

EXECUTIVE SUMMARY
ON
ASSESSMENT OF COMPONENT-WISE
AT&C LOSSESS
FOR MADHYA PRADESH STATE

VOLUME-I



A REPORT BY



MECON LIMITED
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1. INTRODUCTION

At present the Energy Losses percentage in India is much higher in comparison to other developing Countries in the world. The Ministry of Power (MoP), Government of India has initiated different types of scheme to reduce the losses of Sub-transmission & Distribution System.

The Aggregate Technical and Commercial (AT&C) losses in the distribution system comprises of two major components i.e. technical loss and commercial loss. The technical loss refers to the distribution network loss that is inherent in the delivery of the electrical energy. It includes losses in the conductors, transformers, switchgears and loss in the measurement system. The commercial loss is energy losses that are caused by external factors to the distribution system and is caused by direct energy theft, and deficiencies in the energy metering, billing and collection systems, etc.

The AT&C losses are one of the key indicators to gauge the performance of the distribution companies (DISCOMs). The technical loss in the distribution system is an engineering issue. The technical loss beyond limit represents shortcomings in the distribution system planning. The commercial loss, on the other hand is avoidable financial loss for the DISCOMs.

2. BACKGROUND OF THE NOVEL ASSIGNMENT :

India is a fast growing economy. But the Power Sector growth is not matched with the growth in Industry Sector. There is a huge deficit of Electrical power in the country and the gap is growing. Total installed capacity in the country as on October 2012 stands at 209276 MW. The peak power deficit during the first six months of the current financial year (2012-13) was around 12000 MW. Over 300 million people in India still don't have access to electricity. Of those who do, almost all find electricity supply intermittent and unreliable.

In order to address this problem, a two pronged approach is needed. One : increase of installed capacity by adding more power plants. Two : reduction of the power loss at the transmission and distribution level.

Average transmission, distribution and consumer-level losses in the country exceeds 30% compared to world average of less than 15%. Both technical and non-technical factors contribute to these losses, but quantifying their proportions is difficult. High level of energy losses resulting in uneconomical services is a matter of concern and the biggest challenge to the reform programmes undertaken in the power sector today. The concerted efforts & guidelines outlined in The Electricity Act 2003 and its downstream policies lay, besides others, a special emphasis for the need for a time bound programme on AT&C loss reduction by the SERCs.

The Government has set a target of reducing the T&D losses to 17.1% by 2017 & to 14.1% by 2022.

A need has, therefore, been felt for commissioning a study for the segregation of power losses under various heads. FOR (Forum Of Regulators) have prepared a guideline for the study and assessment of component-wise AT&C losses. In order to implement the same, Power Finance Corporation (PFC) has initiated a study to assess the component-wise AT&C losses in three (3) states of India, namely Madhya Pradesh, Maharashtra and Karnataka with the objective of correctly identifying and assessing the two major components of AT&C losses, viz. technical losses & commercial losses and then to segregate various sub-

components of commercial losses. The findings from the study will form the basis of action plan for improvement of energy efficiency at all levels by introducing specific & sustainable loss reduction strategies, new capital investment and action plan for maintenance up-gradation.

MECON Limited (hereinafter referred to as "Consultant") has been appointed by PFC vide contract dated 18th October 2012 (against LOA No. 02:07:01:RR:2011:AT&C-III:LOA-VI dtd. 09.10.2012) to undertake the Study on assessment of component wise AT&C losses for the state of Madhya Pradesh.

The Forum of Regulators (FOR), the apex body of the Electricity Regulatory Commissions in India, will monitor and review the activities of the Consultant and facilitate the tasks of collection of relevant information from the distribution companies (DICSOMs) and preparation of the study report.

3. OBJECTIVE OF THE PROJECT :

The main objectives of the project are to achieve efficiency gains and making necessary changes to make the Company commercially viable, progressively self sustainable and less government dependent and at the same time, balancing the interest of the consumers in regard to quality of service and economical tariff. The plan would include among other things, metering, billing, collection, identifying the present deficiencies and the improvements to be made, mapping supply feeders, measurement of energy supplied to feeders and energy audit, study of losses and scheme for progressive reduction, reduction in input costs, consumer affairs handling, investments required for improvements in the distribution system etc.

To achieve these noble objectives for the sake of the nation, the main intention is to reduce the AT& C Loss & to strengthen the entire power distribution system in all possible aspects. Hence assessment of different components of AT& C Loss should be computed and compared with the published value so that the company may get aware of the targeted & present loss scenario. This Assessment will finally help them to step into their goal.

4. PURPOSE OF THE REPORT :

The main purpose of the report is to implement the proper corrective measures to reduce Aggregate Technical & Commercial Losses and making the Distribution System viable and profit making centre. Along with this, a balance between the quality service and logic tariff is to be maintained to safeguard the interest of consumers.

The entire report for the state of Madhya Pradesh comprises of three (3) different volumes i.e; ***Volume-I, Volume-II and Volume-III.***

Volume-I is the Executive Summary for Assessment of Component-wise AT&C Loss whereas ***Volume-II*** deals with all the computation details and ***Volume-III*** with necessary drawings and diagrams.

5. SCOPE OF WORK OF THE CONSULTANT:

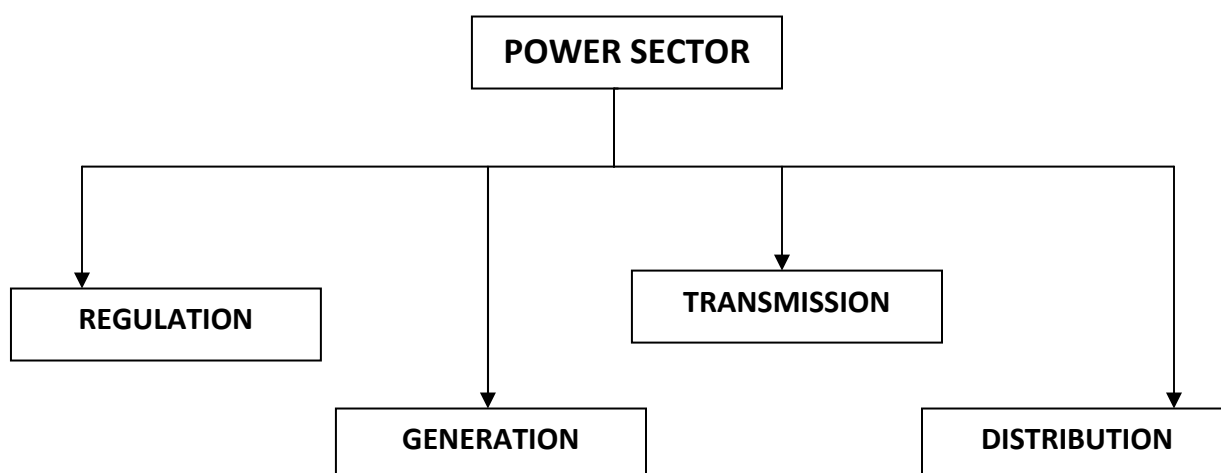
The FOR has prepared and submitted "A Report on Loss Reduction Strategies" which is available in their corporate website. The study by the Consultant was in line with the methodology as suggested in the report. The broad scope of work of the Consultant was as follows:

1. To identify the specific components of AT&C losses. The components are :
 - a) Distribution loss at 33 KV, 11 KV and LV including line, switchgear, transformer and measuring system losses.
 - b) Commercial loss (inefficiency in metering including defective meters, inefficiency in billing, inefficiency in collection of billed amount)
 - c) Energy loss through theft/ pilferage
2. To focus on calculating the overall AT&C losses followed by identification and calculation of various components of AT&C losses in the following manner :
 - a) **Technical losses** may be calculated as :
 - **Technical losses in the 33 kV system of DISCOM** : Technical energy losses can be computed from the difference of energy recorded by the energy meters at the injection points and energy sent out.
 - **Technical losses in the 11 kV system of DISCOM** : All 11 kV feeders were considered. It was ensured by the respective DISCOM that meters of all consumers on the feeders had been tested and incorrect/burnt/stopped meter, if any, was replaced by correct meter and there was no case of direct theft etc. Technical losses in such feeders may be arrived at as difference between the sending end energy and receiving end energy at consumer end (of 11 KV consumers) plus energy recorded at LV side of distribution transformers.

- **Technical losses in the LV system of DISCOM** : Some LV feeders were chosen as the sample. Technical losses in the LV system were obtained by the difference of recorded metered energy data at DTR secondary level and billed energy data of the customers connected to that feeder. Prior to that it was to be ensured by the respective DISCOM that meters of all consumers on these sample feeders were tested and incorrect/burnt/stopped meter, if any, is replaced by correct meter, unmetered consumers were provided with correct tested meters and there was no case of direct theft etc. Weighted average of such results could be applied to all the energy handled to arrive at total technical energy loss in LV systems.
 - **Overall technical loss** : The results of the above samples studied can be extrapolated to compute the overall technical losses in the distribution system. The sampling methodology, sample size, correction factor, requirement for special consideration for rural/ agriculture feeders etc. would be decided in consultation with FOR secretariat.
- b) The Commercial losses can now be identified as the difference between overall energy losses and the technical losses calculated. However, the different components of commercial losses should be separately identified and calculated.
3. **A workshop** should be organized in consultation with the FOR Secretariat for deliberating on the draft report for refining the report. Methodology adopted for the study should be deliberated in detail in the workshop. Comments from the FOR on the draft report have to be recorded for incorporation in the report.
4. **Final Study Report**
The **Final Study report** for the entire utility/state is the outcome of the workshop on draft report and any subsequent comments / feedback received from the FOR on the draft report.

6. POWER SCENARIO OF THE STATE, MADHYA PRADESH

Energy is one of the major inputs for the economic development of any country. In the case of the developing countries, the energy sector assumes a critical importance in view of the ever increasing energy needs requiring huge investments to meet them.



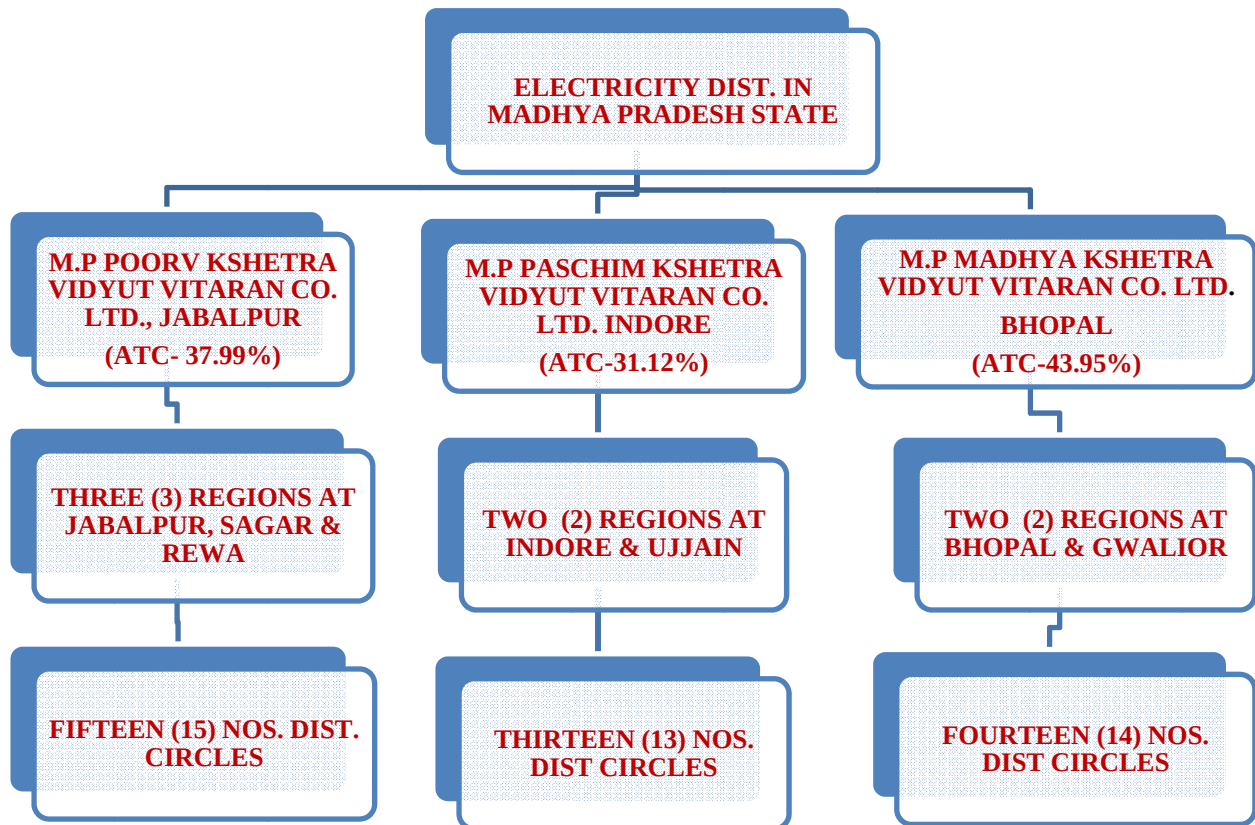
7. PRESENT POWER UTILITIES OF MADHYA PRADESH :

The following three (3) utilities are found to be responsible for the entire power distribution of the State, Madhya Pradesh.

Madhya Pradesh Paschim Kshetra Vidyut Vitran Co. Ltd. :

M.P. Poorv Kshetra Vidyut Vitran Co. Ltd. :

M.P. Madhya Kshetra Vidyut Vitran Co. Ltd. :



8. AGGREGATE TECHNICAL & COMMERCIAL (AT&C) LOSS :

Aggregate Technical & Commercial Loss or AT & C Loss can be defined as the summation of all technical as well as commercial power loss occurs due to electrical power flow through sub-transmission and distribution network.

1. Technical Loss can be defined as the summation of power loss through 33 kV, 11 kV, LT line Loss, Switchgear Loss, Transformer Loss and others.
2. Commercial Loss can be defined as the summation of power loss occurs due to pilferage / theft, defective & unmetered consumers & due to unrealized revenue.

Power Loss due to Unrealized Revenue is defined as the difference in amount of revenue between billing and collection converted into equivalent power unit.

Thus methodology for reduction of AT & C Loss can be ascertained by approaching to each of its category to reduce them.

1. Technical Loss :

As Technical Loss is defined as the summation of different components as discussed in Point No. 8, strategy should be taken separately for each case as follows:

HT Power Loss occurs due to switchgear/ substation :

New Substation, Renovation of Substation and Augmentation of capacity of Power Transformers:

When maximum load demand is found to be almost equal to the installed capacity of the connected substation, new power transformer or augmentation of it is proposed. But if there is space constraint in the switchyard, consultant should think of new substation at a suitable location/ load centre. Renovation of substation, use of underground cable in place of overhead bare line reduces the possibility of interruptions of the feeders. These implementations are not directly reduces the power loss, but improves the supply and reliability of the system.

33 kV Power Loss :

HT Power Loss occurs due to line:

Following steps should be taken to reduce it :

i) Renovation of 33 kV Feeder Conductor :

Older is the 33 kV conductor, poorer is the voltage regulation and more is the power loss because old conductor has more knots and joints. Renovation of 33 kV feeder conductors by new one having same size would improve voltage regulation as well as feeder loss.

ii) Augmentation of 33 kV Feeder Conductor :

Conductor having higher size has lower resistance i.e.; higher conductance. Thus by augmenting existing feeder conductor by higher sized conductor would definitely improve voltage regulation resulting reduction of 33 kV power losses.

iii) Bifurcation/ Shifting of feeding point of 33 kV Feeder :

Bifurcation of feeder reduces loss because total feeder length is reduced. Shifting of feeding points considering geographical feasibility would also reduces the power loss and increases the reliability of the system.

I. 11 kV power Loss :

11 kV power losses occur due to heating effect of current flowing through conductor. That power loss is called i^2R loss.

Following steps should be taken to reduce it :

i) Installation of LT Capacitor:

LT Capacitors at DTR secondary are considered to improve power factor which results improvement of voltage regulation and reduction of loss.

Renovation of 11 kV Feeder Conductor :

11 kV old conductors has more knots and joints that increase the resistance of the conductor resulting voltage regulation and power loss to be higher. Renovation of 11 kV feeder conductors by new one having same size would improve voltage regulation as well as feeder loss.

ii) Augmentation of 11 kV Feeder Conductor :

Conductor having higher size has lower resistance i.e.; higher conductance. Thus by augmenting existing feeder conductor by higher sized conductor would definitely improve voltage regulation resulting reduction of 11 kV power loss.

iii) Bifurcation of 11 kV Feeder :

In some cases where the existing feeder has higher length and heavy load, power loss is much consequentially. Higher length of feeder causes higher line resistance and higher loading draws much higher current. Thus I^2R Loss is higher. Both the factors can be controlled by bifurcation of the feeder proportionately and also considering geographic location so that newly generated feeders would have better voltage regulation. That reduces power loss.

II. LT power Loss :

LT power loss occurs due to line loss in LT lines. As voltage level is lower, current is higher compared to 11 kV line. This higher value of current causes higher line loss for LT. Following steps should be taken to reduce it.

i) Installation of new DTR :

Installation of new DTR does not directly reduce the loss. But this approach is related to the process. Actually new DTR is installed in the distribution network mainly for two reasons -

firstly it is for the successive load growth of the town and secondly it is considered to prevent/ reduce the overloading of existing DTRs. Overloaded DTR trips frequently. Thus it results in frequent power interruption.

ii) Shifting of existing DTR :

Shifting of existing DTRs to the load centre results LT loss reduction due to reduction of LT Line length. Hence improvement of HT : LT ratio is done. Thus High Voltage Distribution System (HVDS) is implemented.

iii) Renovation of existing LT line :

Renovation of existing LT lines by new line reduces LT power loss in a similar way as explained in case of 11 kV line renovation.

iv) Augmentation of existing LT line :

Augmentation of existing LT lines by higher sized LT Conductor/ Cable reduces LT power loss in a similar way as explained in case of 11 kV line augmentation.

v) Phase conversion of LT Line :

Conversion of LT line from single phase to three phase reduces the line current resulting the reduction of LT power loss.

2. Commercial Loss :

Commercial power loss mainly occurs due to theft/ pilferage of electrical power from LT network. To prevent this, following steps should be taken:

i) Use of ABC for LT line :

Aerial Bunched Conductor should be used for LT line. As it is an insulated conductor, theft/ pilferage can be prevented.

ii) Replacement of damaged meters :

Old/ damaged meters should be replaced by new meters having higher accuracy. Thus billing accuracy would be increased.

iii) Prevention of tampering of meter :

Heavy penalty should be introduced for tampering of meters.

iv) Introduction of auditing :

Regular energy audits for each 11 kV feeder and identification of high theft prone areas to intensify raids are to be introduced.

v) Power Loss due to unrealized revenue

Following steps should be taken to reduce the power loss due to unrealized revenue:

a) Increase of vigilance raids :

Increase of vigilance raids should be introduced and thorough analysis of metered data should be done.

b) Improvement of billing and collection system :

Improvement of billing and collection system by introduction of spot billing or outsourcing these activities should be done.

c) Introduction of mobile van :

Introduction of mobile van with security for bill distribution and revenue collection should be taken into consideration.

The Assessment Study shall encompass Government Power Utilities only in the state of Madhya Pradesh.

9.0 METHODOLOGY :

The kick off meeting for the project was held between the FOR Secretariat and the Consultant at CERC, New Delhi on 8th. November 2012 to frame the overall guiding policies of the project. The assessment study was carried out in three (3) interlinked steps : Preliminary Investigation, Detailed Investigation (including site survey) and Final activity (i.e. Preparation of Report).

9.1 METHODOLOGY FOR SELECTION OF ZONES & CIRCLES :

Preliminary investigation for selection of Representative circles started after the name and contact details of the Nodal officer for the state had been communicated to the consultant. *The nodal officer informed to the consultant the list of DISCOMS to be considered for the study.* At the very beginning, the concerned state was divided into four zones covering the listed DISCOMS and considering the FOR guidelines. This division was, to the extent possible, based on the available information at hand regarding the stratified random sampling of the customer classes and the AT&C losses recorded for the FY 2011-12. The division of zones should necessarily address the followings : All zones were mix & match of both urban & rural customers fed from pure urban/pure rural/mixed category feeders.

- a) Load variance in one class of customer was as small as possible among all the zones.
- b) The number of classes was moderate, representative & most important of all.
- c) The classes were easily linked with the concerned state power utility's database for obtaining quick & accurate recorded data of the consumption & other parameters.

Each zone comprises of a number of distribution circles headed by an Officer belonging to the rank of Superintending Engineer. Out of the circles of one zone, a representative Circle (possibly the biggest one in terms of the number of customers, their range, metering status of the circle with number of unme-

tered consumers etc) have been selected in consultation with FOR Secretariat for subsequent detailed study & loss analysis.

Note : *The Assessment Study encompassed Government Power Utilities only in the State of Madhya Pradesh.*

TABLE-1: CHARACTERISTICS OF THE ZONES :			
Sl. No.	Zone Name	Load Characteristics of Zone	Number of Circles under the Zone
1	Zone-1	Purely Urban Area	04
2	Zone-2	Semi Urban Area having consumer in Domestic as well as in commercial, Agricultural and Industrial.	04
3	Zone-3	Rural Area having % of Metering on LT side of DT Less than equal to 14%.	22
4	Zone-4	Rural Area having % of Metering on LT side of DT more than 14%.	13

SELECTION OF ZONE-1 :

Characteristics of Load :

- 1) Agricultural Load is less than 1% in all the Circles.
- 2) Aggregate of Commercial, LT Industrial, Govt. & Others and HT Bulk varies from 16% to 21% of total loads of respective Circles.

TABLE-2: SELECTION OF ZONE-1 :						
ZONE-1 (Four Circles) : Purely Urban Loads with almost non existing Agricultural Load (Agricultural Load Less than 1%)						
CIRCLE	% Consumer Mix					
	Domestic	Commercial	LT Industrial	Agricultural	Govt. & Others	HT Bulk
JABALPUR CITY	82.89	15.37	0.87	0.33	0.47	0.08
INDORE CITY	78.96	18.38	1.52	0.12	0.87	0.15
BHOPAL CITY	83.29	14.92	0.72	0.32	0.59	0.16
GWALIOR CITY	81.99	15.31	1.18	0.48	0.97	0.07

SELECTION OF CIRCLE IN ZONE-1 :

Criteria for Sample Circle Selection:

1. Top 50 % of total circle from highest metering on LV side of DTR.
2. Top 50% of total circle from Highest Energy Input.
3. Top 50% of total circle from AT&C Loss.

TABLE-3: SELECTION OF CIRCLE IN ZONE-1 :								
ZONE-1 (Four Circles) : Purely Urban Loads with almost non existing Agricultural Load (Agricultural Load Less than 1%)								
CIRCLE	PARAMETERS FOR SELECTION							
	NET ENERGY INPUT IN MU FOR YEAR 2011-12	TOTAL CONSUMERS		EXISTING % AT&C LOSS (FY 2011-12)	% METERING			
		NUMBER	PERCENTILE		33 KV LEVEL IN PSS	11KV LEVEL IN PSS	DTR LV SIDE	CONSUMER LEVEL (HT & LT)
JABALPUR CITY	906.28	246606	0.56	25.96	100.00	100.00	93.83	99.98
INDORE CITY	1930.38	440224	1.00	18.89	96.08	100.00	97.47	100.00
BHOPAL CITY	1645.58	339200	0.77	25.73144329	100.00	100.00	82.63	100.00
GWALIOR CITY	1223.41	194387	0.44	39.44	100.00	100.00	7.16	100.00

Final Selection :

Considering all the above criteria Jabalpur City Circle was selected finally as the representative Circle under this Zone for further study.

SELECTION OF ZONE-2 :

Characteristics of Load:

- 1) Agricultural Load is more than 10% but less than 20% in all the Circles.
- 2) Aggregate of Commercial, LT Industrial, Govt & Others and HT Bulk varies from 6 % to 10 % of total loads of respective Circles.
- 3) Aggregate of Commercial, LT Industrial, Govt & Others and HT Bulk is less than the Agricultural load for all of the Circles and Difference is around (6-12)%.

TABLE-4: SELECTION OF ZONE-2 :						
ZONE-2 (Four Circles) : Semi Urban Load having consumer in Domestic as well as in Commercial , Industrial, Govt. & Other Loads together is around (7-10)% and Agricultural Load is around (13-19)%						
CIRCLE	% Consumer Mix					
	Domestic	Commercial	LT Industrial	Agricultural	Govt. & Others	HT Bulk
BHOPAL O&M	80.94	5.15	0.92	12.57	0.34	0.01
JABALPUR O&M	82.25	4.47	1.12	11.88	0.24	0.04
GWALIOR O&M	73.4	5.88	1.5	18.83	0.31	0.08
INDORE O&M	74.51	7.05	1.14	16.71	0.36	0.22

SELECTION OF CIRCLE IN ZONE-2 :

Criteria for Sample Circle Selection

1. Top 50 % of total circle from highest metering on LV side of DTR.
2. Top 50% of total circle from Highest Energy Input.
3. Top 50% of total circle from AT&C Loss.

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TABLE-5: SELECTION OF CIRCLE IN ZONE-2 :

ZONE-2 (Four Circles) : Semi Urban Load having Commercial , Industrial and Govt. & Other Loads together is around (7-10)% and Agricultural Load is around (13-19)%.

CIRCLE	PARAMETERS FOR SELECTION							
	NET ENERGY INPUT IN MU FOR YEAR 2011-12	TOTAL CONSUMERS		EXISTING % AT&C LOSS (FY 2011-12)	% METERING			
		NUMBER	PERCENTILE		33 KV LEVEL IN PSS	11KV LEVEL IN PSS	DTR LV SIDE	CONSUMER LEVEL (HT & LT)
BHOPAL O&M	2046.40	301109	1.00	23.65	100.00	85.39	32.54	77.43
GWALIOR O&M	990.23	157180	0.52	46.75	92.90	80.60	19.15	65.74
INDORE O&M	2817.20	293531	0.97	17.55	100.00	80.39	15.67	82.83
JABALPUR O&M	602.14	188355	0.63	39.62	100.00	100.00	1.08	50.00

Final Selection:

Considering all the above criteria Bhopal O&M City Circle was selected finally as the representative Circle under this Zone for further study.

SELECTION OF ZONE-3 :

Characteristics of Load:

- 1) Agricultural Load is around in between (2-30)% for all Circles.
- 2) Aggregate of Commercial, LT Industrial, Govt. & Others and HT Bulk varies from 5 % to 12 % of total loads of respective cities.
- 3) Agricultural load is more than the Aggregate of Commercial, LT Industrial, Govt. & Others and HT Bulk for most of the Circles.

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TABLE-6: SELECTION OF ZONE-3 :

ZONE-3 (Twenty Two Circles) : Rural Area Rural Area having % of Metering on LT side of DT Less than equal to 14%. And in most of circle Commercial , Industrial and Govt. & Other Loads together less than the Agricultural Load

CIRCLE	% Consumer Mix					
	Domestic	Commercial	LT Industrial	Agricultural	Govt. & Others	HT Bulk
BETUL	77.76	4.29	0.79	16.8	0.35	0.02
MORENA	70.41	8.72	1.76	18.69	0.32	0.1
SHIVPURI	76.75	7.59	2.42	12.84	0.4	0.02
GUNA	71.99	7.71	1.03	18.9	0.35	0.02
SHEOPUR KALA	73.21	6.11	0.95	19.09	0.64	0
KHANDWA	77.41	5.51	0.8	15.73	0.52	0.03
BARWANI	74.35	5.17	0.9	19.13	0.43	0.03
DHAR	75.03	4.86	0.74	19.03	0.34	0.01
JHABUA	84.19	5.08	0.93	9.59	0.19	0.01
SHAJAPUR	69.75	6.61	0.91	22.38	0.34	0.01
MANDLA	90.52	5.67	0.81	2.70	0.30	0.01
NARSINGHPUR	66.46	6.57	1.22	25.33	0.41	0.01
SEONI	84.77	5.01	0.77	9.07	0.37	0.01
REWA	77.48	6.97	0.79	14.52	0.22	0.02
SAGAR	78.61	7.16	1.19	12.63	0.41	0.01
DAMOH	79.46	4.47	0.89	14.89	0.3	0.01
CHHATARPUR	73.1	6.29	1.28	18.93	0.39	0.01
TIKAMGARH	63.76	4.73	1.41	29.77	0.31	0.02
CHHINDWARA	75.71	5.72	1	16.94	0.6	0.03
SATNA	79.28	6.91	1.25	12.01	0.53	0.03
SHAHNOL	86.19	6.93	0.73	5.51	0.61	0.03
SIDHI	79.59	6.39	1.03	12.43	0.55	0.02

SELECTION OF CIRCLE IN ZONE-3 :

Criteria for Sample Circle Selection

1. Top 25 % of total circle from highest metering on LV side of DTR.
2. Top 25% of total circle from Highest Energy Input.

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3. Top 25% of total circle from AT&C Loss.

TABLE-7: SELECTION OF CIRCLE IN ZONE-3 :								
ZONE-3 (Twenty Two Circles) : Rural Area Rural Area having % of Metering on LT side of DT Less than equal to 14%. And in most of circle Commercial , Industrial and Govt. & Other Loads together less than the Agricultural Load								
CIRCLE	PARAMETERS FOR SELECTION							
	NET ENERGY INPUT IN MU FOR YEAR 2011-12	TOTAL CONSUMERS		EXISTING % AT&C LOSS (FY 2011-12)	% METERING			
		NUMBER	PERCENTILE		33 KV LEVEL IN PSS	11KV LEVEL IN PSS	DTR LV SIDE	CONSUMER LEVEL (HT & LT)
BETUL	795.90	244043	0.54	34.64	100	100	9.65	53.68
MORENA	874.25	111592	0.25	52.4	91.5	81.80	11.43	66.73
SHIVPURI	589.44	104030	0.23	50.72827476	89	74.4	6.99	77.96
GUNA	919.20	216631	0.48	45.94	88.5	78.75	5.43	79.46
SHEOPUR KALA	211.01	57689	0.13	61.08	50	55.80	4.47	80.24
KHANDWA	706.28	197594	0.44	31.28	100	61.11	10.54	70.24
BARWANI	599.29	164206	0.37	38.17	100	85.52	10.01	70.11
DHAR	1039.64	295282	0.66	35.98	100	62.39	3.85	74.36
JHABUA	405.23	197329	0.44	11.85	100	83.62	0.36	49.45
SHAJAPUR	884.35	198836	0.44	44.83	100	77.7	9.77	65.34
MANDLA	191.56	185752	0.41	32.2	100	100	1.15	49.03
NARSINGHPUR	814.85	142024	0.32	48.44	100	100	1.25	42.21
SEONI	757.20	448835	1.00	26.87	100	100	2.99	64.49
REWA	807.92	201264	0.45	50.42	100	100	4.03	59.56
SAGAR	1224.90	295450	0.66	30.18	100	100	9.75	66.22
DAMOH	574.50	163123	0.36	33.33	100	100	5.73	48.88
CHHATARPUR	668.30	245146	0.55	41.3	100	100	5.73	62.18
TIKAMGARH	369.11	128525	0.29	51.45	100	100	3.91	63.36
CHHINDWARA	920.78	356544	0.79	23.26	100	99.40	10.85	60.00
SATNA	1588.52	266592	0.59	29.27	100	100	13.75	78.56
SHAHDOL	973.05	231558	0.52	16.15	100	100	10.08	57.00
SIDHI	730.29	154351	0.34	20.71	100	100	13.90	51.11

Final Selection:

Considering all the above criteria Morena Circle was selected finally as the representative Circle under this Zone for further study.

SELECTION OF ZONE-4 :

Characteristics of Load :

- 1) Agricultural Load is prominent and more than 8% in most of the Circles.
- 2) Aggregate of Commercial, LT Industrial, Govt. & Others and HT Bulk varies from 6 % to 12 % of total loads of respective cities.
- 3) Agricultural load far exceeds the Aggregate of Commercial, LT Industrial, Govt. & Others and HT Bulk for most of the Circles.

TABLE-8: SELECTION OF ZONE-4 :						
ZONE-4 (Thirteen Circles) : Rural Area Rural Area having % of Metering on LT side of DT more than 14%. And in most of circle Commercial , Industrial and Govt. & Other Loads together less than the Agricultural Load						
CIRCLE	% Consumer Mix					
	Domestic	Commercial	LT Industrial	Agricultural	Govt. & Others	HT Bulk
VIDISHA	89.5	5.66	0.96	3.68	0.19	0.01
BURHANPUR	73.61	7.23	3.76	14.70	0.66	0.04
MANDSAUR	65.89	7.03	0.78	25.73	0.56	0.02
NEEMUCH	65.7	8.61	0.73	24.16	0.79	0.01
RAJGARH	67.97	5.71	1.14	24.85	0.31	0.02
SEHORE	71.68	5.85	0.66	21.50	0.3	0.02
HOSHANGABAD	78.78	7.37	0.98	12.55	0.29	0.03
BHIND	69.99	7.03	1.6	20.79	0.59	0.01
KHARGONE	71.45	5.35	0.94	21.65	0.57	0.03
UJJAIN	71.98	8.66	1.11	17.72	0.5	0.03
DEWAS	70.53	5.84	1	22.07	0.5	0.06
RATLAM	73.41	7.33	0.83	17.75	0.67	0.02
KATNI	81.9	8.33	1.11	8.28	0.3	0.09

SELECTION OF CIRCLE IN ZONE-4 :

Criteria for Sample Circle Selection

1. Top 25 % of total circle from Highest metering on LV side of DTR.
2. Top 25% of total circle from Highest Energy Input.
3. Top 25% of total circle from AT&C Loss.

TABLE-9: SELECTION OF CIRCLE IN ZONE-4 :								
ZONE-4 (Thirteen Circles) : Rural Area Rural Area having % of Metering on LT side of DT more than 14%. And in most of circle Commercial , Industrial and Govt. & Other Loads together less than the Agricultural Load								
CIRCLE	PARAMETERS FOR SELECTION							
	NET ENERGY INPUT IN MU FOR YEAR 2011-12	TOTAL CONSUMERS		EXISTING % AT&C LOSS (FY 2011-12)	% METERING			
		NUMBER	PERCENTILE		33 KV LEVEL IN PSS	11KV LEVEL IN PSS	DTR LV SIDE	CONSUMER LEVEL (HT & LT)
VIDISHA	548.26	177750	0.50	45.90	100.00	90.17	48.59	73.49
BURHANPUR	589.48	122407	0.35	24.52	100.00	89.16	57.35	83.43
MANDSAUR	781.98	282084	0.80	9.26	100.00	72.08	45.22	65.25
NEEMUCH	563.14	157648	0.45	21.67	100.00	69.14	58.65	71.93
RAJGARH	673.07	185613	0.53	39.64	100.00	98.78	17.42	69.90
SEHORE	601.45	151932	0.43	26.76	100.00	98.90	23.56	58.69
HOSHANGABAD	1193.34	261444	0.74	33.42	100.00	87.06	25.23	68.33
BHIND	487.56	151321	0.43	69.59	91.30	71.40	14.76	70.37
KHARGONE	1457.84	272102	0.77	40.78	100.00	66.78	19.14	72.20
UJJAIN	2014.38	352751	1.00	29.29	100.00	64.58	27.40	81.83
DEWAS	1382.26	256617	0.73	30.43	100.00	71.80	15.80	58.24
RATLAM	1050.56	266593	0.76	30.98	100.00	80.65	33.97	70.75
KATNI	619.79	164423	0.47	31.08	97.33	100.00	36.42	58.29

Final Selection:

Considering all the above criteria Burhanpur Circle was selected finally as the representative Circle under this Zone for further study.

9.2 AT& C LOSS ASSESSMENT METHODOLOGY :

9.2.1 The overall energy loss has been computed from the actual meter reading by site survey of the meter installed at various locations in the system. Wherever meters are found defective, concerned DISCOM was notified for replacement of such meters with properly tested meters as per FOR guideline. In such cases, data was collected again at the end of the next billing cycle of the DISCOM. Average energy consumption is considered wherever replacement of defective meters could not be possible.

9.2.2 Meter data pertaining to sending end and receiving end of all the 33 KV feeders was tabulated and analyzed to derive the Technical loss figures of HV network (with due consideration of energy import/export points).

9.2.3 Technical loss figures of 11 kV systems can be determined as the difference between units input in the 11 kV system at the Power Substation end and units billed to 11 KV Bulk consumers plus units sent out to the LV system.

The study was begun with a walk over survey along with representative of utility for all 11 kV Feeders are not subjected to illegal tapping of power. Subsequently, initial and final readings of the meters of the 11 kV feeders were recorded. The interval between initial and final meter readings shall be a period of one month of the concerned utility.

9.2.4 The losses occurring in the DTR was assumed in absence of metering in the high voltage side of the DTR.

9.2.5 Technical losses in the LV system has been obtained by the difference of metered energy data at DTR secondary level and billed energy data of the customers connected to that DTR. In order to segregate the Commercial energy losses & that due to theft, the elaborate procedure outlined in FOR document has been followed alongwith the DISCOM authorities for the 20% sample feeders. The sample feeders were selected (in consultation with the nodal of-

ficer) on the basis of loading (lightly loaded/medium loaded/overloaded) and type of consumer (domestic & commercial/Industrial/Agricultural).

9.2.6 The **Draft Report** is the outcome of the detailed investigation. It contains the following particulars in detail:

- a) Deliberation of the stratified sampling study regarding the zone demarcation of the concerned state and the subsequent selection of circles within the zones for the survey and study.
- b) Overall 33 kV power interconnection diagrams of the selected circles (showing energy export & import points).
- c) List of 11KV feeders with number of Distribution Transformers (DTRs) therein.
- d) Listing of energy meter data for 33 kV feeders.
- e) Listing of energy meter data for 11 kV feeders.
- f) Listing of losses in 33 KV and 11 KV system,
- g) Segregation of technical loss in the distribution, technical loss due to inaccurate metering, commercial loss due to billing deficiencies and that due to collection inefficiencies in the LV system.
- h) Calculation of losses due to theft/ pilferage in the LV system.
- i) Overall assessment of energy loss figures showing the above heads and the final AT&C loss of the circle.
- j) Extrapolation of results of each circle to the whole utility (Since the Circle is selected as a representative sample, the percentage losses for the entire DISCOM is presumed to be the same as the percentage losses calculated for the sample Circle) is as well as the state as a whole.

9.2.7 A **workshop** should be arranged in consultation with FOR for deliberating on the draft report for refining the report. Methodology adopted for the study was deliberated in detail in the workshop. Comments from the FOR on the draft report should be recorded for incorporation in the final report.

9.2.8 Final Study Report

The **Final Study report** should be prepared incorporating all the necessary comments and remarks suggested by CERC and Power Utilities of Madhya Pradesh during workshop.

9.3 METHODOLOGY FOR SITE SURVEY & COLLECTION OF DATA :

Methodology for collection of metered data for preparation of assessment report of Component-wise AT& C Losses is as follows:

- 1) Site visit at Circle & Divisions for preparation of 33 KV feeder interconnection diagram (showing all the concerned 33/ 11 kV Substations in the selected circle), showing 11 KV feeders emanating from each Substation of the circle and finally the 11 KV feeder diagrams for all the Substations (with marking of DTRs on them).
- 2) Metering status for each 33 KV feeder (at sending & receiving ends), 11 KV feeder (at the Substation source end) & DTR (at the LV side for both utility & bulk) for the selected Circle shall be obtained from the DISCOM and to be put in the above mentioned drawing for each circle.
- 3) Co-ordination with utility for collection of metering data from existing network of utility.
- 4) Collection of Meter data for all the 33 kV & 11 kV Feeders from selected Circle.
- 5) Collection of energy data for the DTRs of 11 kV feeders for selected Circle (at the LV side).
- 6) Collection of energy data for LV Consumers of selected Circle.
- 7) Collection of following data from utility during the time period of meter reading being collected for each selected circle.
 - a) Energy Billed (in MU),
 - b) Revenue Billed (in Rs. Lakhs)
 - c) Revenue collected (in Rs. Lakhs).

9.4 METHODOLOGY FOR EXTRAPOLATION:

Component-wise AT&C Loss for Madhya Pradesh State can be found out by the method of extrapolation based upon the data collected from four selected circles. Methodology for finding out the components of AT&C Loss has been mentioned earlier. In this method component-wise AT&C Loss may be computed for the four selected circles of Madhya Pradesh. Based upon these data of four circles whenever Loss of the entire State would be assessed, there may be a huge chance of error because of variable loss pattern of different distribution network. But it is quite absurd to collect data for each and every circle of the state for this assessment. Moreover the same feeder gives different loss in different time period because of continuous growing loads at the downstream and it also varies according to the season. But the issue is to give a scientific basis of assumption so that the error may be minimized theoretically as much as possible. Thus the assessed result would more accurately approach the actual one. For this basis of assumption, methodology for extrapolation is necessary for assessment of AT&C Loss for the State.

1. Percentage of AT&C Loss is the ratio of AT&C Loss with Input Energy. Hence it depends at what voltage level input energy is considered. As because major selected circles are having 33 kV network and 33 kV line loss has been considered, percentage of AT&C loss must be considered at 33 kV voltage level i.e.; taking input energy at 33 kV voltage level.
2. 11kV line loss, LT line loss and all components of commercial losses as well as loss due to unrealized revenue should also be considered at 33 kV voltage level for component-wise assessment of AT&C Loss.
3. Average Input energy of four selected circles in Madhya Pradesh representing the State may be found out in MU by simply averaging the four different input energies in MU of its four selected circles.
4. In the same way, Loss components of the four circles should be added for finding out their respective average values in MU.

5. Now the percentage of component-wise AT&C loss may be simply found out by taking percentage of each component with reference to the average input energy. This percentage values will give the extrapolated percentage value of different components of AT&C loss for the entire Madhya Pradesh State.
6. Sample circle selection was carried out considering different zones of various categories of loads like purely urban, semi-urban, agricultural, commercial and industrial including bulk loads etc. Component-wise AT&C losses of the selected four circles were assessed as per methodology mentioned in this report earlier.
7. Since component-wise AT&C losses for four selected circles were assessed considering different types of load pattern, assessed value of component-wise AT&C losses of the selected four circles can represent entire range of component-wise losses of the State, Madhya-Pradesh.

10. WORKSHOP & REPORTS

- 10.1 A **workshop** was arranged on 12.02.2014 in the office of Forum of Regulators (FOR) for deliberating on the draft report. Methodology adopted for the study was deliberated in detail in the workshop. Comments from the CERC, PFC & Power Utilities on the draft report were recorded for incorporation in the final report.
- 10.2 The **Final Study report** was prepared incorporating all the necessary comments and remarks suggested by PFC, CERC and Power Utilities of Madhya Pradesh during workshop.

11. PARTICIPATION OF THE UTILITIES & INTERVENTION OF THE F.O.R.

Since huge volumes of data are to be collected from the DISCOMS within a short span of time for the correct assessment and segregation of losses of the system, maximum cooperation from the DISCOMS is absolutely necessary. Co-operation of the DISCOMS and sharing all relevant data with the consultant is essential. In this connection, FOR Secretariat had extended their suggestion and shared their views for preparation of the report.

12. INTERCONNECTING POWER NETWORK :

33 kV Power Network means the single line diagram of all 33 kV lines connecting all Grid Substations and 33/11 kV Primary Substations. Once this power network diagram is made, it helps the power system engineers to study the energy flow analysis of the entire system. LT network of any distribution system changes day by day as consumer load increases rapidly. Rapid load growth in the downstream network requires a proper matching with connected upstream network. Hence augmentation of conductors, Distribution Transformers, Power Transformers etc. are indispensable to meet the demand in the rapidly changing downstream network. Thus a clear view of interconnecting power network diagram helps in betterment and strengthening the power system of the State, Madhya Pradesh.

As four circles are selected for the entire state and based on these data extrapolation of loss assessment would be done, interconnecting 33 kV & 11 kV power network for these four circles, i.e; Jabalpur City, Bhopal O & M, Morena & Burhanpur circles are given below in tabular form to have a overall idea for assessment of AT& C Loss.

12.1 POWER NETWORK OF JABALPUR CITY CIRCLE :

In Jabalpur City circle there are four (4) nos. of GSS among which one (1) is having 220/33 kV and rest of the three (3) are having 132/33 kV voltage ratio. From these four GSS 31 nos. PSS and 48 nos. 33 kV Bulk loads are connected. 33 kV lines with the existing GSS & PSS are depicted in the Power Network Diagram (Ref : Vol-III). Also, the same idea may be given in tabular form in Vol-II. From this table one can get a clear picture about the emanating & destiny points of each 33 kV feeder i.e; from which GSS or PSS they originate & where they end. From this idea one can also know to assess HT Loss at what point meter reading should be taken.

In a similar way, 11 kV feeders are emanating from 33/11 kV PSS & are connected with several DTRs of different capacities. The details of all 11 kV feeders with their connected DTRs are given in Vol-II.

In a nutshell, there are **31** nos. PSS from 5 divisions having total **54** nos. Power Transformers of **302.60** MVA capacity ($1 \times 1.6 \text{ MVA} + 41 \times 5 \text{ MVA} + 12 \times 8 \text{ MVA}$). **110** nos. 11 kV outgoing feeders are emanating from these 31 nos. PSS and are connected with **2011** nos. of DTRs and **121** nos. Bulk DTRs having total capacity (excluding bulk capacity) of **393.492** MVA. Hence total capacity of DTRs is **130.037%** of the installed capacity of the PTRs which may be extended up to 200% as per PFC guideline.

12.2 POWER NETWORK OF BHOPAL O & M CIRCLE :

In Bhopal O&M Circle there are thirteen (13) nos. of GSS among which two (2) nos. are having 220/33 kV and rest of the eleven (11) are having 132/33 kV voltage ratio. From these four GSS 119 nos. PSS and 227 nos. 33 kV Bulk loads are connected. 33 kV lines with the existing GSS & PSS are depicted in the Power Network Diagram (Ref: Vol-III). Also, the same idea may be given in tabular form in Vol-II. From this table one can get a clear picture about the emanating & destiny points of each 33 kV feeder i.e; from which GSS or PSS they originate & where they end. From this idea one can also know to assess HT Loss at what point meter reading should be taken.

In a similar way, 11 kV feeders are emanating from 33/11 kV PSS & are connected with several DTRs of different capacities. The details of all 11 kV feeders with their connected DTRs are given in Vol-II

In a nutshell there are **119** nos. PSS from 6 divisions having total **188** nos. Power Transformers of **800.15** MVA capacity ($1 \times 3 \text{ MVA} + 81 \times 3.15 \text{ MVA} + 102 \times 5 \text{ MVA} + 4 \times 8 \text{ MVA}$). 11 kV outgoing feeders are emanating from these 119 nos. PSS and are connected with **11229** nos. of DTRs and **190** nos. Bulk DTRs having total capacity (excluding bulk capacity) of **806.166** MVA. Hence

total capacity of DTRs is **100.75%** of the installed capacity of the PTRs which may be extended up to 200% as per PFC guideline.

12.3 POWER NETWORK OF MORENA CIRCLE :

In Morena Circle there are nine (9) nos. of GSS among which one (1) is having 220/33 kV and rest of the eight (8) are having 132/33 kV voltage ratio. From these four GSS 48 nos. PSS and 93 nos. 33 kV Bulk loads are connected. 33 kV lines with the existing GSS & PSS are depicted in the Power Network Diagram (Ref: Vol-III). Also, the same idea may be given in tabular form in Vol-II. From this table one can get a clear picture about the emanating & destiny points of each 33 kV feeder i.e; from which GSS or PSS they originate & where they end. From this idea one can also know to assess HT Loss at what point meter reading should be taken.

In a similar way, 11 kV feeders are emanating from 33/11 kV PSS & are connected with several DTRs of different capacities. The details of all 11 kV feeders with their connected DTRs are given in Vol-II

In a nutshell there are **48** nos. PSS from 4 divisions having total **91** nos. Power Transformers of **442.55** MVA capacity ($14 \times 1.6 \text{ MVA} + 72 \times 5 \text{ MVA} + 5 \times 8 \text{ MVA}$). 11 kV outgoing feeders are emanating from these 48 nos. PSS and are connected with **8307** nos of DTRs and **58** nos. Bulk DTRs having total capacity (excluding bulk capacity) of **440.560** MVA. Hence total capacity of DTRs are **99.55%** of the installed capacity of the PTRs which may be extended upto 200% as per PFC guideline.

12.4 POWER NETWORK OF BURHANPUR CIRCLE :

In Burhanpur Circle there are three (3) nos. of GSS among which one (1) is having 220/33 kV and rest of the two (2) are having 132/33 kV voltage ratio. From these four GSS 30 nos. PSS and 44 nos. 33 kV Bulk loads are connected. 33 kV lines with the existing GSS & PSS are depicted in the Power Network Diagram (Ref: Vol-III). Also, the same idea may be given in tabular form in Vol-II. From this table one can get a clear picture about the emanating & des-

tiny points of each 33 kV feeder i.e; from which GSS or PSS they originate & where they end. From this idea one can also know to assess HT Loss at what point meter reading should be taken.

In a similar way, 11 kV feeders are emanating from 33/11 kV PSS & are connected with several DTRs of different capacities. The details of all 11 kV feeders with their connected DTRs are given in Vol-II

In a nutshell there are 30 nos. PSS from 2 divisions having total **52** nos. Power Transformers of **234.10** MVA capacity (14 x 3.15 MVA+ 38 x 5 MVA MVA). 11 kV outgoing feeders are emanating from these 31 nos. PSS and are connected with **7637** nos of DTRs and **61** nos. Bulk DTRs having total capacity (excluding bulk capacity) of **406.201** MVA. Hence total capacity of DTRs is **173.56%** of the installed capacity of the PTRs which may be extended up to 200% as per PFC guideline.

Circle-wise PTR capacities are given below for the four selected circles.

TABLE-10 : CIRCLE-WISE POWER TRANSFORMER CAPACITY								
Sl.no	Name of the Circle	No of 33/11 KV Power Transformer					PTR Capacity in MVA	11 KV side Input Energy in LU (for a Month)
		1.6 MVA	3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA		
1	Jabalpur city Circle	1			41	12	302.6	886.871
2	Bhopal O&M Circle		1	81	102	4	800.15	768.093
3	Morena Circle	14			72	5	442.55	534.747
4	Burhanpur Circle			14	38	0	234.1	315.194
Total		15	1	95	253	21	1779.4	2504.905

Circle-wise DTR capacities along with HT Bulk are given below for the four selected circles.

TABLE-11 : CIRCLE-WISE DISTRIBUTION TRANSFORMER ALONG WITH HT BULK DETAILS

Name of the Circle	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
	10	16	25	50	63	100	150	160	200	250	300	315	500	1250		
Jabalpur city Circle			31	2	39	488	15	1	1046	8	5	350	22	4	121	393492
Bhopal O&M Circle		80	3449	2	3707	3148	1	1	825	2		14			190	806166
Morena Circle	27	187	4356		2461	861			378			37			58	440560
Burhanpur Circle	2903	812	1170		968	1047	3	11	530	2		189	2		61	406201
TOTAL	2930	1079	9006	4	7175	5544	19	13	2779	12	5	590	24	4	430	2046419

13. COMPUTATION OF COMPONENT-WISE AT& C LOSS:

Aggregate Technical & Commercial Loss (AT&C) may be computed from the actual meter readings of the meter installed at various locations in the system. Computation of AT&C Loss involves estimation of Technical and Commercial Loss of the 4 distribution selected Circle of M.P.

Entire Load of distribution Network of 4 selected circle cater at 33 kV Level. Hence, computation of AT&C Loss will be in respect of 33 kV systems.

13.1 COMPUTATION OF 33 kV LINE LOSS:

33 kV System Line Loss has been estimated the difference of sending end energy from the 220 / 132 / 33 kV GSS and receiving end energy of PSS including energy send out to Bulk consumers at 33 kV level.

33 kV Line Loss has been computed considering one month consumption by taken meter reading of all the incoming 33 kV feeder of PSS including bulk consumer and related 33 kV outgoing feeders of GSS.

Thus the total 33 kV Line loss for this circle found out as

$$33 \text{ kV line loss} = \sum (33 \text{ kV O/G Feeder meter reading at GSS} - \sum (33 \text{ kV I/C meter reading at PSS} + 33 \text{ kV I/C meter reading at HT Bulk}))$$

TABLE- 12 : SUMMARY OF 33 KV LINE LOSS OF FOUR CIRCLES OF MADHYAPRADESH

Sl. No	Name of the Circle	Description		
		33 KV side Input Energy in LU	33 KV line loss in LU	% of 33KV line loss w.r.t 33KV side Input Energy
1	Jabalpur city Circle	989.458	24.205	2.446
2	Bhopal O&M Circle	1225.857	18.582	1.516
3	Morena Circle	631.057	13.950	2.211
4	Burhanpur Circle	331.956	4.595	1.384
TOTAL		3178.328	61.332	1.930

Percentage of 33Kv Line loss of Madhyapradesh State w.r.t 33KV side Input Energy is the average 33KV line loss of Selected Circle of Madhyapradesh State i.e Average 33KV line loss of Jabalpur city Circle,Bhopal O&M Circle,Morena Circle & Burhanpur circle which is **1.930 %**

13.2 COMPUTATION OF 11 kV LINE LOSS:

Energy Loss of 11 kV feeders has been arrived at the difference between the sending end energy i.e. 11 kV outgoing feeders of PSS and Energy recorded at LV side of DTR including Bulk consumer connected in the same feeder.

11 kV Line Loss has been computed considering one month energy consumption by taking meter reading of 11 kV feeder of PSS and all the DTR meter reading connected in the same 11 kV feeder.

Thus the total 11 kV Line loss for this circle found out as

$$11 \text{ kV line loss} = \sum (11 \text{ kV O/G Feeder meter reading at PSS} - \sum \text{All DTRs' meter reading connected to that 11 kV feeder})$$

11 kV feeder meter readings have been taken for each selected circle and 11 kV Line Losses for each circle has been computed accordingly. Detailed computations are mentioned in Vol-II.

TABLE- 13 : SUMMARY OF 11 KV LINE LOSS OF FOUR CIRCLE OF MADHYAPRADESH STATE						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	11 KV line loss in LU	50.169	52.101	33.401	20.295	155.966
4	% of 11KV line loss w.r.t 11KV side Input Energy	5.618	6.783	6.246	6.439	6.211
5	% of 11KV line loss w.r.t 33KV side Input Energy	5.070	4.250	5.293	6.114	4.907

Percentage of 11Kv Line loss of Madhyapradesh State w.r.t 33KV side Input Energy is the average 11KV line loss of Selected Circle of Madhyapradesh State i.e Average 11KV line loss of Jabalpur city Circle,Bhopal O&M Circle,Morena Circle & Burhanpur circle which is **4.907%**

13.3 COMPUTATION OF LT LINE LOSS:

Energy Loss of LT feeders have been arrived at the difference between the sending end energy i.e. Distribution Transformer (DTR) and Energy recorded at consumer meters of LT consumers connected in the same DTR.

LT Line Loss has been computed considering one month energy consumption by taking meter reading of DTR and the entire Consumers' meter reading connected in the same DTR.

Thus the total LT line loss for this circle found out as

$$LT \text{ line loss} = \sum (11/0.44 \text{ KV DTR meter reading} - \sum \text{All consumers' meter reading connected to that DTR})$$

20 % of the total LT feeder meter reading has been taken for each selected circle and LT line loss for each circle has been computed accordingly to find out the percentage of LT Line Loss w.r.t DTR consumption. This percentage is assumed to be constant for computation of LT Line Loss of the entire circle. Now if DTR consumptions of the entire circle be calculated, LT Line Loss for that entire circle may be found out by multiplying the Total DTR Consumptions of the circle by the Percentage of LT Line Loss w.r.t DTR consumption.

Total DTR consumptions of the circle may be found out as

= 11kV Input Energy (at 11 kV O/G points at PSS) of the circle - Total 11 kV loss (which was already computed) of the circle

Percentage of LT Line Loss w.r.t DTR consumption = (LT Line Loss for 20% sampled LT Feeder / Consumption of the connected DTRs) x 100

Therefore LT Line Loss of the entire circle is found out as

= Total DTR consumptions of the Circle x Percentage of LT Line Loss w.r.t DTR consumption x 0.01

Thus in other way, if we just simply equate the 20% surveyed DTR consumption with the total circle DTR consumption, total LT line loss would be found out accordingly. Now for each circle the total DTR consumptions are given below for clear understanding.

TABLE - 14: CIRCLE-WISE DTR CONSUMPTIONS OF MADHYA-PRADESH				
Sl No.	Name of Circles	11 kV Input Energy (LU) (A)	11 KV Loss (LU) (B)	Total DTR consumption of the circle (LU) (C = A - B)
1	Jabalpur City	893.044	50.169	842.875
2	Bhopal O&M	768.093	52.101	715.992
3	Morena	534.747	33.401	501.346
4	Burhanpur	315.194	20.295	294.899

TABLE - 15: COMPUTATION OF PERCENTAGES OF LT LOSS WITH DTR CONSUMPTIONS				
Sl No.	Name of Circles	LT LOSS for 20% sampled LT feeders (LU) (D)	DTR consumption connected to that 20% LT feeders (LU) (E)	Percentage of LT Loss w.r.t DTR consumption (F = D/E)
1	Jabalpur City	0.3346	3.4245	9.78
2	Bhopal O&M	0.2669	2.5791	10.35
3	Morena	1.0648	9.8627	10.79
4	Burhanpur	0.3000	2.7371	10.96

TABLE - 16: COMPUTATION OF TOTAL LT LOSS OF THE SELECTED CIRCLES				
Sl No.	Name of Circles	Total DTR consumption of the circle (LU) (G)	Percentage of LT Loss w.r.t DTR consumption (H)	Total LT Loss of the Circle (I = G X H x 0.01)
1	Jabalpur City	842.875	9.78	82.433
2	Bhopal O&M	715.992	10.35	74.105
3	Morena	501.346	10.79	54.095
4	Burhanpur	294.899	10.96	32.321

TABLE - 17: SUMMARY OF LT LINE LOSS OF FOUR CIRCLES OF MADHYAPRADESH STATE						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	LT line loss in LU	82.350	74.095	54.124	32.323	242.892
4	% of LT line loss w.r.t 11KV side Input Energy	9.221	9.647	10.121	10.255	9.673
5	% of LT line loss w.r.t 33KV side Input Energy	8.323	6.044	8.577	9.737	7.642

Percentage of 11Kv Line loss of Madhyapradesh State w.r.t 33KV side Input Energy is the average 11KV line loss of Selected Circle of Madhyapradesh State i.e Average 11KV line loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **7.642%**

13.4 COMPUTATION OF 33/11 kV PSS LOSS:

Energy Loss of 33/11 kV PSS has been arrived by the difference between the energy of 33 kV incoming feeders entering into PSS and that of 33 kV & 11 kV outgoing feeders (including Bulk) connected to PSS.

PSS Loss has been computed considering one month net energy consumption by taking meter reading of 33 kV incoming feeders to PSS and all the 33 kV and 11 kV outgoing feeder meter reading from that PSS.

$$PSS \text{ loss} = \sum \{ (33 \text{ kV I/C Feeder meter readings to PSS} - 33 \text{ kV O/G Feeder meter reading from that PSS}) - \sum \text{All 11 kV O/G feeder meter reading from that PSS} \}$$

33 kV and 11 kV I/C & O/G feeder meter readings have been taken for each selected PSS and PSS Losses for each circle has been computed accordingly. Detailed computations are mentioned in Vol-II.

TABLE - 18: SUMMARY OF 33/ 11 kV PSS LOSS OF FOUR CIRCLES OF MADHYAPRADESH STATE				
Sl. no	Name of the Circle	A	B	Percentage of PSS loss w.r.t Input Energy
		33KV side energy input in LU	33/11KV PSS loss in LU	
1	Jabalpur city Circle	989.4585	8.15	0.824
2	Bhopal O&M Circle	1225.857	8.412	0.686
3	Morena Circle	631.057	6.78	1.074
4	Burhanpur Circle	331.956	3.09	0.930
Madhya Pradesh 33/11KV PSS loss in LU		3178.328	26.434	0.832

Percentage of 33/11KV PSS loss of Madhya Pradesh State w.r.t 33KV side Input Energy is the average 33/11KV PSS loss of Selected Circle of Madhya Pradesh State i.e Average 33/11KV PSS loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **0.832%**

13.5 COMPUTATION OF COMMERCIAL LOSS:

Commercial Loss may be found out as

$$= \{\text{AT\&C Loss}\} - (\text{Technical Loss})$$

$$= \{(1 - \text{Billing Efficiency} \times \text{Collection Efficiency}) \times 100\} - (33\text{kV Line Loss} + 11 \text{ kV Line Loss} + \text{LT Line Loss} + \text{Substation Loss})$$

Now, in the commercial Loss, power loss due to unrealized revenue is also a component and is formulated as = **(Energy Billed in MU - Energy Collected in MU)**

Now, in the above equation Billing, Collection Efficiency, Energy Billed and Energy collected have been received from the commercial data of the concerned utility.

Technical Loss i.e.; 33 kV, 11 kV and LT Line Losses have already been computed. Hence Total amount of Commercial Loss has been arrived by deducting all other components from AT&C Loss.

Commercial Loss comprises of the following components:

(a) Energy loss due to theft/pilferage

The study in the four circles has shown that lots of the energy was lost due to theft/pilferage. It is to be highlighted that the LT studies were carried out at the areas, where vigilance raids are carried out by the department regularly. There are other areas in the circle, where vigilance check is not done by the department on a regular basis and the energy theft would be much higher in such areas.

Various modes of energy theft as observed during our field study are highlighted below.

(b) Energy theft by the agriculture consumers :

As mentioned in the previous section, the agriculture consumers are billed on their sanctioned load. To estimate the extent of energy theft by the agriculture consumers, we have carried out agriculture consumer study in the circles. Results of the agriculture survey shows that energy losses due to under - disclosed load of the agriculture consumers is due to the difference of actual ratings of the pump sets and the load sanctioned to the agriculture consumers by the DISCOMs, surveyed during the field study. This loss is clearly a case of theft of energy by the agriculture consumers.

(c) Meter bypass :

It has been noticed that in some consumer premises line from the electrical poles are directly connecting the Motor Controlled Panel /Remote Controlled Panel (MCP/RCP) - bypassing the meter and the same has been presented in the following Exhibit.

This practice of bypassing of meter is prevalent in the domestic connection. However, it is surprising that this illegal practice is followed by the economically well to do consumers. These types of consumers are having more than 3-4 air conditioners installed in their houses and other electrical appliances which consume high energy in their households and to avoid paying high amount of energy bills they are resorting to this kind of illegal practice. At the time of vigilance check the consumer connect the line with the meter to avoid detection and later on resume their illegal practice.

(d) Direct hooking from the pole :

This method of theft of energy is very common in all the four circles in Madhya

Pradesh. Service wire from the pole is directly connected to the consumer premises for energy use.

(e) Illegal connection :

It was observed that connection was provided illegally by one consumer to other. This is another mode of energy theft. This practice is widely followed in the sub-urban and rural areas and the consumers in addition to theft of energy who by bypassing meter or hooking from the pole. The illegal connections are provided through a common boundary located inside the premises. In other cases, it was noticed that some of the flat rate consumers (department employees, unmetered consumers) were also involved in providing connection illegally to other consumers.

(f) Nexus between the consumers and meter readers :

The meter reading and billing agencies have been outsourced by the DISCOMs to bring efficiency in the system so that accurate metering and billing could be done. However, it is found that the field level personnel of the meter reading agencies are involved with the consumer's record lower energy consumption than actually consumed by the consumers. When, the difference in the recorded consumption and actual consumption is obtained by vigilance checks, the meters are burnt by the consumers.

(g) Defective meters

Considerable percentage of defective meters is one of the reasons for provisional billing and consequential commercial losses in the circles. Many of the energy meters installed at the consumer premises are found to be defective.

In other cases, it was found that the consumers deliberately conceal the information regarding defective meters. With the assistance of the local linemen/meter reader, the consumer takes the benefit of provisional billings, resulting in commercial loss.

Computation of Commercial Loss due to theft/ pilferage:

Computation of Commercial Loss due to theft/ pilferage has been simply found out by subtracting all the other components of losses from the entire AT & C Loss of Madhya Pradesh State.

Hence, Commercial Loss due to theft/ pilferage

= (AT & C Loss) - (Technical Loss) - (Other components of Commercial Loss except Loss due to theft/ pilferage)

= (AT & C Loss) - (PSS Loss + 33 kV Line Loss + 11 kV Line Loss + LT Line Loss) - (Commercial Loss due to (defective meters + unmetered and other consumers + unrealized revenue))

TABLE - 19: SUMMARY OF COMMERCIAL LOSS DUE TO THEFT/ PILFERAGE OF FOUR CIRCLE OF MADHYAPRADESH STATE

SL. NO	NAME OF THE CIRCLES	Total AT & C Loss (MU)	TECHNICAL LOSS (MU)				COMMERCIAL LOSS (MU) DUE TO			COMMERCIAL LOSS DUE TO THEFT/ PILFERAGE (MU) is (i) = [(a)-(b+c+d+e+f+g+h)]
			PSS Loss	33 KV	11 KV	LT	DEFECTIVE METERS	UNMETERING & OTHERS	UNREALIZED REVENUE	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
A	JA-BALPUR CITY	27.267	0.815	2.420	5.017	8.235	1.705	0.036	5.515	3.524
B	BHOPAL O&M	32.395	0.841	1.858	5.210	7.409	1.440	4.830	8.015	2.792
C	MORENA	37.021	0.678	1.395	3.340	5.412	0.810	5.131	4.094	16.161
D	BUR-HANPUR	10.730	0.309	0.460	2.029	3.232	0.026	0.746	3.163	0.765
E	TOTAL (LU)	107.413	2.643	6.133	15.597	24.289	3.981	10.742	21.173	23.242

REPORT OF STUDY ON ASSESSMENT OF COMPONENT-WISE AT&C LOSS

Thus the Total Commercial Loss due to theft/ pilferage of Electrical Power for the four selected circles of Madhya Pradesh are given below in a tabular form for clear understanding.

TABLE- 20 : SUMMARY OF LT LINE WITH COMMERCIAL LOSS OF FOUR CIRCLE OF MADHYAPRADESH						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	LT line loss with commercial loss due to theft loss in LU	118.733	110.146	217.918	42.264	489.060
4	LT line loss in LU	82.350	74.095	54.124	32.323	242.892
5	Approx. Commercial loss in LU due to theft (3-4)	36.383	36.051	163.794	9.941	246.168
6	% of Commercial loss due to theft w.r.t 11KV side Input Energy	4.074	4.694	30.630	3.154	9.803
7	% of Commercial loss due to theft w.r.t 33KV side Input Energy	3.677	2.941	25.955	2.995	7.745

Computation of Commercial Loss due to defective metered / unmetered consumers:

Sample data for meter readings by installing temporary static meters are collected for the defective metered LT consumers. These data are given in the following format.

Now, Total Loss due to Defective Metered Consumers are assessed as

$$= (\text{Loss due to Defective meter Billing}) \times (\text{Percentage of Loss w.r.t. billing record of the DISCOM}) \times (\text{Percentage of Defective meters w.r.t. total LT consumer meters})$$

TABLE- 21 : COMPUTATION OF COMMERCIAL LOSSES DUE TO DEFECTIVE METERED CONSUMERS					
Sl.No.	DESCRIPTION	JABALPUR	BHOPAL	MORENA	BURHANPUR
a	Consumption As per field study	2857	8437	2567	7502
b	As per billing record of the DISCOM	1517	5317	1875	6054
c	Loss due to Defective meter billing	1340	3120	692	1448
d	% of loss w.r.t billing record of the DISCOM	88.332	58.680	36.907	23.918
e	Total no of Consumer	246606	301109	111592	122407
f	Total Defective Meter Consumer	6165	7525	8119	510
g	% of Defective meter w.r.t Total meter	2.5	2.499	7.276	0.417
h	Total Billing in MU	77.194	98.21	30.178	25.629
i	Total Input in MU (33KV Level)	98.946	122.59	63.106	33.196
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	1.930	2.45	2.196	0.107
k	Total Loss due to Defective meter billing	1.705	1.44	0.810	0.026
l	% of loss w.r.t Input Energy	1.723	1.17	1.284	0.077

Sample data for meter readings by installing temporary static meters are collected for the unmetered metered LT consumers. These data are given in the following format.

Now, Total Loss due to Unmetered Consumers & others are assessed as

= (Loss due to Unmetered meter Billing) × (Percentage of Loss w.r.t. billing record of the DISCOM) × (Percentage of Unmetered consume w.r.t. total LT consumer meters)

TABLE- 22 : COMPUTATION OF COMMERCIAL LOSSES DUE TO UNMETERED CONSUMERS & OTHERS					
Sl.No.	DESCRIPTION	JABALPUR	BHOPAL	MORENA	BURHANPUR
a	Consumption As per field study	8912	6455	9323	7662
b	As per billing record of the DISCOM	7233	5300	6170	6517
c	Loss due to Un metered Consumer & Others Billing	1679	1155	3153	1145
d	% of loss w.r.t billing record of the DISCOM	23.213	21.792	51.102	17.569
e	Total no of Consumer	246606	301109	111592	122407
f	Total Un metered Consumer & Others	493	67952	37126	20287
g	% of Un metered Consumer & Others w.r.t Total meter	0.2	22.567	33.269	16.573
h	Total Billing in MU	77.194	98.2057	30.17828	25.629
i	Total Input in MU (33KV Level)	98.946	122.586	63.106	33.196
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	0.154	22.162	10.040	4.247
k	Total Loss due to Un metered Consumer & Others Billing	0.036	4.830	5.131	0.746
l	% of loss w.r.t Input Energy	0.036	3.940	8.130	2.248

COMPUTATION OF LOSS DUE TO UNREALIZED REVENUE:

Unrealized revenue is the revenue which is not realized due to non-payment of the consumers. Hence Energy loss due to unrealized revenue is the amount of energy loss converted from equivalent revenue loss.

Hence the total loss due to unrealized revenue of each circle found out as

$$\text{Loss due to Unrealized Revenue} = \sum (\text{Energy Billed} - \text{Energy Collected})$$

TABLE- 23 : SUMMARY OF BILLING & COLLECTION DATA OF FOUR CIRCLE OF MADHYAPRADESH STATE																
Sl. No	Customer Category/Name of the Circle	Energy Billing in MU					Energy Billing in Lakhs					Energy Collection in Lakhs				Total
		Jabal-pur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabal-pur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabal-pur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33KV HT BULK (Centralized as well as De-Centralized)	11.780	43.806	7.558	9.077	72.221	707.390	2849.358	540.904	570.620	4668.271	646.541	2794.274	540.798	570.620	4552.232
2	11KV HT BULK (Centralized as well as De-Centralized)	8.194	0.601	0.299	0.094	9.189	583.650	57.417	24.844	6.240	672.152	539.112	48.474	20.616	6.240	614.442

REPORT OF STUDY ON ASSESSMENT OF COMPONENT-WISE AT&C LOSS

Sl. No.	Customer Category/Name of the Circle	Energy Billing in MU					Energy Billing in Lakhs					Energy Collection in Lakhs				Total
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
3	Domestic	40.240	21.996	10.067	8.197	80.500	1935.200	948.760	534.830	762.720	4181.510	2001.381	856.880	451.300	590.383	3899.944
4	Commercial	9.540	3.244	1.897	1.137	15.818	611.060	244.570	133.440	79.180	1068.250	532.595	158.060	113.436	59.812	863.902
5	Industrial (LT)	1.910	1.678	1.664	5.697	10.949	128.950	118.520	187.590	278.470	713.530	113.169	90.110	148.791	260.690	612.760
6	Government	1.060	0.338	0.204	0.379	1.981	66.620	26.750	13.300	26.390	133.060	57.855	21.180	11.862	17.330	108.227
7	others (Public, Religious, Street Light & Water)	4.470	26.542	8.489	1.048	40.549	649.470	839.320	573.280	46.950	2109.020	457.146	700.750	448.960	46.950	1653.806
	TOTAL	77.194	98.206	30.178	25.629	231.207	4682.340	5084.695	2008.188	1770.570	13545.793	4347.798	4669.727	1735.763	1552.025	12305.313

SUMMARY OF COMPONENT-WISE AT&C LOSSES ARE GIVEN BELOW FOR THE STATE OF MADHYA PRADESH.

TABLE- 24 : SUMMARY OF COMPONENT-WISE AT&C LOSSES OF FOUR CIRCLE OF MADHYAPRADESH STATE							
Sl.No	Particulars	Unit	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total
			Monthly	Monthly	Monthly	Monthly	Monthly
1	Energy Input at 33 kV Level	MU	98.946	122.586	63.106	33.196	317.833
2	Metered Energy Sales	MU	77.194	98.206	30.178	25.629	231.207
3	Energy Billed	MU	77.194	98.206	30.178	25.629	231.207
4	Energy Loss in MU	MU	21.752	24.380	32.927	7.567	86.626
5	Revenue Billed	Rs. lac	4682.340	5084.695	2008.188	1770.570	13545.793
6	Revenue collected	Rs. lac	4347.798	4669.727	1735.763	1552.025	12305.313
7	Billing Efficiency	%	78.016	80.112	47.822	77.206	72.745
8	Collection Efficiency	%	92.855	91.839	86.434	87.657	90.842
9	% of AT&C Losses	%	27.558	26.426	58.666	32.324	33.917
10	AT&C Loss	MU	27.267	32.395	37.021	10.730	107.413
11	Unrealized Revenue	MU	5.515	8.015	4.094	3.163	21.173
12	% of Unrealized Revenue wrt input energy	%	5.574	6.538	6.487	9.530	6.662

REPORT OF STUDY ON ASSESSMENT OF COMPONENT-WISE AT&C LOSS

13	33 kV line loss	MU	2.420	1.858	1.395	0.460	6.133
14	% 33 kV line loss wrt input energy	%	2.446	1.516	2.211	1.384	1.930
15	33/11 kV PSS loss	MU	0.815	0.841	0.678	0.309	2.643
16	% 33 /11 kV PSS loss wrt input energy	%	0.824	0.686	1.074	0.930	0.832
17	11 kV line loss	MU	5.017	5.210	3.340	2.029	15.597
18	% 11 kV line loss wrt input energy	%	5.070	4.250	5.293	6.114	4.907
19	LT line loss	MU	8.235	7.409	5.412	3.232	24.289
20	% LT line loss wrt input energy	%	8.323	6.044	8.577	9.737	7.642
21	Commercial loss due to Defective meter	MU	1.705	1.440	0.810	0.026	3.981
22	% Commercial loss due to Defective meter wrt input energy	%	1.723	1.175	1.284	0.077	1.252
23	Commercial loss due to Unmetered & others	MU	0.036	4.830	5.131	0.746	10.742
24	% Commercial loss due to Unmetered & others wrt input energy	%	0.036	3.940	8.130	2.248	3.380
25	Commercial loss due to theft	MU	3.523	2.791	16.161	0.765	23.240
26	% of Commercial loss due to theft w.r.t Input Energy	%	3.561	2.277	25.609	2.303	7.312

14. EXTRAPOLATION OF AT&C LOSS FOR THE STATE :

TABLE- 25 : EXTRAPOLATION OF ASSESSMENT OF COMPONENT-WISE AT&C LOSSES FOR THE STATE, MADHYA-PRADEH :											
SL. NO	NAME OF THE CIRCLES/STATE	FORMULAE	33 KV INPUT ENERGY (MU)	TECHNICAL LOSS (MU)				COMMERCIAL LOSS (MU) DUE TO			
				PSS Loss	33 KV	11 KV	LT	THEFT-ING	DEFECTIVE METERS	UNMETER-ING & OTHERS	UNREAL-IZED REVENUE
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
A	JABALPUR CITY	COMPUTED DATA	98.946	0.815	2.420	5.017	8.235	3.523	1.705	0.036	5.515
B	BHOPAL O&M		122.586	0.841	1.858	5.210	7.409	2.791	1.440	4.830	8.015
C	MORENA		63.106	0.678	1.395	3.340	5.412	16.161	0.810	5.131	4.094
D	BURHAN-PUR		33.196	0.309	0.460	2.029	3.232	0.765	0.026	0.746	3.163
E	TOTAL (MU)	$E = (A+B+C+D)$	317.833	2.643	6.133	15.597	24.289	23.240	3.981	10.742	21.173
F	AVERAGE LOSS	$F = (E/4)$	79.458	0.661	1.533	3.899	6.072	5.81	0.995	2.686	5.293
G	MADHYA PRADESH	Extrapolated	3244.498	26.994	62.619	159.208	247.945	237.238	40.621	109.664	216.148
H	EXTRAPO-LATED % LOSS FOR MP (MU)	w.r.t. Sl. No. (a)		0.832	1.930	4.907	7.642	7.312	1.252	3.380	6.662
I	TOTAL AT&C LOSS OF MP STATE (%)	$I = \text{Sl. No. (b) + (c) + (d) + (e) + (f) + (g) + (h) + (i)}$	33.917%								

From the table on the above page components of AT&C loss are given for each of the four selected circles of Madhya Pradesh i.e.; Jabalpur City Circle, Bhopal O&M Circle, Morena Circle and Burhanpur Circle.

Now averaging the values of different components, we have got standard reference values of losses for a standard model circle and these values (component-wise) are shown in Row No. F.

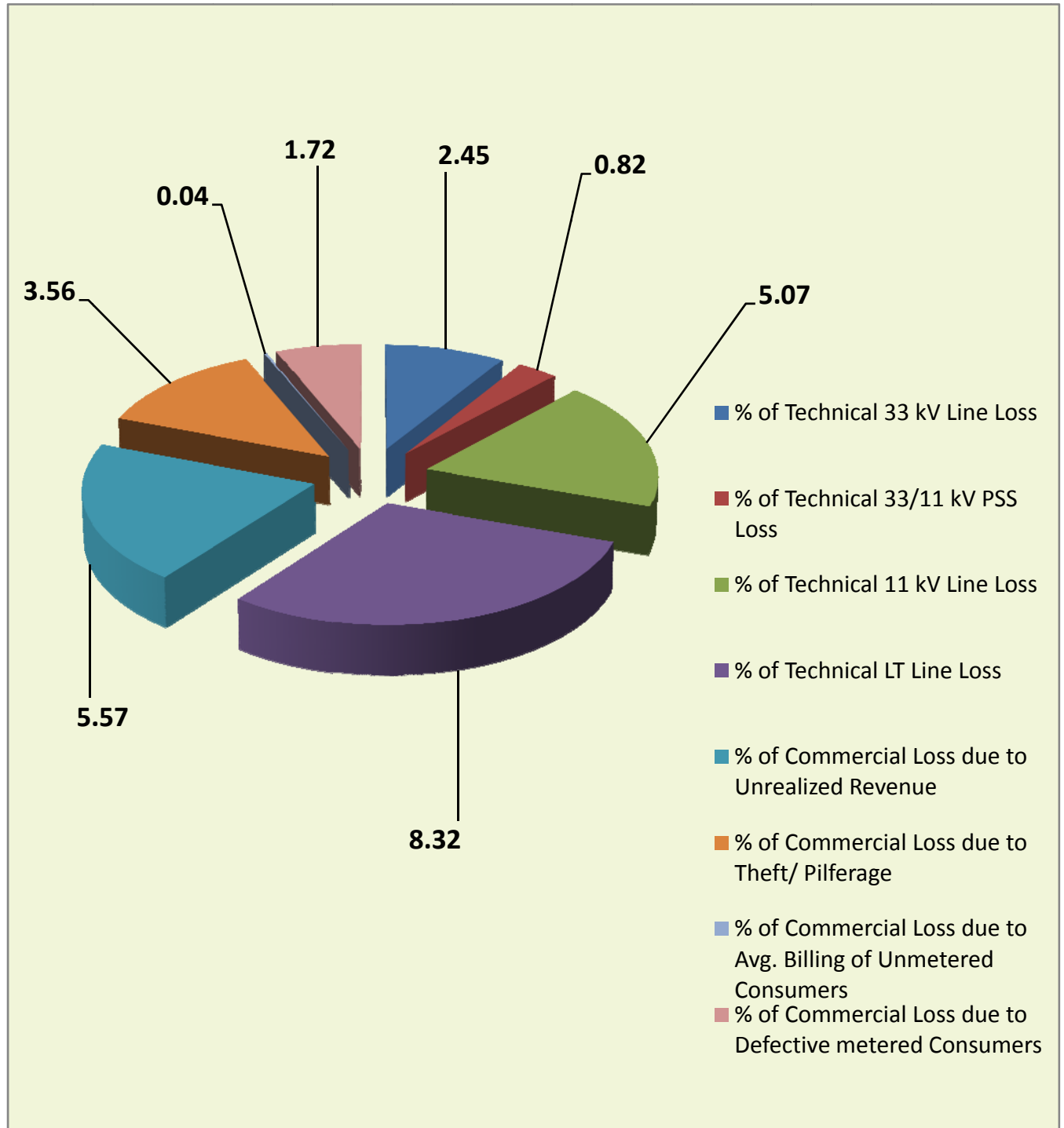
Hence a standard percentage of components of AT&C losses can easily be found out w.r.t the average value of the 33 kV Input Energy. These percentages of losses (component-wise) are shown in Row No. G

Sample circle selection was carried out considering different zones of various categories of loads like purely urban, semi-urban, agricultural, commercial and industrial including bulk loads etc. Component-wise AT&C losses of the selected four circles were assessed as per methodology mentioned in this report earlier. Since component-wise AT&C losses for four selected circles were assessed considering different types of load pattern, assessed value of component-wise AT&C losses of the selected four circles can represent entire range of component-wise losses of the State.

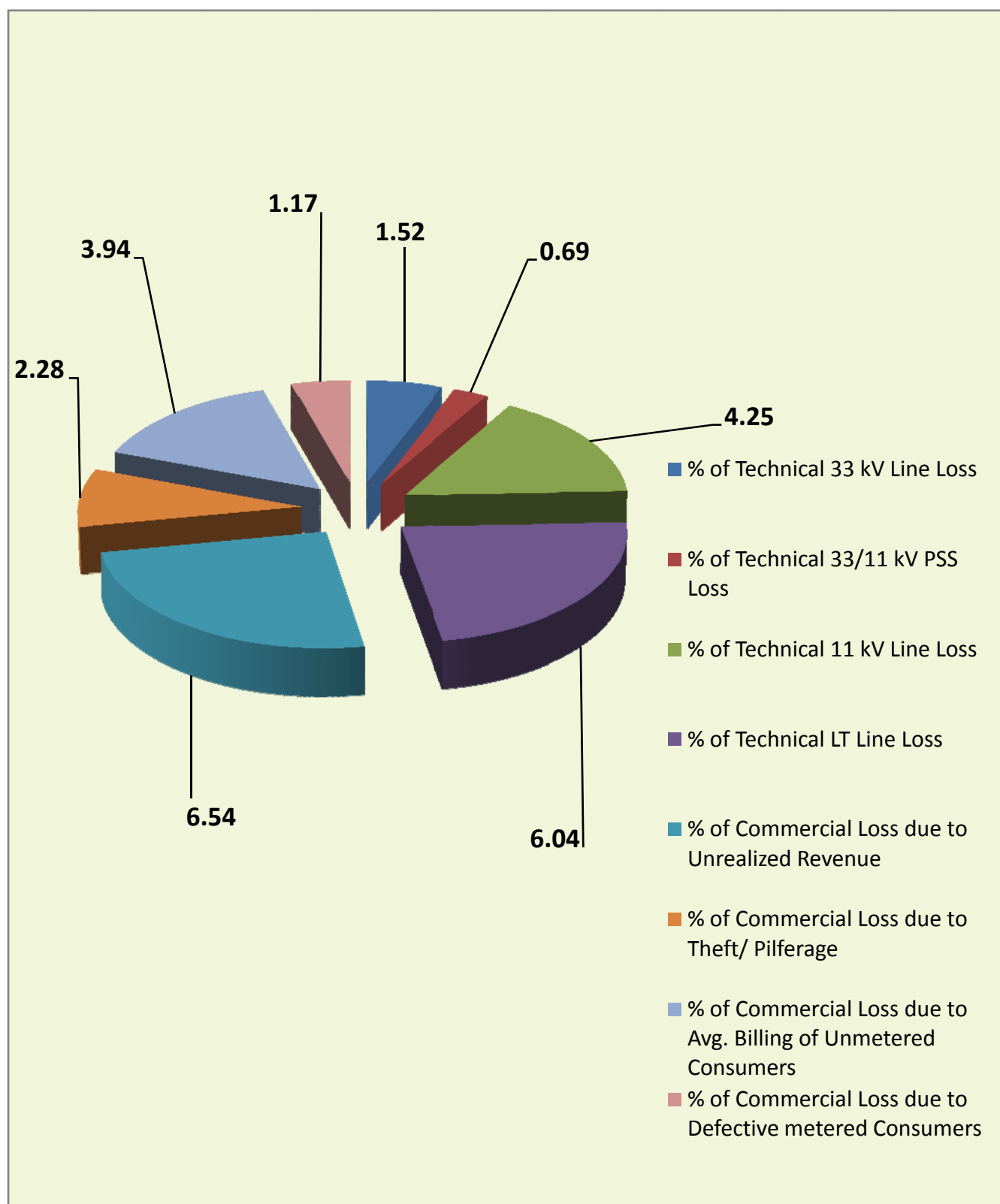
Thus the assessment values considering the average component-wise AT& C losses of the selected four circles are more or less accurate result of the State of Madhya Pradesh.

15. PIE DIAGRAM OF PERCENTAGE-WISE COMPONENT-WISE AT&C LOSSES OF MP:

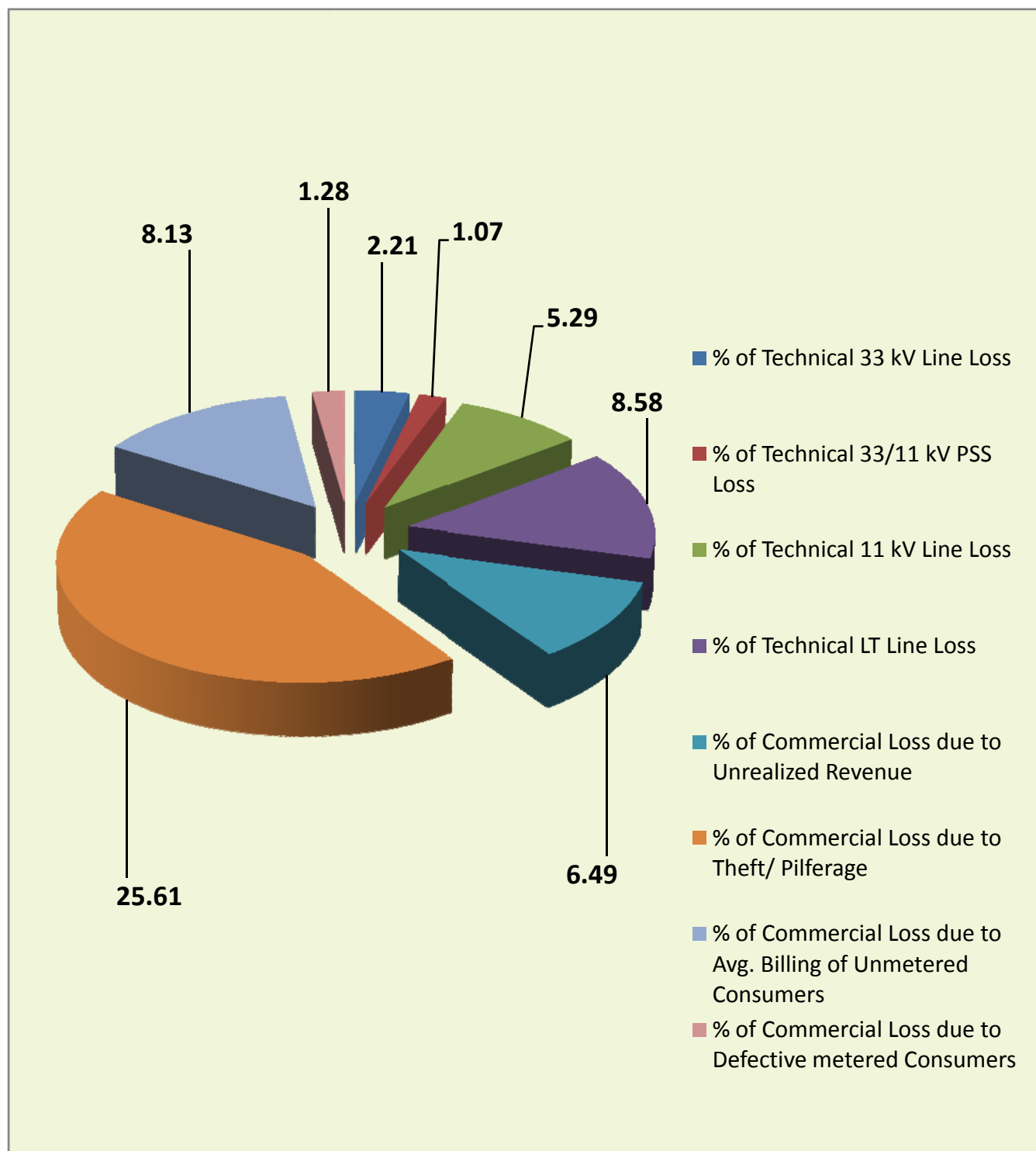
15.1 PIE DIAGRAM FOR JABALPUR CITY CIRCLE:



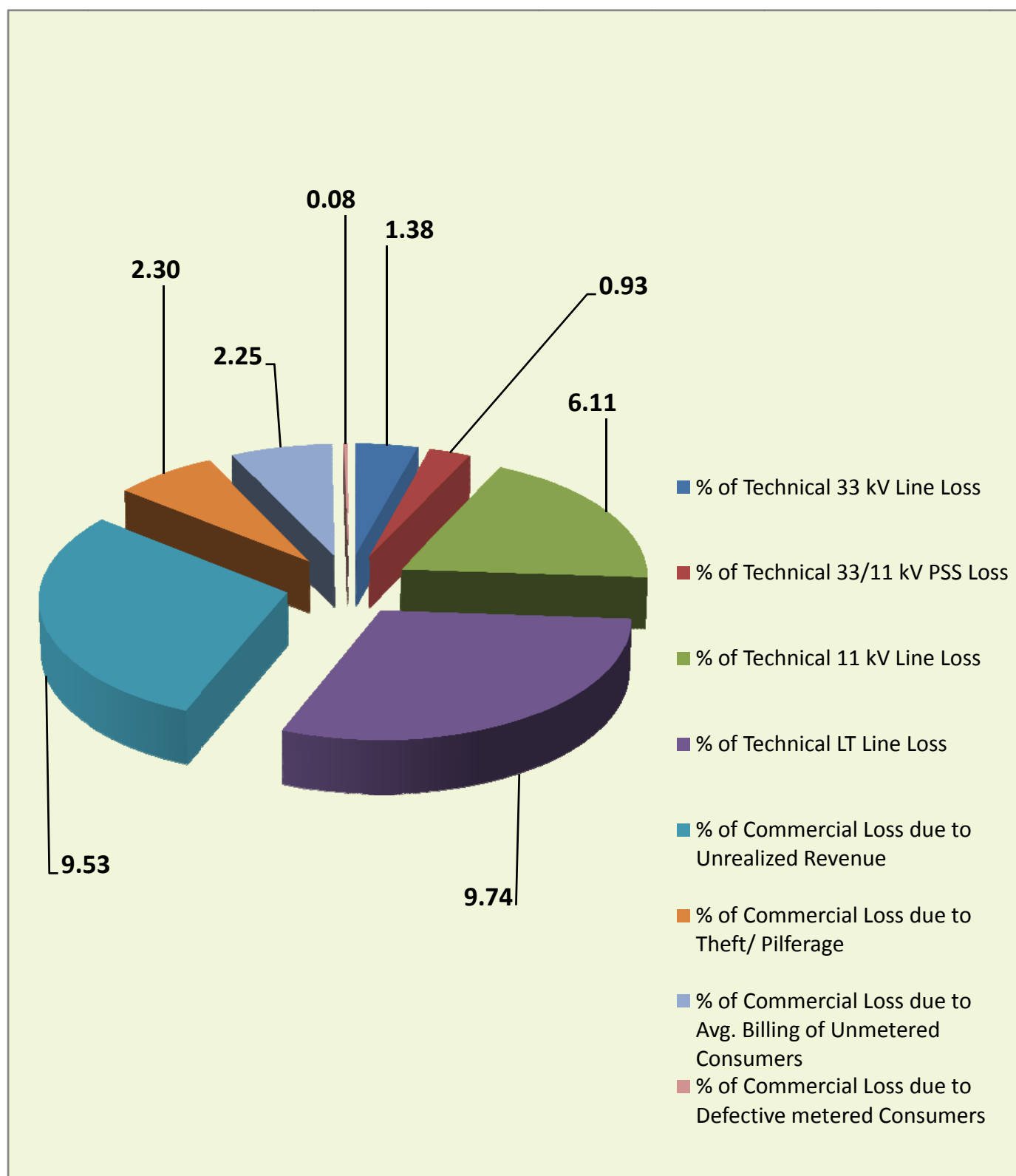
15.2 PIE DIAGRAM FOR BHOPAL O&M CIRCLE:



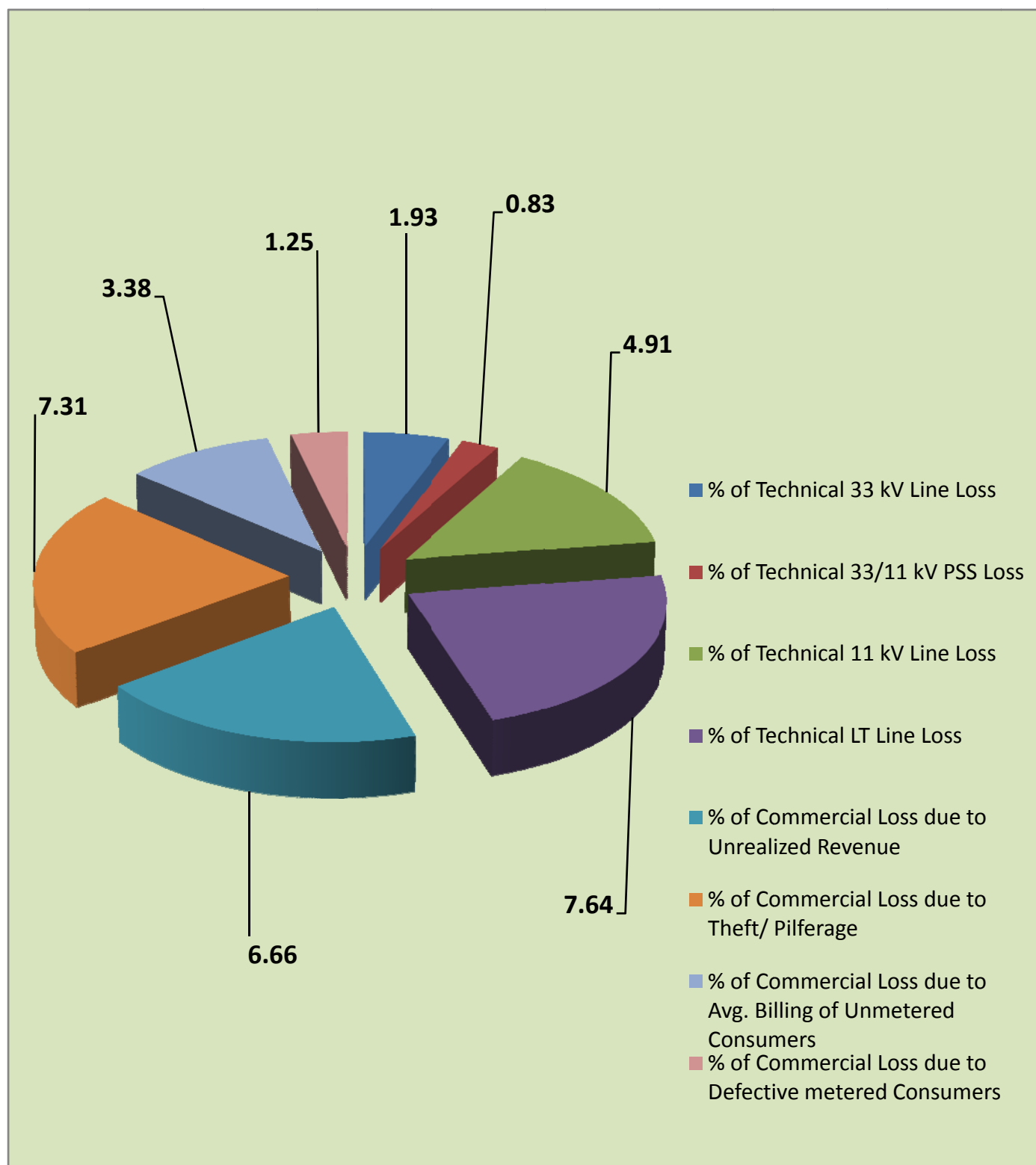
15.3 PIE DIAGRAM FOR MORENA CIRCLE:



15.4 PIE DIAGRAM FOR BURHANPUR CIRCLE:



15.5 PIE DIAGRAM FOR ENTIRE STATE OF MADHYA PRADESH:



16. CORRECTIVE MEASURE

There are various considerations and corrective measures suggested to reduce the AT&C losses of the Distribution System. With the implementation of the following corrective measures the Distribution system can become healthy and a profit making centre :

- a) LT Loss reduction can be achieved by considering HVDS and upgradation of existing network.
- b) Theft and pilferage of energy of Distribution System can be reduced by introducing insulating conductors i.e.; Aerial Bunched conductor and increasing the regular vigilance activities.
- c) Utility should conduct Energy Accounting & Audit to be carried out on regular basis for accurate measurement of the Component-wise AT&C Losses of the Distribution System.

17. CONCLUSION:

Major Components of AT&C Losses of Distribution System for the State of Madhya Pradesh are as follows :

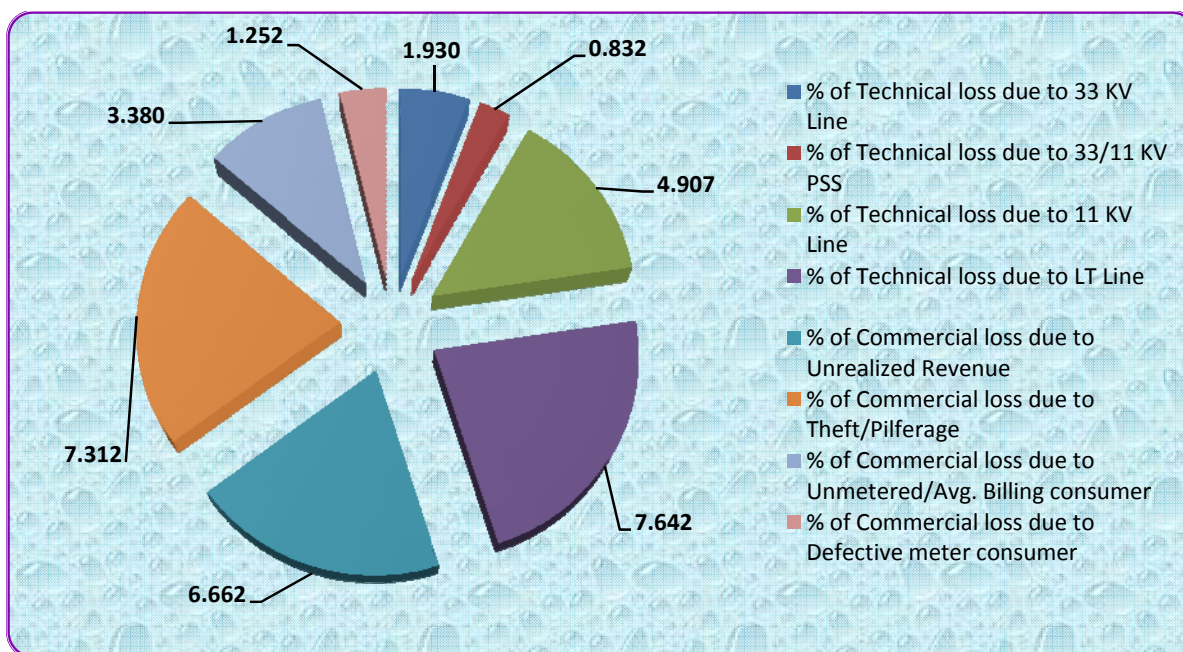
- a) Technical Loss components of Distribution System are Low Tension (LT) Line Losses.
- b) Commercial Loss components of Distribution System are due to theft and pilferage of energy.
- c) Seasonal variation of load should be considered for more accurate result for assessment of different components of AT & C Loss.

MADHYA PRADESH STATE AT A GLANCE

COMPONENT-WISE AT&C LOSS AT A GLANCE OF MADHYA-PRADEH STATE:

SL. NO.	NAME OF THE CIRCLE/STATE	FORMULA	33 KV INPUT ENERGY (MU)	% OF TECHNICAL LOSS DUE TO				% OF COMMERCIAL LOSS DUE TO				% OF AT&C LOSS
				33 KV LINE	33/11 KV PSS	11 KV LINE	LT LINE	THEFT/ PILFERAGE	DEFECTIVE METERS	UNMETERED/ AVG. BILLING	UNREALIZED REVENUE	
				(A)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
A	JABALPUR CITY	COMPUTED DATA	98.946	2.446	0.824	5.070	8.323	3.561	1.723	0.036	5.574	27.558
B	BHOPAL O&M		122.586	1.516	0.686	4.250	6.044	2.277	1.175	3.940	6.538	26.426
C	MORENA		63.106	2.211	1.074	5.293	8.577	25.609	1.284	8.130	6.487	58.666
D	BURHANPUR		33.196	1.384	0.930	6.114	9.737	2.303	0.077	2.248	9.530	32.324
E	MADHYA PRADESH STATE		3244.498	1.930	0.832	4.907	7.642	7.312	1.252	3.380	6.662	33.917

PIE DIAGRAM FOR % OF COMPONENT WISE AT&C LOSSES OF MADHYA PRADESH



Percentage of AT&C Losses of Madhya Pradesh State is 33.917

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**COMPUTATION DETAILS
ON
ASSESSMENT OF COMPONENT-WISE
AT&C LOSSES
FOR MADHYA PRADESH STATE**

VOLUME-II



A REPORT BY



MECON LIMITED
(A Govt. of India Enterprise)

MARCH 2014



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**33KV LINE LOSS ASSESSMENT OF JABALPUR
CITY CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

A) 33 KV LINE LOSS ASSESSMENT DETAIL OF JABALPUR CITY CIRCLE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
1	220KV Naya Gaon GSS	220/33KV	33KV Jabalpur -1(J-1) Feeder	1 Month	8395.142	8422.01	26.868	33 KV I/C feeder (J-1) at 33/11KV Supatal PSS	5896.336	5900.002	3.666	0.648	2.41
								33 KV I/C feeder (J-1) at 33/11KV Ukhari PSS	1536.058	1558.254	22.196		
								33 KV I/C feeder (J-1) at 33/11KV Ranital PSS	32.496	32.854	0.358		
			33KV Jabalpur -2(J-2) Feeder	1 Month	5769.01	5859.276	90.266	33 KV I/C feeder (J-2) at 33/11KV Aman Pur PSS	2199.26	2230.336	31.076	2.152	2.38
								33 KV I/C feeder (J-2) 33/11KV Supatal PSS	883.098	898.17	15.072		
								33 KV I/C feeder (J-2) at 33/11KV Ukhari PSS	611.49	634.108	22.618		
								33 KV I/C feeder (J-2) 33/11KV Ranital PSS	1269.928	1289.276	19.348		
			33KV Jabalpur -3(J-3) Feeder	1 Month	5042.256	5077.56	35.304	33 KV I/C feeder (J-3) at 33/11 KV Medical PSS	4286.95	4321.526	34.576	0.728	2.06
			33KV Jabalpur -7(J-7) Feeder	1 Month	4240.104	4277.092	36.988	33 KV I/C feeder (J-7) at 33/11 KV Lamti PSS	616.578	629.924	13.346	0.47	1.27
								33 KV I/C feeder (J-7) at 33/11 KV Medical PSS	3009.554	3032.728	23.174		
			33KV Jabalpur -8(J-8) Feeder	1 Month	2458.982	2502.98	43.998	33 KV I/C feeder (J-8) at 33/11 KV Medical PSS	1100.178	1143.626	43.448	0.55	1.25

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption n at destination end during interval in LU.	33 KV Line loss	
1	220KV Naya Gaon GSS	220/33KV	33KV Jabalpur -4 Feeder	1 Month	6486.506	6588.466	101.96	33 KV I/C feeder (J-4) at 33/11 KV Bheem Nagar PSS	1369.336	1394.452	25.116	2.5315	2.48
								33 KV I/C feeder (J-4) at South Avenue	225.425	225.845	0.42		
								33 KV I/C feeder (J-4) at Jabal pur Entertainment Conn no N396	428.338	428.892	0.554		
								33 KV I/C feeder (J-4) at 33/11 KV Gora Bazar PSS	3431.998	3479.846	47.848		
								33 KV I/C feeder (J-4) at GE WESt MES -b Conn no N81	1245.258	1245.851	0.593		
								33 KV I/C feeder (J-4) at GE WESt MES Conn no N84	4578.963	4579.0125	0.0495		
								33 KV I/C feeder (J-4) at GE WESt MES Conn no N93	554.128	554.212	0.084		
								33 KV I/C feeder (J-4) at 33/11 KV Katanga PSS	6315.225	6339.989	24.764		
			33KV Jabalpur -5 Feeder	1 Month	10562.618	10615.022	52.404	33 KV I/C feeder (J-5) at 33/11 KV Gora Bazar PSS	391.581	394.089	2.508	0.9962	1.90
								33 KV I/C feeder (J-5) at 33KV Chief Cons. Engg. Conn. No N267	1142.563	1142.823	0.26		
								33 KV I/C feeder (J-5) at 33KV M/S The commi. Munic. Cor.Conn. No N65	129.226	130.021	0.795		
								33 KV I/C feeder (J-5) at 33/11 KV Sita Pahad PSS	37.686	39.2188	1.5328		
								33 KV I/C feeder (J-5) at 33/11 KV Bilahari PSS	1425.472	1465.644	40.172		
								33 KV I/C feeder (J-5) at 33/11 KV Bheem Nagar PSS	17.784	18.194	0.41		
								33KV Rural feeder	7859.638	7865.368	5.73		
			33KV Jabalpur -6 Feeder	1 Month	5450.07	5458.388	8.318	33/11KV Bargi hill PSS	84.107	85.7533	1.6463	0.1597	1.92
								33KV Rural feeder	71.337	77.849	6.512		
33KV Complex -1	1 Month	1657.412	1669.154	11.742	33/11KV Complex PSS	1997.394	2008.8918	11.4978	0.2442	2.1			
33KV Complex -2	1 Month	4836.192	4877.676	41.484	33/11KV Complex PSS	2844.481	2885.072	40.591	0.893	2.15			
33 KV Ramnagar -1	1 Month	3756.498	3757.598	1.1	M/S The CommissionerCon.no N508	753.529	754.599	1.07	0.03	2.7			
33 KV Ramnagar -2	1 Month	45.501	53.875	8.374	M/S The CommissionerCon.no N509	9926.358	9934.625	8.267	0.107	1.28			
			Sub-Total -1				458.806				449.297943	9.50805738	2.07

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	33/11 KV Medical PSS	33/11 KV	33 KV O/G feeder (J-7) at 33/11 KV Medical PSS	1 Month	5623.992	5646.662	22.67	33 KV I/C feeder (J-7) at 33/11 KV Dhanwanatri PSS	209.66	210.668	1.008	0.406	1.79
								33 KV I/C feeder (J-7) at 33KV Director Regional Medical Conn. No N174	1145.236	1159.239	14.003		
								33 KV I/C feeder (J-7) at 33KV Wardhaman Academy Technical Conn. No N534	95637.237	95643.21	5.973		
								33 KV I/C feeder (J-7) at 33/11 KV Sanjivini Nagar PSS	249.44	250.72	1.28		
3	33/11 KV Medical PSS	33/11 KV	33 KV O/G feeder (J-3/ J-8) at 33/11 KV Medical PSS	1 Month	2937.144	2946.904	9.76	33 KV I/C feeder (J-3/ J-8)at 33/11 KV Dhanwanatri PSS	296.506	305.697	9.191	0.865	2.14
				1 Month	1835.384	1866.08	30.696	33 KV I/C feeder (J-3/ J-8)at 33/11 KV Sanjivini Nagar PSS	2652.808	2683.208	30.4		
4	33/11 KV Gora Bazar	33/11 KV	33 KV O/G feeder MES-I	1 Month	364.04	370.874	6.834	33 KV MES-I	2413.238	2419.929	6.691	0.143	2.09
			33 KV O/G feeder MES-II	1 Month	3483.254	3520.762	37.508	33 KV MES-II	8725.568	8762.59	37.022	0.486	1.296
Sub-Total -2							107.468				105.568	1.9	1.77
5	132KV Vinoba Bhawe GSS	132/33KV	33 KV Ukhari-1 Feeder	1 Month	5417.216	5463.698	46.482	33 KV I/C feeder (U-1) at 33/11 KV Bhantalaia PSS	1181.338	1208.162	26.824	1.0921	2.35
								33 KV I/C feeder (U-1) at 33/11 KV Gohalpur PSS	9.384	9.884	0.5		
								33 KV I/C feeder (U-1) at 33/11 KV Ukhari PSS	394.6	404.756	10.156		
								33 KV I/C feeder (U-1) at 33/11 KV Remeshwaram PSS	911.788	914.5979	2.8099		
			33 KV Ukhari-2 Feeder	1 Month	6061.844	6113.958	52.114	33 KV I/C feeder (U-1) at 33/11 KV Lemagarden PSS	2245.878	2250.978	5.1	1.33737265	2.57
								33 KV I/C feeder (U-2) at 33/11 KV Bhantalaia PSS	1.312	3.170	1.858		
								33 KV I/C feeder (U-2) at 33/11 KV Lemagarden PSS	106.02	115.597	9.577		
								33 KV I/C feeder (U-2) at 33/11 KV Gohalpur PSS	2372.946	2387.81	14.864		
								33 KV I/C feeder (U-2) at 33/11 KV Adhartal PSS	2642.662	2667.1396	24.48		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
5	132KV Vinoba Bhawe GSS	132/33KV	33 KV Gorabazar -1 Feeder	1 Month	6844.175	6882.01	37.835	33 KV I/C feeder (GB-1) at 33/11 KV Gora Bazar PSS	3579.318	3616.092	36.774	1.061	2.80
								33 KV I/C feeder (GB-1) at 33/11 KV Sai Nath PSS	Stand-by				
			33 KV Gorabazar -2 Feeder	1 Month	3482.1125	3494.525	12.4125	33 KV I/C feeder (GB-2) at 33/11 KV Gora Bazar PSS	707.284	708.384	1.1	0.0704	0.57
								33 KV I/C feeder (GB-2) at 33/11 KV Satpula PSS	517.036	517.816	0.78		
								33 KV I/C feeder (GB-2) at 33/11 KV Sai Nath PSS	488.455	496.833	8.378		
								33 KV I/C feeder (GB-2) at 33/11 KV Sita Pahad PSS	125.352	126.1761	0.8241		
								33 KV I/C feeder (GB-2) at TTC DY.Director Conn no 11243	5296	5296.6	0.6		
								33 KV I/C feeder (GB-2) at IIT DM	4963.22	4963.88	0.66		
			33 KV Satpula Feeder	1 Month	3026.97	3041.1525	14.1825	33 KV I/C feeder Satpula at 33/11 KV Satpula PSS	2876.272	2890.12	13.848	0.3345	2.36
			33 KV Vinoba Bhawe Feeder	1 Month	8711.605	8751.49	39.885	33 KV I/C feeder Vinoba Bhawe at 33/11 KV Vinoba Bhawe PSS	602.286	641.316	39.03	0.855	2.14
			33KV Bhantalaia Feeder	1 Month	6424.615	6485.147	60.532	33 KV I/C feeder Bhantalaia at 33/11 KV Power House PSS	1009.552	1010.368	0.816	1.528	2.52
								33 KV I/C feeder Bhantalaia at 33/11 KV Bhantalaia PSS	1403.48	1433.128	29.648		
								33 KV I/C feeder Bhantalaia at 33/11 KV Vinoba Bhawe PSS	1.526	1.586	0.06		
								33 KV I/C feeder Bhantalaia at 33/11 KV Mission Press PSS	1083.244	1111.45	28.206		
								33 KV I/C feeder Bhantalaia at 33/11 KV Ghanta Ghar PSS	5.646	5.92	0.274		
			33KV Ghantaghar Feeder	1 Month	6728.56	6778.557	49.997	33 KV I/C feeder Ghantaghar at 33/11 KV Power House PSS	3753.888	3775.02	21.132	1.469	2.94
								33 KV I/C feeder Ghantaghar at CTO DE Admn. Conn no 146	2782.08	2783.596	1.516		
								33 KV I/C feeder Ghantaghar at 33/11 KV Ghanta Ghar PSS	3414.216	3440.10	25.88		
			Sub-Total -3			313.44				305.692627	7.74737265	2.47	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
6	132KV VFI GSS	132/33KV	33 KV GCF Feeder	1 Month	1174.115	1183.1005	8.9855	33 KV I/C feeder GCF at 33/11 KV Satpula PSS	293.544	296.478	2.934	0.1935	2.15
								33 KV I/C feeder GCF at 33/11 KV JP Nagar PSS	279.634	285.193	5.559		
								33 KV GE.East mes Con.no N52220	4563.212	4563.301	0.089		
								33 KV GE.East mes Con.no N26225	5592.33	5592.54	0.21		
			33 KV Adhartal Feeder	1 Month	4653.596	4670.832	17.236	33 KV Milk Scheme	520	520.65	0.65	0.419	2.43
								33 KV NRC Director National	711.98	712.36	0.38		
								33 KV I/C feeder Adhartal at 33/11 KV Maharajpur PSS	926.178	939.37	13.192		
								33 KV TTC HT consumer	17193.44	17193.614	0.174		
								33 KV I/C feeder Adhartal at 33/11 KV Richhai PSS	8.058	8.718	0.66		
								33 KV I/C feeder Adhartal at 33/11 KV Adhartal PSS	1554.0615	1555.82	1.76		
			33 KV Richhai Feeder	1 Month	2499.029	2529.615	30.586	33 KV GD Agarwal Con.no N360	336.27	336.61	0.34	0.577	1.89
								33 KV Jabali Steel Con.no N233	669.9	670.382	0.482		
								33 KV Bahubali Con.no N60	9912.36	9912.78	0.42		
								33 KV PG Enterprise Con.no N392	1592.35	1593.45	1.1		
								33 KV Commercial Engg. Con.no N137	6536.35	6537.55	1.2		
								33 KV Sadhana Packaging . Con.no N584	6543.58	6544.65	1.07		
								33 KV Rajasthan Patrica . Con.no N406	675.38	676.81	1.43		
								33 KV Balaji Edibale . Con.no N293	873.25	873.41	0.16		
								33 KV Raj.Exp . Con.no N364	8423.5	8424.59	1.09		
								33 KV Nayi Duniya. Con.no N319	9463.58	9463.719	0.139		
								33 KV Vinar Ispat. Con.no N333	1189.96	1190.389	0.429		
								33 KV Jabalpur Polytext. Con.no N442	3789.63	3790.168	0.538		
								33 KV Haribhoomi comm. Con.no N359	4896.36	4897.36	1.0		
								33 KV Jabali paper Con.no N565	9876.36	9877.16	0.8		
								33 KV I/C feeder Richhai at 33/11 KV Richhai PSS	1512.12	1531.931	19.811		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
6	132KV VFI GSS	132/33KV	33 KV OF Take	1 Month	2597.173	2614.94	17.767	33 KV GM OFTK. Con.no N31	8936.67	8944.87	8.2	0.467	2.63
								33 KV GM OFTK. Con.no N39	6893.3	6902.4	9.1		
			33 KV Gokalpur Feeder	1 Month	1527.51	1565.676	38.166	33 KV I/C feeder Gokalpur at 33/11 KV Manegaon PSS	796.08	796.58	0.5	0.8	2.10
								33 KV Muni. Corpo. Ranjhi Con.no N184180	8963.6	8964.6	1.0		
								33 KV I/C feeder Gokalpur at 33/11 KV Gokalpur PSS	1527.51	1563.376	35.866		
Sub-Total -4							112.7405			110.283991	2.45650887	2.18	
7	132KV Madhotal GSS	132/33KV	33 KV JP Nagar Feeder	1 Month	1362.098	1395.166	33.068	33 KV Narmada Agro Con.no N528	3452.223	3452.27	0.047	0.9021	2.73
								33 KV SK Pomp Print Con.no N531	221	221.45	0.45		
								33 KV I/C feeder JP Nagar at 33/11 KV JP Nagar PSS	1506.048	1519.4543	13.4063		
								33 KV I/C feeder JP Nagar at 33/11 KV Adhartal PSS	182.88	201.1426	18.2626		
			33 KV Leema Garden Feeder	1 Month	4272.132	4342.332	70.2	33 KV I/C feeder Leema Gardena 33/11 KV Leema Garden PSS	2542.584	2579.06	36.476	1.5133	2.16
								33 KV I/C feeder Leema Gardena 33/11 KV Marhotal PSS (Jabalpur O&M)	4485.639	4493.364	7.725		
								33 KV Splindid Motors LTD Con.no N358	2350.002	2351.528	1.526		
								33 KV Vikrant Tradecom Pvt LTD Con.no N212	223.89	225.91	2.02		
								33 KV Div Engg. Admn Tele. Con.no N168	996.33	996.85	0.52		
								33 KV Bharti Telenet Ltd. Con.no N154	789.22	792.33	3.11		
								33 KV I/C feeder Leema Gardena 33/11 KV Remeshwaram PSS	1475.656	1492.9657	17.3097		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
7	132KV Madhotal GSS	132/33KV	33 KV Madhotal Rimjha Feeder	1 Month	3719.429	3727.313	7.884	33 KV I/C feeder Madhotal Rimjha 33/11 KV Marhotal PSS (Jabalpur O&M)	238.563	239.418	0.855	0.1775	2.25
								33 KV M/S Adl Surveyor General Con.no N117	527.378	529.216	1.838		
								33 KV M/S Dy.General Manager SBI Con.no N167	671.398	672.283	0.885		
								33 KV I/C feeder Madhotal Rimjha 33/11 KV kachnar PSS	27.631	29.451	1.82		
								33 KV I/C feeder Madhotal Rimjha 33/11 KV Lamti PSS	201.574	203.883	2.3085		
Sub-Total -5							111.152				108.5591	2.5929	2.33
Grand -Total (Sub-Total -1+Sub-Total -3+.....+Sub-Total -5)							998.0385	Grand -Total (Sub-Total -1+Sub-Total -3+.....+Sub-Total -5)			973.834	24.2048	2.446
Jabalpur City Circle 33KV side Input Energy in LU (Sub-Total -1+Sub-Total -3+ Sub-Total -4 + Sub-Total -5 - consumption due to 33 kv feeder feed to Jabalpur O&M Division + 33 Kv line loss due to Medical & Gorabazar PSS)							989.4585	Jabalpur City Circle 33 KV line loss wrt total input energy (33KV side)				24.2048	2.446

N.B: a) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

b) In Jabalpur Circle 33KV side Input energy is the sum of 33kv out going feeder from four no of GSS plus 33 KV line loss due to 33kv feeder out going from Medical & Gora bazar PSS.

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

A) 33 KV LINE LOSS ASSESSMENT DETAIL OF BHOPAL O&M CIRCLE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy	
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss		
1	132KV Nasrullaganj GSS	132/33KV	33KV Rehati Feeder	1 month	445.870	467.183	21.313	33 KV I/C feeder Rehati at 33/11KV Rehati Feeder PSS	Meter defective / Meter not Installed yet.					
			33 KV I/C feeder Rehati at 33KV Reliable Dairy &farms. Conn. No 519772											
			Sub-Total -1					21.313						
			33KV Chakaldi Feeder	1 month	448.037	468.984	20.947	33 KV I/C feeder Chakaldi at E.E kolkar project Rehati. Conn. No 511215	Meter defective / Meter not Installed yet.					
			33 KV I/C feeder Chakaldi at 33KV Conveyer & rope way service. Conn. No 572742											
			33 KV I/C feeder Chakaldi Feeder at 33/11KV Chakaldi PSS											
			33 KV I/C feeder Chakaldi at 33/11KV Mardanpur PSS											
			33 KV I/C feeder Chakaldi at 33/11KV Nakkitalai PSS											
			Sub-Total -2					20.947						
			33KV Nasrullaganj Feeder	1 month	458.417	481.710	23.293	33 KV I/C feeder Nasrullaganj at 33/11KV Nasrullaganj PSS	1675.072	1697.688	22.616	0.6772	2.90728625	
			Sub-Total -3					23.293		Sub-Total -3		22.616	0.6772	2.90728625
			33KV Ladkui Feeder	1 month	462.257	478.829	16.572	33 KV I/C feeder Ladkui at 33/11KV Ladkui PSS	Meter defective / Meter not Installed yet.					
33 KV I/C feeder Ladkui at 33/11KV Rafiqganj PSS														
33 KV I/C feeder Ladkui at 33/11KV Bhadakui PSS														
Sub-Total -4					16.572									

**33KV LINE LOSS ASSESSMENT OF BHOPAL
O&M CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
1	132KV Nasrullaganj GSS	132/33KV	33KV Gopalpur Feeder	1 month	237.616	237.619	0.004	33 KV I/C feeder Gopalpur at 33/11KV Gopalpur PSS					Meter defective / Meter not Installed yet.
								33 KV I/C feeder Gopalpur at 33/11KV Hameedganj PSS					
								33 KV I/C feeder Gopalpur at 33/11KV Vasudeo PSS					
								33 KV I/C feeder Gopalpur at 33/11KV Gillore PSS					
			Sub-Total -5					0.004					
			33KV Neelkantha Feeder	1 month	370.794	374.792	3.998	33 KV I/C feeder Neelkantha at 33/11KV Neelkantha PSS			Meter defective / Meter not Installed yet.		
			Sub-Total -6					3.998					
Input Energy 132KV Nasrullaganj GSS (Sub-Total -3) -P							23.293	33kv line loss Nasrullaganj GSS Sub-Total -3				0.6772	2.90728625
			Total Input Nasrullaganj GSS -A				86.128	Total Energy loss wrt Input Nasrullaganj GSS -A (considering same average % of loss)			2.50397587	2.90728625	
2	220KV M'DEEP GSS	220/33KV	33 KV Satrang Feeder	1 month	1978.990	2024.962	45.972	33 KV I/C feeder Satrang at Lupin ltd Conn no 524207	Energy Calculated based upon average consumption of connected load.		0.03642	0.163	0.35456365
								33 KV I/C feeder Satrang at Life span biotech (p) ltd Conn no 524638			0.1561		
								33 KV I/C feeder Satrang at Parle Agro Industries Conn no 560201			1.074		
								33 KV I/C feeder Satrang at Amtek Auto Ltd Conn no 566193			11.4625		
								33 KV I/C feeder Satrang at Mica Ply Conn no 572637			0.3838		
								33 KV I/C feeder Satrang at Lake City Rubber (p) ltd Conn no 572645			0.0755		
								33 KV I/C feeder Satrang at Base tower pvt ltd Conn no 575597			0.03612		
								33 KV I/C feeder Kolar at Saran ispat pvt ltd Conn no 580667			2.1744		
								33 KV I/C feeder Satrang at M P agro food industries Conn no 520553			2.2512		
								33 KV I/C feeder Satrang at O M Extrusion Conn no 529740			0.16668		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	220KV M'DEEP GSS	220/33KV						33 KV I/C feeder Satrang at Steel Inovation pvt ltd Conn no 537590			0.26004		
								33 KV I/C feeder Satrang at Vista Organics (P) LTD Conn no 572164			0.6068		
								33 KV I/C feeder Satrang at Gas & Metals Industries Conn no 572343			0.02168		
								33 KV I/C feeder Satrang at Tristal Beverages Conn no 572753			2.9188		
								33 KV I/C feeder Satrang at Hawkey Industrial securities Conn 572806			0.376		
								33 KV I/C feeder Satrang at Heg Ltd Conn no 572846			0.18496		
								33 KV I/C feeder Satrang at Satrang Steel & alloy pvt ltd Conn no 580520			23.624		
								Sub-Total -1			45.809	0.163	
			33 KV Kolar Feeder	1 month	2.692	9.029	6.337	33 KV I/C feeder Kolar at GMMPAKAN Conn no 502187	Energy Calculated based upon average consumption of connected load.		0.87196477	0.066505	1.04947136
								33 KV I/C feeder Kolar at The GMMPAKAN Conn no 502717			0.73091338		
								33 KV I/C feeder Kolar at Sonic Biochem Ltd Conn no 520751			3.31051031		
								Hindusthan Electrical Graffite Ltd Conn no 572567			0.29169649		
								33 KV I/C feeder Kolar at Parmali Wallace (p) ltd Conn no 572831			0.99869313		
								33 KV I/C feeder Kolar at Girdhar Sikhsha Samiti Conn no 585752			0.06671692		
								Sub-Total -2			6.270495	0.066505	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy	
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss		
2	220KV M'DEEP GSS	220/33KV	33 KV Dawat Feeder	1 month	1034.700	1049.940	15.240	33 KV I/C feeder Dawat at Higmanshu flour mills Conn no 539197	Energy Calculated based upon average consumption of connected load.		1.6966	0.17457	1.14547244	
								33 KV I/C feeder Dawat at Dawat foods pvt ltd Conn no 540617			5.16924			
								33 KV I/C feeder Dawat at Narmada cereal (p) ltd Conn no 540646			1.28652			
								33 KV I/C feeder Dawat at G.K.Xianghe electricals (p) ltd Conn no 572703			0.30594			
								33 KV I/C feeder Dawat at Shri Vijay Index plastic Conn no 572707			0.169			
								33 KV I/C feeder Dawat at L M Bakers Pvt Ltd Conn no 520774			0.4216			
								33 KV I/C feeder Dawat at Moenus Textiles Mills Conn no 557578			5.9412			
								33 KV I/C feeder Dawat at Vigyashree Saroda Ltd Conn no 572756			0.0427			
								Precision Engg Components Conn no 572812			0.03263			
								Sub-Total -3						
			33 KV Mahapet Feeder	1 month	309.958	318.980	9.022	33 KV I/C feeder Mahapet at S.S.A int ltd Conn no 540713	Energy Calculated based upon average consumption of connected load.		2.566	0.09301	1.03092441	
								33 KV I/C feeder Mahapet at Mahapet India pvt ltd Conn no 572721			1.1076			
								33 KV I/C feeder Mahapet at P.G Infra & ser (pvt) ltd Conn no 511805			0.022			
								33 KV I/C feeder Mahapet at Pearl insulators (p) ltd Conn no 549817			1.2672			
								33 KV I/C feeder Mahapet at G.E.I power ltd Conn no 572725			0.41442			
								33 KV I/C feeder Mahapet at Surendra Composites (p) ltd Conn no 572733			0.1686			
								33 KV I/C feeder Mahapet at Crompton greeves Conn no 572789			1.37724			
								33 KV I/C feeder Mahapet at ENN -Key engineering Conn no 572797			0.0482			
								33 KV I/C feeder Mahapet at Bansal extraction Conn no 572855			0.92449			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	220KV M'DEEP GSS	220/33KV						33 KV I/C feeder Mahapet at Indicus venture Conn no 572855			0.92449		
								33 KV I/C feeder Mahapet at Saiphiya Technologica Conn no 572860			0.09031		
								33 KV I/C feeder Mahapet at Purvanchal engg project Conn no 572863			0.01844		
			Sub-Total -4				9.022		Sub-Total -4		8.92899	0.09301	1.03092441
			33 KV Oswal Feeder	1 month	2209.610	2224.983	7.668	33 KV I/C feeder Oswal at Bhaskar EXX Oils Limited Conn no. 541168	Energy Calculated based upon average consumption of connected load.		0.355273	0.095	1.23528807
								33 KV I/C feeder Oswal at Standard Surfuctent Ltd. Conn No. 556212			0.80461356		
								33 KV I/C feeder Oswal at Standard Surfuctent Ltd. Conn No. 556213			4.27783407		
								33 KV I/C feeder Oswal at Reliable Cigratte Conn No. 572194			2.13555748		
			Sub-Total -5				7.668		Sub-Total -5		7.57327811	0.09472189	1.23528807
			33 KV Reliance Feeder	1 month	933.480	934.934	1.454	33 KV I/C feeder Reliance at SS Bindra Roller Flour Mills Conn No. 539562	Energy Calculated based upon average consumption of connected load.		0.25861	0.02202	1.51444292
								33 KV I/C feeder Reliance at SS Bindra Roller Flour Mills Conn No. 539563			0.061		
								33 KV I/C feeder Reliance at Anand Hi SEAS Conn No. 556604			0.0066		
								33 KV I/C feeder Reliance at Reliance Petro Marketing Conn No. 572533			0.0002		
								33 KV I/C feeder Reliance at Raj Education & Welfare Society Conn No. 597706			0.04103		
								33 KV I/C feeder Reliance at Daulatram Engg. Service Ltd. Conn No. 572115			0.4561		
								33 KV I/C feeder Reliance at Bhanwar Deep Coppr. Strip Conn No. 572371			0.0511		
								33 KV I/C feeder Reliance at Surin Automotive Pvt. Ltd. Conn No. 572828			0.49704		
								33 KV I/C feeder Reliance at Anant Utsav Shiksha Samity Conn No. 597736			0.0603		
			Sub-Total -6				1.454		Sub-Total -6		15.4186497	0.02202	1.51444292

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy			
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss				
2	220KV M'DEEP GSS	220/33KV	33KV O'Ganj -1 Feeder	1 month	1250.998	1276.418	25.420	33 KV I/C feeder O'Ganj -1 at 33/11 kV Arjun Nagar PSS 33 KV I/C feeder O'Ganj -1 at 33/11 kV O'Ganj PSS	Meter defective / Meter not Installed yet.							
			Sub-Total -7				25.420									
			33KV O'Ganj -2 Feeder	1 month	1355.536	1377.958	22.422	33 KV I/C feeder O'Ganj -1 at 33/11 kV O'Ganj PSS 33 KV I/C feeder O'Ganj -1 at 33/11 kV KHASHROD PSS 33 KV I/C feeder O'Ganj -1 at 33/11 kV SIMRAI PSS 33 KV I/C feeder O'Ganj -1 at 33/11 kV BINAYKA PSS	Meter defective / Meter not Installed yet.							
			Sub-Total -8				22.422									
			33KV Ramakhedi Feeder	1 month	817.652	836.700	19.048	33 KV I/C feeder Ramakhedi at 33/11 kV Ramakhedi PSS 33 KV I/C feeder Ramakhedi at 33/11 kV Umraoganj PSS	Meter defective / Meter not Installed yet.							
			Sub-Total -9				19.048									
			33KV Godrej Feeder	1 month	247.632	254.968	7.336	33 KV I/C feeder Godrej at Godrej Hersey Ltd. Conn No. 560195 33 KV I/C feeder Godrej at Crompton Greaves Pvt. Ltd. (X-MER) Conn No. 572174 33 KV I/C feeder Godrej at Crompton Greaves Pvt. Ltd. (AMORLUS Metal) Conn No. 572310	Energy Calculated based upon average consumption of connected load.	4.722	2.4809	0.0967	1.31815703			
			Sub-Total -10				7.336									
			Sub-Total -10				7.336									

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	220KV M'DEEP GSS	220/33KV	33KV IC-I Feeder	1 month	1721.510	1776.326	54.816	33 KV I/C feeder IC-I at 33/11kv M' DEEP -1 PSS	Energy Calculated based upon average consumption of connected load.		46.408	1.041	1.89816842
								33 KV I/C feeder IC-I at SHRI SHAHID SAEED KHAN Conn No. 575599			0.4816		
								33 KV I/C feeder IC-I at GLOBUS INST.OF ENGINEERING Conn No. 575587			0.1804		
								33 KV I/C feeder IC-I at ADDL.DIG.POLICE GROUP Conn No. 575293			0.1714		
								33 KV I/C feeder IC-I at M.P agrotonics LTD Conn No. 520668			0.2059		
								33 KV I/C feeder IC-I at Drevin Seismic system Conn No. 572712			0.0318		
								33 KV I/C feeder IC-I at Shakti Televentures Conn No.574603			0.0143		
								33 KV I/C feeder IC-I at Baneo Poly Tubes pvt ltd Conn No. 572157			0.184		
								33 KV I/C feeder IC-I at H.E.G ltd Conn No. 572734			0.10844		
								33 KV I/C feeder IC-I at Commandant RAF CRPF Hinotia Conn No. 574491			0.68503		
								33 KV I/C feeder IC-I at Benazeer Chemicals pvt ltd Conn No. 572859			0.31418		
								33 KV I/C feeder IC-I at AISECT Maindideep Conn No. 585727			0.16817		
								33 KV I/C feeder IC-I at Vaishanvi Patidor shiksha Conn No. 597763			0.0246		
								33 KV I/C feeder IC-I at M.P agrotonics LTD Conn No. 520843			0.17872		
								33 KV I/C feeder IC-I at C.J Geletine Conn No. 572190			0.2939		
								33 KV I/C feeder IC-I at Manaksia Clousers Conn No. 572205			0.4923		
								33 KV I/C feeder IC-I at SOM Distillaries breweris Conn No. 560169			0.325		
								33 KV I/C feeder IC-I at SMV Beverages Conn No. 560180			0.894		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
								33 KV I/C feeder IC-I at Insulators & Electricals Conn No. 572156			0.5865		
								33 KV I/C feeder IC-I at Saurabh Metals pvt ltd Conn No. 572160			0.51045		
								33 KV I/C feeder IC-I at Kunstsoff Polymars ltd Conn No. 572307			0.528		
								33 KV I/C feeder IC-I at N.K.M cables & strips Conn No. 572369			0.88345		
								33 KV I/C feeder IC-I at Rehman timbers industries Conn No. 572841			0.10536		
2	220KV M'DEEP GSS	220/33KV	Sub-Total -11				54.816		Sub-Total -11		53.7755	1.0405	1.89816842
			33KV IC-II Feeder	1 month	1959.382	2040.032	80.650	33 KV I/C feeder IC-II at Siddartha Conn No. 557521	Energy Calculated based upon average consumption of connected load.		0.828	1.85565	2.30086795
								33 KV I/C feeder IC-II at Albert David Conn No. 574206			1.69201		
								33 KV I/C feeder IC-II at Lupin Ltd. (Oral) Conn No. 574308			48.168		
								33 KV I/C feeder IC-II at Saviour Caps Conn No. 574563			1.9962		
								33 KV I/C feeder IC-II at Aristro Pharmacitucals Ltd. Conn No. 524162			6.2994		
								33 KV I/C feeder IC-II at Mapralab Pvt. Ltd. Conn No. 524594			0.4254		
								33 KV I/C feeder IC-II at Prabhakar Paper Mills Ltd. Conn No. 571172			1.08761		
								33 KV I/C feeder IC-II at RVR Technologist Ltd. Conn No. 572159			1.31717		
								33 KV I/C feeder IC-II at Gwalior Tank & Vessels Pvt. Ltd. Conn No. 572303			0.22857		
								33 KV I/C feeder IC-II at Noslar International Pvt. Ltd. Conn No. 572653			2.7386		
								33 KV I/C feeder IC-II at S.G. Plastic Pvt. Ltd. Conn No. 572757			0.30552		
								33 KV I/C feeder IC-II at Chirchind Hydro Power Conn No. 572759			0.1787		
								33 KV I/C feeder IC-II at Bio nutrients India Conn No. 572764			0.0834		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	220KV M'DEEP GSS	220/33KV						33 KV I/C feeder IC-II at Power Industries Conn No. 572839			0.28057		
								33 KV I/C feeder IC-II at Jahangir Ispat Pvt. Ltd. Conn No. 580768			13.1652		
			Sub-Total -12				80.650		Sub-Total -12		78.79435	1.85565	2.30086795
								33 KV I/C feeder IC-III at 33/11 kv madideep pss III			28.914	0.123	0.14111298
								33 KV I/C feeder IC-III at tafe motors & tractors ltd Conn No 572272			4.27		
								33 KV I/C feeder IC-III at Proctor & Gamble Conn No 556828			31.1378		
								33 KV I/C feeder IC-III at Shree industries Conn No 572 366			0.4657		
								33 KV I/C feeder IC-III at Jagatjit engineering Conn No 572454			0.22327		
								33 KV I/C feeder IC-III at Venkatesh Indigeneous pipes Conn No572577			0.55733		
								33 KV I/C feeder IC-III at Balaji Packing Industries Conn No 572701			0.56934		
								33 KV I/C feeder IC-III at Bcpl conductors (p) ltd Conn No 549325			0.52833		
								33 KV I/C feeder IC-III at Rauf enterprise Conn No 556807			0.6284		
								33 KV I/C feeder IC-III at Vidhya cylinder(p) ltd Conn No 572170			0.4816		
								33 KV I/C feeder IC-III at Crompton greaves (P) ltd Conn No 572171			4.11876		
								33 KV I/C feeder IC-III at Fujitsu optel Conn No 572176			0.1845		
								33 KV I/C feeder IC-III at Andrita Hydro pvt ltd Conn No 572184			2.6036		
								33 KV I/C feeder IC-III at Bhopal electrodes (P) ltd Conn No 572356	Energy Calculated based upon average consumption of canected load.		0.03591		
								33 KV I/C feeder IC-III at Goyal batteries Conn No 572366			0.4657		
								33 KV I/C feeder IC-III at Inspros engg pvt ltd Conn No 572370			0.41114		
			33KV IC-III Feeder	1 month	1182.064	1268.966	86.902						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	220KV M'DEEP GSS	220/33KV						33 KV I/C feeder IC-III at Windals & windals engg (P) ltd Conn No 572543			0.3302		
								33 KV I/C feeder IC-III at Sanwaria Agro oils (ltd) Conn No 572545			3.36		
								33 KV I/C feeder IC-III at Bhanwardeer copper strips-II Conn No 572715			0.0273		
								33 KV I/C feeder IC-III at Rajat Cables and conductors Conn No 572731			0.0849		
								33 KV I/C feeder IC-III at Rajpoot enterprise Conn No 572748			0.42041		
								33 KV I/C feeder IC-III at Gangotri polymar pvt ltd Conn No 572814			0.16588		
								33 KV I/C feeder IC-III at Balaji Packaging Conn No 572701			0.56934		
								33 KV I/C feeder IC-III at Makson heart Conn No 574175			1.3193		
								33 KV I/C feeder IC-III at Makson Nutrient food pvt ltd Conn No 574340			1.4708		
								33 KV I/C feeder IC-III at Kakda steel (p) ltd Conn No 580161			2.5225		
								33 KV I/C feeder IC-III at hyper steel casting pvt. ltd Conn No 572385			0.6776		
								33 KV I/C feeder IC-III at Vindyachal packers Conn No 572858			0.23576		
								Sub-Total -13					
			33KV IC-IV Feeder	1 month	63.204	64.146	0.942	33 KV I/C feeder IC-IV at M.P. Agrotonics Ltd. (Unit 2) Conn No. 520824	Energy Calculated based upon average consumption of connected load.		0.03955	0.01603	1.70169851
								33 KV I/C feeder IC-IV at Samriddhi Industries Conn No. 549819			0.1561		
								33 KV I/C feeder IC-IV at Dirk Pozzocerete Pvt. Ltd. Conn No. 572776			0.0215		
								33 KV I/C feeder IC-IV at Maruti Steel tubes Conn No. 572782			0.1058		
								33 KV I/C feeder IC-IV at Aster poly (p) Ltd Conn No. 572809			0.1284		
			33 KV I/C feeder IC-IV at Bansal engg works Conn No. 572813	0.0785									

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy	
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss		
2	220KV M'DEEP GSS	220/33KV						33 KV I/C feeder IC-IV at Mahindra steel services (CN) Conn No. 587744			0.39612			
			Sub-Total -14				0.942	Sub-Total -14				0.92597	0.01603	1.70169851
			Input Energy M'DEEP GSS 220KV-B (Sub-Total -1 -6 & Sub-Total -10-14) - Q				316.339	33kv line loss M'DEEP GSS 220KV-B (Sub-Total -1 -6 & Sub-Total -10-14)				3.74533689	1.18396306	
			Total Input M'DEEP GSS 220KV-B				383.229	Total Energy loss wrt Input M'DEEP GSS 220KV-B (considering same average % of loss)				4.537	1.18396306	
3	132/33KV M'DEEP GSS	132/33KV	33 KV bhopal II feeder	1 month	876.344	902.256	25.912	33 KV I/C feeder HEG at 33/11 kv misrod PSS	1715.348	1736.372	21.024	0.68493	2.64329268	
								33 KV I/C feeder HEG at hotel amar palace ratanpur Conn No. 572560	Energy Calculated based upon average consumption of connected load.		1.315			
								33/11 kv sahara PSS	93.4945	95.483	1.9885			
								33 KV I/C feeder HEG at My choice maruti showroom Conn No. 572654	Energy Calculated based upon average consumption of connected load.		0.384			
								33 KV I/C feeder HEG at chinar reality Conn No. 511857	Energy Calculated based upon average consumption of connected load.		0.51557			
			Sub-Total -1					25.912			25.22707	0.68493	2.64329268	
			33 KV INDUSTRIAL II Feeder	1 month	6381.558	6381.940	0.382	33 KV I/C feeder INDUSTRIAL- II at 33/11KV M' DEEP -1 PSS	6381.558	6381.93	0.372	0.010	2.61780105	
			Sub-Total -2					0.382			0.372	0.01	2.61780105	
			33 KV INDUSTRIAL I Feeder	1 month	7539.516	7539.516	0.000	33 KV I/C feeder INDUSTRIAL- I at 33/11KV M' DEEP -II PSS	Meter defective / Meter not Installed yet.					
			Sub-Total -3					0.000						
			33 KV KOLAR Feeder	1 month	1872.493	1896.385	23.892	33 KV I/C feeder KOLAR at 33/11KV POLAHA PSS	Meter defective / Meter not Installed yet.					
			Sub-Total -4					23.892						
			33 KV INDUSTRIAL III Feeder	1 month	722.196	722.572	0.376	33 KV I/C feeder INDUSTRIAL III at 33/11KV M' DEEP -IIIPSS	1444.392	1444.758	0.366	0.010	2.65957447	
			Sub-Total -5					0.376			0.366	0.01	2.61780105	
Input Energy M'DEEP GSS 132KV(Sub-Total -1 -2 &5) -R					26.670	33kv line loss M'DEEP GSS 132KV (Sub-Total -1 -2 & 5)				0.70493	2.64315711			
			Total Input M'DEEP GSS 132kv -C				17392.107	Total Energy loss wrt Input M'DEEP GSS 132KV (considering same average % of loss)				1.33644631	2.64315711	
4	132KV BARELI GSS	132/33KV	33 KV SILWANI Feeder	1 month	4259.285	4284.243	24.958	33 KV I/C feeder SILWANI at 33/11KV KEERATPUR (PSS)	Meter defective / Meter not Installed yet.					
			Sub-Total -1				24.958							
			33 KV KHARGONE Feeder	1 month	1.387	3.701	2.314	33 KV I/C feeder KHARGONE at 33/11KV KHARGONE(PSS)	Meter defective / Meter not Installed yet.					
			Sub-Total -2					2.314						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
4	132KV BARELI GSS	132/33KV	33 KV BARELI Feeder	1 month	1967.640	1998.440	30.800	33 KV I/C feeder BARELI at 33/11KV BADI (PSS)	Meter defective / Meter not Installed yet.				
			Sub-Total -3				30.800						
			33 KV DIGWAD Feeder	1 month	1675.896	1716.712	40.816	33 KV I/C feeder DIGWAD at G.M MD STATE AGRO Conn No. 520248	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder DIGWAD at Principal navodaya vidhalaya Conn No. 597746					
								33 KV I/C feeder DIGWAD at 33/11 kv digwad PSS					
								33 KV I/C feeder DIGWAD at 33/11 kv harsily PSS					
								33 KV I/C feeder DIGWAD at 33/11 kv BHARKHACH PSS					
			Sub-Total -4				40.816						
			33 KV UDAIPURA Feeder	1 month	3413.732	3437.031	23.300	33 KV I/C feeder UDAIPURA at MAHESWARI MILLING Conn No. 527568	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder UDAIPURA at 33/11 kv udaipura PSS					
								33 KV I/C feeder UDAIPURA at 33/11 kv pipaliya PSS					
								33 KV I/C feeder UDAIPURA at 33/11 kv noniya bareli PSS					
								33 KV I/C feeder UDAIPURA at 33/11 kv nayagaon PSS					
			Sub-Total -5				23.300						
			33 KVDEORI Feeder	1 month	4426.393	4444.833	18.440	33 KV I/C feeder KVDEORI at 33/11 kv KODA JAMURIA PSS	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder KVDEORI at 33/11 kv MADANPURA PSS					
								33 KV I/C feeder KVDEORI at 33/11 kv BORAS PSS					
								33 KV I/C feeder KVDEORI at 33/11 kv Thala dighawan PSS					
								33 KV I/C feeder KVDEORI at 33/11 kv Deori PSS					
			Sub-Total -6				18.440						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy		
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss			
4	132KV BARELI GSS	132/33KV	33 KV BADI Feeder	1 month	2754.533	2767.408	12.875	33 KV I/C feeder BADI at 33/11 kv BAGPIPARIYA PSS	Meter defective / Meter not Installed yet.						
								33 KV I/C feeder BADI at 33/11 kv GURARIYA PSS							
								33 KV I/C feeder BADI at 33/11 kv MANGROL PSS							
			Sub-Total -7					12.875							
			Total Input M'DEEP GSS 132kv -D					153.502							
5	132KV CHAMBAL GSS	132/33KV	33 KV ANAND NAGAR Feeder	1 month	489.130	525.086	35.957	33 KV I/C feeder ANAND NAGAR at 33/11 kv BIKHAIRIYA PSS	Meter defective / Meter not Installed yet.						
								33 KV I/C feeder ANAND NAGAR at 33/11 kv BAGRODA PSS							
								33 KV I/C feeder ANAND NAGAR at Pianeer poutries (p) ltd Conn No. 572716							
			Sub-Total -1					35.957							
			33 KV BHOPAL III Feeder	1 month	18.449	25.543	7.094	33 KV I/C feeder BHOPAL III at Satya education and welfare Conn No. 585711	Energy Calculated based upon average consumption of connected load.		0.85375	0.1828	2.57675284		
								33 KV I/C feeder BHOPAL III at Maa Bagula Mukhi Conn No. 585724			0.30477				
								33 KV I/C feeder BHOPAL III at Guru Shi Simiti Bawadiya kala Conn No. 585750			0.20388				
								33 KV I/C feeder BHOPAL III at 33/11 kv sukhi sewaniya			5.549				
			Sub-Total -2					7.094			990.723	996.272	5.549		
			Input Energy 132KV CHAMBAL GSS (Sub-Total -2) -S					7.094			33kv line loss 132KV CHAMBAL GSS (Sub-Total -2)				
Total Input Energy 132KV CHAMBAL GSS (Sub-Total -1 & 2) E					43.051			Total Energy loss wrt Input 132KV CHAMBAL GSS(considering same average % of loss)					1.10931787	2.57675284	
6	132KV BERAISIYA GSS	132/33KV	33 KV KULHORE/VIDISHA Feeder	1 month	1364.719	1381.518	16.799	33 KV I/C feeder KULHORE/VIDISHA at 33/11 kv KULHORE PSS	Meter defective / Meter not Installed yet.						
								33 KV I/C feeder KULHORE/VIDISHA at 33/11 kv SUHAYA PSS							
								33 KV I/C feeder KULHORE/VIDISHA at 33/11 kv SAPUA PSS							
			Sub-Total -1					16.799							
			33 KV SONKHACH Feeder	1 month	720.826	722.902	2.076	33 KV I/C feeder SONKHACH at 33/11 KV SONKHACH PSS	70.33	72.387	2.057	0.019	0.91522158		
6	GSS	132/33KV	Sub-Total -2					2.076			Sub-Total -2		2.057	0.019	0.91522158

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy	
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss		
132KV BERSIYA G			33 KV CHAMBAL BERSIA Feeder	1 month	8.412	20.774	12.362	33 KV I/C feeder CHAMBAL BERSIA at 33/11 kv LAMBAKHEDA PSS	Meter defective / Meter not Installed yet.					
								33 KV I/C feeder CHAMBAL BERSIA at 33/11 kv INTKHEDI PSS						
								33 KV I/C feeder CHAMBAL BERSIA at Standard carbolics Conn No. 547326						
								33 KV I/C feeder CHAMBAL BERSIA at Som distillaries & breweries ltd Conn No. 560242						
								33 KV I/C feeder CHAMBAL BERSIA at Som distillaries ltd Conn No. 583830						
			Sub-Total -3					12.362						
			33 KV BHOPAL (RATUA) Feeder	1 month	2691.876	2710.692	18.816	33 KV I/C feeder BHOPAL (RATUA) at 33/11 kv RATUA PSS	940.927	949.107	8.18	0.604	3.21109694	
								33 KV I/C feeder BHOPAL (RATUA) at 33/11 kv GUNGA PSS	636.999	641.13	4.131			
								33 KV I/C feeder BHOPAL (RATUA) at 33/11 kv DHAMRRA PSS	191.11	194.837	3.727			
								33 KV I/C feeder BHOPAL (RATUA) at Rahir ali and sons Akbar ali Conn No. 521834	Energy Calculated based upon average consumption of connected load.		0.2386			
								33 KV I/C feeder BHOPAL (RATUA) at Bhopal store crusher Conn No. 572747			0.1512			
								33 KV I/C feeder BHOPAL (RATUA) at 33/11 kv Misrod PSS			1.784			
			Sub-Total -4					18.816	Sub-Total -4		18.2118	0.604		
								33 KV I/C feeder BERSIA at BHOPAL store crusher Conn No. 572747	Energy Calculated based upon average consumption of connected load.		0.1512			
								33 KV I/C feeder BERSIA at G.K Fabricators Conn No. 572727			0.08692			
								33 KV I/C feeder BERSIA at Jaynagar shiksha samiti Conn No. 547326			0.0059			
								33 KV I/C feeder BERSIA at Maharishi center for edu (S R M) Conn No. 548316			0.4398			
								33 KV I/C feeder BERSIA at Gangotri sheet grat Conn No. 521336			0.3706			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
6	132KV BERASIYA GSS	132/33KV	33 KV BERASIA Feeder	1 month	8.412	34.368	25.956	33 KV I/C feeder BERASIA at 33/11 kv BERASIYA PSS 33 KV I/C feeder BERASIA at Labhanst stone crusher Conn No. 572784 33 KV I/C feeder BERASIA at Shriji infra (p) ltd Conn No. 572783 33 KV I/C feeder BERASIA at Stage infra (p) ltd Conn No. 572780 33 KV I/C feeder BERASIA at Karla stone crusher Conn No. 572787 33 KV I/C feeder BERASIA at sanjay sukla Conn No 572758 33 KV I/C feeder BERASIA at Malviya stone crusher Conn No. 572787 33 KV I/C feeder BERASIA at Krishna stone crusher Conn No. 572853 33 KV I/C feeder BERASIA at Silwasa poulatries Conn No. 572273 33 KV I/C feeder BERASIA at Shalima stone crusher Conn No. 572850 33 KV I/C feeder BERASIA at Manchakonda Prakashan India stone crusher Conn No. 572836 33 KV I/C feeder BERASIA at Guru Nanak stone crusher Conn No. 572822 33 KV I/C feeder BERASIA at Shubh stone crusher Conn No. 572803 33 KV I/C feeder BERASIA at Anand stone crusher Conn No. 572801 33 KV I/C feeder BERASIA at K.c.c building stone crusher Conn No. 572800 33 KV I/C feeder BERASIA at Hari O M stone crusher Conn No. 572799 33 KV I/C feeder BERASIA at Sahyog Metal stone crusher Conn No. 572796 33 KV I/C feeder BERASIA at Diwan stone crusher Conn No. 572793	755.041	776.155	21.114 0.12502 0.0119 0.10753 0.18324 0.08555 0.18324 0.12208 0.4318 0.1769 0.17462 0.10528 0.0971 0.26387 0.112 0.56146 0.31793 0.10637		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
6	132KV BERASIYA GSS	132/33KV						33 KV I/C feeder BERASIYA at ARY stone crusher Conn No. 572791			0.18983		
								33 KV I/C feeder BERASIYA at Ramjii stone crusher Conn No. 572790			0.12167		
												0.31019	1.19506087
			Sub-Total -5				25.956		Sub-Total -5		25.64581	0.31019	1.19506087
			33 KV AZEERABAD(RAMGARHA) Feeder	1 month	1935.302	1952.258	16.956	33 KV I/C feeder NAZEERABAD(RAMGARHA) at 33/11 kv RAMGARHA PSS 33 KV I/C feeder NAZEERABAD(RAMGARHA) at 33/11 kv RUNAHA PSS 33 KV I/C feeder NAZEERABAD(RAMGARHA) at 33/11 kv NAZEERABAD PSS 33 KV I/C feeder NAZEERABAD(RAMGARHA) at 33/11 kv NAYSAMAND PSS 33 KV I/C feeder NAZEERABAD(RAMGARHA) at 33/11 kv MAJEEDGARH PSS	Meter defective / Meter not Installed yet.				
			Sub-Total -6				16.956						
			Input Energy 132KV BERASIYA GSS (Sub-Total -2,4&5) -T				46.848	33kv line loss 132KV BERASIYA GSS (Sub-Total -2,4&5)				0.933	1.99237961
			Total Input Energy 132KV BERASIYA GSS (Sub-Total -1 -6) F				92.965	Total Energy loss wrt Input 132KV BERASIYA GSS(considering same average % of loss)				1.85222367	1.99237961
7	220 KV H 'BAD GSS	220/33KV	33KV BUDNI Feeder	1 month	2439.65	2462.44	22.80	33 KV I/C feeder BUDNI at C.M.O Nagar Panchayet parisad Conn No. 502816 33 KV I/C feeder BUDNI at 33/11 kv BUDNI(SEHORE DTT.ME) PSS 33 KV I/C feeder BUDNI at 33/11 kv SHAHGANJ PSS	Meter defective / Meter not Installed yet.				
			Sub-Total -1				22.795						
			33 KV SHAHGANJ	1 month	3695.56	3726.86	31.31	33 KV I/C feeder SHAHGANJ at 33/11 kv DOBIPSS 33 KV I/C feeder SHAHGANJ at 33/11 kv BAKTARA PSS 33 KV I/C feeder SHAHGANJ at 33/11 kv NANDNER PSS 33 KV I/C feeder SHAHGANJ at 33/11 kv GADAR PSS	Meter defective / Meter not Installed yet.				
			Sub-Total -2				31.308						
			Total Input BERASIYA GSS -G				54.103						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
8	132 KV GAIRATGANJ GSS	132/33KV	33 KV GAIRATGANJ Feeder	1 month	515.090	528.720	13.630	33 KV I/C feeder GAIRATGANJ at 33/11 kv GAIRATGANJ PSS 33 KV I/C feeder GAIRATGANJ at 33/11 kv SAMNAPUR PSS	Meter defective / Meter not Installed yet.				
			Sub-Total -1					13.630					
			33 KV BEGUMGANJ Feeder	1 month	1753.210	1789.044	35.834	33 KV I/C feeder GAIRATGANJ at 33/11 kv BEGUMGANJ PSS			18.03	1.028	2.86878384
								33 KV I/C feeder GAIRATGANJ at 33/11 kv DANDIYA PSS	368.04	374.032	5.992		
								33 KV I/C feeder GAIRATGANJ at 33/11 kv TULSIPAR PSS	197.268	200.448	3.18		
								33 KV I/C feeder GAIRATGANJ at 33/11 kv SULTANGANJ PSS	449.976	457.58	7.604		
			Sub-Total -2					35.834	Sub-Total -2		34.806	1.028	2.86878384
			33 KV SILWANI Feeder	1 month	2018.770	2057.692	38.922	33 KV I/C feeder SILWANI at 33/11 kv SILWANI PSS	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder SILWANI at 33/11 kv MUARPATHA PSS					
								33 KV I/C feeder SILWANI at 33/11 kv BEEKALPUR PSS					
								33 KV I/C feeder SILWANI at 33/11 kv JAITHARI PSS					
			Sub-Total -3					38.922					
33 KV DEHGAON Feeder	1 month	363.640	373.594	9.954	33 KV I/C feeder DEHGAON at 33/11 kv DEHGAON PSS	Meter defective / Meter not Installed yet.							
Sub-Total -4					9.954								
Input Energy 132 KV GAIRATGANJ GSS (Sub-Total -2) -U					35.834	33kv line loss 132 KV GAIRATGANJ GSS (Sub-Total -2)				1.028	2.86878384		
Total Input Energy 132 KV GAIRATGANJ GSS(Sub-Total -1 -4) H					98.340	Total Energy loss wrt Input 132 KV GAIRATGANJ GSS(considering same average % of loss)				2.82116202	2.86878384		
	33 KV RAISEN GSS		33 KV RAISEN Feeder	1 month	897.076	922.612	25.536	33 KV I/C feeder RAISEN at 33/11 kv RAISEN (T) PSS 33 KV I/C feeder RAISEN at Ayantika walfare resident society Conn No. 583766	685.371	710.663	25.292	0.155	0.60698622
			Meter defective		0.089								
			Sub-Total -1					25.536	Sub-Total -1		25.381	0.155	0.60698622

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
9	132	132/33KV	33 KV NAKTARA Feeder	1 month	697.650	706.180	8.530	33 KV I/C feeder NAKTARA at 33/11 kv NAKTARA PSS	917.436	922.92	5.484		
								33 KV I/C feeder NAKTARA at 33/11 kv SIRSODA PSS			2.889	0.157	1.84056272
			Sub-Total -2				8.530		Sub-Total -2		8.373	0.157	1.84056272
			33 KV NEEMKHEDA Feeder	1 month	2908.136	2918.098	9.962	33 KV I/C feeder NEEMKHEDA at 33/11 kv NEEMKHEDA PSS	1061.756	1067.218	5.462		
								33 KV I/C feeder NEEMKHEDA at 33/11 kv SEWASINI PSS	N/A	N/A	4.259	0.241	2.41919293
			Sub-Total -3				9.962		Sub-Total -3		9.721	0.241	2.41919293
			33 KV PEMAD Feeder	1 month	1559.979	1588.648	28.669	33 KV I/C feeder PEMAD at 33/11 kv PEMAD PSS	N/A	N/A	28.078	0.591	1.84056272
			Sub-Total -4				28.669		Sub-Total -4		28.078	0.157	1.84056272
			33 KV BARLA(SALAMATPUR) Feeder	1 month	1024.673	1031.495	6.822	33 KV I/C feeder BARLA(SALAMATPUR) at 33/11 kv BARLA PSS	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder BARLA(SALAMATPUR) at 33/11 kv MEHGAON PSS					
			Sub-Total -5				6.822						
			33 KV GAIRATGANJ Feeder	1 month	575.103	579.120	4.017	33 KV I/C feeder GAIRATGANJ at 33/11 kv SULTANPUR PSS	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder GAIRATGANJ at 33/11 kv MURAILKALA PSS					
								33 KV I/C feeder GAIRATGANJ at 33/11 kv SANCHET PSS					
			Sub-Total -6				4.017						
			33 KV PAGNESHWAR Feeder	1 month	26.544	30.060	3.516	33 KV I/C feeder PAGNESHWAR at EE IRRIGATION WRD Conn No.503245	Energy Calculated based upon average consumption of connected load.		0.159	0.0668	1.89988623
								33 KV I/C feeder PAGNESHWAR at Khyati foods pvt Conn No. 520775			1.752		
								33 KV I/C feeder PAGNESHWAR at Madhya bharat (A P INDIA PVT LTD) Conn No. 556321			1.028		
								33 KV I/C feeder PAGNESHWAR at AICH aar chemicals Conn No. 556341			0.2142		
								33 KV I/C feeder PAGNESHWAR at Narmada forest industries Conn No. 572530			0.2663		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A Energy consumption at 33KV outgoing meter at source end during interval in LU	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D Energy consumption at destination end during interval in LU.	C-F 33 KV Line loss	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Initial meter reading at 33 KV side of PSS (LU)		Final meter reading at 33 KV side of PSS (LU)				
								33 KV I/C feeder PAGNESHWAR at Sri Gomti jan kalyan samiti Conn No. 597720			0.0297		
			Sub-Total -7				3.516		Sub-Total -7		3.4492	0.0668	1.89988623
			Input Energy 132 KV RAISEN GSS (Sub-Total -1-4 &7) - V				76.213	33kv line loss 132 KV RAISEN GSS (Sub-Total -1-4 &7)				0.777	1.01924868
			Total Input Energy 132 KV GAIRATGANJ GSS(Sub-Total -1 -4) I				87.052	Total Energy loss wrt Input 132 KV GAIRATGANJ GSS(considering same average % of loss)				0.88727636	1.01924868
10	220 KV KURANA(BAIRAGARH) GSS	220/33KV	33 KV RAKHAVIHAR Feeder	1 month	174.526	176.556	2.030	33 KV I/C feeder RAKHAVIHAR at 33/11 kv RAKHAVIHAR PSS	Meter defective / Meter not Installed yet.				
			Sub-Total -1				2.030						
			33 KV PARWALIYA SADAK Feeder	1 month	303.518	310.920	7.402	33 KV I/C feeder PARWALIYA SADAK at 33/11 kv PARWALIYA SADAK PSS	651.1998917	655.9562295	4.7563378	0.1298522	1.75428533
								33 KV I/C feeder PARWALIYA SADAK at 33/11 kv TUMDA PSS	436.626	438.904	2.278		
								33 KV I/C feeder PARWALIYA SADAK at Jublee breweries Conn No. 560332			0.23781		
			Sub-Total -2				7.402		Sub-Total -2		7.2721478	0.1298522	1.75428533
			33 KV TARASEWANIYA Feeder	1 month	145.084	147.360	2.276	33 KV I/C feeder TARASEWANIYA at 33/11 kv TARASEWANIYA PSS	502.762	504.98	2.218	0.058	2.85714286
Sub-Total -3				2.030		Sub-Total -3		2.218	0.058	2.85714286			
			Input Energy 220 KV KURANA(BAIRAGARH) GSS (Sub-Total -2 &3) -W				9.432	33kv line loss 220 KV KURANA(BAIRAGARH) GSS (Sub-Total -1-4 &7)				0.188	1.99164758
			Total Input Energy 132 KV GAIRATGANJ GSS(Sub-Total -1 -4) J				11.462	Total Energy loss wrt Input 132 KV GAIRATGANJ GSS(considering same average % of loss)				0.22828265	1.99164758
11	132 KV VIDISHA GSS	132/33KV	33 KV BRITANIA Feeder	1 month	729.680	739.994	10.314	33 KV I/C feeder BRITANIA at 33/11 kv Sanchi I PSS	48.74	52.16	3.42	0.116	1.12468489
								33 KV I/C feeder BRITANIA at B.P foods and agro ind Conn No. 539322			6.778		
			Sub-Total -1				10.314		Sub-Total -1		10.198	0.116	1.12468489
			33 KV RAISEN (MENDKI) Feeder	1 month	1860.950	1892.512	31.562	33 KV I/C feeder RAISEN (MENDKI) at 33/11 kv Sanchi II PSS	Meter defective / Meter not Installed yet.				
								33 KV I/C feeder RAISEN (MENDKI) at 33/11 kv Mendki PSS					
								33 KV I/C feeder RAISEN (MENDKI) at 33/11 kv Ambadi PSS					
								33 KV I/C feeder RAISEN (MENDKI) at 33/11 kv Mudiya Kheda PSS					
Sub-Total -2				31.562									
							33 KV I/C feeder RAISEN (MENDKI) at 33/11 kv Airen PSS						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy	
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss		
			33 KV HASUA Feeder	1 month	2134.560	2142.476	7.916	33 KV I/C feeder HASUA at 33/11 kv Chandpur PSS	39.17	46.91	7.74	0.176	2.22334512	
			Sub-Total -3				7.916	Sub-Total -3				0.176	2.22334512	
			Input Energy 132 KV VIDISHA GSS(Sub-Total -1)-X				18.230	33kv line loss 220 KV KURANA(BAIRAGARH) GSS (Sub-Total -1-4 & 7)				0.292	1.60175535	
			Total Input Energy 132 KV VIDISHA GSS(Sub-Total -1,2 & 3) K				60.106	Total Energy loss wrt Input 132 KV VIDISHA GSS(considering same average % of loss)				0.96275107	1.60175535	
12	132 KV LALGHATI GSS	132/33KV	33 KV PACHAMA Feeder	1 month		4.050	33 KV I/C feeder PACHAMA at Indian oil cooperation limited Conn No. 518200	Energy Calculated based upon average consumption of connected load.		1.7501		2.6491358		
							33 KV I/C feeder PACHAMA at Institue of management and tech Conn No. 548508			0.1494				
							33 KV I/C feeder PACHAMA at Reliance industries Conn No. 574378			0.4572				
							33 KV I/C feeder PACHAMA at Bharat petroleum corp Conn No. 518225			0.1679				
							33 KV I/C feeder PACHAMA at Anant industries Conn No 556501			0.0802				
							33 KV I/C feeder PACHAMA at Bhaskar venkatesh product Conn No 556631			0.27726				
							33 KV I/C feeder PACHAMA at Aakriti Dwelling Exotica Conn No 583743			0.31863				
							33 KV I/C feeder PACHAMA at Simran hatcharies Conn No 572474			0.2268				
							33 KV I/C feeder PACHAMA at School of planning Conn No 511867			0.23799				
							33 KV I/C feeder PACHAMA at Bharat petroleum corp Conn No. 518866			0.27723				
										0.10729				
						Sub-Total -1				4.050	Sub-Total -1			
			33 KV SEHORE Feeder	1 month	342.792	345.942	3.150	33 KV I/C feeder SEHORE at 33/11 kv Khajuri Sadak PSS	583.794	586.879	3.085	0.065	2.06349206	
			Sub-Total -2				3.150	Sub-Total -2				3.085	0.065	2.06349206
			Input Energy 132 KV VIDISHA GSS(Sub-Total -1&2)- Y				7.200	33kv line loss 220 KV KURANA(BAIRAGARH) GSS (Sub-Total -1-4 & 7)				0.172	2.39291667	
			Total Input Energy 132 KV LALGHATI GSS (Sub-Total -1 & 2) L				7.200	Total Energy loss wrt Input 132 KV LALGHATI GSS (considering same average % of loss)				0.17229	2.39291667	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy		
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss			
13	132 KV MACT GSS	132/33KV	33 KV RATIBAD Feeder	1 month	492.781	504.138	11.357	33 KV I/C feeder RATIBAD at 33/11 kv Mugaliya Chap PSS	Meter defective / Meter not Installed yet.						
								33 KV I/C feeder RATIBAD at sneh sood stone crusher							
								33 KV I/C feeder RATIBAD at 33/11 kv Ratibad PSS							
								33 KV I/C feeder RATIBAD at 33/11 kv Badhjhiri PSS							
								33 KV I/C feeder RATIBAD at 33/11 kv Teelakhedi PSS							
								33 KV I/C feeder RATIBAD at Raj stone crusher Conn No 572738							
			Sub-Total -1						11.357						
			33 KV CHMBAL-1 Feeder	1 month	420.202	440.926	20.725	33 KV I/C feederCHMBAL-1 at 33/11 kv Mandakni PSS	1097.0328	1112.676	15.6432	0.39216	1.89225313		
								33 KV I/C feeder CHMBAL-1 at 33/11 kv Beragarh Chichil PSS	1722.454	1722.904	0.45				
								33 KV I/C feeder CHMBAL-1 at 33/11 kv J k town PSS	46.842	49.862	3.02				
								33 KV I/C feeder CHMBAL-1 at Idea Cellular ltd Conn No 504732	Energy Calculated based upon average consumption of connected load.		1.21914				
			Sub-Total -2						20.725	Sub-Total -2			20.33234	0.39216	1.89225313
			33 KV MACT KOLAR Feeder	1 month	3152.767	3154.680	1.913	33 KV I/C feeder KOLAR at E.E bhopal projects D.n Conn No 575291	Energy Calculated based upon average consumption of connected load.		0.0408	0.03567	1.86461056		
								33 KV I/C feeder KOLAR at E.E irrigation kolar projects Conn No 511251			1.83653				
			Sub-Total -3						66.076	Sub-Total -3			1.87733	0.81999	1.2409876
Input Energy 132 KV MACT GSS(Sub-Total -2&3) -Z						86.800	33kv line loss 132 KV MACT GSS (Sub-Total -2 & 3)					1.212	1.39648457		
			Total Input Energy 132 KV MACT GSS (Sub-Total -1,2 & 3) M				98.157	Total Energy loss wrt Input 132 KV MACT GSS (considering same average % of loss)				1.37074596	1.39648457		
Grand -Total (Sub-Total -P+Sub-Total -Q+.....+Sub-Total -Z)							653.953	33kv line loss -Total (Sub-Total -P+Sub-Total -Q+.....+Sub-Total -Z)				9.913	1.516		
Bhopal O & M Circle 33KV side Input Energy in LU (Sub-Total -1+Sub-Total -2+Sub-Total -3+ Sub-Total -4 + Sub-Total -5)							1225.857	Bhopal O & M Circle 33 KV line loss wrt total input energy (33KV side)				18.581769	1.516		
Bhopal O & M Circle 11KV side Input Energy in LU (33kv side input Energy - 33 kv line loss- 33kv bulk consumption - 33/11KV PSS loss)							768.093								
N.B: a) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															

**33KV LINE LOSS ASSESSMENT OF MORENA
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

A) 33 KV LINE LOSS ASSESSMENT DETAIL OF MORENA CIRCLE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=(B-A)	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
1	132/33 KV MOTIZEEL GSS	132/33KV	33 kV Petroleum	1 Month	1098.32	1133.55	35.23	Sri Ram College of Engg. CN No. 523011	2.5888	2.7536	0.1648	0.6552	1.8597786
								Engipress IND CN No. 521062	4873.7	4908.11	34.41		
Sub-Total -1							35.23	Sub-Total -1			34.5748	0.6552	1.8597786
2	132/33 KV MAHARAJUPURA GSS	132/33KV	33 KV Industrial Morena	1 Month	0	16.1	16.1	Awadh Oil Mill C.N. 521025	25.8766	26.6684	0.7918	0.445031	2.76417081
								Surajbhan Oil Mill C.N. 521026	19.13802	19.52718	0.38916		
								Laxmi Oil Mill C.N. 521027	109.85455	110.65555	0.801		
								Manoj Oil Mill C.N. 521029	17.3842	17.6234	0.2392		
								Tarun Oil (P) Ltd. C.N. 521071	88.7246	90.1774	1.4528		
								R.T. Industries C.N. 521065	40.0474	41.064	1.0166		
								Singh Oils C.N. 521057	69.093	69.1336	0.0406		
								Bharat Agro C.N. 521056	20.3924	20.6048	0.2124		
								Kailadivi Oil Flour C.N. 521033	11.5484	11.8756	0.3272		
								Pawan Industries C.N. 521034	209.8796	211.4626	1.583		
								Parag Oil Mill C.N. 521035	152.8042	154.2314	1.4272		
								Shubhang Oil C.N. 521041	94.238	94.3481	0.1101		
								B.L. Industries C.N. 521044	0.000081	0.0344895	0.0344085		
								Ram Charan Lal Oil C.N. 521047	43.236	44.5484	1.3124		
								Shri Krishna Edible C.N. 521050	74.5498	75.048	0.4982		
								Kaushal Agrool (P) Ltd. C.N. 521053	23.9192	24.1272	0.208		
								M.P. Stones C.N. 521055	24.0202	24.2502	0.23		
								Sagun Foods & Diary C.N. 521074	9.4056	9.6176	0.212		
								ai Matadi IND C.N. 521078	29.9052	30.945	1.0398		
								Sterling Agro IND C.N. 521085	21.4477	21.8247	0.377		
								Pradeep Industries C.N. 521097	7.1364	7.6113	0.4749		
								Kishori Krupa Cold Storage C.N. 521098	11.8512	12.2238	0.3726		
								Modi Cold Storage C.N. 522001	8.0003	8.3228	0.3225		
								Suresh Cold Storage C.N. 522002	20.8065	21.4805	0.674		
								Parvati Dairy (P) Ltd. C.N. 522004	7.0363	7.4183	0.382		
								Suraj Bhan Oils Ltd. Unit-2 C.N. 522008	7.2233	7.5006	0.2773		
								Jai Matadi Bio Fuel IND C.N. 522016	3.8992	4.0187	0.1195		
2	355	132/33KV						Moneesh Monika (TSS) C.N. 522009	1.6677	1.782	0.1143		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=(B-A)	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
132/33 KV MAHARAJPUR G								Reliance CIS C.N. 521070	1.101	1.1793	0.0783		
								TDM (BSNL) C.N. 510022	56.8686	57.3661	0.4975		
								Neelam Stone IND C.N. 522014	0.479	0.5182	0.0392		
			33 kV Banmore	1 Month	89.43	90.76	1.33	Bramha Balaji Food C.N. 521091	17.66265	18.9858	1.32315	0.00685	0.51503759
			33 kV KS Feeder	1 Month	70.2468	77.0264	6.7796	K.S. Oil Ltd. C.N. 510007	1379.536	1386.174	6.638	0.1416	2.0886188
			33 kV Jaderua	1 Month	194.0004	208.0788	14.0784	Kamad Giri Oil Mill C.N. 521030	62.4762	62.811	0.3348	0.246925	1.753928
								Red Rose Marketing C.N. 521037	62.426	63.1908	0.7648		
								B.R. Oils C.N. 521039	109.4092	110.4814	1.0722		
								R.S. IND C.N. 521043	105.0967	106.1204	1.0237		
								Kamad Giri Cold Storage C.N. 521046	2.2688	2.6531	0.3843		
								Srinath Ji Edible Oil C.N. 521049	98.1584	99.0616	0.9032		
								Balaji Food Product C.N. 521051	79.9855	80.6575	0.672		
								Kamad Giri Stone C.N. 521063	0.46467	0.55452	0.08985		
								Agarwal Gang Saw C.N. 521067	5.0509	5.1213	0.0704		
								M/s. B.P. Edible Oil C.N. 521079	66.8652	67.276	0.4108		
								Adarsha Associate C.N. 521088	46.2725	47.2473	0.9748		
								Kaila Devi Food C.N. 521092	71.2516	72.3976	1.146		
								Sita Ice Cold Store C.N. 521054	62.08155	62.79845	0.7169		
								Adarsha Polymer Pvt. Ltd. C.N. 522017	2.4062	2.7104	0.3042		
								Shriram Industries C.N. 522015	3.08525	3.197	0.11175		
								Pawan oils (P) Ltd. C.N. 522013	16.8096	18.083	1.2734		
								M.P. Edible Oil & Food C.N. 522012	14.2018	14.8358	0.634		
								Siya Devi Ice Cold Storage C.N. 522005	7.3218	7.7902	0.4684		
								Shri Bihari Ji Fuel Indu. C.N. 522006	7.2066	7.3761	0.1695		
								Parwati Wire House C.N. 522007	7.9657	8.3134	0.3477		
								Kamat Nath C.N. 521099	62.85	63.874	1.024		
								Pawan Stone C.N. 521095	5.5805	5.6453	0.0648		
								Sidhi Vinayak Poly Pack C.N. 521094	9.854225	10.7242	0.869975		
			Sub-Total -2					38.288	Sub-Total -2			37.4475935	0.840407

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=(B-A)	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
3	132/33KV Banmore GSS	132/33 KV	33 kv Shikarpur	1 Month	4244.892	4248.692	3.8	33/11 kv Jaderua PSS	112.339	113.597	1.258	0.1075	2.82894737
								Jai Sri Ram Stone C.N. 523010	1.2497	1.315	0.0653		
								MD IIDC (G) MP Ltd. C.N. 523008	16.2972	17.638	1.3408		
								33/11 kv Noorabad PSS	25.3608	26.3892	1.0284		
			33 kv Industrial Banmore	1 Month	264.948	289.855	24.907	M/s. Gwalior Air Prod C.N. 501013	54.6706	54.6986	0.028	0.565457	2.27027466
								Magnum Iron Steel C.N. 505002	704.2075	708.1465	3.939		
								IRS Steel C.N. 505006	1047.689	1052.033	4.344		
								Gwalior Dugdhsangh C.N. 510014	108.97	110.0666	1.0966		
								Durga Industries C.N. 510016	78.31812	79.27608	0.95796		
								Punj Lloid C.N. 511015	28.86345	29.054425	0.190975		
								Furseen Rubber C.N. 511023	275.0861	278.5318	3.4457		
								Ganesh Stone C.N. 521042	15.10165635	15.224744	0.12308769		
								Chakrapani Stone C.N. 521059	1.8663	1.9226	0.0563		
								Prabhu Stone C.N. 521060	3.0693	3.1307	0.0614		
								Muskan Malt C.N. 521073	30.8144	31.9582	1.1438		
								Trupati Udhog C.N. 521081	27.9368	28.4353	0.4985		
								Khusboo Plastic Pvt. C.N. 521086	35.92656	36.46878	0.54222		
								Sitar Plast Container C.N. 521064	79.286	80.7956	1.5096		
								Acme Safetech Pvt. Ltd C.N. 523022	10.8042	10.9148	0.1106		
								33 kv Tripti Alcobrew	1 Month	159.0915	161.98		
			Vectus Industries Pvt. Ltd. C.N. 523018	6.2035	6.9652	0.7617							
			B.R. Oil Pvt. Ltd. C.N. 523013	14.19	17.232	3.042							
			Prakash Packaging Unit-2 C.N. 523007	25.9401	28.2736	2.3335							
			AT EHV Banmore	1 Month	635.6709	674.6574	38.9865	K.B. Impex C.N. 523012	1.1575	1.241	0.0835	0.05	0.12824952
								Tripti Alcobrew C.N. 521032	288.4432	291.0156	2.5724		
								Quality Stone Impex C.N. 523006	2.2159	2.2977	0.0818		
			33KV Dulex HT	1 Month	111.2235	114.033	2.8095	DV International Ind C.N. 523005	2.6571	2.7926	0.1355	0.0195	0.69407368
								33/11 kv Banmore PSS	329.352	349.6015	20.2495		
			33KV Magnum HT	1 Month	53.578125	55.851875	2.27375	Delux Alloy C.N. 505003	306.3189	325.0059	18.687	0.003538	0.1555989
			Sub-Total -3						70.582	Sub-Total -3			69.8437427

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=(B-A) Energy consumption at 33KV outgoing meter at source end during interval in LU	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D Energy consumption at destination end during interval in LU.	C-F 33 KV Line loss	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Initial meter reading at 33 KV side of PSS (LU)		Final meter reading at 33 KV side of PSS (LU)				
4	132/33KV Morena GSS	132/33KV	33 kV Morena	1 Month	3601.144	3643.216	42.072	33/11 kV Morena PSS	1062.288	1102.288	40.00	2.07	4.92489066
			33 kV Badokhar (Mandi)	1 Month	2928.61	2987.928	59.318	33/11 kV Miragpura PSS	0	0	0.010	0.928	1.56444924
								33/11 kV Jigni PSS	1323.114	1332.672	9.558		
								33/11 kV Mandi PSS	0.01	0.01	16.500		
			33 kV Hetampur(Devari)	1 Month	3015.766	3034.85	19.084	33/11 kV Badokhar PSS	Energy Calculated based upon average consumption of connected load.		32.322	0.37	1.95975686
								33/11 kV Ahrela PSS			2.12		
								33/11 kV Deori PSS			2.26		
								33/11 kV Devgarh PSS	43.096	43.096	1.25		
								33/11 kV Hetampur PSS	237.395	237.395	6.000		
								33/11 kV Beerampura-2 PSS			2.18		
								33/11 kV Bagchini PSS	4983.776	4988.676	4.9		
			33 kV Myurwan	1 Month	1002.6792	1070.5032	67.824	33/11 kV Mayurvan PSS	1744.936	1777.918	65.482	2.342	3.45305497
			33 kV Maharajpur	1 Month	2209.295	2255.887	46.592	33/11 kV Maharajpura PSS	5080.544	5126.544	46	0.592	1.2706044
Sub-Total -4					234.89			Sub-Total -4		228.582	6.308	2.68551237	
5	132/33KV Ambah GSS	132/33KV	33 kV Morena Rural	1 Month	0	0.243	0.243	Sunrich Food & Bevarages CN No. 522003	2.1554	2.3851	0.2297	0.0133	5.47325103
			33 kV Ambah	1 Month	423.5904	465.5472	41.9568	33/11 kV Ambah PSS	2939.914	2940.686	41.327448	0.629352	1.5
			33 kV Goth	1 Month	311.13648	321.65136	10.51488	33/11 kV Eisah PSS	0.01	0.01	1.980	0.218	2.07211114
								33/11 kV Kamtari PSS	0.01	0.01	1.227		
								33/11 kV Goth PSS	17.044	18.428	4.2		
			33 kV EHV Ambah	1 Month	537.32	539.955	2.635	33/11 kV Dimni PSS			2.89	0.011	0.41745731
								33/11 kV EHV Ambah PSS	537.32	539.944	2.624		
								33/11 kV Thara PSS	134.932	144.652	9.72		
			33 kV Porsa(Thara)	1 Month	270.3228	281.0904	10.7676	33/11 kV Singhpora PSS	0.04	0.914	0.874	0.1736	1.61224414
			33 kV Rachhed	1 Month	760.62	765.42	4.8	33/11 kV Parixatpura PSS			1.15	0.1829	3.81041667
								33/11 kV Rachhed PSS	77.462	77.462	3.4671		
								33/11 kV Khadiyapur PSS	447.1005	449.58175	2.48125		
			33 kV Dimni PSS	1 Month			7.8673	33/11 kV Badagaon PSS	254.468	256.992	2.524	0.26205	3.3308759
33/11 kV Ajnodha PSS	49.788	50.088						2.6					
Sub-Total -5					78.78458			Sub-Total -5		51.854148	1.490082	1.89133711	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=(B-A) Energy consumption at 33KV outgoing meter at source end during interval in LU	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D Energy consumption at destination end during interval in LU.	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Initial meter reading at 33 KV side of PSS (LU)		Final meter reading at 33 KV side of PSS (LU)				
6	132/33KV Porsa GSS	132/33KV	33 kV Porsa	1 Month	1680.048	1710.04	29.992	33/11 kV Porsa PSS	527.546	522.546	29.1172		1.75846893
							Shyam Ji Oil Mill C.N. 522010	0.5496	0.5698	0.0202	0.5274		
			33 kV Dondari	1 Month	470.778	475.558	4.78	Ma Kali Devi Oil Mill C.N. 522011	11.5484	11.8756	0.3272		
							33/11 kV Kherli PSS	76.656	76.656	1.6252	0.1712	3.58158996	
			33 kV Manpur	1 Month	114.28	115.87	1.59	33/11 kV Dondari PSS		M.E.failed	2.9836		
								33/11 kV Manpur PSS	112.744	113.124	1.58	0.01	0.62893082
Sub-Total -6							36.362	Sub-Total -6			29.1172	0.7086	1.94873769
7	132/33KV Malanpur GSS	132/33KV	33 kV Feeder - 4	1 Month	23.153	25.9	2.747	33/11 kV Rithora Kala PSS	77.38	78.12	2.64	0.107	3.89515835
Sub-Total -7							2.747	Sub-Total -7			2.64	0.107	3.89515835
8	132/33KV Jaura GSS	132/33KV	33 kV Sumauli	1 Month	416.3796	422.0232	5.6436	33/11 kV Sumauli PSS	1127.91	1127.91	5.36142	0.28218	5
			33 kV Sankra	1 Month	23.01	36.09	13.08	33/11 kV Sankra PSS	7662.08	7674.92	12.84	0.24	1.83486239
			33 kV Jaura	1 Month	430.71	459.0528	28.3428	33/11 kV Jaura PSS	949.108	977.054	27.946	0.3968	1.40000282
					452.3976	466.2684	13.8708	33/11 kV Kumheri PSS	1190.595	1197.114	13.623153	0.247647	1.78538368
Sub-Total -8							60.9372	Sub-Total -8			18.20142	1.166627	1.91447425
9	132/33KV Sabalgarh GSS	132/33KV	33 kV Semai	1 Month	2301.79125	2312.0475	10.25625	33/11 kV Semai PSS	435.256	438.872	3.616		
							33/11 kV Nepri PSS	529.86	533.986	4.13	0.41	4.03900061	
							33/11 kV Mamchone PSS	381.596	383.696	2.1			
			33 kV Kailaras	1 Month	0	21.149789	21.1497885	33/11 kV Pahadgarh PSS	405.152	405.152	3.696	0.464789	2.19760354
			Sabalgarh	1 Month	564.6516	590.0586	25.407	33/11 kV Kailaras PSS	2124.036	2144.721	16.989		
							33/11 kV Sabalgarh PSS	2003.3	2027.9975	24.6975	0.7095	2.79253749	
			Rampur	1 Month	2654.75	2666.5975	11.8475	Hariom F/Oil Mill C.N. 504090	47.8492	48.5262	0.677		
							33/11 kV Tentra PSS	377.661	377.661	7.693	0.2105	1.77674615	
			33 kV Chinoni	1 Month	44.712	49.2876	4.5756	33/11 kV Rampur PSS	1953.9945	1957.2615	3.267		
								33/11 kV Chinnoni Karera PSS			2.2878	0.137268	3.000
								33/11 kV Deepera PSS			2.150532		
Sub-Total -9							73.2361385	Sub-Total -9			71.299832	1.936306	2.64392217
Morena Circle 33KV side Input Energy in LU (Sub-Total -1+Sub-Total -2+.....+Sub-Total -9)							631.057	Morena Circle 33 KV line loss wrt total input energy (33KV side)			543.56074	13.9505	2.2106531
Morena Circle 11KV side Input Energy in LU (33kv side input Energy - 33 kv line loss- 33kv bulk consumption - 33/11KV PSS loss)							534.747						

N.B: a) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**33KV LINE LOSS ASSESSMENT OF
BURHANPUR CIRCLE OF MADHYA PRADESH
STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

A) 33 KV LINE LOSS ASSESSMENT DETAIL OF BURHANPUR CIRCLE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
1	220/33 KV NEPA GSS	220/33KV	33 kv NEPANAGAR		4858.366	4866.18	7.814	33/11 kv NIMBOLA PSS	1183.838	1187.846	4.008	0.073	0.93422063
								33/11 kv NEPANAGAR IST PSS	390.2554	392.524	2.2686		
								33/11 kv NEPANAGAR IIND PSS	387.3464	388.8108	1.4644		
			33 kv DABIYAKHEDA		2.97456	13.55356	10.579	33/11 kv GONDRI PSS	Energy Calculated based upon average consumption of conncted load.		1.448	0.155	1.46516684
								33/11 kv DIBYAKHEDA PSS	3071.82	3077.612	5.792		
								33/11 kv GORADIYA PSS	38.264	40.008	1.744		
								33/11 kv SHEKHPURA PSS	Energy Calculated based upon average consumption of conncted load.		1.44		
Sub-Total -1							18.393			18.165	0.228	1.23960202	
2	132/33 KV BAHADARPUR GSS	132/33KV	33KV SHIKARPURAL		6471.4	6498.36	26.96	33KV Kundan Dairy Bulk C.N.-506313	Energy Calculated based upon average consumption of conncted load.		11.228	0.394	1.46142433
								33/11 kv SHIKARPURA PSS	129.188	144.526	15.338		
			33 kv INDUSTRIAL		1741.761	1770.716	28.955	33 kv Ayush Processors Bulk C.N.-506310			1.226	0.389	1.343464
								33 kv Bharat Industry Burhanpur Bulk C.N.-506100			1.304		
								33 kv Mahavir Textile Burhanpur Bulk C.N.-506102			0.776		
								33 kv Kamal Cotspin Pvt. Ltd. Bulk C.N.-506123			2.274		
								33 kv Nawalsingh S.S.K.Ziri Bulk C.N.-522024			1.745		
								33 kv Annapurna Calandering work Bulk C.N.-506203			1.13		
								33 kv Geeta Process Burhanpur Bulk C.N.-506207			0.404		
								33 kv Sitaram silk mill Burhanpur Bulk C.N.-506208			0.479		
								33 kv Maharaja Processor Bulk C.N.-506211			1.744		
								33 kv Raj kamal Clothing Bulk C.N.-506301			0.674		
								33 kv Texcot Burhanpur Bulk C.N.-506302			0.36		
								33 kv R.D.Febriks Burhanpur Bulk C.N.-506303			1.417		
								33 kv Kailash Textiles IND. Burhanpur Bulk C.N.-506305			0.414		
								33 kv Narayan Bawaskar Bulk C.N.-506205			0.926		
								33 kv C.M.O. Burhanpur Bulk C.N.-506314			3.153		
								33 kv Shri Ram Procerssor Bulk C.N.-506137			1.682		
								33 kv Swastik Process Burhanpur Bulk C.N.-506121			0.529		
								33 kv Kamal Process Burhanpur Bulk C.N.-506119			2.356		
								33 kv B.S.N.L. Burhanpur Bulk C.N.-506118			0.988		
								33 kv Balaji Process Pvt. Ltd. Bulk C.N.-506113			0.575		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
2	132/33 KV BAHADARPUR GSS	132/33KV						33 kv Manager Dawat PRO Bulk C.N.-506107	Energy Calculated based upon average consumption of connected load.		1.228		
								33 kv Mohd. Ajgar & Brothers Cold Storage Bulk C.N.-506106			0.299		
								33 kv Swastik industries Burhanpur Bulk C.N.-506105			0.385		
								33 kv Symak Febrics Burhanpur Bulk C.N.-506104			0.435		
								33 kv Gaytri Coating Pvt. Ltd.Burhanpur Bulk C.N.-506103			0.293		
								33 kv Kunj Bihari Burhanpur Bulk C.N.-506101			1.255		
								33 kv Ratilal Manekji G & P, FCT Bulk C.N.-503004			0.515		
								33 kv Ritesh Agrawal Bulk C.N.-506311			0.03703		
								33 kv Veerchand Narsi Oil Mill Bulk C.N.-541072			0.65275		
								33 kv Micro Vision Burhanpur Bulk C.N.-506307			0.37869		
								33 kv Girdharilal Nanhelal IND. Bulk C.N.-506304			0.3267		
								33 kv Fatteh Guru Govindsing Bulk C.N.-506149			0.09811		
								33 kv Kameshwer IND. B'pur Bulk C.N.-506140			0.45297		
								33 kv Tapti Spinner Pvt. Ltd. Bulk C.N.-506135			0.9098		
								33 kv Dinesh Trading Co. Bulk C.N.-506125			0.1102	0.9518922	2.69832113
								33 kv Fattegur Govindsingh Bulk C.N.-506122			0.23012		
								33 kv Asst. Engg PHE Burhanpur Bulk C.N.-506108			0.662		
								33 kv Texmaco Pipe Roduct BurhanpurC.N.-506131			5.89542		
								33 kv the D.E (gen) railway station Bulk C.N-506309			0.43852		
								33 kv the Jadhavji Kanji Ginning F. Bulk C.N-523010			0.879		
								33 kv B.T mills Burhanpur C.N-557020			20.454		
								33/11 kv LALBAG PSS	1192.6	1195.4	2.8		
								33/11 kv Shanwara PSS	41.332392	47.825192	6.4928	0.0296	0.45382068
								33/11 kv Azadnagar PSS	N/A	N/A	37.98	0.178	0.46648147
								33/11 kv Old Power house PSS	4664.542	4706.726	42.184	0.95	1.95940929
								33/11 kv Udyog Nagar PSS	1245.502	1250.852	5.35		
								33/11 kv Jainabad PSS	505.46	512.18	6.72	0.08	1.17647059
			33 kv ICCHAPUR		3897.162	3920.89	23.728	33 kv the The District Transport Officer Bulk C.N-506312	Energy Calculated based upon average consumption of connected load.		1.33	0.228	0.96089009
								33/11 kv Icchapur PSS			1.258		
								33/11 kv Sirdoda PSS			5.228		
								33/11 kv Bhotia PSS			15.684		
			33 kv SHAHAPUR-I		3230.21	3239.25	9.04	33/11 kv Shaharpur PSS	1420.263	1429.124	8.861	0.179	1.9800885
			33 kv LONI		905.1015	916.434	11.3325	33/11 kv Bahadarpur PSS	2367.105	2378.3733	11.2683333	0.06416667	0.5662181
			33 kv BAHADARPUR		128.3088	135.26705	6.95825	33/11 kv Bahadarpur PSS	125.682	132.566	6.884	0.07425	1.06707865

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of GSS/PSS	Voltage Level	Name of Out going 33 KV feeder/ 33 KV Bulk	Interval of Reading	A	B	C=B-A	Destination 33/11 KV Sub-station Name (PSS)/33 KV Bulk	D	E	F=E-D	C-F	% of 33KV loss w.r.t Input energy
					Initial meter reading at 33 KV side of GSS (LU)	Final meter reading at 33 KV side of GSS(LU)	Energy consumption at 33KV outgoing meter at source end during interval in LU		Initial meter reading at 33 KV side of PSS (LU)	Final meter reading at 33 KV side of PSS (LU)	Energy consumption at destination end during interval in LU.	33 KV Line loss	
			33 kv SHAHAPUR-II		4187.036	4201.086	14.05	33/11 kv Khamni PSS	3210.126	3216.934	6.808	0.162	1.15302491
								33/11 kv Phopnar PSS	2746.66	2753.74	7.08		
			Sub-Total -2				256.2653522				252.585443	3.67990887	1.43597597
3	132/33 KV BADGAON GSS	132/33 KV	33 Kv DOIFODIYA		157.336	169.966	12.63	33/11 kv Shikarpura PSS	66.6294	66.787	0.1576	0.1084	0.85827395
								33/11 kv Doifodiya PSS	1782.312	1794.676	12.364		
		33 kv BADGAON						33/11 kv Sarola PSS	1155.222	1159.884	4.662	0.156	0.99693252
					1053.08	1068.728	15.648	33/11 kv Badagaon PSS	1048.106	1058.164	10.058		
								33 kv the Satkartar Agro Food Ind Bulk C.N-506315	Energy Calculated based upon average consumption of connected load.		0.772		
		33 kv BODERLI			20.51064	27.89752	7.38688	33/11 Kv Boderli PSS	19.62214	27.0024	7.38026	0.00662	0.08961835
		33 kv MANJROD			103.7016	125.33388	21.63228	33/11 kv Khaknar PSS	2360.948	2370.594	9.646	0.41628	1.92434639
								33/11 kv Manjrod PSS	630.92	642.49	11.57		
			Sub-Total -3				57.29716					0.6873	1.19953589
			Burhanpur Circle 33KV side Input Energy in LU (Sub-Total -1+Sub-Total -2+Sub-Total -3)									4.59520887	1.38428455
			Burhanpur Circle 11KV side Input Energy in LU (33kv side input Energy - 33 kv line loss- 33kv bulk consumption - 33/11KV PSS loss)										
							315.19448						

**SUMMARY OF 33KV LINE LOSS ASSESSMENT
OF FOUR SELECTED CIRCLES OF MADHYA
PRADESH STATE**

A) SUMMARY OF 33 KV LINE LOSS OF FOUR CIRCLE OF MADHYA PRADESH STATE				
Sl. No	Name of the Circle	Description		
		33 KV side Input Energy in LU	33 KV line loss in LU	% of 33KV line loss w.r.t 33KV side Input Energy
1	Jabalpur city Circle	989.458	24.205	2.446
2	Bhopal O&M Circle	1225.857	18.582	1.516
3	Morena Circle	631.057	13.950	2.211
4	Burhanpur Circle	331.956	4.595	1.384
TOTAL		3178.328	61.332	1.930

Percentage of 33Kv Line loss of Madhya Pradesh State w.r.t 33KV side Input Energy is the average 33KV line loss of Selected Circle of Madhya Pradesh State i.e Average 33KV line loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **1.930 %**

**33/11 KV PSS LOSS ASSESSMENT OF JABALPUR
CITY CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

B) 33/11KV PSS LOSS OF JABALPUR CITY CIRCLE

Sl. no	Name of PSS	Voltage Level	A	B	C=A-B	Name of Out going 11 KV feeder	D	E	F=D-E	33/11KV PSS loss in LU	% of 33/11KV PSS loss w.r.t Input energy
			33KV side energy in flow in LU	33KV side energy out flow in LU	33KV side energy consumption in LU		Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)		
1	Satpula PSS	33/11KV	19.382	4.936	14.446	11 KV GCF N-300 Feeder (HT Bulk)	0.000	8.672	8.672	0.006	0.042
						11 KV GCF N-301 Feeder (HT Bulk)	0.000	5.768	5.768		
2	Gorabazar PSS	33/11KV	89.13	53.875	35.255	11 KV H'Rose Feeder	315.572	322.006	6.434	0.160	0.453
						11 KV Sadar Feeder	494.926	505.184	10.258		
						11 KV Ridge Road Feeder	170.199	175.056	4.857		
						11 KV University Feeder	126.586	127.739	1.153		
						11 KV Bilihari Feeder	380.544	387.932	7.389		
						11 KV Water works Feeder (HT Bulk)	64.806	69.810	5.004		
3	Power House PSS	33/11KV	21.536	0	21.536	11 KV Omti Feeder	269.688	283.706	14.018	0.048	0.223
						11 KV Circuit House Feeder	394.900	399.236	4.336		
						11 KV Indira Mkt Feeder	156.258	159.392	3.134		
4	Sai Nath PSS	33/11KV	8.378	0	8.378	11 KV Civil line Feeder	282.448	286.514	4.066	0.104	1.2378
						11 KV Pachpadi Feeder	196.858	201.066	4.208		
5	Gohal Pur PSS	33/11KV	51.305	28.72	22.585	11 KV Pasiyana Feeder	836.184	847.030	10.846	0.035	0.1550
						11 KV Chandini Chowk Feeder	864.442	876.146	11.704		
6	Bahantalaiya PSS	33/11KV	57.472	0	57.472	11 KV Phootatal Feeder	938.486	952.932	14.446	0.642	1.117
						11 KV Premsagar Feeder	987.784	1002.666	14.882		
						11 KV Bahurabag Feeder	556.840	571.978	15.138		
						11 KV Hanumantal Feeder	1218.514	1230.878	12.364		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of PSS	Voltage Level	A	B	C=A-B	Name of Out going 11 KV feeder	D	E	F=D-E	33/11KV PSS loss in LU	% of 33/11KV PSS loss w.r.t Input energy
			33KV side energy in flow in LU	33KV side energy out flow in LU	33KV side energy consumption in LU		Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)		
7	Vinoba Bhawe PSS	33/11KV	45.438	6.259	39.179	11 KV Ghampur Feeder	425.864	439.370	13.506	0.919	2.35
						11 KV Dwarka Nagar Feeder	1438.756	1456.662	17.906		
						11 KV Circuit house Feeder	276.940	277.844	0.904		
						11 KV Chhuikhadan Feeder	42.294	43.026	0.732		
						11 KV Beoharbagh Feeder	127.999	130.341	2.342		
						11 KV Clock Tower Feeder	283.062	285.932	2.870		
TOTAL			Consumption		198.851	33/11KV PSS loss			1.913303	0.962	
Jabalpur Circle 33KV side net energy Input of all PSS in LU (33KV side input of Jabalpur circle - 33KV line loss-33KV Bulk consumption)					847.45366	Jabalpur Circle 33KV side net energy loss of all PSS in LU (Considering same percentage of loss)			8.15	0.962	
Jabalpur Circle 33KV side Input Energy in LU					989.4585	Jabalpur Circle 33KV side net energy loss of all PSS in LU			8.15	0.824	

**33/11 KV PSS LOSS ASSESSMENT OF BHOPAL
O&M CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

B) 33/11KV PSS LOSS OF BHOPAL O&M CIRCLE

Sl. no	Name of PSS	Voltage Level	A	B	C=A-B	Name of Out going 11 KV feeder	D	E	F=D-E	33/11KV PSS loss in LU	% of 33/11KV PSS loss w.r.t Input energy
			33KV side energy in flow in LU	33KV side energy out flow in LU	33KV side energy consumption in LU		Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)		
1	33/11KV Berasiya (PSS)	33/11 KV	21.114	0	21.114	11KV Berasiya Town feeder	480.6035	485.4510	4.8475	0.2245	1.063
						11KV Megra feeder	213.6930	215.4680	1.7750		
						11KV Tarawali feeder	210.5260	212.0460	1.5200		
						11KV Pipaliya feeder	36.3830	38.5584	1.8790		
						11KV Dalmil feeder	133.0180	139.9140	6.8960		
						11KV Barkheda feeder	377.9960	380.1380	2.1420		
2	33/11KV Parwaliya Sadak (PSS)	33/11 KV	4.756	0.000	4.756	11KV Barri feeder	194.1000	195.9300	1.8300	0.0439	0.924
						11KV Jhirniya feeder	70.6059	71.9565	1.3506		
						11KV Kurana feeder	233.9780	234.0200	0.0420		
						11KV Dhamaniya feeder	46.3626	46.4664	0.1038		
						11KV Kalakhedi feeder	273.5000	276.7160	3.2160		
						3	33/11KV Mandideep-I (PSS)	33/11 KV	46.408		
11KV Bhojpur feeder	165.3040	167.8820	2.5780								
11KV Town feeder	746.7680	762.6940	15.9260								
11KV C Sector feeder	27.4569	36.2122	8.7553								
11KV Patelnagar feeder	171.1140	180.9700	9.8560								
4	33/11KV Mandideep-III (PSS)	33/11 KV	29.28	0	29.28					11KV Sector A feeder	200.6879
						11KV Sector B feeder	49.1019	56.8800	7.7781		
						11KV Satlapur feeder	193.2340	199.6600	6.4260		
						11KV Industrial feeder	22.9815	25.2810	2.2995		
5	33/11KV Mandideep-IV (PSS)	33/11 KV	0.751	0	0.751	11KVSaileela feeder	3.1449	3.8852	0.7403	0.0107	1.42
						11KV Keeratnagar feeder	154.0140	154.0140	0.0000		
TOTAL			Consumption		102.3093		33/11KV PSS loss			1.1189	1.094
Bhopal Circle 33KV side net energy Input of all PSS in LU (33KV side input of Bhopal circle - 33KV line loss-33KV Bulk consumption)					769.212		Bhopal Circle 33KV side net energy loss of all PSS in LU (Considering same percentage of loss)			8.41	1.094
Bhopal O & M Circle 33KV side Input Energy in LU					1225.86		Bhopal Circle 33KV side net energy loss of all PSS in LU			8.41	0.686

**33/11 KV PSS LOSS ASSESSMENT OF MORENA
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

B) 33/11KV PSS LOSS OF MORENA CIRCLE

Sl. no	Name of PSS	Voltage Level	A	B	C=A-B	Name of Out going 11 KV feeder	D	E	F=D-E	33/11KV PSS loss in LU	% of 33/11KV PSS loss w.r.t Input energy
			33KV side energy in flow in LU	33KV side energy out flow in LU	33KV side energy consumption in LU		Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)		
1	Sankra PSS	33/11KV	12.84	0	12.84	11KV JOUNARA B FDR.	24.832	26.4908	3.3176	0.2076	1.617
						11KV BHAGORA A FDR.	765.703	767.4894	3.5728		
						11KV SANKRA FDR.	5543.09	5545.961	5.742		
2	JOURA PSS	33/11KV	27.946	0	27.946	11KV BILGAON A FDR.	674.295	676.134	1.839	0.2672	0.956
						11KV DHAMKAN B FDR.	31.9518	34.82	2.8682		
						11KV SUMAWALI A FDR.	127.957	128.646	0.689		
						11KV JOURA II FDR.	382.568	396.068	13.5		
						11KV JOURA I FDR.	2212.944	2220.35	7.406		
						11KV RUNIPUR A FDR.	33.2208	33.3534	0.1326		
3	KUMHERI PSS	33/11KV	13.623	0	13.623	11KV MAI B FDR.	410.642	411.886	1.244	0.191	1.399
						11KV KUMHERI A FDR.	60.6519	64.74	4.0881		
						11KV KATIBARI B FDR.	86.4708	90.9325	4.4617		
4	PAHARGARH PSS	33/11KV	3.696	0	3.696	11KV UDHERI A FDR.	91.5762	96.459	4.8828	0.05394	1.459
						11KV PAHARGARH FDR.	356.22	358.86306	2.64306		
						11KV MAMCHON FDR.	215.148	216.147	0.999		
5	RAMPUR PSS	33/11KV	3.267	0	3.267	11KV RAMPUR HAR A FDR.	1041.384	1042.157595	0.773595	0.049005	1.500
						11KV KHANPURA B FDR.	280.641	281.634	0.993		
						11KV BATED A FDR.	35.1267	35.2041	0.0774		
						11KV RAMPUR VILL B FDR.	77.0802	78.4542	1.374		
TOTAL			Consumption		61.372153	33/11KV PSS loss			0.7683	1.252	
Morena Circle 33KV side net energy Input of all PSS in LU (33KV side input of Morena circle - 33KV line loss-33KV Bulk consumption)					541.526	Morena Circle 33KV side net energy loss of all PSS in LU (Considering same percentage of loss)			6.78	1.252	
Morena Circle 33KV side Input Energy in LU					631.057	Morena Circle 33KV side net energy loss of all PSS in LU			6.78	1.074	

**33/11 KV PSS LOSS ASSESSMENT OF
BURHANPUR CIRCLE OF MADHYA PRADESH
STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

B) 33/11KV PSS LOSS OF BHURHAN CIRCLE

Sl. no	Name of PSS	Voltage Level	A	B	C=A-B	Name of Out going 11 KV feeder	D	E	F=D-E	33/11KV PSS loss in LU	% of 33/11KV PSS loss w.r.t Input energy
			33KV side energy in flow in LU	33KV side energy out flow in LU	33KV side energy consumption in LU		Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)		
1	NEPANAGAR II ND PSS	33/11KV	2.2686	0	2.2686	11KV RATAGARH FDR. (TEMP.)	1.278	1.6437	0.3657	0.02753	1.214
						11KV RURAL DLF FDR.	710.151	711.295	1.144		
						11KV NASIRABAD FDR.	0.26048	0.26194	0.00146		
						11KV BASAD FDR	0.15883	0.15964	0.00081		
						11KV NIMBOLA FDR.	2.397	2.8814	0.4844		
						11KV NIMBOLA FDR.	0	0	0.0786		
						11KV UTAWALI FDR	0.08577	0.08807	0.0023		
2	JAINABAD PSS	33/11KV	6.72	0	6.72	11KV RAIPURA VILLAGE FDR	0.5384	0.7022	0.1638	0.0949	1.412202
						11KV JAINABAD FDR.(TEMP)	225.08	228.14	3.06		
						11KV JAINABAD FDR	63.937	64.115	0.178		
						11KV GUPTESHWAR FDR(TEMP)	8.6905	8.7488	0.0583		
						11KV SUKHPURI DOMESTIC FDR.	2.4648	2.5925	0.1277		
						11KV RTO BERIAR FDR.	19.588	19.8991	0.3111		
						11KV SUKHPURI FDR(TEMP)	495.95	498.84	2.89		
3	KHAMNI PSS	33/11KV	6.808	2.459	4.349	11KV BHAWSA FDR.(TEMP)	223.368	223.908	0.54	0.0517	1.188779
						11KV MOHAD IRRIGATION FDR.(TEMP)	902.864	903.6	0.736		
						11KV KHAMNI BHAWSA DOMESTIC FDR.	6.8446	7.8959	1.0513		
						11KV KHAMNI IRRIGATION FDR.(TEMP)	527.09	529.06	1.97		
TOTAL			Consumption		13.3376	33/11KV PSS loss			0.17413	1.306	
Burhanpur Circle 33KV side net energy Input of all PSS in LU (33KV side input of Burhanpur circle - 33KV line loss-33KV Bulk consumption)					236.59	Burhanpur Circle 33KV side net energy loss of all PSS in LU (Considering same percentage of loss)			3.09	1.306	
Burhanpur Circle 33KV side Input Energy in LU					331.956	Burhanpur Circle 33KV side net energy loss of all PSS in LU			3.09	0.930	

**SUMMARY OF 33/11 KV PSS LOSS
ASSESSMENT OF FOUR SELECTED CIRCLES
OF MADHYA PRADESH STATE**

B) SUMMARY OF 33/11KV PSS LOSS OF MADHYA PRADESH STATE

Sl.no	Name of the Circle	A	B	% of 33/11KV PSS loss w.r.t Input energy
		33KV side energy input in LU	33/11KV PSS loss in LU	
1	Jabalpur city Circle	989.4585	8.15	0.824
2	Bhopal O&M Circle	1225.857	8.412	0.686
3	Morena Circle	631.057	6.78	1.074
4	Burhanpur Circle	331.956	3.09	0.930
Madhya Pradesh 33/11KV PSS loss in LU		3178.328	26.434	0.832

Percentage of 33/11KV PSS loss of Madhya Pradesh State w.r.t 33KV side Input Energy is the average 33/11KV PSS loss of Selected Circle of Madhya Pradesh State i.e Average 33/11KV PSS loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **0.832 %**

**11KV FEEDER DETAILS OF JABALPUR CITY
CIRCLE OF MADHYA PRADESH**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

C) 11KV FEEDERS DETAIL OF JABALPUR CITY CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A													NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)	
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA			
1	Vijay Nagar	Rameshwaram PSS	33/11KV			1	8	11 KV SBI Feeder	730.610	748.198	17.588				8			22			5					6775
								11 KV Sneh Nagar (Ukhari 7) Feeder	438.000	446.900	8.900			1	5			10			8					5083
		Sub-Total -1		0	0	1	8				26.488	0	0	1	13	0	0	32	0	0	13	0	0	0	0	11858
		Lamti PSS	33/11KV			1	5	11 KV Ekta Nagar Feeder	246.908	258.424	11.516				3			12								2700
								11 KV Vijay Nagar Feeder	301.840	309.589	7.749				6			16			1					4115
		Sub-Total -2		0	1	0	5				19.264	0	0	0	9	0	0	28	0	0	1	0	0	0	0	6815
		Kachnar PSS	33/11KV			1	5	11 KV Kachnar Feeder -1	14.104	15.071	0.966			1	5			2								963
								11 KV Kachnar Feeder -2	9.843	10.665	0.822							9								1800
		Sub-Total -3		0	1	0	5				1.789	0	0	1	5	0	0	11	0	0	0	0	0	0	0	0
Vijay Nagar Division - Total				0	2	1	18				47.5412	0	0	2	27	0	0	71	0	0	14	0	0	0	21436	
2	South Division	Bheem Nagar PSS	33/11KV		2		10	11 KV Awadhpur Feeder	124.704	135.395	10.691				3			18			1			1	4215	
								11 KV Bajriya Feeder	545.750	566.392	20.642				9			27			4		1	1	8810	
								11 KV Bhitoli Feeder	411.704	427.459	15.755	1			12			18				1		3	5325	
		Sub-Total -1		0	2	0	10				47.088	1	0	0	24	0	0	63	0	0	5	1	1	5	18350	
		Dhanwantri Nagar PSS	33/11KV		1		5	11 KV Dhanwantri Nagar Feeder -1	350.340	364.898	14.558			1	6	1		24							5613	
								11 KV Dhanwantri Nagar Feeder -2	129.158	131.940	2.782				9			9							2700	
				Sub-Total -2		0	1	0	5				17.340	0	0	1	15	1	0	33	0	0	0	0	0	0
		Sanjivini Nagar PSS	33/11KV		2		10	11 KV Sanjivini Nagar Feeder	1190.094	1203.082	12.988				3			12			6				4590	
								11 KV Panda ki Maria Feeder	440.124	450.181	10.057				1			8			7				3905	
								11 KV Kalimatha Feeder	472.288	482.765	10.477				3			11			4				3760	
								11 KV K L Jain Nagar Feeder	2901.632	2901.798	0.166				1			12							2500	
		Sub-Total -3		0	2	0	10				33.688	0	0	0	8	0	0	43	0	0	17	0	0	0	14755	
		Bargi Hill PSS	33/11KV	1			1.6	11 KV Bargi Hill Feeder	65.999	67.613	1.614				1			4							900	
		Sub-Total -4		1	0	0	1.6				1.614	0	0	0	1	0	0	4	0	0	0	0	0	0	900	
		Sita Pahad PSS	33/11KV		1		5	11 KV Bhita Feeder	198.510	199.836	1.326	5		1	11			6							2488	
						11 KV Amanala Feeder	114.456	114.668	0.212				1			1							300			
						11 KV Hitkarani College BULK Feeder	7.212	7.631	0.419												1					
Sub-Total -5		0	1	0	5				1.957	5	0	1	12	0	0	7	0	0	0	0	0	1	2788			

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA			
		Bilehari PSS	33/11KV	1		5	11 KV Katiya Ghat Feeder #	57.358	59.257	1.899	This feeder serve's Jabalpur O&M Division															
							11 KV Jamtara Feeder	1.532	7.7134	6.181	5		1	9										1	1088	
							11 KV Tilehari Feeder	1425.472	1456.644	31.172	1	1		27			62							3	15175	
		Sub-Total -6		0	1	0	5				37.353	6	1	1	36	0	0	62	0	0	0	0	0	4	16263	
		Supatal PSS	33/11KV		1		5	11 KV Mujawar Feeder	637.318	655.025	17.707					8		24			2				6630	
								11 KV Sainik Society Feeder	173.121	178.473	5.352					5		13			2				3980	
								Sub-Total -7		0	1	0	5				23.059	0	0	0	0	13	0	37	0	0
		Complex PSS	33/11KV		2	1	18	11 KV Rapdrp (HTC) Feeder (Bulk)	0.000	0.659	0.659													1		1250
								11 KV Complex -1 Feeder	106.130	107.554	1.424													1		2500
								11 KV Complex -2 Feeder	13.680	14.190	0.510													2		11450
								11 KV Hathital Feeder	1486.664	1500.406	13.742				13			35			10					5975
								11 KV Shakti Nagar Feeder	1408.232	1425.006	16.774				2			21			5					990
								11 KV IBM Feeder	60.738	61.724	0.986				2		1				2					4395
								11 KV Rampur Feeder	319.304	324.312	5.008		1		7			11			3	1				4460
								11 KV Gwar Ghat -1 Feeder	766.748	777.576	10.828				4			14			4					3593
								11 KV Gwar Ghat -2 Feeder	415.680	419.376	3.696				1	5		12			2					34613
		Sub-Total -8		0	2	1	18				53.627	0	1	1	33	0	1	93	0	0	26	1	3	1		
		Medical PSS	33/11KV		3	15	11 KV Garha -1&4 Feeder	503.880	514.300	10.420				2			5			5				2775		
							11 KV Garha -2 Feeder	930.390	938.230	7.840				1	4		14			1				3578		
							11 KV Garha -3&5 Feeder	239.828	244.064	4.236				5			4			2			1	1930		
							11 KV Bargi Feeder #	301.748	303.268	1.520	This two feeders serve's Jabalpur O&M Division															
							11 KV Shapura Feeder #	201.236	203.978	2.742																
							11 KV Medical Feeder	348.336	352.102	3.766				3			1								500	
							11 KV Tilwara Feeder	500.884	509.560	8.676	1			1	14		10			1					3803	
		Sub-Total -9		0	3	0	15				34.938	1	0	2	28	0	0	34	0	0	9	0	0	1	12586	
		South Division-Total		1	13	1	74.6				250.665	13	2	6	157	14	1	376	0	0	61	2	4	12	119178	
3	North Division	Maharajpur PSS	33/11KV	1		5	11 KV Housing Board Feeder	186.656	193.340	6.684				11			14							3900		
							11 KV Transport Nagar Feeder	139.802	142.046	2.244				1	4		8							2063		
							11 KV Maitri Feeder	111.222	115.236	4.014				8			5			3				2745		
							Sub-Total -1		0	1	0	5				12.942	0	0	1	23	0	0	27	0	0	3
		JP Nagar PSS	33/11KV	1		5	11 KV Maharajpur Feeder	485.532	490.706	5.174	3			1	4		5								1538	
							11 KV JP Nagar Feeder	475.039	488.238	13.199					2		12			9				5435		
							11 KV JNKW HT -1 Feeder	107.888	109.592	1.704													2			
							11 KV JNKW HT -2 Feeder	83.454	84.656	1.202													3			
		Sub-Total -2		0	1	0	5				21.279	3	0	1	6	0	0	17	0	0	9	0	0	5	6973	

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A													NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)			
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA					
4	East Division	Gokalpur PSS	33/11KV		2		10	11 KV Ranjhi Feeder	1406.650	1422.050	15.400				8			24			3	1				7045		
								11 KV Bajrang Nagar Feeder	942.136	958.863	16.727				14			19			2				5830			
								11 KV Shobhapur (Gokalpur) Feeder	370.848	376.342	5.494				3			9			2			1	2730			
								Sub-Total -3		0	2	0	10				37.621	0	0	0	25	0	0	52	0	0	7	1
		Richhai PSS	33/11KV		2		10	11 KV Panagar Feeder #	114.606	114.618	0.012	This feeder serve's Jabalpur O&M Division																
								11 KV Pipariya Feeder	595.892	605.434	9.542	2		9	14			13							4617			
								11 KV Industrial -1 Feeder	566.824	570.302	3.478	2			10			12			4			5	4710			
								11 KV Industrial -2 Feeder	270.516	276.622	6.106	1		4	17			11			8			21	6697			
								11 KV Pragma Energy Feeder (Bulk)	150.673	151.577	0.904													1				
								Sub-Total -4		0	2	0	10				20.030	5	0	13	41	0	0	36	0	0	12	0
		Adhartal PSS	33/11KV				16	11 KV Pipariya Feeder	492.924	501.606	8.682				4			11			3					3545		
								11 KV Adhartal Industrial area	304.566	309.050	4.484				7			11			10	1		7	6550			
								11 KV Maharajpur Feeder	477.702	479.500	1.798				5			5							1500			
								11 KV Adhartal Town Feeder	780.462	793.013	12.551				2			7			11			1	5065			
								11 KV Thakkar Gram Feeder	1294.392	1310.946	16.554				2	3		16			4				4886			
		Sub-Total -5		0	0	2	16				44.069	0	0	2	21	0	0	50	0	0	28	1	0	8	21546			
		North Division-Total				0	6	2	46				135.9410	8	0	17	116	0	0	182	0	0	59	2	0	41	68856	
				Satpula PSS	33/11KV		3		15	11 KV GCF N-300 Feeder (HT Bulk)	0.000	10.247	10.247														1	
										11 KV GCF N-301 Feeder (HT Bulk)	0.000	6.815	6.815														1	
										Sub-Total -1		0	3	0	15				17.062	0	0	0	0	0	0	0	0	0
				Gorabazar PSS	33/11KV		3		15	11 KV H'Rose Feeder	315.572	322.006	6.434				15			7			3			2	3845	
										11 KV Sadar Feeder	494.926	505.184	10.258				5			11			6	1		1	5090	
										11 KV Ridge Road Feeder	170.199	175.056	4.857				8			12			2			1	3830	
										11 KV University Feeder	126.586	127.739	1.153				5			4						2	1300	
										11 KV Bilihari Feeder	380.544	387.932	7.389			1	12			13							3863	
										11 KV Water works Feeder (HT Bulk)	64.806	69.810	5.004													1		
				Sub-Total -2		0	3	0	15				35.095	0	0	1	45	0	0	47	0	0	11	1	0	7	17928	
Power House PSS	33/11KV						8	11 KV Omti Feeder	269.688	283.706	14.018				2			13			1	6	1			5490		
								11 KV Circuit House Feeder	394.904	399.200	4.296				6			4			4			2	2660			
								11 KV Indira Mkt Feeder	156.258	159.392	3.134				3			3			1	1		1	1715			
Sub-Total -3		0	0	1	8				21.448	0	0	0	11	0	0	20	0	1	11	2	0	3	9865					

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A													NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA		
		Sai Nath PSS	33/11KV		1		5	11 KV Civil line Feeder	282.448	286.514	4.066				4			8						3	2000
								11 KV Pachpadi Feeder	196.858	201.066	4.208				9			9			3				3645
		Sub-Total -4		0	1	0	5				8.274	0	0	0	13	0	0	17	0	0	3	0	0	3	5645
		Gohal Pur PSS	33/11KV			1	8	11 KV Pasiyana Feeder	836.184	847.030	10.846							8			6				3490
								11 KV Chandini Chowk Feeder	864.442	876.146	11.704							3	2		8				3620
		Sub-Total -5		0	0	1	8				22.550	0	0	0	0	0	0	11	2	0	14	0	0	0	7110
		Bahantalaia PSS	33/11KV			2	16	11 KV Phootatal Feeder	938.486	952.932	14.446				5			4			9	2			5135
								11 KV Premsagar Feeder	987.784	1002.666	14.882				3			12			6				4590
								11 KV Bahurabag Feeder	556.840	571.978	15.138							9			10				4950
								11 KV Hanumantal Feeder	1218.514	1230.878	12.364				2			5	2		9			1	4535
		Sub-Total -6		0	0	2	16				56.830	0	0	0	10	0	0	30	2	0	34	2	0	1	19210
		Vinoba Bhawe PSS	33/11KV		3		15	11 KV Ghampur Feeder	425.864	439.370	13.506				1			9			10				5050
								11 KV Dwarka Nagar Feeder	1438.756	1456.662	17.906				1			14			8	1			5920
								11 KV Circuit house Feeder	276.940	277.844	0.904							1							200
								11 KV Chhuikhadan Feeder	42.294	43.026	0.732	10			3			1							750
								11 KV Beoharbagh Feeder	127.999	130.341	2.342							1			3			1	1145
								11 KV Clock Tower Feeder	283.062	285.932	2.870				2			3						2	800
		Sub-Total -7		0	3	0	15				38.260	10	0	0	7	0	0	29	0	0	21	1	0	3	13865
		East Division-Total		0	10	4	82				199.520	10	0	1	86	0	0	154	4	1	94	6	0	19	73623
5	West Division	Ranital	33/11KV		1		5	11 KV Golbazar Feeder	318.299	333.084	14.785				5			5			12			3	5280
								11 KV Ranital Feeder	225.268	233.507	8.240				1	9		9			4			7	4023
		Sub-Total -1		0	1	0	5				23.025	0	0	1	14	0	0	14	0	0	16	0	0	10	9303
		Ukhari	33/11KV		1	2	21	11 KV Feeder Ukhari -5	870.836	880.308	9.472				2			7			8	1		1	4620
								11 KV Feeder Ukhari -3	1066.594	1082.849	16.255				5			17			1	3		1	5145
								11 KV Feeder Ukhari -4	1166.966	1175.882	8.916				1			7			7	1		1	4205
								11 KV Feeder Ukhari -2	1347.270	1357.886	10.616				2			10			6				4090
								11 KV Feeder Ukhari -6	1278.500	1291.036	12.536				1	8		17	1	1	11				8278
								11 KV Feeder Ukhari -7 (Sneh Nagar)	11.208	11.214	0.006	DTR detail in vijay Nagar Division													
		Sub-Total -2		0	1	2	21				57.801	0	0	1	18	0	0	58	1	2	35	2	0	3	26338

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				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA		
		Lema garden	33/11KV		1	1	13	11 KV Bada Fuhara Feeder	379.614	387.616	8.002							4			9				3635
								11 KV Miloni Gunj Feeder	563.376	574.540	11.164							4		1	5	3			4175
								11 KV Baldeo Bag Feeder	241.776	246.148	4.372				3			13			5				4475
								11 KV Amkhera Feeder	648.246	659.958	11.712				2			5			1				1515
								11 KV Shanti Nagar Feeder	221.498	225.890	4.392										4				2060
								11 KV Trimurti Nagar Feeder	242.563	253.074	10.511				5			14			2				3930
		Sub-Total -3		0	1	1	13				50.153	0	0	0	10	0	0	44	0	1	26	3	0	0	19790
		Katanga PSS	33/11KV		2		10	11 KV Katanga (Sadar) Feeder	271.734	276.908	5.174	DTR detail in East Division													
								11 KV Fourth Bridge(Chouthapul) Feeder	469.256	486.992	17.736			1	3	1		22			4			2	6173
								11 KV Prasara Bharti Feeder	395.942	404.938	8.996				3			11			1			4	2815
		Sub-Total -4		0	2	0	10				31.906	0	0	1	6	1	0	33	0	0	5	0	0	6	8988
		Clock Tower (Ghantaghar) PSS	33/11KV		2		10	11 KV Nagrath Feeder	904.284	908.704	4.420				2			11			2			5	3030
								11 KV Karamchand Feeder	1370.372	1383.666	13.294				5			12		1	3	3		1	5645
								11 KV Victoriya Feeder	637.930	645.618	7.688			1	1			5			5	1		2	3238
		Sub-Total -5		0	2	0	10				25.402	0	0	1	8	0	0	28	0	1	10	4	0	8	11913
		Mission Press PSS	33/11KV		2		10	11 KV Nepier Town Feeder	636.320	664.099	27.779			1	19			28			4	1		7	9323
								11 KV Museum Feeder	42.680	43.432	0.752							2							400
								11 KV Naudra Feeder	316.606	328.840	12.234				3			20			7			3	6505
		Sub-Total -6		0	2	0	10				40.765	0	0	1	22	0	0	50	0	0	11	1	0	10	16228
		Amanpur PSS	33/11KV		1	1	13	11 KV Wright Town Feeder	1855.446	1871.722	16.276			6	15			24	3		9	1		9	10763
								11 KV Gorakhpur Feeder	1510.958	1525.008	14.050			2	9						10	1		3	7076
		Sub-Total -7		0	1	1	13				30.326	0	0	8	24	0	0	36	3	0	19	2	0	12	17839
		West Division-Total		0	10	4	82				259.377	0	0	13	102	1	0	263	4	4	122	12	0	49	110399
		JABALPUR CITY CIRCLE -TOTAL		1	41	12	302.6				886.871	31	2	39	488	15	1	1046	8	5	350	22	4	121	393492

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

b) 11 side Input energy of Jabalpur city circle is sum of energy consumed by out going 11 Kv feeders from 33/11KV PSS minus energy consumed by 11KV faders which serves Jabalpur O&M Division which not in Jabalpur city Circle

**11KV FEEDER DETAILS OF BHOPAL O&M
CIRCLE OF MADHYA PRADESH**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

C) 11KV FEEDERS DETAIL OF BHOPAL O&M CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)			
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA							
1	Bareli Division	33/11KV Khargone (PSS)	33/11 KV		2	10	11KV Khargone Town feeder	117.618	119.824	2.206			11		3	8			1										1464				
							11KV Rajwada feeder	204.172	204.23	0.058						2															1	200	
							11KV Jamgarh (Jamuniya) feeder						8		8	5			1														1404
							11KV Kuchwada feeder	340.046	342.118				3		6	1			1													2	753
							11KV Rajwada DOM feeder						12		8	1			1														1104
							11KV Beganiya feeder						30		25	24			1														4925
		Sub-Total -1							0	0	2	0	10				2.264	0	0	64	0	50	41	0	0	5	0	0	0	0	0	3	9850
		33/11KV Kunddali/Bamhori (PSS)	33/11 KV		2	1	11.3	11KV Bamhori feeder	Meter not Installed yet/Meter defective					10		8	9			2										2054			
								11KV Gupti feeder						5		7			6						1	1766							
								11KV Gundarai feeder						5		8	8			1							1629						
								11KV Kundali feeder						13		8	5			3						1	1929						
								11KV Chhigwada feeder						14		12	9			2								2406					
		Sub-Total -2							0	2	1	0	11.3					0	0	47	0	43	31	0	0	14	0	0	0	0	0	2	9784
		33/11KV Simaria (PSS)	33/11 KV			1		3.15	11KV Simarai feeder	Meter not Installed yet/Meter defective							6	8											1	1353			
		Sub-Total -3							0				1	0	0	3.15				0	0	7	0	6	8	0	0	0	0	0	0	0	1
		33/11KV Keeratpur (PSS)	33/11 KV		2		6.3	11KV Patariya feeder	Meter not Installed yet/Meter defective					6		10	8													1580			
								11KV Ushapur feeder						4		10	6			1						2	1530						
								11KV Kiratpur feeder						16		8	19											2804					
		Sub-Total -4							0	2	0	0	6.3				0	0	0	26	0	28	33	0	0	1	0	0	0	0	0	2	5914
		33/11KV Bareli (PSS)	33/11 KV		2		10	11KV Bada Bazar feeder	Meter not Installed yet/Meter defective								2			4										1000			
								11KV Udaipura road feeder						9		7	12			8							3466						
								11KV Bhopal road feeder						5		2	8			3						3	1651						
								11KV Badi-1 feeder						1			14			6							2625						
								11KV Badi-2 feeder						10		7	6			1								1491					
		Sub-Total -5							0	0	2	0	10				0	0	25	0	16	42	0	0	22	0	0	0	0	0	3	10233	
		33/11KV Badi (PSS)	33/11 KV			1		5	11KV Barana feeder	Meter not Installed yet/Meter defective							12	6			1									1731			
		Sub-Total -6							0				0	1	0	5				0	0	7	0	12	6	0	0	1	0	0	0	0	0
		33/11KV Kamthon (PSS)	33/11 KV		1	1	8.15	11KV Gaganwada feeder	Meter not Installed yet/Meter defective					11		14	3			2										1857			
11KV Bhondiya feeder												9		15	9			1							2270								
Sub-Total -7							0	1	1	0	8.15				0	0	20	0	29	12	0	0	3	0	0	0	0	0	0	4127			
33/11KV Digwad (PSS)	33/11 KV		2		10	11KV Dehari feeder	Meter not Installed yet/Meter defective					16		38	6													3394					
						11KV Bharkatchh/Badoniya feeder						17		5	1									1	840								
						11KV Digwad feeder						4		8	7			1						2	1504								
						11KV Amarawat feeder						13		4	8			1							1577								
Sub-Total -8							0	0	2	0	10				0	0	50	0	55	22	0	0	2	0	0	0	0	0	3	7315			

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.															NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)					
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA								
	33/11KV Udaipura (PSS)	33/11 KV	2			10	11KV Udaipura town feeder	791.413	801.662	10.249			4		5	11			4										2315					
							11KV Noniyabareli/Boras feeder	Meter not Installed yet/Meter defective					3		1	4															1	538		
							11KV Silari kala feeder				9		11	1			1																1218	
							11KV Uradmau feeder				2		15	5			1																2	1695
							11KV Noornagar feeder						23	28	16		1																	4139
							11KV Chandeli feeder						1	5	5																			840
							Sub-Total -9		0	0	2	0	10				10.249	0	0	42	0	65	42	0	0	7	0	0	0	0	0	0	0	3
	33/11KV Deori (PSS)	33/11 KV	2			10	11KV Deori feeder	Meter not Installed yet/Meter defective		1.084			8		5	5			3										1615					
							11KV Panjara feeder						15		39	16			2												1	4832		
							11KV Gorakhpur feeder	255.752	256.836	1.084			3		15	2			2													1620		
							11KV Gehalawan feeder	Meter not Installed yet/Meter defective					12		9	11																1	1967	
							11KV Thala feeder						2		10	2																	880	
	Sub-Total -10		0	0	2	0	10				1.084	0	0	40	0	78	36	0	0	7	0	0	0	0	0	0	0	2	10914					
	33/11KV Gurariya (PSS)	33/11 KV	1	1		8.15	11KV Gurariya feeder	Meter not Installed yet/Meter defective					7		8	2			2										1	1279				
							11KV Biladiya feeder						16		9	6																1	1567	
							11KV Bharkatchh feeder						7		4	15																		
	Sub-Total -11		0	1	1	0	8.15				0	0	0	30	0	21	23	0	0	2	0	0	0	0	0	0	0	2	4773					
	33/11KV Mangrol (PSS)	33/11 KV	1			3.15	11KV Ghatpipriya feeder	Meter not Installed yet/Meter defective		0			22		9	3			1										1617					
							11KV Dhama/Khandra feeder								7	9			3													1	1941	
	Sub-Total -12		0	1	0	0	3.15				0	0	0	22	0	16	12	0	0	4	0	0	0	0	0	0	0	1	3558					
	33/11KV Boras (PSS)	33/11 KV	1			3.15	11KV Boras feeder	Meter not Installed yet/Meter defective		0			9		12	10													1981					
							11KV Choras feeder						3		5	12																	1590	
	Sub-Total -13		0	1	0	0	3.15				0	0	0	12	0	17	22	0	0	0	0	0	0	0	0	0	0	0	3571					
	33/11KV Bagpipariya (PSS)	33/11 KV	2			10	11KV Bagpipariya feeder	Meter not Installed yet/Meter defective		0			6		7	7													1291					
							11KV Aliganj -1 feeder						21		19	11			3														1	3422
							11KV Aliganj - 2 feeder						8		2	13			4															2426
							11KV Untita feeder						6		17	4			2														1	2021
							11KV Khandraj/Chhavera feeder						4		14	5																		
	Sub-Total -14		0	0	2	0	10				0	0	0	45	0	59	40	0	0	9	0	0	0	0	0	0	0	2	10642					
	33/11KV Thala Dighawan (PSS)	33/11 KV	2			6.3	11KV Dighawan feeder	Meter not Installed yet/Meter defective		0			12		9	5			1										1567					
							11KV Rampura feeder						6		9	1															2	817		
							11KV Kekada feeder						5		5	1																	540	
	Sub-Total -15		0	2	0	0	6.3				0	0	0	23	0	23	7	0	0	1	0	0	0	0	0	0	0	2	2924					
	33/11KV Koda Jamunia (PSS)	33/11 KV	2			6.3	11KV Pandrai Kala feeder	Meter not Installed yet/Meter defective		0			10		7	6													1291					
							11KV Bhatkhedi feeder						8		8	9																1604		
							11KV Barkhanda feeder								8	3																	804	
	Sub-Total -16		0	2	0	0	6.3				0	0	0	18	0	23	18	0	0	0	0	0	0	0	0	0	0	0	3699					
	33/11KV Noniya Bereli (PSS)	33/11 KV	1			3.15	11KV Noniya Bareli feeder	Meter not Installed yet/Meter defective		0			9		8	7			5										3	2429				
							11KV Dholsshri/Ghat khedi feeder						5		12	3																1181		
							11KV Kevat pipariya feeder								8	2																		704
	Sub-Total -17		0	1	0	0	3.15				0	0	0	14	0	28	12	0	0	5	0	0	0	0	0	0	3	4314						

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA		
		33/11KV Bhopatpur (PSS)	33/11 KV			1		5	11KV Ramkhiriya feeder 11KV Bhopatpur feeder 11KV Kaniwada feeder	Meter not Installed yet/Meter defective					9		8	7			1							1629
													1		5	14		1								2	1940	
													7		6	7		1										1453
		Sub-Total -18		0	0	1	0	5			0	0	0	17	0	19	28	0	0	3	0	0	0	0	0	0	2	5022
		33/11KV Pipaliya	33/11 KV			1		5	11KV Pipaliya Puhariya feeder 11KV Lamta feeder	Meter not Installed yet/Meter defective					15		26	16		2							1	4013
		Sub-Total -19		0	0	1	0	5				0	0	0	20	0	34	29	0	0	2	0	0	0	0	0	0	1
											0	0	0	20	0	34	29	0	0	2	0	0	0	0	0	0	1	5942
		33/11KV Nayagaon (PSS)	33/11 KV			1		5	11KV Beganiya feeder	Meter not Installed yet/Meter defective							3	11			2						1	1789
		Sub-Total -20		0	0	1	0	5				0	0	0	4	0	3	11	0	0	2	0	0	0	0	0	0	1
		33/11KV Harsily (PSS)	33/11 KV			1		5	11KV Salaiya feeder 11KV Ghot feeder 11KV Harsily feeder	Meter not Installed yet/Meter defective					14		24	3									2	2162
													4		5											2	415	
	Sub-Total -21		0	0	1	0	5				0	0	0	30	0	53	22	0	0	1	0	0	0	0	0	0	2	6489
	33/11KV Bharkhach/Gadarwas (PSS)	33/11 KV		2			6.3	11KV Bharkhach feeder 11KV Gora feeder 11KV Gadarwas/Gora feeder	Meter not Installed yet/Meter defective					5		7	7		1								1466	
														14		24	3									2	2162	
	Sub-Total -22		0	2	0	0	6.3				0	0	0	28	0	39	18	0	0	3	0	0	0	0	0	0	2	5557
	Total Bareilly Division				0	16	20	0	150.4				13.597	0	0	591	0	717	515	0	0	94	0	0	0	0	37	130246
	2	Nasrullaganj Division	33/11KV Kakarda feeder	33/11KV Rehati (PSS)						11KV Kakarda feeder	158.205	160.278	2.073			20		12	21			2						3756
			11KV Semri(R) feeder							11KV Semri(R) feeder	Meter defective					12		36	17							3	4268	
			11KV Satrana feeder							11KV Satrana feeder	620.337	622.722	2.385			9		9	20			2					3192	
			11KV Town(Rehati) feeder							11KV Town(Rehati) feeder	368.388	374.847	6.459			8		3	10			3					1989	
			11KV Salkanpur feeder							11KV Salkanpur feeder	Meter defective					8		2	8								1	1126
			Sub-Total -1		0	0	2	0	10			10.917	0	0	57	0	62	76	0	0	7	0	0	0	0	0	4	14331
33/11KV Mardanpur			33/11 KV			1		5	11KV Mardanpur feeder 11KV Mogra feeder	Meter not Installed yet/Meter defective					9		5	11									1640	
Sub-Total -2				0	0	1	0	5				0	0	0	22	0	14	22	0	0	1	0	0	0	0	0	3832	
33/11KV Neelkanth (PSS)			33/11 KV			1	1	8.15	11KV Chhindaon-Kanchi-Nilkantha feeder 11KV Dimavar feeder 11KV Neelkanth feeder	1324.56	1331.76	7.2					24	3									1812	
																		10	3								0	
Sub-Total -3				0	1	1	0	8.15			25.9776	0	0	0	0	34	6	0	0	0	0	0	0	0	0	0	0	2742
33/11KV Chakaldi (PSS)			33/11 KV			1		5	11KV Chakaldi feeder 11KV Baniya Gaon feeder	Meter not Installed yet/Meter defective					4		27	11		3							3501	
Sub-Total -4		0	0	1	0	5			0		0	0	5	0	38	17	0	0	3	0	0	0	0	0	1	1318		
									0	0	0	5	0	38	17	0	0	3	0	0	0	0	0	0	1	4819		

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Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)			
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA							
	33/11KV Nakkitalai (PSS)	33/11 KV	1	1		8.15	11KV Bayan feeder	Meter not Installed yet/Meter defective					5		4	4			1									2	977				
							11KV Pangurariya feeder						5		10	18																2555	
							11KV Deepakheda feeder								5	15			3														2415
							11KV Nasrullaganj Town				1076.668	1091.112	14.444			11	5	10		16													
							Sub-Total -5		0	1	1	0	8.15				14.444	0	0	21	0	24	47	0	0	20	0	0	0	0	0	0	2
	33/11KV Nasrullaganj (PSS)	33/11 KV		4		20	11KV Borkhedi feeder	1024.3672	1031.9934	7.62624					22	6													1986				
							11KV Rala feeder	664.75	669.31	4.56			27		21	21															4098		
							11KV Town-1 feeder	1076.668	1091.112	14.444						5	4			11										1	2915		
							11KV Town-2 feeder	Meter not Installed yet					4		7	10		4													2341		
							11KV Chandagrahan feeder	152.026	152.512	0.486			5		5	5														2	940		
							11KV Nimnagaon feeder	Meter not Installed yet							6	6	19		1												2628		
							11KV Mandi feeder	313.666	316.02	2.354					20																500		
							11KV Balagoan feeder	Meter not Installed yet												36	36		1								6068		
	Sub-Total -6		0	0	4	0	20				29.47024	0	0	62	0	102	101	0	0	17	0	0	0	0	0	0	3	21476					
	33/11KV Rafiqganj (PSS)	33/11 KV	1			3.15	11KV Suyapani(Rafiqganj) feeder	Meter not Installed yet/Meter defective					4		5	4												815					
							11KV Nayapur feeder						11		9	6														1442			
							11KV Sankota feeder								4	1																352	
	Sub-Total -7		0	1	0	0	3.15				0	0	0	15	0	18	11	0	0	0	0	0	0	0	0	0	0	2609					
	33/11KV Semalpani (PSS)	33/11 KV	1			3.15	11KV Nimnagaon-II feeder	Meter not Installed yet/Meter defective					3		3	9												1164					
							11KV Semalpani-II feeder						5		10	11												2	1855				
							11KV Nimota feeder						5		9	3												1	992				
	Sub-Total -8		0	1	0	0	3.15				0	0	0	13	0	22	23	0	0	0	0	0	0	0	0	0	3	4011					
	33/11KV Bhadakui (PSS)	33/11 KV		1		5	11KV Bhadakui feeder	Meter not Installed yet/Meter defective					2		3	2			2									839					
							11KV Chandragrahan feeder								3	7			3								3	1489					
	Sub-Total -9		0	0	1	0	5				0	0	0	2	0	6	9	0	0	5	0	0	0	0	0	0	3	2328					
	33/11KV Gopalpur (PSS)	33/11 KV		2		10	11KV Gopalpur -I feeder	1598.367	1609.5358	11.16876			10		17	12			20									6521					
							11KV Gopalpur -II feeder	853.328	855.448	2.12			17		22	18			1										3811				
							11KV Chipaner feeder	Meter defective					15		11	19			2									1	3368				
							11KV Andheriya feeder								1	10	3		1								2	1155					
							11KV Badnagar feeder						16		12	16												1	2756				
	Sub-Total -10		0	0	2	0	10				13.28876	0	0	59	0	72	68	0	0	24	0	0	0	0	0	4	17611						
	33/11KV Hameedganj	33/11 KV		1		5	11KV Hameedganj feeder	Meter defective					38		25	9												3425					
							11KV Borkhedi feeder						1		16	4												1433					
	Sub-Total -11		0	0	1	0	5				0	0	0	39	0	41	13	0	0	0	0	0	0	0	0	0	4858						
	33/11KV Vasudev (PSS)	33/11 KV		1		5	11KV Sukarwas feeder	71.02	72.139	1.119			8		9	10			2									2167					
							11KV Vasudev feeder	40.066	40.089	0.023			1		4	4			2										1	1077			
							11KV Shyampur(Magariya) feeder	73.182	73.565	0.383			2		8	2			1										1	954			
							11KV Shyampur/Vasudev feeder	Meter defective					10		5	5			1											1265			
	Sub-Total -12		0	0	1	0	5				1.525	0	0	21	0	26	21	0	0	6	0	0	0	0	0	2	5463						

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)								
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA										
3		33/11KV Gillore (PSS)	33/11 KV		1	1		8.15	11KV Pandagaon feeder	Meter not Installed yet/Meter					16		13	22			2									3819						
									11KV Balagaon (Haliyakheda) feeder	1678.2533	1685.5531	7.29984					17	17																2771		
									11KV Nayagaon Dom feeder						17																		1	425		
									11KV Nayagaon (Gillor) feeder								6	4																778		
			Sub-Total -13		0	1	1	0	8.15				7.29984	0	0	33	0	36	43	0	0	2	0	0	0	0	0	0	1	7793						
			Total Nasrullaganj Division		0	5	16	0	95.75				102.92244	0	0	349	0	495	457	0	0	85	0	0	0	0	0	0	23	102610						
	Bhopal O&M Division	33/11KV Bilkhiriya (PSS)	33/11 KV		1				3.15	11KV Bilkhiriya feeder	Meter not Installed yet/Meter defective							7	4											841						
										11KV Sankal feeder									1													1	100			
			Sub-Total -1		0	1	0	0	3.15				0	0	0	0	7	5	0	0	0	0	0	0	0	0	0	1	941							
		33/11KV Bagroda (PSS)	33/11 KV		1				3.15	11KV Bangrasiya/Semri(Bagroda) feeder	10.45	10.761	0.311	1		13				1										541						
										11KV Jamuniya/Pipliya kunjangarh feeder	81.3	82.13	0.83			17		11													1	1118				
										11KV Bagroda DOM feeder	Meter defective				4	28																		764		
			Sub-Total -2		0	1	0	0	3.15				1.141	0	5	58	0	11	0	0	0	1	0	0	0	0	0	0	1	2423						
		33/11KV Sukhi Sewaniya (PSS)	33/11 KV			2			10	11KV Gashala feeder	51.29105	51.34855	0.0575			9		8	2											929						
										11KV Sukhi Sewaniya feeder	221.928	224.234	2.306			1		13	7		3											1	2144			
										11KV Chopda feeder	Meter not Installed yet/Meter defective							10	9		2													1930		
										11KV Sukhisewniya Dom feeder						14		2	4		1											2	1076			
			Sub-Total -3		0	0	2	0	10	11KV Aredi feeder						7		12			1										1131					
		33/11KV Lambakheda (PSS)	33/11 KV			1			5	11KV Ghasipura feeder	Meter not Installed yet/Meter defective							10	8		2										1830					
										11KV Karond feeder								3	13													1	1489			
										11KV BSNL(Ghasipura DOM) feeder						5		4	4		2												1177			
										11KV Industrial /Lambakheda feeder						6		14	1															1132		
			Sub-Total -4		0	0	1	0	5				0	0	0	11	0	31	26	0	0	4	0	0	0	0	0	0	1	5628						
		33/11KV Intkhedi (PSS)	33/11 KV		1	2			13.15	11KV Chanderi feeder	Meter not Installed yet/Meter					2		19	15		3										3347					
										11KV Balampur feeder	460.02	460.246	0.226			2		5	7		2													1465		
										11KV Dupadiya feeder	Meter not Installed yet/Meter defective					1		15	10		4													2	667	
										11KV Sukha Neraniya feeder								9	1															5	1200	
										11KV Industrial feeder	21.2123	21.2123	0						2		5														4	804
										11KV Islamnagar feeder	Meter not Installed yet/Meter defective							3	1		1					1			1							2403
			Sub-Total -5		0	1	2	0	13.15	11KV Badwai feeder						1		6	14		3									11	12656					

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)		
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA				
	33/11KV Ratua (PSS)	33/11 KV			2	10	11KV Maholi feeder	207.608	207.694	0.086					8	11			2							1	2004			
							11KV Dillod feeder	50.822	51.856	1.034					5	3			3								1	1215		
							11KV Sukaliya feeder	386.058	387.166	1.108					12	11			4											2656
							11KV Ratua-A feeder	92.616	92.647	0.031			3		3	10														1264
							11KV Ratua-B/Crusher feeder	9.3971	9.505	0.1079			10		8	8														1554
							11KV Hinoti feeder	Meter not Installed yet/Meter defective					1		3	13			2											1914
							11KV Hinoti/Dillod feeder						15																	375
	Sub-Total -6				0	0	2	0	10			2.3669	0	0	29	0	39	56	0	0	11	0	0	0	0	0	2	10982		
	33/11KV Sahara (PSS)	33/11 KV			1	5	11KV Sahara -I feeder	47.38305	48.4854	1.10235			17		4	9			1								1777			
							11KV Sahara -II feeder	45.972	46.06	0.088			11		11	5			1								1	1668		
							11KV Bangrasiya feeder	Meter not Installed yet/Meter defective					14					1										550		
	Sub-Total -7				0	0	1	0	5			1.19035	0	0	42	0	15	14	0	0	3	0	0	0	0	0	1	3995		
	33/11KV Gunga (PSS)	33/11 KV			2	10	11KV Gunga feeder	Meter not Installed yet/Meter defective					2		11	14			7								3543			
							11KV Kutkipur feeder						16		3	2			1								989			
							11KV Karondiya feeder						17														2	425		
							11KV Kalara feeder						1		12	9			7									3081		
	Sub-Total -8				0	0	2	0	10			0	0	36	0	26	25	0	0	15	0	0	0	0	0	2	8038			
	33/11KV Dhamarra (PSS)	33/11 KV			2	10	11KV Kachnariya feeder	83.628	85.266	1.638					5	6			2								1315			
							11KV Balachound feeder	55.04	56.596	1.556			7		7	3			3						2	1516				
							11KV Dhamarra feeder	Meter not Installed yet/Meter defective							5	4			3								1315			
							11KV Barri Maholi feeder								7	3			2						1141					
	Sub-Total -9				0	0	2	0	10			3.194	0	0	7	0	24	16	0	0	10	0	0	0	0	2	5287			
	33/11KV Berasiya (PSS)	33/11 KV		1	2	13.15	11KV Berasiya Town feeder	480.6035	485.451	4.8475						5			13								3100			
							11KV Megra feeder	213.693	215.468	1.775						5			3										1100	
							11KV Tarawali feeder	210.526	212.046	1.52			1		11	12												3	1918	
							11KV Pipaliya feeder	36.383	38.5584	1.879					4	3			1										752	
							11KV Dalmil feeder	133.018	139.914	6.896									1									1	200	
							11KV Barkheda feeder	377.996	380.138	2.142			1		12	18			4											3381
							11KV Barri feeder	194.1	195.93	1.83						18														
	Sub-Total -10				0	1	2	0	13.15			20.8895	0	0	2	0	27	61	0	0	22	0	0	0	0	0	4	12251		
	33/11KV Ramgarha (PSS)	33/11 KV		2		6.3	11KV Bojhpura khitwas feeder	Meter not Installed yet/Meter defective					1		13	16			3									3044		
							11KV Khejdagopi(Bojhpura) feeder						33														825			
							11KV Ramgarha DOM feeder						20														2	500		
							11KV Khitwash feeder								22	11			3									3086		
							11KV Ramgarha/Laloi feeder						2		9	15			3										2717	
Sub-Total -11				0	2	0	0	6.3			0	0	0	56	0	44	42	0	0	9	0	0	0	0	0	2	10172			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)						
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA								
	33/11KV Runaha (PSS)	33/11 KV	1			3.15	11KV Mangalgarh feeder	Meter not Installed yet/Meter defective									9	9			6								2667					
							11KV Bagsi feeder																								2118			
							11KV Parasone feeder																									1052		
							11KV Parsora feeder																									1	1456	
							11KV Mangalgarh (DOM) feeder																										525	
							11KV Bagsi DOM feeder																										1540	
							11KV Parsora (DOM) feeder																										425	
	Sub-Total -12												0	0	48	0	41	40	0	0	10	0	0	0	0	0	0	1	9783					
	33/11KV Nayasamand	33/11 KV		1		3.15	11KV Nayasamand feeder	Meter not Installed yet/Meter defective									11	14			17								4557					
							11KV Manakund feeder																								1217			
	Sub-Total -13												0	0	25	0	23	1	0	0	18	0	0	0	0	0	0	0	5774					
	33/11KV Kulhore (PSS)	33/11 KV	1	1		8.15	11KV Dangroli feeder	Meter not Installed yet/Meter defective										13	7										1519					
							11KV Kulhore DOM feeder																								1600			
							11KV Lalariya feeder	7.356	13.87	6.514																						1	1871	
							11KV Lalariya DOM feeder	Meter not Installed yet/Meter defective																									1	1015
							11KV Dongriya feeder	2.622	5.008	2.386																								3748
	Sub-Total -14												0	0	17	0	56	42	0	0	8	0	0	0	0	0	0	2	9753					
	33/11KV Majeedgarh (PSS)	33/11 KV	1			3.15	11KV Majeedgarh feeder	22.38	22.47975	0.09975								3	10	4										1105				
							11KV Majeedgarh DOM feeder	Meter not Installed yet/Meter defective																						1	1941			
							11KV Kolukhedi feeder																									2143		
							11KV Ganakhedi/Khatlakhedi feeder	14.90625	14.9085	0.00225																						1940		
	Sub-Total -15												0	0	6	0	33	39	0	0	5	0	0	0	0	0	0	1	7129					
	33/11KV Suhaya (PSS)	33/11 KV			1	5	11KV Jamusar feeder	Meter not Installed yet/Meter defective											19	14			2							2997				
							11KV Manpura feeder																								1001			
							11KV Jamusar (DOM) feeder																								1	625		
							11KV Manpura (DOM) feeder																									675		
	Sub-Total -16												0	0	63	0	21	14	0	0	5	0	0	0	0	0	0	1	5298					
	33/11KV Sapaua (PSS)	33/11 KV		1		5	11KV Sapaua feeder	Meter not Installed yet/Meter defective											9	3			2							814				
							11KV Arawati feeder																								1	1077		
							11KV Semri (DOM) feeder																										1694	
	Sub-Total -17												0	0	33	0	20	7	0	0	4	0	0	0	0	0	0	1	3585					
	33/11KV Sonkhach (PSS)	33/11 KV	1			3.15	11KV Sonkhach feeder	Meter not Installed yet/Meter defective											11	9	5		2							1742				
							11KV Tarawali feeder																									1227		
							11KV Sonkhach(DOM)/Tarawali (DOM) feeder																										1866	
																																	1304	
	Sub-Total -18												0	0	27	0	28	25	0	0	6	0	0	0	0	0	0	0	6139					

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)								
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA										
		33/11KV Rakhavihar (PSS)	33/11 KV		2		6.3	11KV Bhouri feeder	Meter not Installed yet/Meter defective					10		5	4			2									1365							
								11KV Rakhavihar DOM feeder						11		8	6			1														1579		
								11KV Police line (DOM) feeder						8		4	7			1															1	1352
								11KV Shanti Nagar feeder						5		9	4																			1092
		Sub-Total -19			0	2	0	0	6.3				0	0	34	0	26	21	0	0	4	0	0	0	0	0	0	1	5388							
		33/11KV Parwaliya Sadak (PSS)	33/11 KV		2		10	11KV Jhirniya feeder	70.6059	71.9565	1.3506			3		21	13			7										4098						
								11KV Kurana feeder	233.978	234.02	0.042			1		5	12			3												2140				
								11KV Dhamaniya feeder	46.3626	46.4664	0.1038			1		16	14			17										1	5833					
								11KV Kalakhedi feeder	273.5	276.716	3.216			1		15	4			3												1970				
		Sub-Total -20			0	0	2	0	10				4.7124	0	0	6	0	57	43	0	0	30	0	0	0	0	0	1	14041							
		33/11KV Tumda (PSS)	33/11 KV		1		5	11KV Ratanpur feeder	Meter defective							5	9			9								1	3015							
								11KV Toomda feeder	1017.49	1017.93	0.44			1		7	5			2												1366				
								11KV Patania DOM feeder	Meter defective						5		11	6			2												1818			
		Sub-Total -21			0	0	1	0	5				0.44	0	0	6	0	23	20	0	0	13	0	0	0	0	0	1	6199							
		33/11KV Tarasewaniya (PSS)	33/11 KV		1	1	8.15	11KV Ratibad feeder	24.969	24.978	0.009			11		7	9													1616						
								11KV Jhapadiya feeder	64.138	64.164	0.026			5		8	10															1629				
								11KV Tarasewaniya feeder	Meter defective							1	2			3													863			
								11KV Bagoniya feeder	1.725	2.475	0.75					14	8			7													3082			
		Sub-Total -22			0	1	1	0	8.15	11KV Tarasewaniya DOM feeder	Meter defective						38		1				1					1	1213							
													0.785	0	0	54	0	31	29	0	0	11	0	0	0	0	0	1	8403							

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)		
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA						
	33/11KV Mugaliya Chhap (PSS)	33/11 KV			1		5	11KV Mugaliya Chhap Pump feeder	Meter defective							3	9			4										1889		
								11KV Badkheda Nathu feeder	171.7195	171.79	0.0705			1		5	4			2											1	1140
								11KV Kodiya DOM feeder	Meter defective					40			6															1600
	Sub-Total -23				0	0	1	0	5			0.0705	0	0	41	0	8	19	0	0	6	0	0	0	0	0	1	4629				
	33/11KV Khajuri Sadak (PSS)	33/11 KV		2	2		16.3	11KV Teelakhedi feeder	83.408	83.455	0.047					5	10			8									2915			
								11KV Khodiya feeder	296.838	296.912	0.074			1		2	5			6										1851		
								11KV Phanda feeder	Meter defective					2		9	11		1	5											2877	
								11KV Neelbad feeder								2	1			1										2	426	
								11KV Kolukhedi feeder	86.388	86.464	0.076			2		11	10			2										3	2143	
								11KV Khajuri Sadak DOM feeder	Meter not Installed yet					13		9	7			1											1792	
								11KV Phanda DOM feeder						35			1			2											1375	
	Sub-Total -24				0	2	2	0	16.3			0.197	0	0	53	0	38	45	0	1	25	0	0	0	0	0	5	13379				
	33/11KV Ratibad (PSS)	33/11 KV		1	1		8.15	11KV Ratibad DOM feeder	Meter not Installed yet					53	42		1	3											2261			
								11KV Ratibad Agri feeder	354.444	354.494	0.05					17	13	6													1	1844
								11KV Neelbad feeder								5	9	11														1792
								11KV Badhjhiri feeder	Meter not Installed yet					22		13														1	677	
								11KV Dobra feeder									4	9			4											1952
	Sub-Total -25				0	1	1	0	8.15			0.05	0	75	77	0	27	29	0	0	4	0	0	0	0	0	2	8526				
	33/11KV Badhhiri (PSS)	33/11 KV			1		5	11KV Narela feeder							13														325			
								11KV Badhjhiri feeder	115.404	115.486	0.082						12	18			5										3556	
								11KV Amala feeder	70.35	70.499	0.149					14																350
	Sub-Total -26				0	0	1	0	5			0.231	0	0	27	0	12	18	0	0	5	0	0	0	0	0	0	4231				
	33/11KV Telakhedi (PSS)	33/11 KV		1			3.15	11KV Teelakhedi feeder	8.5	9.4	0.9			3		5	2			7									1990			
								11KV Shaista Khedi feeder	9.29	9.8	0.51						5	3			3									2	1215	
								11KV Lasudiya DOM feeder						19																	475	
	Sub-Total -27				0	1	0	0	3.15			1.41	0	0	22	0	10	5	0	0	10	0	0	0	0	0	2	3680				
	33/11KV Mandakini (PSS)	33/11 KV			1		5	11KV Shirdipuram feeder	Meter not Installed yet						2		1	42			40							3	12313			
								11KV Mandakini feeder						6		9	10														1717	
	Sub-Total -28				0	0	1	0	5			0	0	0	8	0	10	52	0	0	40	0	0	0	0	0	3	14030				
	33/11KV Misrod (PSS)	33/11 KV			2		10	11KV Bagli-1 feeder	26.721	26.7612	0.0402					9	41			5									5667			
								11KV Bagli-2 feeder	115.9656	117.0555	1.0899			6		8	8													1454		
								11KV Salaiya (From Rohitas s/s West Div.) feeder						5		7	7													3	1266	
								11KV Misrod feeder	550.316	558.517	8.201			2		7	34			21											8091	
	Sub-Total -29				0	0	2	0	10			9.3311	0	0	13	0	31	90	0	0	26	0	0	0	0	0	3	16478				
	33/11KV JK Town (PSS)	33/11 KV		1			3.15	11KV Sarvadharm feeder	Meter not Installed yet						8		10	5											1330			
								11KV Rohit Nagar feeder						1			21			19				1					2	6240		
								11KV JK Town feeder						1			6			6										1825		
	Sub-Total -30				0	1	0	0	3.15			0	0	0	10	0	10	32	0	0	25	0	0	1	0	0	2	9395				

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A Initial meter reading at 11 KV side of PSS (LU)	B Final meter reading at 11 KV side of PSS (LU)	C=B-A Energy consumption in LU (June Month 2013)	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA						10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA				
		33/11KV Beragarh Chichli (PSS)	33/11 KV	1		2		13	11KV Priyankanagar/Ansal feeder	240.4314	254.1693	13.7379			11		12	5											1531	
									11KV Rajharsh feeder	Meter not Installed yet					9		13	6											1644	
									11KV Semri feeder	16.5165	16.5435	0.027			10		4	7								2			1202	
									11KV Goal feeder	949.808	952.86	3.052			8		5	3			2								1215	
									11KV Rajharsh (IBD) feeder	Meter not Installed yet					9		3	2			3								1214	
		Sub-Total -31		1	0	2	0	13				16.8169	0	0	47	0	37	23	0	0	5	0	0	0	0	0	2		6806	
		Total Bhopal O&M Division		1	19	31	0	217.85				74.41715	0	80	895	0	868	911	0	1	360	0	0	2	0	0	60		242229	
4	Mandideep Division	33/11KV Mandideep-I (PSS)	33/11 KV			1	1	13	11KV Mandi feeder	359.5895	368.351	8.7615			1	1	3			14									3188	
									11KV Bhojpur feeder	165.304	167.882	2.578			15	9	13												2242	
									11KV Town feeder	746.768	762.694	15.926			1		2	18		17			3			4			6296	
									11KV C Sector feeder	27.4569	36.2122	8.7553			2		2	12		8									2976	
									11KV Patelnagar feeder	171.114	180.97	9.856						3		14			5						4675	
		Sub-Total -1		0	0	1	1	13				45.8768	0	0	19	0	14	49	0	0	53	0	0	8	0	0	4		19377	
		33/11KV Mandideep-II (PSS)	33/11 KV		1	1		8.15	11KV New India area -I feeder	162.762	170.5055	7.7435			2		8	11		6								2854		
									11KV New India area -II feeder	183.877	185.762	1.885			2	8	14		5							2			2954	
									11KV Akwn feeder	5.065	7.22625	2.16125			8		2	5											826	
		Sub-Total -2		0	1	1	0	8.15				11.78975	0	0	12	0	18	30	0	0	11	0	0	0	0	0	2		6634	
		33/11KV Mandideep-III (PSS)	33/11 KV			1		5	11KV Sector A feeder	200.68793	213.1558	12.4678708				4	10		19									5052		
									11KV Sector B feeder	49.1019	56.88	7.7781			1		10	12		4									2655	
									11KV Satlapur feeder	193.234	199.66	6.426	this line is going to obedullaganj and no record found																	
									11KV Industrial feeder	22.9815	25.281	2.2995						3		5									1300	
		Sub-Total -3		0	0	1	0	5				28.9714708	0	0	1	0	14	25	0	0	28	0	0	0	0	0	0		9007	
		33/11KV Mandideep-IV (PSS)	33/11 KV				2	16	11KVSaileela feeder	3.1449	3.8852	0.7403			1			4											425	
									11KV Keeratnagar feeder	154.014	154.014	0	this line is going to obedullaganj and no record found																	
		Sub-Total -4		0	0	0	2	16				0.7403	0	0	1	0	0	4	0	0	0	0	0	0	0	0	0		425	
		Total Mandideep Division		0	1	3	3	42.15				87.3783208	0	0	33	0	46	108	0	0	92	0	0	8	0	0	6		35443	
5	Obedullaganj Division	33/11KV Obedullaganj (PSS)	33/11 KV			2		10	11KV Bishankhedi (T) feeder						4		10	13		6									3230	
									11KV Rehti Road feeder	150.381	155.08	4.699			3		2	1	1	4			1						1566	
									11KV Machli Market feeder	266.37	268.37	2.000					1	1		3						2			763	
									11KV Dantkheda feeder						1		3	6		1						1			1014	
									11KV Preantlab feeder	233.589	240.8058	7.2168			12		25	32		1						1			5275	
									11KV Tamot feeder						6		2	6		2									1276	
									11KV Iklima feeder						13		12	10		1									2281	
		Sub-Total -1		0	0	2	0	10				13.9158	0	0	39	0	55	69	1	0	18	0	0	1	0	0	4		15405	
		33/11KV Arjunnagar (PSS)	33/11 KV		1	1		8.15	11KV Dailawadi feeder						11		1	9											1238	
									11KV Noorganj feeder	0.83958	0.99748	0.1579			11		9	3								4			1142	
									11KV Noorganj (DOM) feeder						11		1	2								2			538	
		Sub-Total -2		0	1	1	0	8.15	11KV Preantlab 2 /Malakhedi feeder						10		2	4		4									1576	
												0.1579	0	0	43	0	13	18	0	0	4	0	0	0	0	0	6		4494	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)			
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA					
		33/11KV Goharganj (PSS)	33/11 KV		2	1		11.3	11KV Bineka feeder	563.206	564.808	1.602			21		24	20										1	4037		
									11KV Intkhedi/Parkhedi feeder						26		30	13										4	3840		
									11KV Tamot feeder	481.364	482.626	1.262			8		18	15			1							2	3034		
									11KV Goharganj Town feeder	124.5675	126.276	1.7085			8		5	1			3							1	1215		
		Sub-Total -3		0	2	1	0	11.3				4.5725	0	0	63	0	77	49	0	0	4	0	0	0	0	0	0	8	12126		
		33/11KV Khashrod (PSS)	33/11 KV			1		5	11KV Khashrod DOM feeder	Meter not Installed yet/Meter defective					12														300		
									11KV Beelakhedi/Khashrod feeder						11		9	7												1	1542
									11KV Ashapuri feeder						4		17	12			1										2571
		Sub-Total -4		0	0	1	0	5				0	0	0	27	0	26	19	0	0	1	0	0	0	0	0	0	1	4413		
		33/11KV Simrai (PSS)	33/11 KV		1			3.15	11KV Simrai Pipliya feeder						1		12	10			4								2581		
									11KV Simrai Basti /Itaya feeder	5.5108	5.6167	0.1059			10		4	4			1							1	1102		
		Sub-Total -5		0	1	0	0	3.15				0.1059	0	0	11	0	16	14	0	0	5	0	0	0	0	0	0	1	3683		
		33/11KV Bineka (PSS)	33/11 KV		2			6.3	11KV Damdongari feeder	4.668	4.668	0			12		8	2										1	1004		
									11KV Agariya feeder	10.095	12.345	2.25			15		36	11			2							1	4143		
		Sub-Total -6		0	2	0	0	6.3				2.25	0	0	27	0	44	13	0	0	2	0	0	0	0	0	0	2	5147		
		33/11KV Polaha (PSS)	33/11 KV		1	1		8.15	11KV Polaha feeder	0.22	1.62	1.4			33		13	20			9								5444		
									11KV Dahod feeder	8.17062	8.17062	0			30		3	10			2								2339		
									11KV Padoniya/Dhankhedi feeder	1.676835	1.676835	0			17		6	13			1								2303		
		Sub-Total -7		0	1	1	0	8.15				1.4	0	0	80	0	22	43	0	0	12	0	0	0	0	0	0	0	10086		
		33/11KV Budni (Sehore DTT ME) (PSS)	33/11 KV		3			9.45	11KV Budni (T) feeder	630.47	637.05	6.58			8		6	18			4								3178		
									11KV Jamuniya feeder	234.092	237.164	3.072			4		10	10									2	1730			
									11KV Budni (TTC) feeder	45.718	46.684	0.966			1		2												151		
									11KV Banya -I feeder	270.518	283.068	12.55			8		21	21			1								3823		
		Sub-Total -8		0	3	0	0	9.45				23.168	0	0	21	0	39	49	0	0	5	0	0	0	0	0	0	2	8882		
		33/11KV Nandner (PSS)	33/11 KV			1		5	11KV Borna feeder	Meter not Installed yet/Meter defective					16		24	21			2								4412		
									11KV Sumalwada feeder						24		11	8			1										2293
		Sub-Total -9		0	0	1	0	5				0	0	0	40	0	35	29	0	0	3	0	0	0	0	0	0	0	6705		
		33/11KV Shahganj (PSS)	33/11 KV		1	1		8.15	11KV Sahaganj (T) feeder	51.781935	51.781935	0			2	2					4								950		
									11KV Kachhnariya/Shahganj Pump feeder	33.794	34.37	0.576			8		6	7										1	1278		
									11KV Banetha feeder	268.833	277.11972	8.28672			2		16	8			1								2058		
									11KV Jahanpur feeder	1390.5	1390.5	0			12		16	18											3108		
									11KV Jawaharkheda feeder	45.786	45.786	0			10		9	2			5								2017		
		Sub-Total -10		0	1	1	0	8.15				8.86272	0	0	34	2	47	35	0	0	10	0	0	0	0	0	0	1	9411		
		33/11KV Dobi (PSS)	33/11 KV		1	2		13.15	11KV Dobi feeder						10		8	4			2							2	1554		
									11KV Nandner /Hignasir feeder	180.49	180.49	0			22			1										4	650		
									11KV Amon feeder	38.12725	53.91265	15.7854			2		16	14			2								2858		
									11KV Gramin Sepe. feeder						10		5	11											1665		
									11KV Jait feeder						3		7	14			1						1		2116		
									11KV Sardarnagar feeder	59.277	80.442	21.165			2		5	10			4						1		2165		
		Sub-Total -11		0	1	2	0	13.15				36.9504	0	0	49	0	41	54	0	0	9	0	0	0	0	0	0	8	11008		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)						
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA								
6	Raisen Division	33/11KV Ramakhedi (PSS)	33/11 KV			3		15	11KV Umraoganj -I feeder						3		12	18			3							1	3231					
									11KV Ramakhedi feeder	210.06	211	1			7		8	12														1	1879	
									11KV Chiklod feeder						31		15	11			2												2	3220
									11KV Thana. feeder	616.674	617.648	0.974			34		21	15			1												1	3873
									11KV Karonda feeder	222.76	224.32	1.56			23		34	22			1												5	5117
		Sub-Total -12				0	0	3	0	15		3.894	0	0	98	0	90	78	0	0	7	0	0	0	0	0	0	10	17320					
		33/11KV Baktara (PSS)	33/11 KV		2		6.3	11KV Jontala feeder	97.08108	97.08108	0			7		7	4			1									1216					
								11KV Baktara feeder	115.3476	129.7175	14.3699			30		16	12			5											3958			
		Sub-Total -13				0	2	0	0	6.3		14.3699	0	0	37	0	23	16	0	0	6	0	0	0	0	0	0	0	5174					
		33/11KV Gadar (PSS)	33/11 KV		1		3.15	11KV Isharpur feeder	12.8949	12.8949	0			3		7													516					
								11KV Sagpur feeder	180.939	181.788	0.849			7		3	6			1									1	1164				
								11KV Khiriya/Gadar feeder						18																	450			
								11KV Gadar feeder	258.9	259.479	0.579			4		1															163			
		Sub-Total -14				0	1	0	0	3.15		1.428	0	0	32	0	11	6	0	0	1	0	0	0	0	0	0	1	2293					
		33/11KV Umraoganj (PSS)	33/11 KV		2		6.3	11KV Umraoganj-II feeder	Meter not Installed yet/Meter defective					24		5	6			1									1715					
								11KV Gudawal feeder						4		6	10			1								1678						
								11KV Bedunpura feeder						15		12	8											1931						
		Sub-Total -15				0	2	0	0	6.3		0	0	0	43	0	23	24	0	0	2	0	0	0	0	0	0	5324						
		Total Obedullaganj Division				0	17	13	0	118.55		111.07512	0	0	644	2	562	516	1	0	89	0	0	1	0	0	0	44	121471					
6	Raisen Division	33/11KV Raisen (T) (PSS)	33/11 KV			1	1	13	11KV Khargawali feeder	Meter not Installed yet/Meter defective					5		12	9									2	1781						
									11KV Maupathari feeder						18		26	20									2	4088						
									11KV Jail feeder	155.196	161.3012	6.1052			3		7			3												1375		
									11KV Gopalpur feeder	728.263	742.59003	14.32703			8		6	14			7			1								3693		
									11KV Dargaha feeder	604.468	618.284	13.816			12		5	1			10			1								3030		
		Sub-Total -1				0	0	1	1	13		34.24823	0	0	46	0	49	51	0	0	20	0	0	2	0	0	4	13967						
		33/11KV Naktara (PSS)	33/11 KV				10	11KV Sanchet/Bhardi DOM feeder	1.635	4.482	2.847			13		2	7												1151					
								11KV Baroda feeder	Meter not Installed yet/Meter defective					10		1	1													413				
								11KV Naktara DOM feeder						16												1	400							
								11KV Kanth feeder						4		5	3			1								915						
								11KV Bharda feeder	293.436	293.516	0.08			8		10	2														1030			
								11KV Narwar feeder	Meter not Installed yet/Meter defective					17		15	12														1	4570		
								11KV Naktara feeder				6.2629	6.9726	0.7097			26		17	8			2									2921		
		Sub-Total -2				0	0	2	0	10		3.6367	0	0	94	0	50	33	0	0	13	0	0	0	0	0	2	11400						
33/11KV Sirsoda (PSS)	33/11 KV			1		5	11KV Narwar feeder	Meter not Installed yet/Meter defective					18		33	28			3							5929								
							11KV Sirsoda feeder						7		15	4											1520							
Sub-Total -3				0	0	1	0	5		0	0	0	25	0	48	32	0	0	3	0	0	0	0	0	0	7449								

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA				
		33/11KV Neemkheda (PSS)	33/11 KV			2		10	11KV Mana DOM Sewasini/Nand feeder 11KV Kharwai (DOM) feeder 11KV Mana feeder 11KV Nand feeder 11KV Silpuri feeder 11KV Kharwai feeder	Meter not Installed yet/Meter defective					4		14	6											1582	
															7		10	11											1905	
															8		12	7											1656	
															20		8	16											2604	
															22		3	10											1739	
															1		9	7			1								1492	
		Sub-Total -4		0	0	2	0	10				0	0	62	0	56	57	0	0	1	0	0	0	0	0	0	0	0	0	10978
		33/11KV Sewasini (PSS)	33/11 KV		1			3.15	11KV Sewasini (Baroda) feeder 11KV Bagod feeder 11KV Sewasini (DOM) feeder	Meter not Installed yet/Meter defective					2		11			5									1743	
															26		5	9											1865	
															8		1	7			2								1363	
		Sub-Total -5		0	1	0	0	3.15				0	0	36	0	17	16	0	0	7	0	0	0	0	0	0	0	0	0	4971
		33/11KV Pemad (PSS)	33/11 KV					10	11KV Manpura feeder 11KV Pemad Pump feeder 11KV Manpura (DOM) feeder 11KV Dumawali feeder 11KV Biaora/Pemad (DOM)/Gondra feeder	206.784	206.791	0.007			10		8	8											1554	
															14		9	8			1					3			1917	
										383.9328	466.8768	82.944			15		21	24			1								4298	
															5		2	2											451	
															12		1	2			3								1163	
		Sub-Total -6		0	0	2	0	10				82.951	0	0	56	0	41	44	0	0	5	0	0	0	0	0	0	3	9383	
		33/11KV Barla (PSS)	33/11 KV			1		5	11KV Pagneswar feeder 11KV Makhani feeder 11KV Barla (DOM) feeder	124.44	124.682	0.242			22		16	16			2								3558	
										210.426	210.472	0.046					2	1			5								1226	
															10		1	7											1013	
		Sub-Total -7		0	0	1	0	5				0.288	0	0	32	0	19	24	0	0	7	0	0	0	0	0	0	0	5797	
		33/11KV Mehgaon (PSS)	33/11 KV		1			3.15	11KV Mehgaon feeder 11KV Dewolkheada feeder	Meter not Installed yet/Meter defective					12		8	6			1								1604	
															11		6	4											1053	
		Sub-Total -8		0	1	0	0	3.15				0	0	0	23	0	14	10	0	0	1	0	0	0	0	0	0	0	2657	
		33/11KV Murailkala	33/11 KV			1		5	11KV Muraikala feeder 11KV Pohora feeder	Meter not Installed yet/Meter defective					7		9	12											1942	
															7		9	5											1242	
		Sub-Total -9		0	0	1	0	5				0	0	0	14	0	18	17	0	0	0	0	0	0	0	0	0	0	3184	
		33/11KV Sultanpur (PSS)	33/11 KV		1	2		13.15	11KV Manjushkurd feeder 11KV Intkhedi feeder 11KV Gorakhpur feeder 11KV Bagaspur feeder 11KV Tadi feeder 11KV Sultanpur Town feeder	Meter not Installed yet/Meter defective					7		11	3									2	1642		
															17		4	8											1477	
															7		9	9											1816	
															15		7	10											1355	
															9		10	5											1893	
		Sub-Total -10		0	1	2	0	13.15				0	0	67	0	52	44	0	0	0	0	0	0	0	0	0	0	3	9351	
		33/11KV Sanchet (PSS)	33/11 KV		1			3.15	11KV Gambhiri feeder 11KV Gyarsabad feeder	Meter not Installed yet/Meter defective					6		29	5			2								2877	
															3		3	9											1164	
		Sub-Total -11		0	1	0	0	3.15				0	0	9	0	32	14	0	0	2	0	0	0	0	0	0	0	0	4041	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)	
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA					
		33/11KV Sanchi-I (PSS)	33/11 KV		1			3.15	11KV Town feeder	Meter not Installed yet/Meter defective					6		6	8			5									2328	
		Sub-Total -12		0	1	0	0	3.15				0	0	0	6	0	6	8	0	0	5	0	0	0	0	0	0	0	0	0	2328
		33/11KV Sanchi-II (PSS)	33/11 KV			1		5	11KV Salamatpur feeder						9		8	13			3									2629	
									11KV Nonakhedi feeder	290.052	290.865	0.813			5		13	11			1									2244	
									11KV Jamuniya DOM feeder						26		15	11												2695	
		Sub-Total -13		0	0	1	0	5				0.813	0	0	40	0	36	35	0	0	4	0	0	0	0	0	0	0	0	0	7568
		33/11 kv Mendki (PSS)	33/11 kv			1		5	11 kv Tijalpur feeder	296.262	296.477	0.215			15		10	5												1505	
									11 kv Suakhedi feeder	Meter not Installed yet/Meter defective					6		2	6												876	
									11 kv Salamatpur feeder								1	4												463	
									11 kv Mendki DOM feeder	49.726	50.248	0.522			6		8	9												1554	
		Sub-Total -14		0	0	1	0	5				0.737	0	0	27	0	21	24	0	0	0	0	0	0	0	0	0	0	0	0	4398
		33/11 kv Amadi (PSS)	33/11 kv		1	1		8.15	11 kv Semara feeder	383.094	384.842	1.748			10		13	11			1									2369	
									11 kv Halalidam feeder						4		11	16			2							1		2793	
									11 kv Jamuniya feeder	306.804	308.502	1.698			11		7	5			1									1416	
									11 kv Divanganj feeder						4		4	2												552	
									11 kv Barkhedi feeder	232.084	233.024	0.94			16		14	5			4									2582	
		Sub-Total -15		0	1	1	0	8.15				4.386	0	0	45	0	49	39	0	0	8	0	0	0	0	0	0	0	1	9712	
		33/11 kv Mudiyaekheda	33/11 kv		1			3.15	11 kv Bhartipur feeder	Meter not Installed yet/Meter defective					16		7	6												1441	
									11 kv Mudiyaekheda feeder						25		6	4												1403	
		Sub-Total -16		0	1	0	0	3.15				0	0	0	41	0	13	10	0	0	0	0	0	0	0	0	0	0	0	0	2844
		33/11 kv Airen (PSS)	33/11 kv		2			6.3	11 kv Banskheda feeder	10.8936	11.2803	0.3867			14		6	4												1128	
									11 kv Gulgaon feeder								1	8												863	
		Sub-Total -17		0	2	0	0	6.3				0.3867	0	0	14	0	7	12	0	0	0	0	0	0	0	0	0	0	0	1991	
		33/11 kv Chandpur (PSS)	33/11 kv		1			3.15	11 kv Sukarra feeder	Meter not Installed yet/Meter defective					9		12	7			1									1881	
									11 kv Gulabganj feeder						7		15	9												2020	
		Sub-Total -18		0	1	0	0	3.15				0	0	0	16	0	27	16	0	0	1	0	0	0	0	0	0	0	0	0	3901
		33/11 kv Gairatganj (PSS)	33/11 kv			1		5	11 kv Garhi feeder						7		18	8			2									2509	
									11 kv Agariya feeder	468.985	472.565	3.58			4		7	9												1441	
									11 kv Gairatganj (T) feeder						9		2	9			5					1				2566	
									11 kv Rampura feeder						11		21	6												2198	
		Sub-Total -19		0	0	1	0	5				3.58	0	0	31	0	48	32	0	0	7	0	0	1	0	0	0	0	0	8714	
		33/11 kv Samnapur (PSS)	33/11 kv		1			3.15	11 kv Samnapur feeder	Meter not Installed yet/Meter defective					14		18	7												2184	
									11 kv Alampur feeder						20		42	11												4246	
		Sub-Total -20		0	1	0	0	3.15				0	0	0	34	0	60	18	0	0	0	0	0	0	0	0	0	0	0	6430	
		33/11 kv Begumganj (PSS)	33/11 kv			2		10	11 kv Sumer feeder	73.05	73.792	0.742			11		9	8										1	1642		
									11 kv Dhawaj feeder						12		20	1												1660	
									11 kv Sunhera feeder	169.636	171.63	1.994			6		27	5										1	2351		
									11 kv Sagar Road feeder	483.607	489.34	5.733			8		7	9			2							1	1941		
									11 kv B'Ganj(T-II) Bhopla Road feeder	148.615	151.289	2.674			6		8	4			2									1554	
		Sub-Total -21		0	0	2	0	10				11.143	0	0	43	0	71	27	0	0	2	2	0	0	0	0	0	3	9148		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.				PTR Capacity in MVA	Name of Out going 11 KV feeder	A Initial meter reading at 11 KV side of PSS (LU)	B Final meter reading at 11 KV side of PSS (LU)	C=B-A Energy consumption in LU (June Month 2013)	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA						10 KVA	16 KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA				
		33/11 kV Dhandiya (PSS)	33/11 kV		2			6.3	11 kV Dhandiya feeder 11 kV Barri feeder	Meter not Installed yet/Meter defective					2		15	4			1									1595
		Sub-Total -22		0	2	0	0	6.3					0	0	11	0	43	9	0	0	1	0	0	0	0	0	0	0	0	0
		33/11 kV Tulsipar (PSS)	33/11 kV		1			3.15	11 kV Tulsipar (Samsagarh) feeder 11 kV Tinsuai feeder 11 kV Veerpur feeder	Meter not Installed yet/Meter defective					4		10													730
															2		2	1												276
		Sub-Total -23		0	1	0	0	3.15					0	0	11	0	24	7	0	0	0	0	0	0	0	0	0	0	0	0
		33/11 kV Sultanganj (PSS)	33/11 kV		2			6.3	11 kV Bamori (Titori) feeder 11 kV Searmou feeder 11 kV Sunwaha feeder	Meter not Installed yet/Meter defective					9		28	1												2089
															11		29	2			1								1	2502
		Sub-Total -24		0	2	0	0	6.3					0	0	0	35	0	68	9	0	0	3	0	0	0	0	0	0	0	1
		33/11 kV Silwani (PSS)	33/11 kV		3			9.45	11 kV Chunotiya feeder 11 kV Sainkheda feeder 11 kV Silwani (T) feeder	Meter not Installed yet/Meter defective					2		22	11											1	6659
															22		8	7			3									2536
		Sub-Total -25		0	3	0	0	9.45					0	0	0	34	0	52	27	0	0	13	0	0	0	0	0	0	0	1
		33/11 kV Muarpatha	33/11 kV		1			3.15	11 kV Muarpatha feeder 11 kV Hameerpur feeder	Meter not Installed yet/Meter defective					5		21	3			1									4536
		Sub-Total -26		0	1	0	0	3.15					0	0	0	13	0	26	5	0	0	1	0	0	0	0	0	0	0	0
		33/11 kV Beekalpur (PSS)	33/11 kV			1		8.15	11 kV Chhily feeder 11 kV Dhangavan feeder 11 kV Beekalpur (Berua) feeder	Meter not Installed yet/Meter defective					23		20	3											2	2135
															12		8	5												1304
		Sub-Total -27		0	1	1	0	8.15					0	0	0	41	0	38	11	0	0	0	0	0	0	0	0	0	0	2
		33/11 kV Jaithari (PSS)	33/11 kV		1			3.15	11 kV Band Deori feeder 11 kV Jaithari feeder 11 kV Beekalpur (Jaithari) feeder	Meter not Installed yet/Meter defective							3	1												289
															12		12	1												1156
		Sub-Total -28		0	1	0	0	3.15					0	0	0	12	0	19	2	0	0	1	0	0	0	0	0	0	0	0
		33/11 kV Pratapgarh (PSS)	33/11 kV		1			3.15	11 kV Marethi feeder 11 kV Pratapgarh feeder 11 kV Semra Khas feeder	Meter not Installed yet/Meter defective					5		3													1897
															12		9	8												314
		Sub-Total -29		0	1	0	0	3.15					0	0	0	19	0	15	8	0	0	0	0	0	0	0	0	0	0	0
		Total Raisen Division		0	23	19	1	175.45				142.16963	0	0	937	0	1019	641	0	0	105	2	0	3	0	0	0	20		2220
		TOTAL BHOPAL CIRCLE		1	81	102	4	800.15				531.55966	0	80	3449	2	3707	3148	1	1	825	2	0	14	0	0	190			806166

**11KV FEEDER DETAILS OF MORENA CIRCLE
OF MADHYA PRADESH**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

C) 11KV FEEDERS DETAIL OF MORENA CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA			
1	SABALGARH DIVISION	Sankra PSS	33/11KV		2		10	11KV JOUNARA B FDR.	24.832	26.4908	3.3176		1	49	36	6			1	4109	
								11KV BHAGORA A FDR.	765.703	767.4894	3.5728		3	3	2	1	3	1	1264		
								11KV SANKRA FDR.	5543.09	5545.961	5.742	4		108	114	16			11522		
		Sub-Total -1			0	2	0	10				12.6324	4	4	160	152	23	3	1	1	16895
		CHINNONI KARERA PSS	33/11KV		1			5	11KV Sankra	METER NOT INSTALLED			Secondary to Sankara and Bhagora in sankra PSS								
								11 KV Bhagora													
		Sub-Total -2			0	1	0	5				0	0	0	0	0	0	0	0	0	0
		JOURA PSS	33/11KV		3	1	23	11KV BILGAON A FDR.	674.295	676.134	1.839	2	2	78	25	8	1			4577	
								11KV DHAMKAN B FDR.	31.9518	34.82	2.8682	4		60	58	13			1	6494	
								11KV SUMAWALI A FDR.	127.957	128.646	0.689	1		11	7	2				926	
								11KV JOURA II FDR.	382.568	396.068	13.500			1		16	9	1	1	3740	
								11KV JOURA I FDR.	2212.944	2220.35	7.406			5		15	23	1		6540	
								11KV RUNIPUR A FDR.	33.2208	33.3534	0.1326			31	29	13				3902	
								11KV MAI B FDR.	410.642	411.886	1.244	11	1	79	65	17				7896	
		Sub-Total -3			0	3	1	23				27.6788	18	3	265	184	84	33	2	2	34075
		DEEPERA PSS	33/11KV		1		5	11KV Sankra				Secondary to Sankara and Bhagora in sankra PSS									
								11 KV Bhagora													
								11KV TORKA FDR.	776.09	777.12	1.03			25	11	5				1818	
		Sub-Total -4			0	1	0	5				3.161	0	0	25	11	5	0	0	0	1818
		KUMHERI PSS	33/11KV		1		5	11KV KUMHERI A FDR.	60.6519	64.74	4.0881	1	9	30	8	1				1508	
								11KV KATIBARI B FDR.	86.4708	90.9325	4.4617	1	2	48	24	5			2	3254	
								11KV UDHERI A FDR.	91.5762	96.459	4.8828	1	2	24	13	1				1561	
		Sub-Total -5			0	1	0	5				13.4326	3	13	102	45	7	0	0	2	6323
		SEMAI PSS	33/11KV		1		5	11KV JHUNDPURA A FDR.	M.E.failed			Secondary to Jhundpura and saipura in Semai PSS									
								11KV SAIPURA B FDR.													
		Sub-Total -6			0	1	0	5				3.59792	0	1	78	33	20	2	0	0	6445
		NEPRI PSS	33/11KV		1		5	jhundpura	METER BURNT												
								saipura													
		Sub-Total -7			0	1	0	5				3.383	0	0	0	0	0	0	0	0	0
		MAMCHONE PSS	33/11KV		1		5	11KV GOLARI FDR.	1187.09	1188.17	1.08		4	14	18	2				1748	
								11KV BARAULI FDR.	876.145	877.429	1.284			25	6				1003		
		Sub-Total -8			0	1	0	5				2.364	0	4	39	24	2	0	0	0	2751

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)		
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA					
		KAILARAS PSS	33/11KV		2	2	26	11KV HATIPURA A FDR.	581.314	583.564	2.25				35	44	6					4247	
								11KV ETORA B FDR.	8.7234	12.5215	3.7981				21	33	17				2	4304	
								11KV TOWN II FDR.	219.066	222.828	3.762				5	4	4	3				1377	
								11KV KAILARAS CITY 1	1975.826	1998.776	22.95				8	4	12	32	1			8367	
								11KV KAILARAS CITY 2	219.066	222.828	3.762				49	43	7					4634	
								11KV BHAGROLI B FDR.	710.796	715.996	5.2				25	40	13					4445	
		Sub-Total -9		0	2	2	26				41.7221	0	0	143	168	59	35	1	2	27374			
		PAHARGARH PSS	33/11KV		1	1		8.15	11KV PAHARGARH FDR.	356.22	358.86306	2.64306				11	39	12	1				4132
									11KV MAMCHON FDR.	215.148	216.147	0.999				17	38	6				2	3419
		Sub-Total -10		1	1	0	8.15				3.64206	0	0	28	77	18	1	0	2	7551			
		RAMPUR PSS	33/11KV			2		10	11KV RAMPUR HAR A FDR.	1041.384	1042.1576	0.773595				3	32	11					3191
									11KV KHANPURA B FDR.	280.641	281.634	0.993				31	33	17				1	4554
									11KV BATED A FDR.	35.1267	35.2041	0.0774				15	21	7					2398
									11KV RAMPUR VILL B FDR.	77.0802	78.4542	1.374				9	12	14	2				2781
		Sub-Total -11		0	2	0	10				3.217995	0	0	58	98	49	2	0	1	12924			
		SABALGARH PSS	33/11KV		2	1	18	11KV BERA A FDR.	283.069	287.369	4.3				28	15	7					2345	
								11KV PASSON B FDR.	373.592	374.091	0.499				15	10	9					1905	
								11KV GULALAI B FDR.	287.109	288.975	1.866				15	10	11				2	2105	
								11KV TONGA FDR.	1023.27	1032.717	9.447				10	2	29	10			2	5276	
								11KV SABALGARH TOWN	1852.838	1869.084	16.246				1		8	23	1			5740	
		Sub-Total -12		0	2	1	18				32.358	0	0	69	37	64	33	1	4	17371			
		TENTRA PSS	33/11KV		2		10	11KV GARHI A FDR.	367.668	370.018	2.35				2	18	20	1				3384	
								11KV TENTRA B FDR.	255.84	260.54	4.7				29	39	13	1			1	4682	
								11KV GANGARAM PURA A	M.E.failed						8	1	5					763	
		Sub-Total -13		0	2	0	10				7.05	0	0	39	58	38	2	0	1	8829			
		SABALGARH DIVISION -Total				1	20	4	135.15				154.240157	25	25	1006	887	369	111	5	15	142356	
2	AMBAH DIVISION	DIMNI PSS	33/11KV		2		10	11KV KHANDKA PURA	110.34	111.26	0.92			2	113	29					4684		
								11KV JAKHONA B FDR.	M.E.failed						77	29	8				4552		
								11KV KARAI BHATARI A FDR.	165.231	165.851	0.62				29	24	40	22			3	10637	
								11KV DIMNI B FDR.	84.12	86.04	1.92				47	7	5				2116		
		Sub-Total -1		0	2	0	10				3.46	0	2	266	89	53	22	0	3	21989			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.							NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA		
		AMBAH PSS	33/11KV		3		15	11KV MAFALKAPURA B FDR.	60.537	63.437	2.9			38	23	2				2599
								11KV RADHAWALI A FDR.	1002.22	1003.684	1.464			61	15				4	2470
								11KV CITY-II FDR.	526.242	540.184	13.942			5	3	14	15	2		5344
								11KV CITY-I FDR.	2064.46	2086.012	21.552			128	25	16	10	1		8690
		Sub-Total -2		0	3	0	15				39.858	0	0	232	66	32	25	3	4	19103
		GOTH PSS	33/11KV	1	1		8.15	11KV SHYAMPUR LIGHT FDR	776.04	776.714	0.674			12						300
								11 KV SHYAMPURA FDR	21.5412	22.8384	1.2972			8	2					326
		Sub-Total -3		1	1	0	8.15				1.9712	0	0	20	2	0	0	0	0	626
		KAMATARI PSS	33/11KV		1		5	11KV BITT KA PURA FDR.	METER BURNT		0.96			1						25
		Sub-Total -4		0	1	0	5				0.96	0	0	1	0	0	0	0	0	25
		KHADIYAHAR PSS	33/11KV	1	2		13.15	11KV MIRGHAN A FDR.	52.0848	53.8002	1.7154			47	16	5				2683
								11KV GOPI B FDR.	535.82	537.862	2.042			44	63	5			1	5569
								11KV GHURGHAN FDR.	0.53724	0.56332	0.02608			6	8	2				854
								11KV SIHONIYA FDR.	0.98226	1.05794	0.07568			150	17	5			1	5321
		Sub-Total -5		1	2	0	13.15				3.85916	0	0	247	104	17	0	0	2	14427
		EISAH PSS	33/11KV		1		5	11KV EISAH FDR.	55439.005	55440.965	1.9602			2						50
		Sub-Total -6		0	1	0	5				1.9602	0	0	2	0	0	0	0	0	50
		RACHHED PSS	33/11KV		2		10	11KV MAHUA A FDR.	5799.3	5800.3575	1.0574655			110	37	2				5281
								11KV RUDHAWALI B FDR.			1.005459			101	17	1			1	3696
								11KV BARBAI FDR.		M.E.failed	1.38684		3	101	35	2				4978
		Sub-Total -7		0	2	0	10				3.4497645	0	3	312	89	5	0	0	1	13955
		PARIXATPURA	33/11KV		1		5	11KV PARIXATPURA FDR.		M.E.failed	0.396			41	20	2				2485
		Sub-Total -8		0	1	0	5				0.396	0	0	41	20	2	0	0	0	2485
		SINGHPURA PSS	33/11KV		1		5	11KV SINGHPURA FDR.	0.075	1.233	1.158					1				100
		Sub-Total -9		0	1	0	5				1.158	0	0	0	0	1	0	0	0	100
		THARA PSS	33/11KV		2		10	11KV THARA A FDR.	124.75005	125.8476	1.09755		1	76	28	6				4280
								11KV NAWLI B FDR.	130.16235	130.88595	0.7236		1	59	32	2			1	3707
								11KV JALKA NAGARA FDR.	282.85065	285.5871	2.73645			80	22	5				3886
		Sub-Total -10		0	2	0	10				4.5576	0	2	215	82	13	0	0	1	11873
		AT EHV AMBAH PSS	33/11KV		1		5	11KV THARA FDR.	337.59996	339.54327	1.9433139			73	14					2707
								11KV MORENA FDR.	368.90298	369.51298	0.6099999			131	38	2				5869
		Sub-Total -11		0	1	0	5				2.5533138	0	0	204	52	2	0	0	0	8576

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA			
3	MOREN A-II DIVISION	DONDARI PSS	33/11KV		2		10	11KV KURETHA A FDR.	M.E.failed		0.474176			13	8			1	829		
								11KV LALPURA B FDR.			0.488994			39	36	2		5	3443		
								11KV SILAWALI B FDR.			0.4978848			15	7	1		4	916		
		Sub-Total -12			0	2	0	10			1.4610548	0	0	67	51	3	0	0	10	5188	
		KHERLI PSS	33/11KV		1		5	11KV KHERLI FDR.	11.33835	12.118446	0.780096			40	18	1		5	2234		
								11KV KARSARI FDR.	66.0987	66.927552	0.828852			2				1	50		
		Sub-Total -13			0	1	0	5			1.608948	0	0	42	18	1	0	0	6	2284	
		MANPUR PSS	33/11KV		1		5	11KV MANPUR FDR.	76.8876	78.0816	1.194			9	12		1		1181		
		Sub-Total -14			0	1	0	5			1.194	0	0	9	12	0	1	0	0	1181	
		AMBAH (PORA PSS) PSS	33/11KV		4		20	11KV BUDHARA FDR.	133.896	137.496	3.6			117	43	6				6234	
								11KV KONTAR FDR.	280.848	282.081	1.233			42	18	7				2884	
								11KV DHARAMGARH FDR.	21.3936	28.7936	7.4			73	51	4			2	5438	
								11KV RAJODHA FDR.	38.526	44.226	5.7			71	34	11	2		2	5417	
								11KV CITY FDR.	1118.88	1131.38	12.5			36	8	38	16			8404	
		Sub-Total -15			0	4	0	20			30.433	0	0	339	154	66	18	0	4	28377	
		AMBAH DIVISION-Total				2	25	0	131.3			98.88	0	7	1997	739	195	66	3	31	130239
	MOREN A-II DIVISION	JADERUA PSS	33/11KV	1	1		8.15	11KV DHANELA FDR.	57.8547	59.5521	1.6974			58	23	9	1		3999		
		Sub-Total -1			1	1	0	8.15			1.6974	0	0	58	23	9	1	0	0	3999	
		NOORABAD PSS	33/11KV	1	1		8.15	11KV BHENSORA FDR.	104.722	104.848	0.126		6	36	24	11			3608		
								11KV BICHOLA FDR.	113.216	114.112	0.896	2	22	93	55	4			6562		
		Sub-Total -2			1	1	0	8.15			1.022	2	28	129	79	15	0	0	0	10170	
		AT EHV BANMORE PSS	33/11KV		2		10	11KV BANMORE TOWN-I FDR.	543.8709	551.3709	7.5			8	3	16	13		1	4589	
								11KV BANMORE TOWN-II FDR.	191.7	200.208	8.508		2	15	14	9	2		2	2589	
								11KV BANMORE RURAL A FDR.	160.0716	163.2716	3.2		1	32	37	14				4547	
								11KV INDUSTRIAL FDR.	481.04186	485.44186	4.4			5	25	28	13		7	7100	
								11KV KAREH DHAM B FDR.	1.2587946	8.7587946	7.5			3	5	3				690	
		Sub-Total -3			0	2	0	10		1377.9432	1409.0512	31.108	0	3	63	84	70	28	0	10	19515
		MIRAGPURA PSS	33/11KV	1			3.15	11KV MIRAGPURA FDR.	870.09626	870.10616	0.0099		9	19	1					682	
		Sub-Total -4			1	0	0	3.15			0.0099	0	9	19	1	0	0	0	0	682	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA			
		JIGNI PSS	33/11KV		2		10	11KV JIGNI A FDR.	104.79	105.99	1.2		2	73	41	3					4740
								11KV KAZI BASAI B FDR.	102.246	104.346	2.1			3							75
								11KV KHERA PUMP FDR.	31.47	33.62	2.15		8	52	29	9	1				4355
								11KV KAZI BASAI ABADI FDR	1.52	1.81	0.29			3							75
								11KV KHERA ABADI FDR.	1264.7	1265.8	1.1			12							300
		Sub-Total -5		0	2	0	10				6.84	0	10	143	70	12	1	0	0		9545
		DEORI PSS	33/11KV		1		5	11KV HINGONA FDR.	METER NOT INSTALLED				4	21	21	2					2112
								11KV SIKORDHA B FDR.	64.52145	64.8486	0.32715		2	41	31	1					3110
								11 KV DEORI RURAL	METER NOT INSTALLED				12	36	4						1344
								11KV SIHORI ABADI FDR.						4							100
		Sub-Total -6		0	1	0	5				0.32715	0	14	81	35	1	0	0	0		4554
		HEETAMPUR PSS	33/11KV		1		5	11KV HEETAMPUR A FDR.	0.098145	1.598145	1.5						1				200
								11KV BHANPUR A FDR.	0.1257	2.5257	2.4		16	35	2	2					1457
								11KV GADORA B FDR.	40.6881	42.9981	2.31		2	62	44	1					4454
		Sub-Total -7		0	1	0	5				6.21	0	18	97	46	3	1	0	0		6111
		BEERAMPURAA PSS	33/11KV	2			6.3	11KV BANSI FDR.	34.5864	35.2482	0.6618			45	25						2700
								11KV BEERAMPURA FDR.	133.922	135.616	1.694			43	13		1				2094
		Sub-Total -8		2	0	0	6.3				2.3558	0	0	88	38	0	1	0	0		4794
		BAAGCHINI PSS	33/11KV		2		10	11KV GALETHA A FDR.	36.108	37.308	1.2		1	34	20	3					2426
								11KV HADBANSI B FDR.	41.494	43.246	1.752		1	34	20	3					2426
								11KV CHACHIHA A FDR.	68.6748	69.927	1.2522			70	80	3	1				7290
								11KV BAGCHINI B FDR.	18.48	19.08	0.6			12	7	1					841
		Sub-Total -9		0	2	0	10				4.8042	0	2	150	127	10	1	0	0		12983
		DEVGARH PSS	33/11KV		1		5	11KV DEVGARH A FDR.	9.78195	10.70195	0.92			6	5						465
								11KV DEVGARH R.G. FDR.	5.38455	5.58455	0.2			8	9						767
								11KV NANDPURA B FDR.	19.47405	19.79405	0.32			5	2						251
		Sub-Total -10		0	1	0	5				1.44	0	0	19	16	0	0	0	0		1483
		AJNODHA PSS	33/11KV	1			3.15	11KV PARICHHA FDR.	7.3254	8.1603	0.8349				9						567
								11KV AJNODHA ABADI FDR.	876.8592	877.6067	0.7475		2	42	37	7	1				4313
		Sub-Total -11		1	0	0	3.15				1.5824	0	2	42	46	7	1	0	0		4880
		AHRELA PSS	33/11KV	1			3.15	11KV AHRELA FDR.	METER NOT INSTALLED			Secondary to Beerampura and Bansi									
								11KV HAR GANGULI FDR.													
		Sub-Total -12		1	0	0	3.15				0	0	0	0	0	0	0	0	0	0	0

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA			
		BADAGAON PSS	33/11KV	1			3.15	11KV BADAGAON B FDR.	654.568	655.218	0.65		3	59	14	4					2805
								11KV NAWLI LIGHT FDR.	65.7654	66.1694	0.404			12	1	1					463
								11KV BARETHA A FDR.	77.4329	77.7829	0.35			8	3	3					689
								11KV NAWLI PUMP FDR.	13.8792	14.1692	0.29		1	25	3	2					1030
		Sub-Total -13			1	0	0	3.15				1.694	0	4	104	21	10	0	0	0	4987
		SUMAWALIA-2 PSS	33/11KV	1	2		13.15	11KV SUMAWALI FDR.	87.5667	88.638984	1.072284		2	6	6	4					960
								11KV MEENA BASTI FDR.	603.844	605.7205	1.876497		22	57	48	6					5401
								11 KV NITHERA FDR.	405.904	408.26302	2.3590248		17	31	45	15					5382
								11KV TIKTOLI FDR	METER NOT INSTALLED					14	22	15	1				1819
		Sub-Total -14			1	2	0	13.15				5.3078	0	55	116	114	26	0	0	0	13562
		RITHORAKALA-2 PSS	33/11KV	1			3.15	11KV RITHORA A FDR.	3.785	5.591	1.806				10	1	1				413
								11KV PADAWALI B FDR.	779.26	779.89	0.63		2	6	3	8	2				1571
		Sub-Total -15			1	0	0	3.15				2.436	0	2	16	4	9	2	0	0	1984
		MORENA-II DIVISION-Total				10	13	0	96.5				66.835	2	147	1125	704	172	36	0	10
4	MOREN A-I DIVISIO N	MORENA PH PSS	33/11KV		4	1	28	11KV AMBAH FDR.	11.008	14.966	3.958		1	7		2	10	4		3651	
								11KV KOTWALI FDR.	1823.78	1841.78	18			1		12	25	3		7170	
								11KV M.S.FDR.	2381.732	2409.532	27.8			2	3	4	23	5		6814	
								11KV COURT FDR.	423.087	424.364	1.277					2				200	
								11KV CITY FDR.	1974.844	1987.381	12.537					13	22	5		7275	
								11KV NAINAGARH FDR.	2491.888	2497.258	5.37			3	2	11	18	3		5846	
		Sub-Total -1			0	4	1	28				68.942	0	1	13	5	44	98	20	0	30956
		SHIKARPUR PSS	33/11KV		2		10	SHIKARPUR 11 KV FDR	58.084	59.24	1.156				3			1			275
		Sub-Total -2			0	2	0	10				1.156	0	0	3	0	0	1	0	0	275
		MANDI PSS	33/11KV		1		5	11KV MANDI FDR.	METER NOT INSTALLED			Secondary to Nainagarh Morena PSS									
								11KV NAINAGARH II FDR.								5	3	1			1415
		Sub-Total -3			0	1	0	5				0	0	0	0	0	5	3	1	0	1415
		MAHARAJPUR PSS	33/11KV	1	3	16.6	11KV MORENA GAON FDR.	409.251	411.252	2.001			98	43	10						6159
							11KV T.R. PURAM FDR.	77.131	98.491	21.36			6	10	17	17	2				6510
11KV INDUSTRIAL FDR.	1328.014						1331.81	3.796			29	29	11	11	1				6167		
11KV JOURA ROAD FDR.	223.54						231.196	7.656	This feeder feed to other circle												
11KV DHOLPUR ROAD FDR.	2844.261						2868.861	24.6	This feeder feed to other circle												
11KV NOORABAD FDR.	911.418						913.888	2.47			44	18	11						3334		
Sub-Total -4			1	3	0	16.6				61.883	0	0	177	100	49	28	3	0	22170		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.			PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.								NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	5.0 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month 2013)	10 KVA	16 KVA	25 KVA	63 KVA	100 KVA	200 KVA	315 KVA			
		BADOKHAR PSS	33/11KV		2		10	11KV MATA MANDER FDR.	61.746	65.023	3.277				1	3	5			1363	
								11KV KASHIPURA FDR.	576.896	590.666	13.77		3	3	2	1	3	1	1	1264	
								11KV LALOR FDR.	28.908	30.008	1.1		3	3	2	1	3	1	1	1264	
								11KV FATHAK I FDR.	949.546	966.122	16.576			10	13	6	13	3		5214	
		Sub-Total -5		0	2	0	10				34.723	0	6	16	18	11	24	5	2	9105	
		MAYURVAN PSS	33/11KV		2		10	11KV MAYURVAN FDR	13.0181	23.0181	10.0	This feeder feed to other circle									
								11KV RAVI DAS FDR.	88.546	95.646	7.1	This feeder feed to other circle									
								11KV COMMISSIONARY FDR.	435.09	441.052	6.0			17	6	11	6			3103	
								11KV REST HOUSE FDR.	315.88	321.283	5.4		1	2	2	5	5			1692	
		Sub-Total -6		0	2	0	10				28.465	0	1	19	8	16	11	0	0	4795	
		East Division-Total		1	14	1	79.6				195.169	0	8	228	131	125	165	29	2	68716	
		MORENA CIRCLE -TOTAL		14	72	5	442.55				515.12405	27	187	4356	2461	861	378	37	58	440560	

**11KV FEEDER DETAILS OF BURHANPUR
CIRCLE OF MADHYA PRADESH**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

C) 11KV FEEDERS DETAIL OF BHURHAN CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA		
1	CITY DIVISION	SHANWARA PSS	33/11KV			2			10	11KV HARIR PURA	394.5708	416.6348	22.064						3		1	10			7				4665
										11KV MANDI FDR.	579.156	583.9188	4.7628						2			6	1	12					5430
										11KV REST HOUSE FDR.	10.781136	11.3847	0.603564						2			11		2					3030
										11KV MOTOR STAND FDR.	592.4268	600.4644	0.603564						10		1	16		13	1		1		8955
				0	0	2	0	0		SUBSTATION SUBTOTAL			28.033928	0	0	0	0	0	17	0	2	43	1	0	34	1	0	1	22080
2	CITY DIVISION	SHIKARPURA PSS	33/11KV			2			10	11KV SHIKARPURA FDR.	N/A	N/A	0.225						8			10			9				5635
										11KV MAHAJNAPETH FDR	380.431	384.862	4.431						7			14		6			1		5390
										11KV SINDHI BASTI FDR.	531.642	540.738	9.096						7		1	7		3					3205
										11KV GADBAD MAHAJAN FDR.	14.79	15.215	0.425									6						2	2800
				0	0	2	0	0		SUBSTATION SUBTOTAL			14.177	0	0	0	0	0	38	0	1	37	0	0	18	0	0	3	17030
3	CITY DIVISION	UDYOG NAGAR PSS	33/11KV						15	11KV KALABAG FDR.	1074.6	1092.876	18.276						5		1	22			2				5690
										11KV U.N EXPRESS	84.428	101.302	16.874						10			11			3				4145
						3				11KV UDYOG NAGAR GRAMEEN	96.998	105.59	8.592			12		4	5		1			6					3102
										11KV MOMINPURA FDR.	53.216	55.992	2.776						2			3		7			1		3005
										11KV HAMIDPURA FDR	0	0	0.098									11		7					5705
4	CITY DIVISION	OLD POWER HOUSE PSS	33/11KV			1			5	11KV INDIRA COLONY FDR.	12.354	13.08	0.726						15			21					1		5700
										11KV HAMIDPURA II FDR	1069.402	1090.74	21.338						5			3							1100
				0	0	1	0	0		SUBSTATION SUBTOTAL			22.064	0	0	0	0	0	20	0	0	24	0	0	0	0	0	1	6800
	CITY DIVISION	LALBAG PSS	33/11KV			2			10	11KV TOWN 1 FDR	758.1024	758.484	0.3816					9	18			2							2767
										11KV TOWN 2 FDR	572.916	595.0332	22.1172					1	10			17							4463
				0	0	2	0	0		SUBSTATION SUBTOTAL			22.4988	0	0	0	0	10	28	0	0	19	0	0	0	0	0	0	7230
6	CITY DIVISION	AZAD NAGAR PSS	33/11KV						10	11KV NAGZHIRI FDR	63.3072	65.2092	1.902						3			14			5				4675
						2				11KV GUJRATI SCHOOL FDR	610.1904	614.4456	4.2552							1		18			8				6270
										11KV AZAD NAGAR RURAL FDR	16.2252	16.2972	0.072		1			1	13			6					1		2579
				0	2	0	0	0		SUBSTATION SUBTOTAL			6.2292	0	1	0	0	1	16	1	0	38	0	0	13	0	0	1	13524
				0	0	12	0	0		CITY DIVISION -Total			139.618928	0	1	12	0	15	154	1	5	208	1	0	90	1	0	7	88311
1	BURHANPUR	NEPANAGAR IST PSS	33/11KV		1				3.15	11KV MATAPUR FDR.	224.913	228.518	3.605				3		22	6			9						3861
										11KV LABOUR CAMP FDR	192.433	194.987	2.554				16		4	7		6							2552
				1	0	0	0	0		SUBSTATION SUBTOTAL			6.159	0	1	31	0	41	167	1	5	223	1	0	90	1	0	7	94724

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)	
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA			
2	BURHANPUR O&M DIVISION	NEPANAGAR II ND PSS	33/11KV						13.15	11KV RATAGARH FDR. (TEMP.)	1.278	1.6437	0.3657	10															100	
					1	2				11KV RURAL DLF FDR.	710.151	711.295	1.144			18			2											650
										11KV NASIRABAD FDR.	0.26048	0.26194	0.00146			9		8	14			3								2729
										11KV BASAD FDR	0.15883	0.15964	0.00081			6		6	9			1								1628
										11KV NIMBOLA FDR.	2.397	2.8814	0.4844			10		13	7			1								1969
										11KV NIMBOLA FDR.	0	0	0.0786			18		13	7			1							1	2169
										11KV UTAWALI FDR	0.08577	0.08807	0.0023			6		9	5									3	1217	
										11KV RAIPURA VILLAGE FDR	0.5384	0.7022	0.1638			1	3		7	28			6							4532
SUBSTATION SUBTOTAL					1	2	0	0	13.15			2.24107	10	1	70	0	56	72	0	0	12	0	0	0	0	0	4	14994		
3	BURHANPUR O&M DIVISION	DABIYAKHEDA PSS	33/11KV						13.15	11KV SIWAL I FDR. (TEMP)	418.456	418.524	0.068	118	21	20		2	2			3							2942	
										11KV SIWAL I I FDR. (TEMP)	13.4102	13.4948	0.0846	74	10	7		7	6			2							2516	
										11KV HAIDERPUR FDR.	230.81	231.002	0.192	109	25	11		3	4								1	2354		
					1	2				11KV NAWARA 1 FDR.(TEMP)	0.9966	1.3511	0.3545	156	23	9													2153	
										11KV NAWARA 2 FDR.(TEMP)	20.521	20.5321	0.0111	166	19	26		1	2								4	2877		
										11KV HEDARPUR DALMAUVILLAGE FDR.	6.0178	7.3101	1.2923	275	45	37		4	6									1	5247	
				SUBSTATION SUBTOTAL						1	2	0	0	13.15			2.0025	898	143	110	0	17	20	0	0	5	0	0	0	0
4	BURHANPUR O&M DIVISION	GORADIYA PSS	33/11KV						5	11KV KERANI FDR.	21.1464	21.2768	0.1304	122	10	27		2	2			1						2581		
										11KV NAYAKHEDA FDR	45.32	46.65	1.33	35	5													430		
										11KV NAWRA FDR.	22.9088	22.988	0.0792			15			1		2						1	875		
										11KV GORADIYA FDR	4.2788	4.89	0.6112			6			5		1						1	850		
				SUBSTATION SUBTOTAL						0	1	0	0	5			2.1508	157	15	48	0	2	8	0	0	4	0	0	0	0
5	BURHANPUR O&M DIVISION	SHEKHPURA PSS	33/11KV						5	11KV DEDTALAI FDR.(TEMP)	0	0	0	31		2		12	9								2016			
										SHEKHPURA DLF FDR	0	0	0			34		22	14									3636		
SUBSTATION SUBTOTAL					0	1	0	0	5				0	31	0	36	0	34	23	0	0	0	0	0	0	0	0	5652		
6	BURHANPUR O&M DIVISION	GONDRI PSS	33/11KV						3.15	11KV PARETHA FDR(TEMP)	N/A	N/A	0			1											25			
					1					11KV DHAWATI FDR(TEMP)	N/A	N/A	0			7		21	4								1898			
										11KV PIPLANI+PARETHA DLF FDR.	713.612	718.178	4.566	31	2	28		18	20							1	4176			
				SUBSTATION SUBTOTAL						1	0	0	0	3.15			4.566	31	2	36	0	39	24	0	0	0	0	0	0	1
7	BURHANPUR O&M DIVISION	JAINABAD PSS	33/11KV						10	11KV JAINABAD FDR.(TEMP)	225.08	228.14	3.06			2		4									302			
										11KV JAINABAD FDR	63.937	64.115	0.178	125	41	34		6	9			1				1	4234			
										11KV GUPTESHWAR FDR(TEMP)	8.6905	8.7488	0.0583	6	1	2												126		
						2				11KV SUKHPURI DOMESTIC FDR.	2.4648	2.5925	0.1277			15		18	8							1	2309			
										11KV RTO BERIAR FDR.	19.588	19.8991	0.3111			6	0	15	9									1995		
										11KV SUKHPURI FDR(TEMP)	495.95	498.84	2.89	42	5	12		16				4						2608		
				SUBSTATION SUBTOTAL						0	2	0	0	10			6.6251	173	47	71	0	59	26	0	0	5	0	0	0	0

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)					
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA							
8	BURHANPUR O&M DIVISION	ICCHAPUR PSS	33/11KV	3	1	0	0	14.45	11KV ICCHAPUR DOMESTIC FDR.	1106.34	1117	10.66					24	14			8			2						5142				
									11KV ICCHAPUR IRRIGATION FDR(TEMP)	N/A	N/A	0	122	10	27		2	2		1														2581
									11KV BHOTA IRRIGATION FDR(TEMP)	N/A	N/A	0	34	6	9		15	1		2													1	2106
									11KV CHAPORA FDR.	23.163	31.305	8.142			15			1		2														875
									11KV BORSAR FDR	N/A	N/A	0			6			5		1														850
									11KV DAPORA FDR	5.7801	5.849	0.0689	21	20			12	2																1486
									11KV ADGAON FDR	5.21748	5.63364	0.41616	10	7			16	7														2	1920	
									11KV DHAMANGAO	4.5571	4.678	0.1209	25	11			14	3															1608	
									11KV MORZIRA DLF FDR.	10.1436	11.4	1.2564	19	26			12	8																2162
									11KV CHAPORA DAPORA DOMESTIC FDR	15.67044	15.7632	0.09276	45	37			16	4																2450
									SUBSTATION SUBTOTAL				3	1	0	0	14.45			20.75712	276	117	57	0	111	47	0	0	14	0	0	2	0	0
9	BURHANPUR O&M DIVISION	SIRSODA PSS	33/11KV		1	0	0	5	11KV SIRSODA IRRIGATION FDR	746.12	749.87	3.75			11		14	35											4657					
									11KV MANASGAON IRRIGATION FDR.	505.9972	506.124	0.1268	7	4	2		12	18													2740			
									11KV SIRSODA NACHANKHEDA DOMESTIC FDR	589.2	596.9	7.7			2		6	3		1											3	928		
									SUBSTATION SUBTOTAL				0	1	0	0	5			11.5768	7	4	15	0	32	56	0	0	1	0	0	0	0	0
10	BURHANPUR O&M DIVISION	SHAHAPUR PSS	33/11KV	1	2	0	0	13.15	11KV BAKKHARI IRRIGATION FDR.	129.284	129.712	0.428	1	2	11		5	14			3								2632					
									11KV RAIGAON IRRIGATION FDR	331.99	336.15	4.16		1	3		7	28		6												4532		
									11KV SHAHPUR TOWN FDR.	1163.312	1171.98	8.668			3			12		6				1								2790		
									11KV KALJI NALA IRRIGATION FDR.	439.38	443.16	3.78	90	48	12		2														1	2094		
									11KV MARUTI IRRIGATION FDR.	450.64	455.81	5.17	85	51	16		2																2192	
									11KV KOITHAD IRRIGATION FDR.	414.82	416.15	1.33		1	2		3	9		5													2155	
									11KV BAMBHADA IRRIGATION FDR.	740.77	744.92	4.15					1																63	
									11KV BAKHARI+BAMBHADA+MOHA D VILAGE FDR.	726.44	731.2	4.76			23		22	21		2												1	4461	
									SUBSTATION SUBTOTAL				1	2	0	0	13.15			32.446	175	101	59	0	37	70	0	0	19	0	0	1	0	0

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.														NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)						
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA								
11	BURHANPUR O&M DIVISION	KHAMNI PSS	33/11KV	1	1	1	0	0	8.15	11KV BHAWSA FDR.(TEMP)	223.368	223.908	0.54																0						
										11KV MOHAD IRRIGATION FDR.(TEMP)	902.864	903.6	0.736	64	18	21		11	12																3346
										11KV KHAMNI BHAWSA DOMESTIC FDR.	6.8446	7.8959	1.0513			22		32	12																3766
										11KV KHAMNI IRRIGATION FDR.(TEMP)	527.09	529.06	1.97	42		21		11	10																2638
										SUBSTATION SUBTOTAL					1	1	0	0	8.15			4.2973	106	18	64	0	54	34	0	0	0	0	0	0	0
12	BURHANPUR O&M DIVISION	PHOPNAR PSS	33/11KV	2	2	2	0	0	16.3	11KV PHOPANAR IRRIGATION FDR.	24.2202	24.33012	0.10992	31	2	28		18	20										4176						
										11KV DAHIHANDI IRRIGATION FDR.(TEMP)	16.4936	16.6196	0.126			15																		375	
										11KV RAIGAON DOMESTIC FDR.	11.9728	14.4272	2.4544	85	51	16		2														1	2192		
										11KV TURAKGURADA IRRIGATION FDR.	489.22	489.92	0.7		1	3		7	28			6												4532	
										11KV BODERLI IRRIGATION FDR.	219.555	220.38	0.825	21	20			12	2															1486	
										11KV BHAVSA IRRIGATION FDR.	33.0936	33.9704	0.8768	10	7			16	7															1920	
										11KV METHA IRRIGATION FDR.	14.1136	15.3908	1.2772	25	11			14	3												3		1608		
										11KV SUKHPURI IRRIGATION FDR.	10.0488	11.8784	1.8296	22	18	24		11	8															2601	
										11KV CHIDIYAPANI DOMESTIC FDR.	2.6756	4.1738	1.4982	42	5	24		15																2045	
										SUBSTATION SUBTOTAL					2	2	0	0	16.3			9.69712	205	113	67	0	77	48	0	0	6	0	0	0	0
13	BURHANPUR O&M DIVISION	BAHADARPUR PSS	33/11KV	0	2	2	0	0	10	11KV LONI DLF FDR.(TEMP)	N/A	N/A	0			28		16	4										2108						
										11KV LONI IRRIGATION FDR.	905.1015	906.431	1.3295	26	2	6		15	12			2										2987			
										11KV BAHADARPUR FDR.	2.70012	2.725341	0.025221		1	2		7	3			2											1207		
										11KV PATONDA DOMESTIC FDR.			0			16		4	14			8											3652		
SUBSTATION SUBTOTAL					0	2	0	0	10			1.354721	26	3	52	0	42	33	0	0	12	0	0	0	0	0	0	9954							

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)				
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA								
14	BURHANPUR O&M DIVISION	BADGAON PSS	33/11KV	0	2			10	11KV SAROLA IRR FDR.(TEMP)	N/A	N/A		0				15														375				
									11KV SIRPUR IRR FDR.	60.694	60.858	0.164			1			3																325	
									11KV MAHAL GURADIYA FDR.	662.8036	663.0822	0.2786				6			15			1													1850
									11KV BADGAON DOMESTIC FDR.	N/A	N/A	0	90	48	12		2	2															4	2294	
									11KV DARIYAPUR IRRIGATION FDR.	136.756	136.756	0	21	20			12	2																1486	
									11KV BODERLY FDR.	N/A	N/A	0	10	7			16	7																	1920
									11KV DONGARGAON IRRIGATION FDR.	N/A	N/A	0	28		21		16	5																	2313
									11KV GULAI DOMESTIC FDR.	7.9988	8.9988	1			12		4	5		1								6							3102
									SUBSTATION SUBTOTAL				0	2	0	0	10				1.4426	149	75	67	0	50	39	0	1	1	0	0	6	0	0
15	BURHANPUR O&M DIVISION	SAROLA PSS	33/11KV	0	1			5	11KV UMARDA IRRIGATION FDR.	222.53	224.87	2.34	28			2														330					
									11KV AMBADA FDR.	392.47	395.525	3.055	32		5		11	7																1838	
									11KV DEORI FDR.	101.9	103.56	1.66	26	2	6		15	7			2							3					2487		
									11KV AMBADA DLF FDR.	883.56	888.75	5.19	28		2		14	10			1												2412		
									11KV SAROLA DLF FDR.	818.13	823.12	4.99	51	24	15		6	12			1												3047		
									SUBSTATION SUBTOTAL				0	1	0	0	5				17.235	165	26	30	0	46	36	0	0	4	0	0	0	0	0
16	BURHANPUR O&M DIVISION	KHAKNAR PSS	33/11KV	1	1			8.15	11KV DHABA FDR.	727.938	731.906	3.968	90	48	12		2	12												3294					
									11KV NIMANDAD FDR.(TEMP)	713.612	716.178	2.566			28																1	700			
									11KV TOWN FDR.	188.836	192.834	3.998			7		15	14															2520		
									11KV PANGRI FDR.	126.26	128.33	2.07		1	3		7	28			6												4532		
SUBSTATION SUBTOTAL				1	1	0	0	8.15				12.602	90	49	50	0	24	54	0	0	6	0	0	0	0	0	0	1	11046						
17	BURHANPUR O&M DIVISION	MANJROD PSS	33/11KV		2			10	11KV SHEKHAPUR FDR.	2.7377	2.7698	0.0321	32		2		22	2										1	1956						
									11KV BHORAGHAT FDR.	3.8331	3.8903	0.0572	11		31			1															985		
									11KV TUKAITHAD FDR.(temp)	N/A	N/A	0			28		12	8																2256	
									11KV ZIRMITI FDR.(TEMP)	N/A	N/A	0	34	2	14		10	5														1	1852		
									11KV TUKAITHAD DLF FDR.	N/A	N/A	0	14	2	22		12	1															1578		
									11KV MANJROD FDR.	505.2	511.5	6.3	28		14		16	12																2838	
SUBSTATION SUBTOTAL				0	2	0	0	10				6.3893	119	4	111	0	72	29	0	0	0	0	0	0	0	0	2	11465							

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Power Transformer in nos.					PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	DISTRIBUTION TRANSFORMER DETAIL IN NOS.																NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)					
				1.6 MVA	3.15 MVA	5.0 MVA	6.3 MVA	8.0 MVA			Initial meter reading at 11 KV side of PSS	Final meter reading at 11 KV side of PSS (LU)	Energy consumption in LU (June Month)	10 KVA	16KV A	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA	500 KVA	1250 KVA									
18	BURHANPUR O&M DIVISION	DOIFODIYA PSS	33/11KV			2		10	11KV DOIFODIYA FDR.(TEMP)	164.306	164.348	0.042				1			1					1								288				
									11KV HASINABAD FDR.(TEMP)	10.461	10.5049	0.0439	64	18	21		11	12																	2	3346
									11KV KARKDEDA FDR.(TEMP)	2.2563	2.2923	0.036			6		15	7			2															2195
									11KV NAYER FDR. IRR(TEMP)	84.821	84.883	0.062	1	2	28		5	14			3													2	3057	
									11KV KARKDEDA DLF FDR.	3.0388	3.656	0.6172	42	11	24		11	7	1																2739	
									11KV DOIFODIYA DLF FDR.	4.706	5.697	0.991	51	24	15		6	12			1															3047
SUBSTATION SUBTOTAL					0	2	0	0	10			1.7921	158	55	95	0	49	52	1	0	7	0	0	0	0	0	0	4	14672							
19	BURHANPUR O&M	SHIKARPURA PSS	33/11KV		1			3.15	11KV SIRPUR FDR.(TEMP)	67.204	67.714	0.51				1			2												225					
									11KV TALWADI FDR.(TEMP)	25.147	25.294	0.147	12			1		16	2													2	1353			
									11KV SHIKARPURA DLF FDR.	289.35	294.89	5.54	64	18	21		11	12																	3346	
SUBSTATION SUBTOTAL					1	0	0	0	3.15			6.197	76	18	23	0	27	16	0	0	0	0	0	0	0	0	0	2	4924							
20	BURHANPUR O&M	DHULKOT PSS	33/11KV		1			3.15	11KV KHATLA FDR.	191.788	191.788	0				2		14	10			1									2132					
									11KV SUKTA FDR	71.512	71.562	0.05				5		11	7													2	1518			
									11KV BORI FDR.	155.418	155.733	0.315				6		15	7			2												2195		
SUBSTATION SUBTOTAL					1	0	0	0	3.15			0.365	0	0	13	0	40	24	0	0	3	0	0	0	0	0	0	2	5845							
21	BURHANPUR O&M DIVISION	BODERLI PSS	33/11KV			1		5	11KV MOHANA IRRIGATION FDR.	310.5	313.19	2.69	5	2	12		18														1516					
									11KV SITAPUR1 IRRIGATION FDR.	411.2	412.63	1.43	14	6	26		8	6													1	1990				
									11KV JASONDI FDR.(TEMP)	N/A	N/A	0																						0		
									11KV BODERLY DOMESTIC FDR.	5.858	5.997	0.139	32	11	15		18	9															1	2905		
SUBSTATION SUBTOTAL					0	1	0	0	5			4.259	51	19	53	0	44	15	0	0	0	0	0	0	0	0	0	2	6411							
BURHANPUR O&M DIVISION TOTAL					14	26	0	0	174.1			154.155531	2903	811	1158	0	953	893	2	6	322	1	0	99	1	0	54	317890								
BURHANPUR CIRCLE -TOTAL				0	14	38	0	0	234.1			293.774459	2903	812	1170	0	968	1047	3	11	530	2	0	189	2	0	61	406201								

**SUMMARY OF 11KV FEEDER DETAILS OF
FOUR SELECTED CIRCLES OF MADHYA
PRADESH STATE**

C) SUMMARY OF PTR & DTR OF FOUR CIRCLE OF MADHYA PRADESH STATE

Sl.no	Name of the Circle	No of 33/11 KV Power Transformer					PTR Capacity in MVA	11 KV side Input Energy in LU (for a Month)	DISTRIBUTION TRANSFORMER DETAIL IN NOS.												NO OF HT BULK	TOTAL DTR CAPACITY IN KVA Excluding Bulk)		
		1.6 MVA	3.0 MVA	3.15 MVA	5.0 MVA	8.0 MVA			10 KVA	16 KVA	25 KVA	50 KVA	63 KVA	100 KVA	150 KVA	160 KVA	200 KVA	250 KVA	300 KVA	315 KVA			500 KVA	1250 KVA
1	Jabalpur city Circle	1			41	12	302.6	886.871			31	2	39	488	15	1	1046	8	5	350	22	4	121	393492
2	Bhopal O&M Circle		1	81	102	4	800.15	768.093		80	3449	2	3707	3148	1	1	825	2	0	14	0	0	190	806166
3	Morena Circle	14			72	5	442.55	534.747	27	187	4356		2461	861			378			37			58	440560
4	Burhanpur Circle			14	38	0	234.1	315.194	2903	812	1170	0	968	1047	3	11	530	2	0	189	2	0	61	406201
Total		15	1	95	253	21	1779.4	2504.905	2930	1079	9006	4	7175	5544	19	13	2779	12	5	590	24	4	430	2046419

**11KV LINE LOSS ASSESSMENT OF JABALPUR
CITY CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

D) 11 KV LINE LOSS ASSESSMENT DETAIL OF JABALPUR CITY CIRCLE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
1	Vijay Nagar	Rameshwaram PSS	33/11KV	1x8	11 KV SBI Feeder	730.61	748.198	17.588	100	KUM SS-2	0.2196	0.489	0.2689		
									315	RT -28	32.5620	33.606	1.0436		
									200	KUM SS-1	8.0365	8.395	0.3585		
									200	RT -21	5.3456	5.756	0.4102		
									200	RT -17	7.2355	7.591	0.3552		
									315	RT -6	38.4565	39.100	0.6432		
									315	DS - 10 (Durgamandir)	31.4566	32.109	0.6526		
									200	DS - 10 Krishiupaj 2	4.3833	4.776	0.3922		
									100	RT -25	27.8510	28.097	0.2460		
									315	MB -27	59.9352	60.519	0.5842		
									200	SS-30	48.6294	49.653	1.0239		
									200	SC -1	7.4050	7.785	0.3801		
									200	AC-17	8.8080	9.187	0.3793		
									200	SS-37	9.2455	9.714	0.4681		
									100	K-3-5	22.2154	22.468	0.2530		
									100	KUM SS-4	7.9616	8.302	0.3401		
									200	P -10	25.2123	25.724	0.5121		
									315	DS - 10 Krishiupaj 2	5.2734	5.895	0.6213		
									200	DS-1	35.5100	35.878	0.3683		
									200	SS-40	30.9032	31.342	0.4391		
									200	Ac -23	24.5463	24.930	0.3834		
									200	SS-29	28.3255	28.729	0.4034		
									200	DS-13	32.2154	32.577	0.3615		
									200	MB -26-2	35.2124	35.837	0.6244		
									200	RT -20	37.1246	37.749	0.6242		
									200	M-4	26.3214	26.716	0.3942		
									200	M-5	28.2145	28.816	0.6010		
									200	K-3 Vikash Nagar	32.2220	32.759	0.5370		
									200	HAT BZR-1	29.2146	29.575	0.3607		
									200	HAT BZR-2	1.8152	2.255	0.4398		
									200	Ravikiran Society	19.1764	19.545	0.3681		
									100	RT 17 New jagadamba	28.7075	29.094	0.3862		
									100	MB-3/D	6.2145	6.426	0.2115		
									100	DS-13/2/1/2	9.1245	9.327	0.2020		
									100	MB -3/A	4.2143	4.567	0.3527		
									BULK	Principal M ITI(N-456)	N/A	N/A	0.2318		
									BULK	Zoological Survey of India (N225)	N/A	N/A	0.0552		
Sub-Total -1						730.61	748.198	17.588					16.277	1.311	7.454

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
		Lamti PSS	33/11KV	1x5	11 KV Ekta Nagar Feeder	246.908	258.4238	11.5158	200	K-28	33.5114	33.9183	0.4069		
									100	R-1	17.7400	18.0772	0.3371		
									200	RPFC-2	4.0639	4.4889	0.4251		
									200	R-14	19.2454	19.6778	0.4324		
									315	JN-1	31.9424	32.6615	0.7191		
									200	AN-1	23.8933	24.3574	0.4641		
									200	BR-1	18.3144	18.6929	0.3785		
									200	K-25	18.8683	19.2337	0.3654		
									100	JANKIPALACE	19.2315	19.6042	0.3727		
									200	K-30-2	6.4470	6.7966	0.3496		
									200	JN-5	2.3212	2.7282	0.4069		
									200	K-10 Satae Bank ATM	33.9794	34.5325	0.5531		
									200	KC/6/15/1	26.3125	27.0769	0.7644		
									200	SN60	25.4318	25.8797	0.4479		
									200	SSG-1	11.0067	11.5072	0.5006		
									100	Shatabdipuram-I	0.0001	0.3080	0.3079		
									200	AN/31	17.4542	17.9396	0.4854		
									200	ZSI-1	21.3646	21.8294	0.4648		
									200	E-31	19.4546	19.9197	0.4651		
									100	L-1	13.2145	13.5908	0.3763		
									200	GD-5	28.1246	28.6468	0.5222		
									100	K-25-1	14.1245	14.6242	0.4997		
									100	AN/1	16.2450	16.4642	0.2192		
									BULK	TATA TELI SERVICE -504031	N/A	N/A	0.4953		
									BULK	N M PUBLICATION (N287)	N/A	N/A	0.1626		
					Sub-Total -2	246.908	258.4238	11.5158					10.922	0.594	5.154
					11 KV Vijay Nagar Feeder	301.84	309.5885	7.7485	200	K-21G	5.0979	5.502	0.4041		
									200	DT/X-MER K-21	38.4541	38.867	0.4129		
									200	RPFC-2	28.4542	28.803	0.3488		
									200	SBIR-2	5.1719	5.534	0.3621		
									200	SBIR-1	2.1797	2.540	0.3603		
									200	SBIR-3	65.1242	65.494	0.3698		
									200	SBIR-4	35.3154	35.813	0.4976		
									100	VJ-2 90 QRTR	132.1240	132.448	0.3240		
									200	K-15-B	35.2142	35.655	0.4408		
									200	K-10	27.2140	27.715	0.5010		
									200	K-15-C-5-A Ghadi Chowk	150.9200	151.473	0.5530		
									200	SHAHI PALACE	5.1719	5.623	0.4511		
									200	K-15-B-5	53.2155	53.688	0.4725		
									100	K-15/C/5/A	91.2456	91.600	0.3544		
									100	MINES & SEFTY	63.2140	63.481	0.2670		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy								
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU									
									BULK	THE REGPF COMM.(N-561)	33.1943	34.0490	0.8551										
									BULK	RAJESH KUMBHARE (N389)	N/A	N/A	0.2860										
					Sub-Total - 3	301.84	309.5885	7.7485					7.260	0.488	6.298								
					TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3)			36.8523						2.393	6.492								
Vijay Nagar Division 11KV side Input Energy																							
47.541																							
Vijay Nagar Division 11 KV line loss wrt total input energy (11KV side)																							
3.087																							
6.492																							
2	South Division	Bheem Nagar PSS	33/11KV	2x5	11 KV Awadhpuri Feeder	124.704	135.395	10.691	100	GW-2/207 BHEEM NAGAR S/S	0.5013	0.8820	0.3807										
									100	GW-2/223/JILAHARI GAON S/S	9.7418	9.9864	0.2446										
									200	GW2/228/SAGONA S/S	10.7695	11.5820	0.8125										
									200	GW-2/231 AWADH PURI -1 S/S	21.8989	22.2877	0.3888										
									315	GW-2/231 AWADH PURI -2 S/S	31.1383	31.7841	0.6458										
									200	NARMADA HILLS -1 S/S	1.2031	1.7136	0.5105										
									200	NARMADA HILLS -2 S/S	45.2147	45.7234	0.5087										
									200	NARMADA HILLS -4 S/S	63.3144	63.7132	0.3988										
									100	RAIT NAKA DUBE COMPOUND	18.2140	18.6143	0.4003										
									200	SIBSAGAR VALLY 1 S/S	0.0009	0.5019	0.5010										
									200	SIBSAGAR VALLY 2 S/S	0.0014	0.4016	0.4002										
									200	SIBSAGAR 63 NALA	12.5593	12.9492	0.3899										
									200	SIBSAGAR 65 GARDEN	5.3140	5.7251	0.4111										
									200	SIBSAGAR 67 GARDEN	65.1440	65.6631	0.5191										
									200	SIBSAGAR 68 S/S	75.2140	75.6199	0.4059										
									200	SIBSAGAR 69 S/S	42.3245	42.7327	0.4082										
									200	SIBSAGAR 64 NALA	11.3140	11.7309	0.4169										
									200	NAHAR FORMS	63.2140	63.6389	0.4249										
									200	SUKSAGAR	1.2140	1.7194	0.5054										
									200	NARMADA HILLS-3	72.3110	72.7192	0.4082										
									200	SATYA PRAKASH SCHOLL	69.3240	69.7336	0.4096										
									200	NURSURY WALA	23.2145	23.6241	0.4096										
									BULK	M/S RELIABLE DAIRY (N354)	n/a	n/a	0.1770										
					Sub-Total -1									124.704	135.395			10.689			10.0775836	0.61124	5.718
					11 KV Bajriya Feeder									545.75	566.3918			20.6418	315	GW-1/155 POLIPATHAR P-12 S/S	55.7257	56.5098	0.7841
														100	SUB. BHEEM NAGAR	0.0013	0.3014	0.3001					
														315	25/3 ADARSH NAGAR	10.5492	11.1922	0.6430					
														200	A NAGAR LAKBIR SINGH S/S-77	1.0212	1.5557	0.5345					
														200	A NAGAR BAGICHA-200 S/S-106	31.6605	32.0870	0.4265					
														200	A NAGAR BANTUWALA S/S-106	27.3364	27.9493	0.6129					
														200	ADARSH NAGAR GARDEN WALA S/S	6.3140	6.7265	0.4125					
														315	ATTUWAL S/S-180	45.2145	45.9504	0.7359					
														100	BANK OF BARODA X-MER	6.3140	6.6146	0.3006					
														100	BHIM NAGAR S/S	0.2670	0.5700	0.3031					
														200	FOREST OFFICE	5.3124	5.8964	0.5840					
														100	GEET BIHAR S/S	42.3210	42.6212	0.3002					

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	GYAN BIHAR S/S-125	65.3155	65.7500	0.4345		
									200	IDEAL BHEEM NAGAR-1 S/S	0.2100	0.6253	0.4153		
									200	IDEAL BHEEM NAGAR-2 S/S	18.2120	18.5968	0.3848		
									100	IDEAL STATE	45.2154	45.6156	0.4002		
									200	IDEAL STATE V (IS6/3)	35.2115	35.6460	0.4345		
									200	IDEAL -1	0.0002	0.6202	0.6200		
									200	IDEAL STATE-II S/S	1.6457	2.0174	0.3717		
									200	IDEAL STATE-III S/S	5.3140	5.7967	0.4827		
									100	IDEAL STATE-IV S/S	6.8246	7.1258	0.3012		
									200	IDEAL STATE-V S/S	0.0001	0.5719	0.5718		
									100	IDRAPURI-100 S/S-126	4.4483	4.8513	0.4030		
									200	IDRAPURI-200 S/S-128	31.9942	32.8310	0.8368		
									100	KATARIYA HOME	16.3145	16.7150	0.4005		
									200	MSHSVIR NAGAR S/S	8.3140	8.7919	0.4779		
									200	METROPOLES NO-1	15.6423	16.1180	0.4757		
									315	METROPOLES NO-2	75.3250	75.9665	0.6415		
									200	METROPOLES NO-3	54.2136	54.7377	0.5242		
									200	PANCHSHEEL NAGAR KOLUDRIVER	8.6111	9.0353	0.4242		
									250	PANCHSHEEL NAGAR BHALLA WALA	71.3220	71.8462	0.5242		
									200	PANCHSHEEL NAGAR S/S	63.1440	63.6082	0.4642		
									200	PANCHSHEEL NAGAR NEEM WALA S/S	1.2140	1.6082	0.3942		
									200	PERFACT FACTORY GATE	87.3152	87.8139	0.4987		
									200	POLYPATHIR KTG S/S-162	46.1140	46.6382	0.5242		
									200	RAJUL NO-1	9.3140	9.7382	0.4242		
									200	RAJUL NO-2	14.9631	15.4873	0.5242		
									200	S.F.R.I S/S-149	65.1040	65.4928	0.3888		
									200	SAFED KUWA	4.5430	5.0067	0.4637		
									100	SHAH NALA-P/3 S/S-119	96.3124	96.6366	0.3242		
									200	TAGORE NAGAR S/S-121	21.4200	21.8447	0.4247		
									BULK	PERFACT FACTORY (N-49)	n/a	n/a	0.0440		
					Sub-Total -2	545.75	566.3918	20.6418					19.5367	1.1051	5.354
					11 KV Bhitoli Feeder	411.704	427.459	15.755	100	BHIMNAGAR S/S	74.2146	74.4041	0.1895		
									200	BRAMHARSHI COLONY-1	69.3211	69.8106	0.4895		
									200	DAROGA GHAT	53.3146	53.7641	0.4495		
									200	DURGA NAGAR S/S	42.2143	42.6740	0.4597		
									200	GREEN TRAVANI no-4	2.9558	3.3121	0.3562		
									200	GREEN TRAVERI NO-5	3.2437	3.7256	0.4818		
									100	GW-2/106 CHWLA FARM S/S	96.1443	96.4688	0.3245		
									200	GW-2/110 PURANI GWARI S/S	45.1450	45.6598	0.5148		
									100	GW-2/30 PHE LALPUR S/S	78.3125	78.5579	0.2455		
									200	GW-2/40 LALPUR GAON S/S	142.2140	142.6385	0.4245		

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									100	GW-2/144 JAGGU KAKKA S/S	7.2125	7.4579	0.2454		
									100	GW-2/147 KANCHANPUR S/S	64.3150	64.6405	0.3255		
									200	GW-2/154 RAM LALA S/S	23.4273	23.8111	0.3838		
									200	GW-2/163 JHANDA CHOWK-1 S/S	78.3140	78.8452	0.5312		
									500	GW-2/163 JHANDA CHOWK-2 S/S	25.0714	26.1180	1.0466		
									100	GW-2/169 JHILARI GHAT S/S	19.5424	19.8422	0.2998		
									100	GW-2/178 GEETA DHAM S/S	3.4445	3.6821	0.2376		
									100	GW-2/194 BHITOLL GOAN S/S	398.7950	399.0690	0.2740		
									200	GW-2/197 POLI PATHER KALARI S/S	53.3110	53.7325	0.4215		
									100	GW-2/93 NARMADA NAGAR S/S	23.4494	23.8123	0.3629		
									200	GW-2/98 LINE PAR S/S	24.1400	24.5579	0.4179		
									25	LALPUR VILLAGE ROAD SIDE	65.3140	65.4060	0.0920		
									100	NEW PP COLONY S/S-190	45.3111	45.6310	0.3199		
									200	PP COLONY S/S-189	38.2803	38.9662	0.6859		
									100	SAINT ALLOYSSUS SCHOOL	4.2150	4.5575	0.3425		
									25	SHMKUMAR FIELD	63.2140	63.3312	0.1172		
									200	TRIVENI GREEN-1 S/S	35.1140	35.5610	0.4470		
									200	TRIVENI GREEN-II S/S	18.2140	18.6609	0.4469		
									200	TRIVENI GREEN-III S/S	27.3124	27.8266	0.5142		
									200	TRIVENI RESIDENT-I	35.3140	35.8284	0.5144		
									200	TRIVENI RESIDENT-II	63.3141	64.0890	0.7749		
									200	SAHAB TOWN-1	14.2148	14.6295	0.4147		
									100	SAHAB TOWN-II	96.4570	96.8212	0.3642		
									BULK	GWARIGHAT RLY PUMP(N37)	4.1400	4.4547	0.3147		
									BULK	KHANNA PROPERTIES(N347)	78.5441	79.2633	0.7192		
									BULK	THE PRINCIPAL9 N463)	4.2140	4.5565	0.3425		
					Sub-Total -3	411.704	427.459	15.755					14.8921	0.8629	5.477
		Dhanwantri Nagar PSS	33/11KV	1x5	11 KV Dhanwantri Nagar Feeder -1	350.34	364.898	14.558	100	AMOG HOSPITAL XMER	16.5989	16.7884	0.1895		
									200	BEHIND ROYAL SCHOOL XMER	5.2101	5.6431	0.4330		
									100	BHATELA FLORE MILL XMER	54.2110	54.5446	0.3336		
									200	C-TYPE XMER	10.6107	11.0258	0.4151		
									200	D-TYPE XMER	11.5081	11.9095	0.4014		
									100	DHANWANTRI NAGAR CHOURAHA XMER	45.1222	45.5429	0.4206		
									200	EWS XMER	17.1383	17.6068	0.4685		
									200	GAS godown XMER	22.7330	23.1115	0.3785		
									200	GRH2-19/10/3 MIG-D TYPE S/S	78.2145	78.6276	0.4131		
									200	GRH2-19/12 COMMUNITY HALL S/S	21.0677	21.5057	0.4380		
									200	GRH2-19/16/1 C-TYPE S/S	41.0142	41.5273	0.5131		
									200	GRH2-19/17 OLD AE S/S	65.3144	65.8350	0.5206		
									100	GRH2-19/22 SHUBHASH S/S	14.2150	14.6360	0.4210		
									200	GRH2-19/3 SP6 DR CHOUBEY S/S	5.2146	5.7872	0.5727		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	GRH2-19/3 SP9 LIG D TYPE	64.2140	64.7008	0.4868	0.9003	
									200	GRH2-19/7 SP7 DR LALIT S/S	85.2427	85.7611	0.5185		
									200	GUPTA FRUITS S/S	45.2143	45.7405	0.5262		
									200	JASUJA CITY-1 XMER	16.0570	16.6174	0.5604		
									200	LIG 120 SECTOR S/S	65.2146	65.5717	0.3571		
									200	OLD AE (MAGISTRATE) X-MER	4.2150	4.7529	0.5379		
									200	P&T COLONY-1 X-MER	2.2334	2.6106	0.3772		
									100	P&T COLONY-II X-MER	71.2152	71.5780	0.3628		
									100	SAI COLONY S/S	4.2150	4.4803	0.2653		
									63	AIRTEL TOWER	18.2316	18.4474	0.2159		
									200	SAIL COLONY GATE	23.3155	23.7888	0.4733		
									200	JASUJA CITY -II X-MER	34.3124	34.7779	0.4656		
									200	JASUJA CITY -III X-MER	4.2153	4.6558	0.4405		
									200	JASUJA CITY -IV X-MER	96.3154	96.7604	0.4450		
									200	JASUJA CITY -V X-MER	75.2153	75.6873	0.4720		
									200	JASUJA CITY -VI X-MER	14.2100	14.6301	0.4201		
									200	NEAR WOOD WORK BHEDA GHAT	13.7976	14.2915	0.4939		
									150	JASUJA ENTERPRISES N 302	65.2140	65.5347	0.3207		
					Sub-Total -4	350.34	364.898	14.558					13.6577	0.9003	6.184
		Sanjivini Nagar PSS	33/11KV	2x5	11 KV Sanjivini Nagar Feeder	1190.094	1203.082	12.988	100	BHOOLAN GAON S/S	45.3112	45.6596	0.3484		
									100	BT 13, XMER KUMHAR MOHALLA-2	17.2893	17.6879	0.3986		
									100	BT-20,XMER KUMHER MOHALLA-1	63.1211	63.5559	0.4348		
									100	GS/13,XMER TANDEN COMP	14.4220	14.6770	0.2550		
									200	JAUMANA PRASAD KHANNA VILL	86.3115	86.7961	0.4846		
									200	PERFECT TOWN S/S	74.1145	74.5490	0.4345		
									63	RAILWAT S/S	15.2140	15.4386	0.2246		
									200	SN/57, GULMOHAR PARK S/S	35.2115	35.6603	0.4488		
									315	XMER BT-1 BT TIRAHA	63.2819	64.0607	0.7788		
									200	X-MER BT-29/7 NARAYAN NAGAR	54.8422	55.4291	0.5869		
									315	X-MER BT-7, CHOTI BAZARIA	41.8298	42.3995	0.5697		
									315	X-MER GL-1 DURGA SWEET	63.3210	63.9422	0.6212		
									315	X-MER GL -18 LAL HAVELI	62.5819	63.4517	0.8698		
									315	X-MER GL-6 GULOUA	40.1005	40.7432	0.6427		
									200	X-MER GS-10 JANKI VIHAR	26.3261	26.7908	0.4646		
									315	X-MER SN-1 SANJIVANI NAGR	11.2140	11.8621	0.6481		
									200	X-MER SN-39 INCOME TAX	5.2144	5.6921	0.4777		
									200	X-MER SN-39/10 INCOME TAX	65.3211	65.7521	0.4310		
									200	X-MER SN-46 SURVEY OF INDIA	124.3155	124.7541	0.4386		
									200	X-MER SN-70	9.6411	10.0927	0.4515		
									200	X-MER SN-81/5 90 QTRS	87.2145	87.6321	0.4176		
									200	X-MER SN-85 90 QTR SAJNGR	60.3155	60.7866	0.4710		

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	XMER KHINNA GAON	9.6214	10.0398	0.4184		
									100	BT-23/2 MARWHA TIMBER	54.2122	54.4632	0.2510		
									200	DR ASHA NAMDEV SN-46	87.2144	87.6397	0.4253		
					Sub-Total -5	1190.094	1203.082	12.988					11.9931	0.9949	7.660
					11 KV Panda ki Maria Feeder	440.124	450.181	10.057	200	SAI SUBHA XMER	12.3211	12.7625	0.4414		
									200	G/95 EMARTI TALAB XMER	63.1120	63.5214	0.4094		
									315	G-117A KHUDA BAKSHA S/S	48.4889	49.2644	0.7755		
									315	G-130 PANDA MADIYA S/S	5.4541	6.2258	0.7717		
									315	G-50A SHAHI NAKA S/S	41.1019	41.6834	0.5815		
									315	G-74 PANDEY ADVOCATE S/S	46.0943	46.8634	0.7691		
									315	G-71 SHANTI MASALA XMER	37.6156	38.2891	0.6735		
									315	SN-16 DURGA NAGAR S/S	38.2790	39.1127	0.8337		
									200	SN-27A SHREE PARISAR S/S	17.2881	17.8281	0.5400		
									200	SN-28A CHOUKSE HOTEL S/S	32.1557	32.6855	0.5298		
									315	SN-50A G.S.I S/S	14.3175	14.9726	0.6551		
									200	SN/22/B SAI SUBAH-2 XMER	18.2141	18.7422	0.5281		
									100	SN/25/3 SAI COLONY XMER	24.2140	24.5655	0.3515		
									200	SN/25/3 SAI SUBHA-1 XMER	36.2311	36.5965	0.3654		
									200	SN/6 MUKHARJI HOSPITAL SN-25/9 P.H.E	39.7380	40.4558	0.7178		
									200	SN-25/9 P.H.E COLONY	14.2142	14.6246	0.4103		
					Sub-Total -6	440.124	450.181	10.057					9.3538	0.7032	6.992
					11 KV Kalimatha Feeder	472.288	482.765	10.477	200	SHUKLA NAGAR S/S	71.7152	72.2409	0.5257		
									200	SR/18/1 BISCUIT COMP S/S	16.2143	16.8962	0.6819		
									200	X-MER GS-1 EKTA CHOWK	25.3144	25.8541	0.5397		
									315	X-MER GS-19 AKHADA	1.2012	1.9624	0.7612		
									315	X-MER GS-20 BAB HOTEL	46.2111	46.7942	0.5831		
									200	X-MER GS-21 COLD STORAGE	8.6211	9.2954	0.6743		
									200	X-MER GS-24 AMANPUR S/S	21.3429	21.8358	0.4929		
									200	X-MER GS-30 KALIMATH	64.3144	64.9965	0.6821		
									200	X-MER GS-37 KAILASH F.M	34.5729	34.9315	0.3586		
									315	X-MER GS-41 SUDAMA NAGAR	48.1704	49.0372	0.8668		
									200	X-MER GS-6 OLD OFFICE	48.4568	49.0337	0.5769		
									100	X-MER KALIMATH MANDIR	24.2145	24.5632	0.3487		
									315	X-MER SR-26 SHUKLA SAGAR	22.4563	23.2280	0.7717		
									100	XMER AGRAWAL SAWMILL	78.3144	78.6324	0.3180		
									100	XMER AMBAR VIHAR	36.3144	36.6546	0.3402		
									200	XMER NEAR MPSEB GARHA OFFICE	30.1187	30.6387	0.5201		
									200	XMER SHIV NAGAR	65.7845	66.2932	0.5087		
									200	XMER SN 81/12 90QTER71	48.3512	48.7632	0.4120		
					Sub-Total -7	472.288	482.765	10.477					9.9627	0.5143	4.908

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		Supatal PSS	33/11KV	1x5	11 KV Mujawar Feeder	637.318	655.025	17.707	200	R-1 RATAN NAGAR GATE XMER	12.8772	13.2910	0.4138		
									200	MR-21 MUJAWAR-III X-MER	23.3471	23.7790	0.4319		
									200	MR-39 ANAND KUNJ X-MER	33.7868	34.1640	0.3772		
									100	N-76 BANK OF INDIA XMER	11.9630	12.2040	0.2410		
									100	N-77/2 LIC COLONY	96.3490	96.6580	0.3090		
									100	N-78/3 AGARWAL MARBEL XMER	61.3690	61.7200	0.3510		
									200	N-80 GULATI P/P	14.0885	14.5200	0.4316		
									200	N-83PRAM NAGAR PO	34.8019	35.2150	0.4131		
									100	N-83/3 COMM AUTO	15.9260	16.2770	0.3510		
									200	N-86 DR LOADH	18.4259	18.9610	0.5351		
									200	N-89A/2 ASAWA F.M	24.6300	25.1125	0.4825		
									200	P-156 DR SRIVASTVA	71.9630	72.5550	0.5920		
									200	R C ARCED	9.6370	10.1026	0.4656		
									200	SM-2 SHARDA MAI ROAD S/S	25.6390	26.1279	0.4889		
									100	ANKIT CLASSES COMPLEX	14.3690	14.7200	0.3510		
									200	MR-1 MUZAWAR S/S	57.6980	58.2500	0.5520		
									200	MR-41 MUZARAR S/S	61.4890	61.8910	0.4020		
									200	MR-46/3 SUPATAI S/S	35.2352	35.7700	0.5348		
									315	N-62 BEDI NAGAR S/S	20.1489	20.8450	0.6961		
									200	N-69 TRIVENI VIHAR S/S	11.6912	12.2190	0.5278		
									200	N-87A OPP DR LOADH(NARMADA PRO)	31.0580	31.5600	0.5020		
									200	R-50A BHARAT COLONY	20.2010	20.7030	0.5020		
									100	B-41/14/10 SUPATAL	10.3690	10.7200	0.3510		
									200	N-78A TRAVINI COMPLEX	44.2170	44.7190	0.5020		
									100	N-90 DR GUPTA	54.3210	54.6720	0.3510		
									200	RAIJUL APP-I	10.2790	10.7410	0.4620		
									200	RAIJUL APP-II	17.1456	17.6270	0.4814		
									200	RAIJUL APP-III	87.8120	88.4140	0.6020		
									200	RAIJUL APP-IV	50.2340	50.7060	0.4720		
									200	RAIJUL AOO-V	64.3570	64.8190	0.4620		
									200	ACRO POLIS-I	91.1570	91.6290	0.4720		
									200	ACRO POLIS-II	44.1100	44.6020	0.4920		
									200	ACRO POLIS-III	30.3280	30.7400	0.4120		
									200	ACRO POLIS-IV	22.2200	22.7220	0.5020		
									BULK	THE SR DEE/WCR(N355)	n/a	n/a	0.4997		
									BULK	COMMERCIAL AUTO(N413)	n/a	n/a	0.1146		
									BULK	LIC DN OFFICE (N148)	n/a	n/a	0.6947		
					Sub-Total -8	637.318	655.025	17.707					16.8218	0.8852	4.999

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		Complex PSS	33/11KV	2x5 +1x8	11 KV Shakti Nagar Feeder	1408.232	1425.0064	16.7744	200	P-5 S/S	22.9834	23.6337	0.6503		
									200	PREM NAGAR S/S	31.5896	32.0071	0.4175		
									315	X-MER GR-1 Bhole Baba	51.1037	52.0009	0.8972		
									200	X-MER GR-30 MAHAVIR PD	42.3410	42.8085	0.4675		
									200	X-MER GR-48 MANGAL SINGH	13.6180	14.1055	0.4875		
									200	X-MER -GR-52 PNB	23.9909	24.6229	0.6320		
									100	X-MER GR-59/1 SUBHIDA COMPLEX	61.3670	61.5862	0.2192		
									100	X-MER JAIN SAHAB	24.3690	24.5782	0.2092		
									315	X-MER MANAS MANDIR	N/A	N/A	0.7664		
									200	X-MER P-199 CLASSIC APPT	N/A	N/A	0.4875		
									200	X-MER P-18 MARGHATN	43.9517	44.3497	0.3980		
									200	X-MER P-32 BANGALI HOTEL	N/A	N/A	0.4875		
									200	X-MER P-57 ASHOKA	41.4415	42.1393	0.6978		
									315	X-MER P-67 DR KAMLA GUPTA	58.0353	59.0278	0.9925		
									200	X-MER P-78/8 COAL MINES	48.4597	49.3000	0.8403		
									200	X-MER P-83/7 SHARMA SAHEB	N/A	N/A	0.6430		
									200	X-MER P-89/1 ASHIRBAD APPT	22.8871	23.3903	0.5032		
									200	X-MER R-16 RATAN NAGAR	12.3097	12.7097	0.4000		
									200	X-MER R-30	40.5412	41.2598	0.7185		
									200	X-MER R-44 JAGGI WALA	46.7338	47.3594	0.6255		
									200	X-MER S-14	17.4182	17.9010	0.4828		
									200	X-MER S-34	38.2588	38.7816	0.5228		
									315	X-MER S-5/12	45.0351	45.7447	0.7096		
									315	X-MER S-7/33	27.3569	28.0233	0.6664		
									200	X-MER S/1	36.6217	37.1660	0.5443		
									200	X-MER SHAHU CHHKI	63.4890	63.9705	0.4815		
									200	X-MER KALIWADI MANDIR	78.6943	79.1618	0.4675		
									200	P-14 GOOD LUCK APPT	11.2790	11.7605	0.4815		
					Sub-Total -9	1408.232	1425.0064	16.7744					15.8972	0.8772	5.229
					TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3+.....+ Sub-Total - 9)			129.6472						7.4543	5.750
					South Division 11KV side Input Energy			250.665		South Division 11 KV line loss wrt total input energy (11KV side)				14.412	5.750
3	North Division	JP Nagar PSS	33/11KV	1x5	11 KV JP Nagar Feeder	475.038544	488.238	13.199	200	J-56 NEAR CBSE SCHOOL	5.6265	6.0210	0.3945		
									315	J-3 JP NAGAR	16.2454	16.7999	0.5545		
									315	J-21 JHANDA CHOWK	5.0522	5.6023	0.5501		
									315	AD -6/7 JAWAHAR NAGAR-1	55.6493	56.7854	1.1361		
									200	G-45 UMA NAGAR	27.9688	28.5033	0.5344		
									200	NR-2 BANTA DAIRY	35.2156	35.5904	0.3748		
									200	G-39 RAVINDRA NAGAR PUMP HOUSE	65.2100	65.8315	0.6215		
									315	G-23 KIRTI NAGAR	26.7157	27.4510	0.7353		
									200	R-11 RAM NAGAR	45.2140	45.6022	0.3882		
									315	R-4 NEAR SANJIVNI NAGAR	52.8626	53.4337	0.5711		

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									315	J-25 SHAKTI TIRAHA	35.2213	35.8863	0.6650		
									200	J-23/8 SWAGATAM CHAWK	5.0522	5.4318	0.3795		
									315	G-50 NEAR DHANI KI KUTIYA	9.6221	10.2066	0.5845		
									315	NR-5 NEAR SURAH BLDG	6.3214	6.8900	0.5686		
									315	NR-5/3 NEAR KK SINGH	37.8067	38.5658	0.7591		
									200	G-7 NEARJAIN MANDIR(GCF)	13.2020	13.5728	0.3708		
									100	R4/7/A BHUMI VIKAS BANK-1	23.3221	23.7366	0.4145		
									200	R4/7/A BHUMI VIKAS BANK-2	7.4192	7.9507	0.5315		
									200	MH-7 MAHAKAUSHAL NAGAR	26.6324	27.0273	0.3949		
									200	AD6-7/7 JAWAHAR NAGAR-2	74.3211	74.8056	0.4845		
									100	G-42/2 TAWAR DTR	65.3214	65.6608	0.3394		
									200	G-44 NEAR HOME SHRI BANSODE JI	15.2211	15.6151	0.3940		
									200	R-4/2/1 DURG MANDIR GATE	32.2122	32.7667	0.5545		
					SUB TOTAL -1	475.039	488.238	13.199					12.3014	0.89757	6.800
		Gokalpur PSS	33/11KV	2x5	11 KV Bajrang Nagar Feeder	942.136	958.8633	16.7273	100	ADIWASI HOSTEL	5.0779	5.4248	0.3469		
									100	AMANALA(RV-77)	12.2100	12.4654	0.2554		
									200	ANIL TENT (RV-65)	85.3110	85.9654	0.6544		
									200	BAJRANG NAGAR (BN-18)	34.3231	34.8522	0.5291		
									200	BAJRANG NAGAR (BN-58)	33.5443	34.1089	0.5645		
									200	BAJRANG NAGAR (BN-6)	24.6871	25.0486	0.3615		
									200	BAJRANG NAGAR (BN-61)	41.3422	41.9803	0.6381		
									315	BALRAM W/S (RN-7)	2.2143	2.8655	0.6512		
									200	BJNAGAR JHANDA CHOWK (BN-66A)	136.3110	136.8547	0.5437		
									200	CHANDRA MOHAN NAGAR(CM-16)SS	38.2836	38.6658	0.3822		
									100	CM-5 CHANDRA MOHAN NAGAR	18.3140	18.6214	0.3074		
									100	GARDEN	36.3140	36.4897	0.1757		
									315	HARIZAN BASTI (RB-68)S/S	59.5732	60.4952	0.9220		
									200	JDA NO-1	63.3144	63.9645	0.6501		
									100	JDA NO-2	45.3140	45.6189	0.3049		
									200	KISHAN HOTEL(RV-27)	1.2112	1.6321	0.4209		
									200	MARGHATAI (RN-3L)	28.3493	28.8419	0.4926		
									200	NAI BASTI (RN-3ESP7)	35.9694	36.4755	0.5062		
									100	NEW RAKSHA NAGAR (RN--3ESP22)	8.3146	8.6965	0.3819		
									100	OJHA CHAKKI	41.3114	41.5848	0.2733		
									100	PUMP HOUSE RAKSHA NAGAR (RC-10A)	78.3215	78.6354	0.3139		
									200	RAKSHA NAGAR (RC-1) SS	20.8565	21.3619	0.5053		
									200	RAM NAGAR (S-33)S/S	26.2099	26.6639	0.4541		
									100	RC-2C	65.3144	65.6125	0.2981		
									100	S-I TRIBAL GIRLS HOSTEL	28.3145	28.7759	0.4614		
									100	S-II TRIBAL GIRLS HOSTEL	65.3214	65.7844	0.4630		
									100	SAF-16 QUARTER (RAMNAGAR)	4.3312	4.5411	0.2099		

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									100	SANJAY NAGAR TOWER	78.3150	78.6190	0.3040		
									200	SANJAY NAGAR(RV-83)	30.4533	30.9632	0.5098		
									200	SANJAY NAGAR(RV-86)	41.9593	42.7065	0.7472		
									200	SARA PIPAL (RN-1)	30.6821	31.0827	0.4006		
									100	SAHID BHAGAT SINGH COMP-RV82	25.3140	25.6999	0.3859		
									200	SHARDA NAGAR (S-1) S/S	33.4087	33.9618	0.5531		
									200	SHARDA NAGAR (S-18) S/S	31.6782	32.2408	0.5626		
									200	SUBHAS NAGAR (RN-3ESP6)	5.7160	6.1144	0.3984		
					SUB TOTAL -2	942.136	958.8633	16.7273					15.9295	0.79783	4.770
		Adhartal PSS	33/11KV	2x8	11 KV Adhartal Town Feeder	780.462	793.0125	12.551	200	M-22 MAIN ROAD ADHARTAL	18.2163	18.6593	0.4430		
									200	NK-1 MILK SCHEME KE PAS	16.3211	16.6827	0.3616		
									200	M-19 MAIN ROAD ADHARTAL	19.3018	19.7362	0.4344		
									315	K-11 KATRA SHIV MANDIR	28.2606	28.9362	0.6756		
									315	A-3 ANAND NAGAR	28.1748	28.9936	0.8188		
									315	M-13 MAIN ROAD DR SEN	88.7075	89.4405	0.7330		
									315	A-11 IN FRONT OF RENTAL QR	62.4559	63.1055	0.6496		
									315	M-4 NEAR DENA BANK	9.9784	10.6458	0.6674		
									100	M-24-B MANSAROVAR	42.1244	42.5760	0.4516		
									315	M-24 ABHINANDAN HOSPITAL	36.3211	36.9771	0.6560		
									315	M-29 HANUMAN MANDIR-1	5.3231	5.8690	0.5459		
									315	M-31 HANUMAN MANDIR -1	16.3140	16.9900	0.6760		
									315	A-5A/A DURGA NAGAR	89.3214	89.9359	0.6145		
									200	M-16 NEAR SANI BAAR	9.9208	10.5035	0.5827		
									200	A-14 ANAND NAGAR BUS STOP	17.6428	18.1166	0.4738		
									200	M-8 MAIN ROAD ADHARTAL	15.7214	16.4010	0.6796		
									315	M-23 NAGAR NIGAM MARKET	6.3312	6.9787	0.6475		
									200	K-9/B NEAR KAMLA BHANDAR	27.4663	28.0107	0.5444		
									100	A-18 NEAR PANSEY HOUSE	63.3110	63.7784	0.4674		
									315	K-7-B NEAR VIMN ROY PARSHAD	38.6264	39.2448	0.6184		
									BULK	PC ENGINEER (N436)	18.2110	18.2633	0.0523		
					Sub-Total -3	780.462	793.0125	12.550					11.7935	0.7565	6.028
					TOTAL (Sub-Total -1 + Sub-Total -2 + Sub-Total -3)			42.4763						2.45191	5.772
					North Division 11KV side Input Energy			135.941		North Division 11 KV line loss wrt total input energy (11KV side)				7.847	5.772
4	East Division	Gorabazar PSS	33/11KV	3x5	11 KV H'Rose Feeder	315.572	322.006	6.434	200	H-118-E SS INFRONT CHURCH	8.1585	8.6322	0.4737		
									200	AMBA APARTMENT (B-52 FSP1)SS	1.8826	2.3177	0.4351		
									100	ARTI DIAS APART (A-81-HT-2)(A-81-E)	17.5420	17.6638	0.1218		
									200	DAINIK BHASKAR PRESS (A-81) PRESS	9.4540	9.6520	0.1980		
									100	KOUSHALYA APPARTMENT A-57	0.5985	1.0257	0.4272		
									315	MPSRTC B-48	8.4550	8.8512	0.3962		
									200	ST. THOMAS SCHOOL A-93 SS	18.2923	18.4873	0.1950		
									100	CIRCUIT HOUSE (B-64-B)	9.4894	9.5086	0.0192		

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									100	NARBUDDA CLUB G-48	1.4082	1.4117	0.0035		
									315	PANTI NAKA H-14 SS	28.2455	28.8235	0.5780		
									315	KALCHURI HOTEL B-43A SS	35.2150	35.8030	0.5880		
									100	A-87 (BASUNDHARA BIHAR)	6.2150	6.4183	0.2033		
									100	GORA BAZAR (O-40) SS	7.5422	7.6702	0.1280		
									100	JAHANGIR APARTMENT (A-61-C)	143.3120	143.4505	0.1385		
									100	AANCHAL APART (A-83) SS	2.8120	2.8527	0.0407		
									100	IVORY APART (B-52-FSP-2)	61.2240	61.3640	0.1400		
									100	AKRATI APART(B-52-C) SS	13.2800	13.4710	0.1910		
									100	WOOD STOCK APPRT(A-61-C-1)(A-61-D)	0.7892	1.0102	0.2210		
									100	PRESTIGE TOWN A-58-D SS	9.1120	9.3230	0.2110		
									100	NEW DELOTE CAMPUS (B-43-SP-3) B-43-SP	16.9695	17.4408	0.4713		
									100	VETERINRY COLLEGE (B-45)	10.3256	10.3670	0.0414		
									200	GORA BAZAR (O-30A) (O-29)	45.3263	45.3630	0.0367		
									200	MARBEL HEIGHT APPARTMENT	0.9338	0.9567	0.0229		
									100	COMMISSIONER OFFICE	42.2120	42.3930	0.1810		
									BULK	MANAGER KALCHURI HOTEL N-98	N/A	N/A	0.2790		
									200	GM-T&D CIRCLE N-139	23.2120	23.2177	0.0057		
									BULK	M/S PRINCIPAL CONN NO-548141	N/A	N/A	0.3790		
					SUB TOTAL -1	315.572	322.006	6.434					6.1263	0.30771	4.783
		Sai Nath PSS	33/11KV	1x5	11 KV Pachpadi Feeder	196.858	201.0663	4.2083	100	A-22 STATE BANK	24.3141	24.3314	0.0173		
									200	A-22B KRISHNA HEIGHTS	36.3121	36.4541	0.1420		
									100	A-18 ASP-2 RAJKUMAR BAI	78.3145	78.4247	0.1102		
									200	A-17, SAI BABA MANDEER	95.314	95.6744	0.3604		
									200	A-22 SHUSHILA SINGH	1.211	1.62277	0.4118		
									315	A-70SP2 HOMEGURAD OFFICE	2.81964	3.3728	0.5532		
									100	A-69 DR DHIRA WANI	53.311	53.3228	0.0118		
									200	A-65 DIG BUNGLOW	64.6422	65.1389	0.4967		
									315	B-103E AMIE	12.315	12.5421	0.2271		
									100	A-12 BANK OF INDIA	7.314	7.3411	0.0271		
									100	A-12A PRESTIGE APP	96.3145	96.541	0.2265		
									200	A-10 CIVIL LINE THANA	22.55449	22.91069	0.3562		
									200	A-7 INCH BY INCH	64.145	64.58543	0.4404		
									315	A-2 ALLAHABAD BANK	19.13022	19.2874	0.1572		
									100	A-22A PRESTIGE APPLICATION	12.14	12.224	0.0840		
									200	A-11, DUTT ENCLAVE PHASE -1	6.00878	6.0807	0.0719		
									200	A-10A FRONT OF CIVIL LINE THANA	87.314	87.411	0.0970		
									100	A-10B, UPHAR APP	132.213	132.2329	0.0199		
									200	ABHINAV COMPLEX	4.12	4.214	0.0940		
									100	SERVANT QUARTERS	163.314	163.3754	0.0614		
									100	GIS COLLEGE	4.211	4.242	0.0310		

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		Gohal Pur PSS	33/11KV	1x8	11 KV Pasiyana Feeder	SUB TOTAL -2	196.858	201.0663	4.2083				3.9971	0.2112	5.020
						836.184	847.03	10.846	200	NARMADA COLONY OLD ANAND NAGAR AF	64.3215	64.8664	0.5449		
									200	NARMADA COLONY OLD ANAND NAGAR AF	24.3214	24.8524	0.5310		
									200	BESIDE RADDI CHOWK PETROL PUMP TG-1	39.3140	39.8214	0.5074		
									200	BAHORABAG CHOWK TG-6A	28.8136	29.3731	0.5595		
									200	PASIYANA TG-10SS MAIN ROAD	41.3140	41.8524	0.5384		
									200	IF RAHMANI SHEFA KHAN, SHEFA KHANA R	63.3140	63.8811	0.5671		
									315	PASIYALA GL 17 SP3 (ANSAR NAGAR NEAR S	34.3394	35.3393	0.9999		
									315	ANSAR NAGAR NR SULABH COM.(GL-17SP-	35.3140	36.4067	1.0927		
									315	PASIYANA AP-2SS AZIZ GANJ	4.3110	5.1965	0.8855		
									315	CHARKHAMBHA BAHORABAG CHOWK TG-6	78.7895	79.6594	0.8699		
									315	PASIYANA GL-17 SP 9F(NR. CHOPRA MASJID	98.3150	99.2240	0.9090		
									200	NR.S-S GOHALPUR (TG-13-C-SP-2)	43.3150	43.9473	0.6323		
									315	AP-9 PASIYANA RAJA CHOWK	53.7585	54.6690	0.9105		
									200	PASIYANA GL-17 SP 9F	18.3140	18.9633	0.6493		
		Bahantalaia PSS	33/11KV	2x8	11 KV Bahurabag Feeder	SUB TOTAL -3	836.184	847.03	10.846				10.1974	0.64855	5.980
						556.84	571.978	15.138	315	KHATEEK MOHALA -125 SS (LAKDI KA	61.9074	62.6446	0.7372		
									315	HADDI GODOWN SS TG-74(AZAD CHOWK)	47.1035	47.6493	0.5458		
									200	CHAMORTI D-35 SS(SINDH CAMP)	63.9621	64.9679	1.0058		
									200	SINDHI CAMPD-41 SS(POLICE CHOWKI)	23.6890	24.4763	0.7873		
									315	BHB TG-77(SLATTER HOUSE ROAD)	29.4985	30.1896	0.6911		
									200	TG-54-A SS CHOTI MADARTEKARI	57.2729	57.9769	0.7040		
									200	CHOTI MADARTEKARI SS TG-60 MUTTON	5.7697	6.5570	0.7873		
									315	SINDHI CAMP D-40	59.3644	60.7372	1.3728		
									315	BHB TG-28	44.7506	45.5590	0.8084		
									315	BHB TG-47 SS MAIN RD BAHORABAG	11.6930	12.4126	0.7196		
									200	INFRONT OF DR ALI TG-25 SS	85.1424	86.0047	0.8623		
									315	TG-28(2) SS-16 QUARTER	18.3739	19.3576	0.9837		
									315	MANDI MANDIR TEKRI SS TG-54	34.2447	34.9351	0.6904		
									315	MADAR CHALLA TG-74 D(i)	N/A	N/A	1.0196		
									200	TG-75 SS HADDI GODOM	40.2395	40.7880	0.5485		
									200	NEAR DR ALI TG-22 SS(i) KILKARI GARDEN	64.8123	65.6284	0.8161		
									315	TG-74D(2) SS MADAR CHALLA	51.4690	52.1886	0.7196		
									200	NEAR DR ALI TG-22 SS(ii) KILKARI GRD	91.3690	92.1563	0.7873		
									200	TG-16 KABRISTHAN MARKET	32.7985	33.5858	0.7873		
		Vinoba Bhawe PSS	33/11KV	3x5	11 KV Dwarka Nagar Feeder	SUB TOTAL -4	556.84	571.978	16.22				15.3742	0.8458	5.215
						1438.756	1456.662	17.906	200	PANCHSHEEL SCHOOL CHANDMARI KR-	18.3244	18.9721	0.6477		
									315	MPHB COLONY HTK-7	5.8815	6.7846	0.9031		
									200	AMBEDKAR BHAVAN HTK-6	39.2308	39.9881	0.7573		
									200	KANCHGHAR DURGA MANDIR KR-8	48.4821	49.1542	0.6721		
									200	CHANDMARI TALAIYA KR-148F	25.3145	25.8866	0.5721		

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									200	MPHB COMPLEX BQ-24	6.3240	6.8912	0.5672		
									200	BHARAT SEWAK SCHOOL(SANJAY) KR-20	12.3246	12.8814	0.5568		
									200	M.T.R.U.COLONY BQ-24C	88.3215	88.9440	0.6225		
									315	KANCHGARN TIRAHA HTK-14	40.4862	41.2180	0.7318		
									200	KR-1A SS KANCHGAR CHOWK(SANJAY	24.2146	24.7885	0.5739		
									315	CHUNGI CHOWKI DURGA MANDIR KR-4	45.3246	45.9878	0.6632		
									315	KACHNAR CHOWRAHA KR-25	16.3215	17.1196	0.7981		
									315	SHUKLA HOTEL LALMATI KR-140	64.3140	65.1232	0.8092		
									200	MAYURKALA MANDIR KR-4	N/A	N/A	0.5264		
									100	SHARDA KIRANA STORE(HTK-16)	39.3212	39.6869	0.3657		
									200	CHANDMARI TESTING ROAD MANDIR KR-	47.3244	47.9247	0.6003		
									500	NARAYAN CHOWK KR-119	67.3240	68.5678	1.2438		
									200	B.K.DAFI(ROAD) KR-113G	61.8528	62.5408	0.6880		
									315	B.K.DAFI KR-113GSP-5	53.1543	53.9955	0.8412		
									200	NARAYAN CHOWK MANDIR KR-123	12.3500	12.8489	0.4989		
									315	GOPAL HOTEL NO-2 KR-132(II)	N/A	N/A	1.1108		
									200	LALMATI KR-148C	36.3240	36.8384	0.5144		
									315	GOPAL HOTEL NO-1 KR132(i)	13.3110	14.2847	0.9737		
									200	CHANDMARI KR-148K	29.8071	30.3764	0.5693		
					SUB TOTAL -5	1438.756	1456.662	17.9060					16.8075	1.098	6.135
					TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 + Sub-Total - 4 + Sub-Total - 5)			55.614						3.1118	5.595
					East Division 11KV side Input Energy			199.520		East Division 11 KV line loss wrt total input energy (11KV side)				11.164	5.595
5	West Division	Ranital	33/11KV	1x5	11 KV Golbazar Feeder	318.298709	333.0837	14.784991	315	F-10 S/S	18.3240	18.9633	0.6393		
									315	F-13 S/S	37.3955	38.2255	0.8300		
									200	F-42 S/S	34.6081	35.0299	0.4218		
									200	F-8 S/S, SHYAM ARCADE	22.5498	23.1786	0.6288		
									315	GB-20 S/S	18.1231	18.8894	0.7663		
									200	GB-24	39.4400	39.9415	0.5015		
									315	GB-26 SP2 S/S	2.2145	2.8624	0.6479		
									100	GB-30B S/S	45.2140	45.4854	0.2714		
									200	GB-34 S/S	2.0253	2.6253	0.6000		
									100	GB-51	102.2140	102.6220	0.4080		
									315	GB-53 S/S	35.8605	36.4095	0.5490		
									315	GB-53 S/STN	23.2154	23.8214	0.6061		
									100	GB-56	86.2156	86.4415	0.2259		
									200	GB-59A EXTN S/S	3.5698	4.2589	0.6891		
									100	GOODLUCK (MT-22)	45.2146	45.5320	0.3174		
									315	MT-28A S/S	26.6318	27.5090	0.8772		
									315	MT-28B S/S	24.4633	25.2390	0.7757		
									315	MT-31A S/S	11.2310	11.8214	0.5904		
									315	N-13 S/S	21.2145	21.7890	0.5745		

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									100	N-3 S/SN-6 S/S	16.3214	16.5420	0.2206		
									315	N-6 S/S	36.3777	36.9874	0.6097		
									315	Z-7 S/S	45.3142	45.8838	0.5696		
									BULK	OMEGA HOSPITAL -N497	n/a	n/a	0.9654		
									BULK	NATIONAL HOSPITAL	n/a	n/a	0.4147		
									BULK	JAMDAR HOSPITAL	n/a	n/a	0.2310		
					SUB TOTAL -1	318.298709	333.0837	14.785					13.9311	0.854	5.775
		Ukhari	33/11KV	1x5 + 2x8	11 KV Feeder Ukhari -3	1066.594	1082.849	16.255	100	GOPAL TRUST	23.3210	23.7417	0.4207		
									315	OB-1 HARDOL MANDIR	47.3385	48.1875	0.8490		
									100	Z/27B EXT1/3 GOPAL JI TRUST	65.2140	65.4165	0.2025		
									200	Z/19H/A 200KVA S/S SHEETAL PURI	32.1996	33.0447	0.8451		
									315	Z20 HARDOL MANDIR	58.7949	59.4402	0.6453		
									200	Z 22 SAMADRIYA COMPLEX	16.4428	16.9144	0.4717		
									200	Z-24	25.2156	25.6333	0.4177		
									300	Z 25 PARIJAT COMPLEX	30.0981	30.9948	0.8967		
									200	Z25A DALL MILL	11.2100	11.8479	0.6379		
									200	Z25SP10 SARASWATI COLONY	36.3214	36.9624	0.6410		
									315	Z25SP13 SARASWATI PARK	49.1773	49.9829	0.8056		
									200	Z25SP4 SARASWATI COLONY	18.0896	18.7009	0.6113		
									200	Z25SP8 SARASWATI COLONY	45.2156	45.9632	0.7476		
									100	Z-26 KUMBHARE HEALTH CLUB	0.3798	0.7834	0.4036		
									100	Z26-II RC COMPLEX	3.6213	3.9241	0.3029		
									100	Z27A GOPAL TRUST	0.0462	0.3482	0.3020		
									200	Z-27H EXN1(I)	0.1245	0.7624	0.6379		
									200	Z-27H EXN1(II)	3.5202	3.9914	0.4712		
									200	Z27H GOPAL TRUST	15.1256	15.8889	0.7633		
									200	Z27-I SAMRIYA ADARSH COMPLEX	2.7357	3.1718	0.4361		
									200	Z27-II SAMRIYA ADARSH COMPLEX	7.5431	7.9943	0.4512		
									200	Z-27K	41.3214	41.8633	0.5419		
									200	Z27K EXT2 GOPAL VIHAR	18.2155	18.7215	0.5060		
									200	Z27K EXT5 GOPAL VIHAR	26.2156	26.7411	0.5255		
									200	Z27K EXT7 GOPAL VIHAR	35.2163	35.7846	0.5683		
									200	Z-30 DAMOH NAKA	53.6555	54.5593	0.9037		
									BULK	GOPAL LAJI TRUST	1.2460	1.4522	0.2062		
					SUB TOTAL -2	1066.594	1082.849	16.255					15.2118	1.043	6.418

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
		Katanga PSS	33/11KV	2x5	11 KV Fourth Bridge(Chouthapul) Feeder	469.256	486.9915	17.7355	200	BGS TOWER (I-48 III)	19.3767	19.9081	0.5314		
									200	BHASIN ARCADE	7.3910	7.9766	0.5856		
									200	E/157 INFRONT OF DR BHANDARI	18.1210	18.7622	0.6412		
									200	E-158 INFRONT RLY COLONY	12.4611	12.8770	0.4159		
									200	H/60K BHAVANI PLAZA	35.3240	35.8332	0.5092		
									200	H/71 EXT1-I	65.3245	65.7417	0.4172		
									315	H-173 OFFICER MESS	30.5183	31.4789	0.9606		
									200	H-60 MORDEN PET.PUMP SARDAR	13.6388	14.1150	0.4762		
									200	H60G SARKAR SUNRISE	24.2156	24.7321	0.5165		
									200	H60G SARKAR SUNRISE-II	63.2156	63.7415	0.5259		
									63	H-60J DATT APPT	36.3214	36.5854	0.2640		
									150	H60-L(4TH BRIDGE)	30.5073	30.8945	0.3872		
									200	H-66	24.2143	24.5874	0.3731		
									200	I-43 KUMAR COMPLEX	74.2152	74.6745	0.4593		
									200	I/44/1 PUSHPA PLAZA	4.1576	4.6323	0.4747		
									100	I/45A/2 CHAWDA COMPLEX	26.2142	26.5655	0.3513		
									200	I/46A/1 BHASIN COMPLEX	32.3163	32.7470	0.4307		
									200	1-I NARMADA ROAD-1	18.2145	18.7552	0.5407		
									100	I-3 KATANGA ROAD	68.3146	68.5480	0.2334		
									100	I-3/1 NARMADA ROAD	3.3142	3.5332	0.2190		
									200	I-45 A BHASKAR TV	13.2145	13.7086	0.4941		
									200	I-48B AWTR COMPLEX	6.0688	6.7162	0.6474		
									315	I-50(1) GHR CHOWK	78.2153	78.8411	0.6258		
									315	I-50(2) GHR CHOWK-2	35.3210	35.9560	0.6350		
									200	I-5A BHUMIKA APPT	22.3213	22.9509	0.6296		
									200	I-5A BHUMIKA APPT II	0.0560	0.5575	0.5015		
									200	K-3A KATANGA-1	96.2110	96.7544	0.5434		
									200	K-3F DR GUPTA MEMORIAL	15.9598	16.6156	0.6558		
									200	K-3J RAJEEV GANDHI COLONY	41.2146	41.7529	0.5383		
									315	K-6 KATANGA GARDEN	14.6696	15.3444	0.6748		
									200	SEE-MEDIA(I-43-EXT)	25.2112	25.6844	0.4732		
									BULK	IDEA CELLULAR-N366	N/A	N/A	0.6360		
									BULK	BTA CELECOM	64.2152	64.6417	0.4265		
									BULK	DEPTT STORE-N352	N/A	N/A	0.1330		
					SUB TOTAL -3	469.256	486.9915	17.7355					16.9275	0.808	4.556

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
		Mission Press PSS	33/11KV	2x5	11 KV Nepier Town Feeder	636.32	664.099	27.779	100	E/107 A/1 MATA GURJI HOSTEL	43.3250	43.6250	0.3000		
									200	E/115 EXT1 DUTT TOWER -1	21.2322	21.7325	0.5003		
									200	E/115 EXT1 DUTT TOWER -2	11.9876	12.5116	0.5240		
									200	E/115/1 ANKITA APPT	36.3110	36.7155	0.4045		
									200	E/57B EXT1 KACHNAR SAMBHAR	0.0190	0.7020	0.6830		
									200	E/57B EXT2 KACHNAR SAMBHAR	0.0319	0.6326	0.6007		
									200	E/57B EXT3 KACHNAR SAMBHAR	3.2411	3.7144	0.4733		
									100	E/69 EXT2 SUBHPURNIMA HOMES	61.2140	61.5215	0.3075		
									100	E-103A EXT-1 KOUSHALYA VIHAR	45.2140	45.4624	0.2484		
									500	E-105 NAVEEN VIDYA BHAVAN	96.3140	97.4116	1.0976		
									100	E-107A DATT ENCLAVE	42.2110	42.5247	0.3137		
									100	E-107B KAUSHALYA KUNJ	11.2140	11.4746	0.2606		
									100	E-107D ARPAN MOKHA APPARTMENT	31.3440	31.6789	0.3348		
									100	E-109A ASHIYANA APPARTMENTS	11.2110	11.4650	0.2540		
									100	E-112 UTAV VIHAR	28.2140	28.4711	0.2571		
									200	E-115A EXT-1 INDUSIND BANK	36.2111	36.5689	0.3578		
									200	E-115 KAILASH AUTOMOBILE	7.0861	7.6163	0.5302		
									200	E-116 EXT MOHIT COMPLX	14.2140	14.7580	0.5440		
									200	E-120 DATT VILLA	6.0476	6.5148	0.4672		
									200	E-122 EXN-2 KACHAR GAURAV	66.1450	66.5146	0.3696		
									100	E-136 DR KHARE (BHAWARTLAL)	24.1140	24.3415	0.2275		
									63	E-17 III RUSSEL CHOWK	18.2452	18.4652	0.2200		
									200	E-20A SAMADRIYA INN	41.1280	41.6458	0.5178		
									200	E-57B GOODWILL APPARTMENT	8.1976	8.7287	0.5311		
									200	E-58 NAVNEETA	1.2110	1.9332	0.7222		
									100	E-59A CHAWLA APPARTMENT	16.3240	16.5990	0.2750		
									315	E-61 KUBER MARKET	76.3145	76.9214	0.6069		
									100	E-63 EXN 1 ATH BRIGADE	62.3244	62.5540	0.2296		
									100	E-63 EXN 2 AMITOI APP	6.0657	6.4671	0.4014		
									200	E-65A JABALPUR HOSPITAL	58.3214	58.8220	0.5006		
									100	E-66B MITRA ENCLAVE	41.2140	41.4540	0.2400		
									315	E-69 KHANJUA COMP	32.2767	32.9513	0.6746		
									315	E-75 SUDARSHAN MOTORS	21.3805	22.0789	0.6984		
									200	E-76 DATT PLAZA	10.1220	10.8350	0.7130		
									200	E-80 EXN-1 NARMADA PLAZA	1.6875	2.1098	0.4223		
									200	E-85 AKHILALAYALA	4.2110	4.7554	0.5444		
									100	E-85A SNEH VIHAR	9.6411	9.8221	0.1810		
									315	E-87 NIRMAL CHHAYA	61.0384	61.7098	0.6714		
									200	G-71 THIRD BRIGADE	78.2144	78.5666	0.3522		
									200	G-78 INCOME TAX AMIT ROSE	69.3214	69.9322	0.6108		
									100	G-84D BHAGWAN BIHAR	52.3210	52.6654	0.3444		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	G85/1 HOTEL SAMADIYA	31.2145	31.6020	0.3875		
									200	G-87A AVTAR BAR/RESTRAUANT	11.6803	12.1580	0.4777		
									200	G-88 EXN-1 JAIN TOWER	11.8700	12.2580	0.3880		
									200	G-88 EXN-2 JAIN TOWER -II	45.2140	45.7507	0.5367		
									200	G-89 SURYA COMPLEX	37.3140	37.9411	0.6271		
									200	MUSKAN HEIGHT -2	29.3124	29.7070	0.3946		
									200	MUSKAN HEIGHT -3	11.3240	11.7400	0.4160		
									100	MUSKAN HEIGHT -1	4.3124	4.7297	0.4173		
									100	T-13A DAWA BAZAR ROOPALI	51.3140	51.5448	0.2308		
									200	T 14 BANK OF BARODA SHASHTRI BRDE	85.3140	85.8645	0.5505		
									100	T-18 ICICI BANK SHASHTRI BRDE	4.3140	4.5855	0.2715		
									200	TATA ENGG SHASTRI BRDG CHOWK	66.3140	66.7000	0.3860		
									100	TN-15 RELIANCE WEB	3.5433	3.7954	0.2522		
									BULK	INCOME TAX	78.9641	78.9932	0.0291		
									BULK	JABALPUR HOSPITAL	12.3214	12.7000	0.3786		
									BULK	HOTEL SAMADRIYA	41.2140	41.7290	0.5150		
									BULK	HOTEL SMDRIYA INN	62.3140	62.8700	0.5560		
									BULK	ICICI BANK	45.2110	45.7890	0.5780		
									BULK	N VASAN EYE CARE -N572	n/a	n/a	0.0130		
									BULK	BHILAI SCAN CENTER-N577	n/a	n/a	0.0850		
									BULK	M/S CHARAK DIOG-N533	n/a	n/a	0.1340		
									BULK	BK CASTLE & HOTEL-N589	n/a	n/a	0.3150		
					SUB TOTAL -4	636.320	664.099	27.779					26.4525	1.326	4.775
					TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 + Sub-Total - 4)			76.555						4.032	5.266
					West Division 11KV side Input Energy			259.377		West Division 11 KV line loss wrt total input energy (11KV side)				13.660	5.266
					Jabalpur City Circle 11KV side Input Energy			893.044		Jabalpur City Circle 11 KV line loss wrt total input energy (11KV side)				50.1695	5.618
					Jabalpur City Circle 33KV side Input Energy			989.4585		Jabalpur City Circle 11 KV line loss wrt total input energy (33KV side)				50.169	5.070

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**11KV LINE LOSS ASSESSMENT OF BHOPAL
O&M CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



D) 11 KV LINE LOSS ASSESSMENT DETAIL OF BHOPAL O&M CIRCLE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy								
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU									
1	Nasrullaganj Division	33/11KV Neelkanth (PSS)	33/11 KV	1 x3.15 +1x5	11KV Chhindaon-Kanchi-Nilkantha feeder	1324.56	1331.76	7.2	63	Jivan Singh Wala	2.35378	2.5957	0.24192	0.42995	5.971528								
						63	Natu Singh Wala	3.67788	3.91529	0.23741													
						63	Makhan Wala	1.54672	1.8925	0.34578	63	Masuriya Wala	2.35678			2.58134	0.22456						
						63	Kamal Wala	4.36573	4.63461	0.26888	63	Seth Ji Wala	5.36728			5.58071	0.21343						
						63	Seth Ji Wala	3.46782	3.67249	0.20467	63	Anar Wala	8.65478			8.84945	0.19467						
						63	Kamal Wala	0.903762	1.143322	0.23956	63	Chhannulal Wala	1.36829			1.57296	0.20467						
						63	Saitan Wala	0.82579	1.01142	0.18563	63	Devi Singh Wala	4.77661			5.03038	0.25377						
						63	Rabharosh Wala	0.83673	1.09347	0.25674	63	Devi Singh Wala	1.35728			1.54762	0.19034						
						63	Gotam Wala	3.46829	3.64072	0.17243	63	Ramnarayan Wala	4.46829			4.68585	0.21756						
						63	Kailash Wala	7.35782	7.58227	0.22445	63	Ramswroop Wala	3.56864			3.8133	0.24466						
						63	Fullu Wala	0.88755	1.1143	0.22675	63	Omprakash Wala	1.56765			1.7464	0.17875						
						63	Dhan Imli Wala	5.68857	5.87403	0.18546	63	Village Wala	0.98769			1.17444	0.18675						
						63	Bharth Wala	3.3452	3.55396	0.20876	63	Laxminarayan Wala	2.68996			2.93569	0.24573						
						63	Hari Singh Wala	1.58777	1.84451	0.25674	100	Ganesh Wala	8.78967			9.17367	0.384						
						100	Village Wala	9.34567	9.74379	0.39812	100	Bhikalal Wala	8.87688			9.25474	0.37786						
						Sub-Total -1						7.2	Sub-Total -1						6.77005	0.42995	5.971528		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
					11KV Dimavar feeder	1098.56	1117.3376	18.7776	100	Paliwal Wala	1.25377	1.62937	0.3756	1.30276	6.937851
									100	Karan Singh Wala	2.34728	2.67186	0.32458		
									100	Village Wala	1.35278	1.75154	0.39876		
									100	Pilat Wala	5.25278	5.64334	0.39056		
									100	Dayaram Wala	4.35279	4.76068	0.40789		
									100	Ramasankar Wala	0.93572	1.21917	0.28345		
									100	Village Wala	3.35782	3.69658	0.33876		
									100	Sahu Wala	4.25287	4.59852	0.34565		
									100	Nehar Wala	1.35423	1.6531	0.29887		
									100	Village Wala	8.25437	8.65314	0.39877		
									100	Kamal Wala	0.82462	1.12215	0.29753		
									100	Village Wala	2.34267	2.61021	0.26754		
									100	Udya Singh Wala	2.56389	2.85158	0.28769		
									100	Bhagvan Wala	3.36388	3.77067	0.40679		
									100	Hakku Wala	0.82456	1.21543	0.39087		
									100	Sar Wala	0.932561	1.334771	0.40221		
									100	Sar Wala	1.25722	1.64487	0.38765		
									100	Jagdish Wala	1.25378	1.62253	0.36875		
									100	Village Wala	2.35272	2.6784	0.32568		
									100	Tulsiram Wala	2.32788	2.62784	0.29996		
									100	Village Wala	7.23689	7.53693	0.30004		
									100	Mahesh Wala	8.25278	8.64352	0.39074		
									63	Raghuraj Wala	0.825278	1.068898	0.24362		
									63	Parvat Wala	0.925878	1.189358	0.26348		
									63	Kachar Wala	1.24267	1.55142	0.30875		
									63	Balban Wala	2.53782	2.82769	0.28987		
									63	Parsram Wala	0.91872	1.1444	0.22568		
									63	Chandar Wala	0.628911	0.822261	0.19335		
									63	Kuwar Singh Wala	0.71518	0.89505	0.17987		
									63	Anar Singh Wala	0.692	0.92976	0.23776		
									63	Radheshyam Wala	0.92722	1.14559	0.21837		
									63	Kedar Wala	1.24236	1.43711	0.19475		
									63	W/W. Wala	1.25426	1.47209	0.21783		
									63	Ramkishan Wala	2.98732	3.24099	0.25367		
									63	Jagdish Wala	2.98373	3.21149	0.22776		
									63	Shiv Wala	1.27388	1.47264	0.19876		
									63	Paliwal Wala	3.27171	3.47649	0.20478		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									63	Satyanarayan Wala	1.35778	1.55344	0.19566		
									63	Dayaram Wala	0.92516	1.13861	0.21345		
									63	Village Wala	0.92431	1.16787	0.24356		
									63	Golu Wala	0.82126	1.07812	0.25686		
									63	Nandkishor Wala	0.72325	0.94792	0.22467		
									63	Village Wala	0.612991	0.802291	0.1893		
									63	Ramadhhar Wala	0.92615	1.12182	0.19567		
									63	Bheem Wala	0.62315	0.79893	0.17578		
									63	Hari Sankar Wala	0.81516	1.04613	0.23097		
									63	Balki Seb Wala	1.24623	1.48979	0.24356		
									63	Ramvilash Wala	1.87362	2.15349	0.27987		
									63	Mohan Wala	2.35787	2.57921	0.22134		
									63	Shundarlal Wala	2.35781	2.55625	0.19844		
									63	Kamal Wala	2.35781	2.58135	0.22354		
									63	Mohan Wala	3.35781	3.6014	0.24359		
									25	Hari Wala	1.25781	1.35216	0.09435		
									25	Ranjor Wala	0.93577	1.02542	0.08965		
									25	Reva Sankar Wala	0.83425	0.93412	0.09987		
									25	Arjun Wala	0.23245	0.32834	0.09589		
									25	Sumit Wala	0.242787	0.342867	0.10008		
									25	Durga Wala	0.634781	0.732314	0.097533		
									25	Main Road Wala	0.234567	0.328896	0.094329		
									25	Sushil Wala	0.38927	0.486051	0.096781		
									25	Bhagvan Wala	0.153728	0.251956	0.098228		
									25	Brahmaram Wala	0.36288	0.451676	0.088796		
									25	Dayaram Wala	0.44268	0.53868	0.096		
									25	Keshri Singh Wala	0.52667	0.61389	0.08722		
									25	Ramprakas Wala	0.62435	0.715463	0.091113		
									25	Kamal Singh Wala	0.62468	0.713792	0.089112		
									25	Ganesh Wala	0.724521	0.814551	0.09003		
									25	Bhagirath Wala	0.42367	0.513666	0.089996		
									25	Durga Wala	0.36278	0.452903	0.090123		
									25	Babulal Wala	0.527828	0.626938	0.09911		
									25	Naya Pump Wala	0.52687	0.61431	0.08744		
									25	Tukaram Wala	0.26537	0.35665	0.09128		
									25	Kachariya Wala	0.82556	0.92189	0.09633		
									25	Tukaram Wala	0.442627	0.528067	0.08544		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									25	Atar Singh Wala	0.235673	0.326223	0.09055		
									25	Shad Wala	0.163782	0.259113	0.095331		
									25	Ramprasad Wala	0.23578	0.328013	0.092233		
									25	Bheem Wala	0.34267	0.432665	0.089995		
									25	Om Wala	0.26378	0.352455	0.088675		
									25	Motilal Wala	0.42572	0.52806	0.10234		
									25	Misrod Wala	0.49877	0.598435	0.099665		
									25	Seth Ji Wala	0.308947	0.398073	0.089126		
									25	Seth Ji Wala	0.499827	0.598598	0.098771		
									25	Seth Ji Wala	0.52879	0.625341	0.096551		
						Sub-Total -2		18.7776		Sub-Total -2		17.474838		1.30276	6.937851
					11kv Nasrullaganj Town	1076.668	1091.112	14.444	25	Tawar Wala	1.362	1.44847	0.08647	0.69021	4.778524
									25	Iti Wala	1.793	1.89058	0.09758		
									25	Tata Tawar Wala	2.992	3.08324	0.09124		
									25	Tawar Wala	0.289	0.37443	0.08543		
									25	Tawar Wala	0.178	0.26576	0.08776		
									25	Tawar Wala	0.162	0.24312	0.08112		
									25	Tawar Wala	0.119	0.21043	0.09143		
									25	Tawar Wala	0.0189	0.11602	0.09712		
									25	S/S. Wala	0.0729	0.161558	0.088658		
									25	Kolar Colony Wala	0.0918	0.170454	0.078654		
									25	Shivhare Wala	0.0118	0.15526	0.14346		
									63	Soni Ji Wala	0.0319	0.240665	0.208765		
									63	Nale Wala	0.0927	0.33947	0.24677		
									63	B. V. M. Wala	0.592	0.81864	0.22664		
									63	Jeal Wala	0.925	1.12371	0.19871		
									63	Satet Bank Wala	0.401	0.64863	0.24763		
									100	Sastri Colony Wala	0.552	0.7198	0.1678		
									100	Jeal Wala	0.419	0.67116	0.25216		
									100	Kabristan Wala	0.183	0.37645	0.19345		
									100	Petrol Pump Wala	0.481	0.66633	0.18533		
									100	Vinod Wala	0.291	0.45446	0.16346		
									100	Bramdev Wala	0.193	0.42285	0.22985		
									100	Kolar Wala	0.382	0.53988	0.15788		
									100	Samsangath Wala	0.229	0.419553	0.190553		
									100	Bsni Wala	0.291	0.49214	0.20114		
									100	Bagvan Wala	1.229	1.51445	0.28545		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C+ΣF	% of 11 kv loss wrt input energy	
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU		
									200	Brandavan Wala	1.391	2.159	0.768			
									200	Rainj Wala	1.239	1.87159	0.63259			
									200	Thana Wala	4.923	5.46863	0.54563			
									200	Black Wala	7.193	7.80223	0.60923			
									200	Kamarmiya Wala	9.172	9.77546	0.60346			
									200	Sabjimandi Wala	4.293	4.83546	0.54246			
									200	Neelkanth Wala	6.772	7.26656	0.49456			
									200	Gulab Seth Wala	2.662	3.25942	0.59742			
									200	Sastri Colony Wala	1.993	2.65093	0.65793			
									200	Chorasiya Wala	6.291	6.87525	0.58425			
									200	Talai Mohalla Wala	6.118	6.62744	0.50944			
									200	Indore Naka Wala	2.917	3.50923	0.59223			
									200	Naya Bus Stand Wala	0.267	0.96098	0.69398			
									200	Bajrang Kuti Wala	0.839	1.40424	0.56524			
									200	Nagar Panchayt Wala	0.719	1.22342	0.50442			
									200	Kisan Mohalla Wala	0.417	1.08544	0.66844			
					Sub-Total -3			14.444	Sub-Total -3			13.75379	0.69021	4.778524		
					11KV Mandi feeder	313.666	316.02	2.354	25	Tawar Wala	2.945687	3.044447	0.09876	0.13281		5.642099
									25	Golu Patel Wala	5.78533	5.87388	0.08855			
									25	Tawar Wala	6.66896	6.76607	0.09711			
									25	Nitin Wala	3.86678	3.9778	0.11102			
									25	Makhan Wala	1.82244	1.90178	0.07934			
									25	Rambharosh Wala	3.6889	3.83894	0.15004			
									25	Om Wala	5.78934	5.90057	0.11123			
									25	Motilal Wala	8.47789	8.626226	0.148336			
									25	Babu Wala	4.56778	4.70701	0.13923			
									25	Om Patel Wala	5.67889	5.83427	0.15538			
									25	Mohan Wala	6.78856	6.87811	0.08955			
									25	Misrod Wala	5.67883	5.77772	0.09889			
									25	Seth Ji Wala	3.68899	3.80906	0.12007			
									25	Seth Ji Wala	1.54678	1.63912	0.09234			
									25	Seth Ji Wala	2.67843	2.764862	0.086432			
									25	Tappar Wala	5.46789	5.591348	0.123458			
									25	High School Wala	8.66443	8.791973	0.127543			
									25	Prem Wala	9.33221	9.42909	0.09688			
									25	Kailash Wala	6.55433	6.639011	0.084681			
									25	Bhola Gond	5.23459	5.356935	0.122345			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
					Sub-Total -4			2.354		Sub-Total -4			2.221185	0.13281	5.642099
		33/11KV Gopalpur (PSS)	33/11 KV	2 x5	11KV Gopalpur -I feeder	1598.367	1609.53576	11.16876	25	Rambharosh Wala	1.26633	1.361964	0.095634	0.76063	6.810371
									25	W/W. Wala	0.932561	1.017183	0.084622		
									25	Dinesh Singh Wala	2.37833	2.473761	0.095431		
									25	Bhikam Chand Wala	0.932626	1.016078	0.083452		
									25	Seth Wala	0.836232	0.924683	0.088451		
									25	Murat Wala	0.82829	0.893073	0.064783		
									25	Manoj Surati Wala	0.924526	1.019003	0.094477		
									25	Narayan Singh	0.624878	0.714635	0.089757		
									25	Durga Prasad Wala	1.26782	1.342356	0.074536		
									25	Anar Singh Sitaram Wala	0.93526	1.016526	0.081266		
									25	Jitu Seth Wala	0.93637	1.029897	0.093527		
									63	Kailash Wala	3.47833	3.69572	0.21739		
									63	Premnarayan Wala	4.46782	4.6716	0.20378		
									63	Tada Wala	4.36478	4.55406	0.18928		
									63	Tada Wala	3.46738	3.72766	0.26028		
									63	Mukesh Wala	5.35426	5.54805	0.19379		
									63	Ramvilash Wala	4.37689	4.62178	0.24489		
									63	Pandit Wala	6.35783	6.63466	0.27683		
									63	Doba Khet Wala	5.35377	5.54754	0.19377		
									63	Hukum Singh Wala	7.34643	7.56281	0.21638		
									63	Hukum Singh Wala	6.35772	6.5652	0.20748		
									63	Ragunath Wati Wala	7.34672	7.61054	0.26382		
									63	Kamal Singh Wala	8.35772	8.6624	0.30468		
									63	Kailash Wala	5.35272	5.60044	0.24772		
									63	Nathu Singh Wala	9.35672	9.57309	0.21637		
									63	Maan Singh Patel Wala	5.34277	5.54275	0.19998		
									63	Master Wala	4.47872	4.6906	0.21188		
									63	Devi Wala	8.37723	8.56049	0.18326		
									63	Uma Sankar Wala	7.35272	7.54954	0.19682		
									100	Talab Wala	9.35478	9.73935	0.38457		
									100	Bhawarlal Wala	12.4573	12.82664	0.36934		
									100	Village Wala	10.35728	10.71006	0.35278		
									100	Village Wala	9.35728	9.71201	0.35473		
									100	Rameshwar Wala	11.35793	11.76801	0.41008		
									100	Beada Wala	9.52781	9.86259	0.33478		
									100	Narayanpura Tappar Wala	13.6278	13.95259	0.32479		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy		
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU			
									100	Ragunath Bhati Wala	10.25728	10.55207	0.29479				
									100	Village Wala	8.25378	8.65551	0.40173				
									100	Dana Baba Wala	7.16378	7.55856	0.39478				
									100	Soni Ji Wala	8.26539	8.61916	0.35377				
									100	Bhagirath Wala	9.16573	9.48312	0.31739				
									100	Village Wala	11.2738	11.66028	0.38648				
										200	Gopalpur	14.27344	15.02722	0.75378			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C+ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									63	Road Wala	4.67721	4.887593	0.210383		
					Sub-Total -6			7.62624		Sub-Total -6			7.164133	0.46211	6.059434
		33/11KV Gillore (PSS)	33/11 KV	1 x5 +1x3.15	11KV Balagaon (Haliyakheda) feeder	1678.2533	1685.55314	7.29984	63	Anar Singh Wala	4.86966	5.104444	0.234784	0.38595	5.287143
									63	Omkar Singh Wala	4.29911	4.492856	0.193746		
									63	Pritam Singh Wala	7.25378	7.53771	0.28393		
									63	Balki Seb Wala	8.25378	8.497267	0.243487		
									63	Ramvilash Wala	6.27628	6.468317	0.192037		
									63	Mohan Wala	5.28386	5.496943	0.213083		
									63	Shundarlal Wala	8.327525	8.581303	0.253778		
									63	Kamal Wala	3.3578	3.531382	0.173582		
									63	Mohan Wala	6.25478	6.498453	0.243673		
									63	Shurendra Wala	7.25478	7.517766	0.262986		
									63	Raghuveer Wala	6.35728	6.581179	0.223899		
									63	Kailash Wala	2.354748	2.571105	0.216357		
									63	Sudama Wala	3.357899	3.605181	0.247282		
									63	Chironjilal Wala	7.34262	7.569988	0.227368		
									63	Pursottam Wala	2.34637	2.619952	0.273582		
									63	Ashok Wala	4.25373	4.451027	0.197297		
									63	Mangu Wala	7.25378	7.505716	0.251936		
									63	Chatarbhuja Wala	9.53722	9.804617	0.267397		
									63	Dasrath Wala	5.45778	5.690513	0.232733		
									63	Shyamlal Wala	4.77221	4.955072	0.182862		
									63	Vinod Wala	9.85644	10.072777	0.216337		
									63	Ashok Wala	5.23567	5.487409	0.251739		
									63	Village Wala	4.34678	4.596402	0.249622		
									63	Kuti Wala	7.368787	7.551477	0.18269		
									63	Kachru Wala	6.36889	6.579163	0.210273		
									63	Village Wala	5.44388	5.667518	0.223638		
									63	Lalit Wala	4.68909	4.892952	0.203862		
									200	Village Wala	14.35889	15.118817	0.759927		
					Sub-Total -7			7.29984		Sub-Total -7			6.913887	0.38595	5.287143

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C+ΣF	% of 11 kv loss wrt input energy			
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU				
2	Mandideep Division	33/11KV Mandideep-I (PSS)	33/11 KV	1 x 5 +1 x 8	11KV Mandi feeder	359.5895	368.351	8.7615	200	Patel Nagar (LIG) APDRP	0.32925396	0.9343886	0.60513468	0.95918	10.94763			
									200	Mandi Road-I (park wala)	0.043562	0.755877	0.712315					
									200	Mandi Road-II(Agrawal wala)	2.24731	2.979985	0.732675					
									100	Railway Station(main station)	0.907653	1.378	0.470347					
									25	Quippo Telecom Mandi	0.04698	0.07455	0.02757					
									100	Sheetal Home-I	1.06178	1.31602	0.25424					
									100	Sheetal Home-II	0.66314	1.00478	0.34164					
									100	Sheetal Home-III	1.86943	2.11295	0.24352					
									63	Anandi Wear House	0.99072	1.107375	0.116655					
									100	Squar coloney ROB	2.32675	2.7165	0.38975					
									200	Squar coloney FATAK	4.97194	5.68542	0.71348					
									100	Bindiya Dham Coloney-I	3.98234	4.11687	0.13453					
									100	Bindiya Dham Coloney-II	6.32154	6.62919	0.30765					
									100	Bindiya Dham Coloney-III	5.97065	6.33961	0.36896					
									315	Patel Nagar tankky Ghss	22.383918	22.912346	0.5284276					
									200	Patel Nagar Maran Wala-I	19.8552376	20.533184	0.6779464					
									200	Lal Building-I Ews	7.9674036	8.2520154	0.2846118					
									100	Ram nagar (ghati waia)	11.028675	11.222277	0.1936018					
									200	NAGAR PALIKA SHOPPING COMPLEX 1	15.2064	15.61982	0.41342					
									Bulk	Prabhakar Construction Co.(T	0.42655575	0.7124048	0.285849					
						Sub-Total -8						8.7615	Sub-Total -8				7.80232328	0.95918
					11KV Bhojpur feeder	165.304	167.882	2.578	200	NAYAPURA GAON	2.099877	2.978109	0.878232	0.22224	8.620725			
									25	FS PETROL PUMP	0.898626	0.994188	0.095562					
									25	DEEP SERVICE STATION	0.636393	0.731046	0.094653					
									63	BHARTI AIRTEL	1.099881	1.302237	0.202356					
									25	AADIWASI MOHALLA	0.190276	0.2514057	0.0611297					
									25	VODAFONE TOWER	0.273478	0.316465	0.042987					
									25	RELIANCE TOWER	0.153738	0.243594	0.089856					
									25	W/W MANDDEHRI	0.378191	0.41709	0.038899					
									63	MANDDEHRI GAON	0.963573	1.223561	0.259988					
									25	KHANPURA BHAIYALAL	0.309981	0.369925	0.059944					
									25	KHANPURA KASIRAM	0.153628	0.222494	0.068866					
									25	PIPALIYA LORKA MANDIR	0.084352	0.142116	0.057764					
									25	PIPALIYA LORKA DHARAMPAI	0.093456	0.19899	0.105534					

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									100	Mahaveer Nagar 3	3.77665	3.94011	0.16346		
									100	Mahaveer Nagar 4	2.22554	2.41293	0.18739		
									100	Mahaveer Nagar 5	1.98887	2.24265	0.25378		
									100	Mahaveer Nagar 6	3.56674	3.71371	0.14697		
									100	Mahaveer Nagar 7	2.99775	3.206009	0.208259		
									100	Mahaveer Nagar 8	1.11346	1.40317	0.28971		
									100	Mahaveer Nagar 9	5.77443	6.122232	0.347802		
						Sub-Total -10		15.926		Sub-Total -10		14.7184259		1.20757	7.582407
					11KV C Sector feeder	27.4569	36.2122	8.7553	100	Mahaveer Fabro cast	3.81751	3.98416	0.16665	0.50373	5.75344
									200	Narmada Kanta	4.56378	4.86254	0.29876		
									200	Jamuna Pharmaceuticals	2.64678	3.24355	0.59677		
									100	Hargovind Electricals	3.54788	3.84019	0.29231		
									100	Maa farmulation	6.43578	6.72249	0.28671		
									200	Neelkanth packers	9.43567	9.78986	0.35419		
									200	Rahul Nagar Jhuggi (Chhindwara mohalla)	12.45467	12.75475	0.30008		
									63	Shrinath Pipe	7.2797976	7.5407132	0.2609156		
									25	Airtel Exchange	0.36788	0.476551	0.108671		
									100	Shanker Super coke	5.928636	6.305301	0.376665		
									200	Ujala Cable	11.1959034	11.562261	0.3663578		
									100	Green Tech	0.04105435	0.3421445	0.30109019		
									100	Mark poly tech	11.56741	11.799751	0.232341		
									100	JAI BAJRANG	1.99443	2.2540051	0.2595751		
									100	Raj Rajeshwari	3.66655	3.934874	0.268324		
									200	Om Sai Pump (pestiside gate)	4.632837	5.286309	0.653472		
									200	Shri Parag poly	2.67452	3.294396	0.619876		
									200	Meenakshi Chemical	1.4973438	2.2225616	0.7252178		
									63	Bhopal Aurtherography	4.0440294	4.1295536	0.0855242		
									100	BALAJEE INDUSTRIES	6.97432	7.224139	0.249819		
									200	Finite Polymer	8.456362	8.964682	0.50832		
									100	Transwik Industries	7.45372	7.693607	0.239887		
									100	Near JVS Food gate	3.546478	3.772115	0.225637		
									100	Transwik Insulation	2.342367	2.662188	0.319821		
									Bulk	Hargovind Eeledtricals	1.07636925	1.1291603	0.052791		
									Bulk	Shashwat Kattha	1.378212908	1.4090146	0.030801668		
									Bulk	Shri Parag poly plast	0.996219368	1.0644835	0.068264173		

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
					11KV New area -II feeder	183.877	192.062	8.185	63	IFB	1.608	1.72	0.112	0.53724	6.563746
									200	KRANTI RUBBER	4.155	4.62132	0.46632		
									100	RS AGRO	5.367	5.6192	0.2522		
									100	SPECIALITY PRODUCT	0.29937	0.60814	0.30877		
									200	SIDDHARTH	8.8692	9.5712	0.702		
									63	Mpseb Dn. Office	0.976272	1.120622	0.14435		
									100	D Tech Pankaj Enterprise	2.54689	2.83045	0.28356		
									100	Manshapooran	1.27358	1.56234	0.28876		
									200	Millenium Rubber	8.58392	9.5165265	0.9326065		
									63	Ankur Industries	0.388899	0.498733	0.109834		
									200	Panchmukhi Dye	12.38752	12.857282	0.469762		
									100	Bansal Telecom	2.46739	2.757262	0.289872		
									63	M. P. Pharma	0.678292	0.887026	0.208734		
									100	Park Benz Lab.	1.35378	1.627329	0.273549		
									100	S. A. Food	3.46782	3.7554719	0.2876519		
									100	Yohanna Paint	0.965368	1.329905	0.364537		
									100	Shanti Plast	1.346278	1.720961	0.374683		
									200	Ananya Packaging	8.356278	8.651951	0.295673		
									200	Airen Poly Pipe	7.346278	7.849731	0.503453		
									63	Kotta Stone	0.827678	0.937565	0.109887		
									63	J. M. Pharma	0.236749	0.344303	0.107554		
									200	P. M. Perantel	5.534728	5.928991	0.394263		
									100	Samtran Powertech	0.834627	1.133559	0.298932		
									Bulk	Transwin Industries M.Deep	2.6697	2.7105	0.0408		
									Bulk	Anand Metal Works	0.535959	0.5428005	0.0068415		
									Bulk	Airen Polypipes	0.52403	0.5451945	0.0211645		
						Sub-Total -13		8.185	Sub-Total -13				7.6477574	0.53724	6.563746
					11KV Akvn feeder	5.065	7.22625	2.16125	100	Jamna Harbale	0.942627	1.1978274	0.2552004	0.14733	6.816873
									63	Transwic Insulation	0.825627	0.934302	0.108675		
									100	Rudra International	1.0509	1.30988	0.25898		
									100	BABA HEAVY ENGG.	1.35738	1.6410947	0.2837147		
									100	MGM Enterprises	2.34773	2.666408	0.318678		
									25	Crompton New AKVN	0.0811	0.11823	0.03713		
									25	Crompton Gate - II AKVN	0.0518	0.11706	0.06526		
									25	GEI AKVN	0.0575	0.1577	0.1002		
									63	SSA International AKVN	0.567298	0.675862	0.108564		
									25	Bansal Extractsion AKVN	0.462992	0.56408	0.101088		

मेकॉन लिमिटेड
MECON LIMITED
 (A Govt. of India Enterprise)



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	Electrotech	8.65567	9.3710195	0.7153495		
									200	Reetu Dall Mill	9.87765	10.281171	0.403521		
									100	Sipani Enterprise	0.907659	1.220303	0.312644		
									200	Devendra Engineering	4.65787	5.111299	0.453429		
									200	Ems Battery	2.676989	3.155949	0.47896		
									200	Goyal Battery	2.68989	2.964214	0.274324		
									BULK	Electro tech engg,PDC	8.6553	8.6553	0		
									BULK	Vipul Foods Mandideep	7.18125	7.2078	0.02655		
									BULK	Hi - Tech Wear (P) Ltd.	2.77716	2.83221	0.05505		
									BULK	Hindustan Institute of Farmac	2.94816	2.94816	0.000		
									BULK	Kaptim (P) Ltd.	0.199774	0.247285	0.047511		
									BULK	Brother Engineering	1.67465	1.71855	0.0439		
									BULK	Solv-Ex Engineering	12.78120562	12.802442	0.021236558		
									Sub-Total -15						
								12.4678708	Sub-Total -15				11.50624566	0.96163	7.712826
					11KV Sector B feeder	49.1019	56.88	7.7781	100	M.M. Metal	10.038	10.212	0.174	0.98546	12.66972
									100	Aviral Biotech	2.47834	2.774013	0.295673		
									63	Vishal Packwell	0.904675	1.114239	0.209564		
									63	Krishna Food Industries	0.893633	1.120203	0.22657		
									200	Seark X-mer	11.35743	11.708323	0.350893		
									63	A.B. Compu-data	1.2126	1.37138	0.15878		
									63	A.K.V.N. Pump house B,Sector	1.5972	1.86152	0.26432		
									100	Man Envelope	1.43664	1.62697	0.19033		
									63	Tipco Ply	1.8744	2.0106	0.1362		
									63	Vindhyachal Packers	0.824251	1.1131481	0.2888971		
									100	Anand Plastic	2.45473	2.75404	0.29931		
									100	New Govt Hospital Squar	4.7832	4.9952	0.212		
									100	Tirupati pipe P& G Road	25.1148	25.319	0.2042		
									63	Air Master P& G Road	0.964873	1.102483	0.13761		
									200	Maa Bhawani	14.463	14.807	0.344		
									200	Novel Carugater	8.35783	8.65794	0.30011		
									63	Airtel Tower	0.931656	1.136986	0.20533		
									100	Pie Electrical	1.25436	1.50881	0.25445		
									63	Clearvision	1.7274	1.831	0.1036		
									63	Videocone	0.612422	0.816062	0.20364		
									100	Genus Ind.	2.47888	2.771111	0.292231		
									100	Sattya Vijay Logistic	5.23766	5.532889	0.295229		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU							
									100	Prem stone	3.46474	3.735862	0.271122								
									25	Ganesh Timber	0.558825	0.602595	0.04377								
									200	AKVN SUMP TANK EICHER T.	5.37289	5.767655	0.394765								
									100	Nagar palika pump kaliyasuote	16.6512	17.0052	0.354								
									100	JHIRI GHAT DEEPNAGAR		0.293322	0.293322								
									Bulk	Sarvottam Asbestos	3.109030224	3.2028968	0.093866573								
									Bulk	Radha Mohan Industries	0.528153846	0.5448555	0.016701663								
									Bulk	Tirupati Industries	12.89313	12.98317	0.09004								
									Bulk	Unisons signs	0.323280896	0.349157	0.025876098								
									Bulk	Aartech solonics Ltd.	0.547311	0.609547	0.062236								
									Sub-Total -16			7.7781	Sub-Total -16			6.792636434	0.98546	12.66972			
									11KV Industrial feeder	22.9815	25.281	2.2995	200			INDUS -I	2.38788	2.797737	0.409857	0.1079	4.692411
													200			INDUS -II	3.46882	3.956309	0.487489		
													200			INDUS -III	3.46882	3.9226	0.45378		
													200			INDUS -IV	1.35748	1.734218	0.376738		
													200			INDUS -V	5.35782	5.821554	0.463734		
		Sub-Total -17			2.2995	Sub-Total -17			2.191598	0.1079	4.692411										
		33/11KV Mandideep-IV (PSS)	33/11 KV	2 x 8	11KVSaileela feeder	3.1449	3.8852	0.7403	63	KUSUM INDUSTRIES	2.357487	2.564027	0.20654	0.02724	3.679276						
									63	ANKIT INDUSTRIES	0.4035	0.55068	0.14718								
									25	SHRIPRADYA	4.35722	4.45846	0.10124								
									63	GHANDHAR PRECAST	3.56785	3.77553	0.20768								
									BULK	Shree saileela industries	2.2450395	2.247065	0.0020255								
									BULK	Extol industries	0.762204533	0.7695891	0.007384572								
									BULK	EFC Logistics India (P) Ltd	0.27611625	0.2873358	0.0112195								
									BULK	Rohit Ispat	0.080382	0.0954675	0.0150855								
									BULK	Kim Industries	0.10577775	0.1155873	0.0098095								
									BULK	Quality Engineering	0.058727	0.0636248	0.00489775								
		Sub-Total -18			0.7403	Sub-Total -18			0.713062322	0.02724	3.679276										

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy					
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU						
3	Obedullaganj Division	33/11KV Shahganj (PSS)	33/11 KV	1x5+ 1x3.15	11KV Banetha feeder	268.833	277.11972	8.28672	63	Petrol pump	3.54774	3.78249	0.23475	0.49491	5.972327					
						63	Chakla	5.27673	5.49808	0.22135										
						100	Ramakant Bhargar	4.16766	4.53233	0.36467										
						63	Chakla	6.32674	6.58639	0.25965										
						63	Dr. Vijay	3.54788	3.73792	0.19004										
						63	Mandir	1.43366	1.66552	0.23186										
						63	Plant	4.47888	4.66964	0.19076										
						63	Village wala	6.21454	6.46213	0.24759										
						100	Pump (Bhura)	8.46778	8.85035	0.38257										
						25	Dropati	0.81546	0.91169	0.09623										
						100	Ganesh	8.15466	8.48687	0.33221										
						63	Additional	4.43677	4.65812	0.22135										
						63	Pump	3.45774	3.65908	0.20134										
						63	Pump	4.46779	4.66432	0.19653										
						100	Purana village	8.22337	8.58825	0.36488										
						63	Kharra	3.76759	3.99927	0.23168										
						100	Purana village	9.34255	9.75581	0.41326										
						63	pump	5.23677	5.44133	0.20456										
						100	Village wala	8.33664	8.68942	0.35278										
						63	Village wala	5.35566	5.57022	0.21456										
						200	Pump	12.54778	13.30012	0.75234										
						63	Jagdish wala	4.63267	4.87254	0.23987										
						100	Village wala	6.32567	6.66823	0.34256										
						63	pump	4.26467	4.50145	0.23678										
						100	Village wala	6.45236	6.82111	0.36875										
						63	pump	4.66422	4.8862	0.22198										
						100	Village wala	8.25743	8.64195	0.38452										
						25	Airtel Tower	0.96643	1.05882	0.09239										
						Sub-Total -19						8.28672	Sub-Total -19						7.79181	0.49491
					11KV Amon feeder	38.12725	53.91265	15.7854	63	Raghvendra	2.36373	2.60565	0.24192	1.03912	6.582792					
						63	Motilal wali	4.25378	4.50376	0.24998										
						25	Motilal wali	0.93426	1.0209	0.08664										
						100	Chheer wala	6.16538	6.51529	0.34991										
						63	Village wala	3.45812	3.70695	0.24883										
						25	Bindra Ware house	0.83462	0.92683	0.09221										
						25	Jagdish wala	0.935272	1.019632	0.08436										
						25	Hetram wala	1.35488	1.4512	0.09632										

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									100	Road Village	7.25449	7.65711	0.40262		
									100	Shankar lal	8.25783	8.65659	0.39876		
									100	Stand wala	9.35782	9.70063	0.34281		
									63	Village wala	5.25388	5.5375	0.28362		
									100	Tej Singh	8.35278	8.71521	0.36243		
									100	Village	8.45829	8.78185	0.32356		
									100	Pump wala	9.35278	9.72559	0.37281		
									100	Puliya wali	7.35738	7.65095	0.29357		
									100	Jainarayan	8.35488	8.74945	0.39457		
									100	Jhundi wala	7.45782	7.61443	0.15661		
									100	Jhundi wala	9.35483	9.68704	0.33221		
									63	Vinay wala	4.35478	4.58661	0.23183		
									63	Machwai Road	5.25474	5.43828	0.18354		
									100	Suresh wala	8.35287	8.59654	0.24367		
									200	Road wala	14.24377	15.03739	0.79362		
									100	Lal Singh	7.24378	7.6465	0.40272		
									200	Purav Singh	13.25374	14.01622	0.76248		
									100	Village wala	7.23538	7.6003	0.36492		
									63	Harijan wla	4.26373	4.4773	0.21357		
									100	Ser Singh wala	8.54278	8.88545	0.34267		
									25	Prem Ji	0.93627	1.00951	0.07324		
									25	Prem Singh	0.93561	0.99796	0.06235		
									63	P.S. Chouhan	3.15282	3.3722	0.21938		
									100	Satnd wala	5.26388	5.6353	0.37142		
									25	Narendra Singh	1.32652	1.40005	0.07353		
									25	Devi Pd	0.924617	1.008257	0.08364		
									25	P.S. Chouhan	0.824167	0.917587	0.09342		
									25	Dhan Singh	0.92517	1.02086	0.09569		
									25	Narendra Singh	1.28002	1.36767	0.08765		
									100	Lakhan Lal	6.00223	6.3546	0.35237		
									100	Bajrang wala	7.22113	7.60677	0.38564		
									25	Gura	1.02973	1.11885	0.08912		
									63	Omprakash	4.27644	4.52975	0.25331		
									63	Ghanshyam	5.36349	5.59124	0.22775		
									63	Beni Pd	5.27333	5.49087	0.21754		
									63	Mahesh	5.28735	5.54102	0.25367		
									100	Village	8.27457	8.6611	0.38653		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU			
									100	Village Pump	7.34289	7.64064	0.29775				
									100	Mittulal	8.34861	8.68407	0.33546				
									100	Chhotelal	9.36848	9.72084	0.35236				
									25	Girbar wala	1.09833	1.15957	0.06124				
									63	Khet singh	4.08872	4.3055	0.21678				
									25	Rajni wala	0.94667	0.99913	0.05246				
									25	Bhuriya Bai	1.043537	1.106987	0.06345				
									63	Gulab wala	4.27289	4.45254	0.17965				
									25	Batri Prasad	0.93752	1.00986	0.07234				
									25	Megraj wala	1.35238	1.41361	0.06123				
									63	Rajnish wala	4.28638	4.46639	0.18001				
									25	Ganesh	0.93627	0.99288	0.05661				
									25	Anil/ radhey lal	1.25373	1.31046	0.05673				
									25	Bhawani Singh	0.93755	0.97989	0.04234				
									25	Darshan Singh	0.83655	0.89002	0.05347				
									25	Ramswaroop	0.912324	0.975774	0.06345				
									25	jainarayan	0.9347	0.99202	0.05732				
									25	Sawal Singh	1.92222	1.98008	0.05786				
									25	Chouhan Singh	0.923251	0.985801	0.06255				
									25	Gulab Singh	1.25883	1.32228	0.06345				
									25	Ram narayan	0.824566	0.911096	0.08653				
									25	Prem Singh -1	1.27352	1.37127	0.09775				
									25	Prem Singh -2	0.935772	0.994452	0.05868				
									25	khuman Singh	0.842662	0.905902	0.06324				
									25	Veer Singh	1.36393	1.43849	0.07456				
		Sub-Total -20						15.7854	Sub-Total -20						14.74628	1.03912	6.582792
		33/11KV Baktara (PSS)	33/11 KV	2x3.15	11KV Baktara feeder	115.3476	129.7175	14.3699	25	Airtel Tower	0.96854	1.06619	0.09765	0.79272	5.516531		
									25	Videocon Tower	0.83456	0.92211	0.08755				
									25	Kalari wala	0.94577	1.04443	0.09866				
									200	Idea Tower	13.4567	14.21012	0.75342				
									25	B.S.N.L	0.94567	1.00999	0.06432				
									25	Chandra jeet	1.45667	1.53012	0.07345				
									25	Kamal Kishore	0.92356	0.97601	0.05245				
									200	Bus Stand	13.5678	14.24208	0.67428				
									200	Choki wala	11.4677	12.18544	0.71774				
									200	Talab wala	12.5678	13.25785	0.69005				
									63	PHE	4.57878	4.79731	0.21853				

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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									100	Leela Foots	7.82557	8.12311	0.29754		
									25	Bakil	0.95433	1.02965	0.07532		
									25	Shashi Patel	0.98745	1.07277	0.08532		
									25	Rajendra Singh	0.83456	0.9211	0.08654		
									25	Kasi Bai	0.908765	0.972625	0.06386		
									25	Mahesh Patel	1.47755	1.53436	0.05681		
									100	Hospital	5.86573	6.06035	0.19462		
									25	Badri Pd	0.97643	1.06009	0.08366		
									63	Mohan Singh	3.37868	3.59801	0.21933		
									63	Mahendra	4.23456	4.48428	0.24972		
									25	Genda lal	0.962556	1.058766	0.09621		
									200	Village wala	14.89865	15.65257	0.75392		
									100	Village wala	7.78855	8.13705	0.3485		
									25	Airtel Tower	0.975434	1.060754	0.08532		
									25	Meghraj	0.84567	0.92539	0.07972		
									25	Bhaiya Lal	0.95566	1.00789	0.05223		
									63	Devi Singh	3.77546	3.96919	0.19373		
									63	Halki Bai	4.87665	5.06062	0.18397		
									63	Ramesh Wali	5.64755	5.85757	0.21002		
									100	Rawat Ji	8.77544	9.08553	0.31009		
									100	Veer Singh	8.65435	8.96013	0.30578		
									63	Bhupendra	4.86655	5.08592	0.21937		
									25	Beni Singh	0.96535	1.05658	0.09123		
									25	Sarda Bai	0.84324	0.91887	0.07563		
									25	Sunil	1.77755	1.83617	0.05862		
									25	Kartar Singh	0.96433	1.02695	0.06262		
									25	Tulsi Bai	0.83456	0.92088	0.08632		
									100	Beni Singh	5.85566	6.14942	0.29376		
									63	Kamal Kishore	3.87755	4.091	0.21345		
									63	Sushma Bai	4.677544	4.862184	0.18464		
									63	Mittulal	2.78965	3.0042	0.21455		
									100	Shadi Lal	8.97644	9.29322	0.31678		
									63	Sailesh	3.67887	3.89433	0.21546		
									63	Rajendra	4.76654	4.98999	0.22345		
									100	Village Wali	8.98992	9.29746	0.30754		
									63	Shahab Singh	3.54678	3.73791	0.19113		
									63	Ajit Singh	4.5564	4.75754	0.20114		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									25	Sat narayan Rawat	0.96765	1.05297	0.08532		
									25	Harijan Basti	0.95443	1.01788	0.06345		
									100	Pump wala	8.67382	8.99928	0.32546		
									100	Village wala	7.36282	7.70549	0.34267		
									100	Purana village	8.72792	9.08556	0.35764		
									100	Purana village	9.36829	9.68074	0.31245		
									25	Jeewan Singh	0.92627	1.025	0.09873		
									100	Village	7.27289	7.61503	0.34214		
									63	Addl. Pump	3.67892	3.92259	0.24367		
									63	Tika Ram	4.27289	4.51645	0.24356		
									25	Rahul	0.93772	1.03427	0.09655		
									25	Brijesh	1.72892	1.81466	0.08574		
									25	Kunti Bai	0.92463	1.01217	0.08754		
									25	Kesariya	1.2344	1.30785	0.07345		
									25	Hariom	0.97346	1.02005	0.04659		
									63	baktara w/w	3.52782	3.69948	0.17166		
									25	Amar Singh	1.0838	1.16836	0.08456		
					Sub-Total -21						14.3699	Sub-Total -21			
4	Raisen Division	33/11KV Raisen (T) (PSS)	33/11 KV	1x5+ 1x8	11KV Jail feeder	155.196	161.3012	6.1052	100	Near BSNL wala	4.78689	5.23961	0.45272	0.30079	4.926751
100	Raisen Town	3.45272	3.815592	0.362872											
25	Raisen Town	0.94762	1.032146	0.084526											
100	Raisen Town	5.38922	5.721892	0.332672											
25	Raisen Town	0.93566	1.009232	0.073572											
200	Raisen Town	11.35364	12.18942	0.83578											
25	Raisen Town	0.93762	1.015953	0.078333											
200	Raisen Town	15.25272	16.01654	0.76382											
100	Raisen Town	5.27882	5.57248	0.29366											
200	Raisen Town	13.35277	14.00115	0.64838											
100	Raisen Town	6.25378	6.54634	0.29256											
100	Raisen Town	5.27883	5.51145	0.23262											
100	Raisen Town	5.29372	5.577357	0.283637											
200	DT/College	0.52168	0.99982	0.47814											
100	DT/Pole Factory Raisen	1.71269	1.964	0.25131											
100	DT/Rahul Nagar Raisen	2.77558	3.11539	0.33981											
Sub-Total -22						6.1052	Sub-Total -22						5.804412	0.30079	4.926751
11KV Gopalpur feeder						728.263	742.59003	14.32703	315	DT/Akther Patel	19.36572	20.56949	1.20377	0.86812	6.059302

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									25	DT/C.B.I	0.93566	1.03439	0.09873		
									100	DT/Lohamill-3	5.38992	5.76454	0.37462		
									200	DT/Talkies Wala	12.63788	13.39461	0.75673		
									25	DT/Convent	0.95627	1.0427	0.08643		
									200	DT/Dashara Ground	13.56783	14.25146	0.68363		
									100	DT/Farsi Road	5.32892	5.68775	0.35883		
									200	DT/Jail-2	9.46872	9.81745	0.34873		
									25	DT/Lohamill-1	0.096277	0.193647	0.09737		
									200	DT/Lohamill-2	13.75893	14.52466	0.76573		
									25	DT/Pandit Deendayal College	0.937891	1.031761	0.09387		
									200	DT/Parasari Nadi	14.83922	15.53295	0.69373		
									100	DT/S.B.I	6.27829	6.60297	0.32468		
									63	DT/Tekri	4.78922	5.032	0.24278		
									100	DT/College /SBI	7.36782	7.71539	0.34757		
									100	DT/Pole Factory Raisen/Gand	5.36782	5.66258	0.29476		
									100	DT/Rahul Nagar Raisen/Okla	4.27389	4.59363	0.31974		
									100	CHANRA PLAZA	8.26829	8.61601	0.34772		
									100	K.G.KASHAVA MURTHY	6.26838	6.56315	0.29477		
									63	VISHAL M.VADHWA	2.47333	2.65631	0.18298		
									63	CLUB TC NO	3.48882	3.68256	0.19374		
									200	PANDURANGA SAIT	12.35772	13.1151	0.75738		
									100	WATER SUPPLY	5.67282	6.02734	0.35452		
									25	PUSHPA K REDDY	1.92763	2.02626	0.09863		
									25	SYNDICATE BANK	0.956727	1.040287	0.08356		
									100	KP.KIRANKUMAR, 9TH MAIN	4.26378	4.61353	0.34975		
									25	SANTHOSH	0.936727	1.035457	0.09873		
									25	SHARADA COMPLEX 18TH CR	0.828773	0.912333	0.08356		
									200	RAJAAPA MANI MOTORS,4TH	14.63782	15.31169	0.67387		
									100	BESCOM OFFICE TC	5.79292	6.13648	0.34356		
									63	DT/Ashok Nagar	4.27921	4.46684	0.18763		
									100	DT/Ashok Nagar	11.77848	11.98448	0.206		
									63	DT/Circuit House	0.82377	0.984371	0.160601		
									63	DT/Court	0.87809	1.109411	0.231321		
									100	DT/Hospital 1	11.19965	11.41892	0.21927		
									100	DT/Indian Square (Meter-1)	14.84326	15.22133	0.37807		
									100	DT/Indian Square (Meter-2)	21.28803	21.7706	0.48257		
									63	DT/NAWABPUR II	1.66693	1.77911	0.11218		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									63	DT/Patel Nagar	16.50604	16.79506	0.28902		
									100	DT/Police Line	1.91075	2.14853	0.23778		
						Sub-Total -23		14.32703		Sub-Total -23		13.458912	0.86812	6.059302	
					11KV Dargaha feeder	604.468	618.284	13.816	100	Near asha medical	4.58686	4.92943	0.34257	0.92675	6.707831
									100	Raisen Town	3.8755	4.20413	0.32863		
									25	Raisen Town	0.96432	1.05105	0.08673		
									25	Raisen Town	1.97865	2.07602	0.09737		
									63	Raisen Town	3.7654	4.00387	0.23847		
									100	Raisen Town	5.3892	5.75813	0.36893		
									100	Raisen Town	5.9922	6.32167	0.32947		
									100	Raisen Town	6.3892	6.68092	0.29172		
									25	Raisen Town	0.91274	1.01001	0.09727		
									25	Raisen Town	0.85292	0.93858	0.08566		
									25	Raisen Town	0.946747	1.014107	0.06736		
									25	Raisen Town	0.86655	0.92127	0.05472		
									25	Raisen Town	0.91144	0.98579	0.07435		
									100	Raisen Town	6.38933	6.75681	0.36748		
									100	Raisen Town	6.35683	6.7426	0.38577		
									200	Raisen Town	12.57983	13.36351	0.78368		
									25	Raisen Town	0.903788	0.977618	0.07383		
									200	Raisen Town	12.47839	13.15232	0.67393		
									200	Raisen Town	14.2749	15.06123	0.78633		
									100	Raisen Town	4.26833	4.63571	0.36738		
									100	Raisen Town	5.36883	5.66621	0.29738		
									200	Raisen Town	13.46929	14.158682	0.689392		
									200	Raisen Town	13.47892	14.21874	0.73982		
									200	Raisen Town	3.45732	4.135609	0.678289		
									25	Raisen Town	0.08748	0.16386	0.07638		
									200	Raisen Town	13.2689	14.02527	0.75637		
									200	Raisen Town	12.4682	13.151992	0.683792		
									25	Raisen Town	0.96286	1.030683	0.067823		
									25	Raisen Town	0.82763	0.91045	0.08282		
									25	Raisen Town	1.26833	1.36606	0.09773		
									63	Raisen Town	3.46982	3.7093	0.23948		
									63	Raisen Town	3.47987	3.72624	0.24637		
									200	Raisen Town	14.37498	15.11425	0.73927		
									315	DT/Arjun Nagar	3.87999	4.33907	0.45908		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	DT/Desi Kalari	7.24672	7.73181	0.48509		
									100	DT/Housing Board-I Dargah	2.64786	2.8823	0.23444		
									100	DT/S/S Raisen	0.227	0.42736	0.20036		
									63	DT/SBI	0.23345	0.34393	0.11048		
									63	DT/Yashwant Nagar	2.8649	2.96813	0.10323		
						Sub-Total -24		13.816		Sub-Total -24			12.889246	0.92675	6.707831
TOTAL (Sub-Total -1 + Sub-Total - 2 +..... + Sub-Total - 24)								218.957						14.852	6.783
Bhopal O & M Circle 11KV side Input Energy in LU							768.093	Bhopal O & M Circle 11 KV line loss wrt total input energy (11KV side)						52.1007	6.783
Bhopal O & M Circle 33KV side Input Energy							1225.86	Bhopal O & M Circle 11 KV line loss wrt total input energy (33KV side)						52.101	4.250

**11KV LINE LOSS ASSESSMENT OF MORENA
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



D) 11 KV LINE LOSS ASSESSMENT DETAIL OF Morena CIRCLE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
1	SABALGARH DIVISION	KAILARAS PSS	33/11KV	2x5 MVA+ 2x8MVA	KAILARAS CITY 1	1975.826	1998.776	22.95	100	ADAL X-MER NAHAR DTR KAI.TOWN1	3.5732	3.9099	0.3367	1.371	5.97281
									100	ADAL X-MER PETROL P.DTR KAI.T1	2.3657	2.58448	0.21878		
									100	ALOPI BAGIYA WALA DTR KAI 1	3.3537	3.689	0.3353		
									200	AMBEDAKAR MARG DTR KAI .TOWN 1	7.3527	8.04	0.6873		
									200	ANAJ MANDI GALI DTR KAI. TOWN1	8.3572	8.9225	0.5653		
									100	ANTRI BABU JI WALA DTR KAI 1	4.9387	5.246	0.3073		
									200	BAJRANG MARG WALA DTR KAI.TO 1	8.3682	9.038	0.6698		
									200	BHOTA(MANDI GATE) WALA DTR K 1	9.2561	9.907	0.6509		
									200	CHAMBAL COLONY DTR KAI.TOWN1	9.8272	10.4977	0.6705		
									100	CHINNU WALA DTR KAI.TOWN 1	3.9084	4.245	0.3366		
									200	DEENDAYAL MARG 1 WALA DTR K 1	8.5566	9.238	0.6814		
									200	DINDAYAL MARG 2 DTR KAI.TOWN 1	9.3322	10.0267	0.6945		
									200	DONGAR PUR WALA DTR KAI.TOWN 1	7.5426	8.228	0.6854		
									63	EXCHANGE WALA DTR KAI. TOWN 1	2.6783	2.7919	0.1136		
									200	GANDHI MARG WALADTR KAI.TOWN1	8.4566	9.04	0.5834		
									63	HARI SINGH WALA DTR KAI 1	3.8876	4.10025	0.21265		
									200	HAT KA MAIDAN WALA DTR KAI.TO1	9.35667	10.0257	0.66903		
									100	KRISHNA MARG WALA DTR KAI. TO1	4.87611	5.214	0.33789		
									200	KUSHWAH MUHALLA DTR KAI TOWN1	7.5533	8.192	0.6387		
									200	LEKHA WALA DTR KAILARASH TOWN1	6.23451	6.927	0.69249		
									100	LOHPEETA WALA DTR KAILARAS T 1	4.57511	4.86501	0.2899		
									200	MANDIR PU SAB1 MANDI DTR KA.T1	9.3476	9.99503	0.64743		
									200	MANDIR PU.SAB2 MANDI DTR KA.T1	9.6728	10.6918	1.019		
									200	MDS WALA DTR KAILARSH TOWN1	6.2577	6.957	0.6993		
									200	MUKHARJI MARG WALA DTR KAI. T1	8.5757	9.558	0.9823		
									25	O.Y.T.PUMP SICHAI WALA DTR K 1	0.96541	1.01841	0.053		
									200	P.D.C. WALA DTR KAILARAS	9.6151	10.321	0.7059		
									200	PANCHMUKHI WALA DTR KAI. TOWN1	11.2682	11.9602	0.692		
									200	PARASHRAM WALA DTR KAI.T 1	10.2641	10.9494	0.6853		
									200	PARK II WALA DTR KAILARSH TOW1	12.2575	12.961	0.7035		
									200	PARK SONI WALA DTR K.T1	9.1252	9.7508	0.6256		
									100	POSTOFFICE JILA SAH. DTR KA T1	3.2722	3.4475	0.1753		
									25	PRAKASH BAI WALA DTR DONGARPUR	0.85369	0.93819	0.0845		
									200	PURANA BUS STAND WALA DTR K 1	9.37522	10.06422	0.689		
									25	REJHONI RAOD WALA DTR KAI.TOW1	0.92856	1.01826	0.0897		
									63	RELIANCE & IDEA 3 WALA DTR K 1	2.5667	2.7861	0.2194		
									315	SHASTRI MARG2 WALA DTR KAI.TO1	15.2577	16.2623	1.0046		
									200	SUBHAS MARG1 WALA DTR KAI. TO1	5.9722	6.5283	0.5561		
									200	SUGAR FACTORY WALA DTR KAI TO1	7.2651	7.99	0.7249		
									25	TATA MOBILE TOWER WALA DTR KA1	0.72514	0.81084	0.0857		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									200	THANE WALA DTR KAILARAS TOWN 1	8.27654	8.9884	0.71186		
									25	VODA PHONE WALA DTR KAILARAS1	0.96141	1.00882	0.04741		
						1975.826	1998.776	22.950					21.579	1.371	5.973
2	SABALGARH DIVISION	KAILARAS 33/11 KV S/S	33/11KV	2x5 MVA+ 2x8MVA	KAILARAS TOWN-2	219.066	222.828	3.762	25	ANTRI BABUJI WALA DTR KAI 2	0.85658	0.94298	0.0864		
									200	DAK BANGLOW WALA DTR KAILARAS2	8.68547	9.321	0.63553		
									63	GOD WALA DTR KAILARAS TOWN 2	1.84789	2.0221	0.17421		
									63	JHUND PURA WALA DTR KAILA.2	2.957	3.105	0.148		
									25	KIROIBHAGHEL WALADTR KAILARAS2	0.6743	0.7182	0.0439		
									63	KUTRAWALI WALA DTR KAILA.2	1.0004	1.189	0.1886		
									100	LAKKHI WALADTRKAILARA2	4.68934	5.0192	0.32986		
									200	NAGARPALIKA WALA DTR KAILARAS2	7.5634	8.144	0.5806		
									100	NEPRI GAON WALA DTR KAILA.2	3.97643	4.16689	0.19046		
									100	PANCH MUKHI WALADTR KAILARAS 2	4.12426	4.311	0.18674		
									25	RAMWATI WALADTR KAILARAS 2	0.91567	0.95782	0.04215		
									63	RITHONIA WALADTR KAILARAS 2	1.2896	1.3873	0.0977		
									100	SANJAY WALA DTR KAILARAS 2	5.98384	6.221	0.23716		
									25	SATIS NEPARI WALADTR KAILARAS2	0.72748	0.79226	0.06478		
									200	SINGHAL WALA DTR KAILARAS 2	9.9345	10.4034	0.4689		
									25	SONERAM WALA DTR HARLAL PURA	0.46678	0.5345	0.06772		
						219.066	222.828	3.762					3.543	0.219	5.829
3	MORENA - II	JIGNI PSS	33/11 KV	2 X 5 MVA	KHERA ABADI	1264.7	1265.8	1.1	25	ASHARAM WALA DTR KHERA ABADI	0.92356	1.005306	0.081746		
									25	BIHARI WALA DTR KHERA ABADI	0.8645	0.955514	0.091014		
									25	BUDDHA KA PURA WALA DTR	0.81235	0.89734	0.08499		
									25	GIRAJ PATEL WALA DTR KHERA ABA	0.6534	0.74131	0.08791		
									25	MAHOR WALA DTR KHERA ABADI	0.67774	0.768113	0.090373		
									25	MAWASIYA WALA DTR KHERA ABADI	0.76301	0.8536	0.09059		
									25	MULAYAM WALA DTR KHERA ABADI	0.799568	0.892248	0.09268		
									25	NAT WALA DTR KHERA ABADI	0.76542	0.843315	0.077895		
									25	PRAJAPATI WALA DTR KHERA ABADI	0.91005	0.99051	0.08046		
									25	RAMPAL WALA DTR KHERA ABADI	0.690761	0.774641	0.08388		
									25	THIRAHE WALA DTR KHERA ABADI	0.648664	0.7280222	0.0793582		
									25	TOWER WALA DTR KHERA ABADI	0.865567	0.956757	0.09119		
						1264.700	1265.800	1.100					1.032	0.068	6.174
4	MORENA - II	JIGNI PSS	33/11 KV	2 X 5 MVA	KAZI BASAI ABADI	1.52	1.81	0.29	25	HARIJAN BICH KE PULIYA DTR RAS	1.5538	1.6459	0.0921		
									25	HARIJAN TISARI PULIYA RASILPUR	1.27489	1.37942	0.10453	0.019	6.548
									25	SHARMA MOHLAA WALA DTR RASILPU	1.16492	1.2393	0.07438		
						1.52	1.810	0.290					0.271	0.019	6.548

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 k loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
5	MORENA - II	RITHORA KALAN 33/11 KV S/S	33/11 KV	2 X 5 MVA	RITHORA KALA	3.785	5.591	6.715	25	FARIYAD KHAN WALA DTR RITHORA	1.8533	1.95176	0.09846	0.118	6.533
									25	TOWER WALA DTR RITHORA KALA	0.98632	1.09397	0.10765		
									100	RITHORA KALA WALA DTR RITHOR	1.1897	1.58917	0.39947		
									63	HOSPITAL WALA DTR RITHORA	2.23763	2.48325	0.24562		
									25	SANISCHARA MANDIR WALA DTR ENT	3.5732	3.6778	0.1046		
									25	GADAZAR WALA DTR RITHOR KALA	3.93474	4.030086	0.095346		
									25	ENTI WALA DTR RITHORA KALA	7.83356	7.9004	0.06684		
									25	KEDAR WALA DTR PAROLI RITHORAK	7.00363	7.11826	0.11463		
									25	MALKHAN PURA WALA DTR	6.8942	7.009912	0.115712		
									25	BAKSI KA PURA WALA DTR RITHORA	2.98993	3.1015	0.11157		
									25	SABADAL PUR WALA DTR RITHORAKA	3.10034	3.21326	0.11292		
									25	SILAGILA WALA DTR RGV RITHORAK	8.43321	8.54841	0.1152		
6						3.785	5.591	1.806				1.688	0.118	6.533	
6	MORENA I	MAYURVAN PSS	33/11KV	2 X 5 MVA	11KV REST HOUSE FDR.	315.88	321.283	5.403	16	B S N L TOWER WALA DTR R H FDR	0.84578	0.877925	0.032145	0.329	6.097
									100	COMMISSIONOR RESI WALA DTR R H	4.2684	4.65307	0.38467		
									100	JAY BHARTI SCHOOL WALADTR R H	5.2197	5.46765	0.24795		
									200	K . S. SCHOOL WALA DTR R H FDR	7.21115	7.65105	0.4399		
									100	K K SHARMA WALA DTR R H FDR	4.87321	5.1891	0.31589		
									200	MANDIR WALA DTR REST HOUSE FDR	6.9213	7.41617	0.49487		
									200	PATEL WALA DTR REST HOUSE FDR	8.1122	8.63962	0.52742		
									25	RAJENDRA RATHOR WALA DTR R H F	1.2456	1.288454	0.042854		
									63	RAJPUT HOTEL WALA DTR R H FDR	3.48918	3.62186	0.13268		
									100	REST HOUSE WALA DTR R H FDR	5.21982	5.6444	0.42458		
									200	RISHI YADAV WALA DTR R H FDR	8.01265	8.61638	0.60373		
									100	S . K . YADAV WALA DTR R H FDR	6.0035	6.41666	0.41316		
									200	S E RESI KE SAMANE WALA DTR R	8.34445	9.13807	0.79362		
									63	SONA GARDEN WALA DTR R H FDR	4.21455	4.434673	0.220123		
Sub-Total -1						315.88	321.283	5.403				5.074	0.329	6.097	
7	MORENA I	BADOKHAR PSS	33/11KV	2 X 5 MVA	11KV MATA MANDER FDR.	61.746	65.023	3.277	100	BADOKHAR MATA MANDIR WALA DTR	5.37387	5.61924	0.24537	0.248	7.581
									200	BADOKHAR WATER WORKS WALA DTR	8.63327	9.06055	0.42728		
									200	LAXMI MATA MANDIR WALA DTR LM	9.63774	10.12699	0.48925		
									100	MUNNA DANDOTIYA WALA DTR LM	4.8965	5.31887	0.42237		
									200	NANDE PURA ROAD CHORAHA WALA D	10.7678	11.13562	0.36782		
									100	NANDE PURA ROAD HOSTEL WALA DT	9.68787	9.955159	0.267289		
									200	POLYTECHNIC COLLEGE WALA DTR	11.5746	11.98243	0.40783		
									200	SAMSAN ROAD WALA DTR LM.	9.1966	9.59796	0.40136		
Sub-Total -1						61.746	65.023	3.277				3.029	0.248	7.581	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
8	MORENA I	BADOKHAR 33KV S/S MORENA1	33/11KV	2 X 5 MVA	FATAK 11KV FDR	949.546	966.122	16.576	200	ANWAR 2 WALA DTR F FDR DDC	8.3728	9.05747	0.68467	1.149	6.929
									200	ANWAR WALA 1 F FDR DDC	9.3272	10.07058	0.74338		
									200	BAJARANG COLONY WALA DTR FATAK	10.33123	11.126962	0.795732		
									63	BHARATI INFRATEL SUBHASNAG DTR	3.9647	4.21022	0.24552		
									63	CHAMBAL BANK KE SAMNE	4.8585	4.98	0.1215		
									200	CHHATRI PURA WALA DTR FATAK FD	8.96785	9.723233	0.755383		
									315	DHAN WALA DTR F FDR DDC	8.73758	10.20486	1.46728		
									200	DR. KOHAL WALA DTR FATAK FDR	7.93711	8.720335	0.783225		
									200	GOUSHALA WALA DTR FATAK FDR	8.72352	9.354718	0.631198		
									100	GUDDU TOMAR WALA DTR FATAK FDR	5.36128	5.703726	0.342446		
									200	JAIN BAGICHI WALA NEW F FDR DD	6.3639	7.14223	0.77833		
									200	JAIN BAGICHI WALA OLD DTR F FD	7.93638	8.82052	0.88414		
									63	KHENCHU WALA SUBHASH NGR FATAK	2.6383	2.895628	0.257328		
									100	MAHOUR CHORAHA1 WALA DTR FATA	5.63833	5.772554	0.134224		
									100	MAHOUR CHORAHA2 WALA DTR FATA	4.89322	5.088093	0.194873		
									315	MANOHAR NAGAR WALA DTR FATAK F	9.57379	9.99236	0.41857		
									63	MASJID WALA DTR F FDR DDC	2.8695	3.047723	0.178223		
									200	MPEB OFFICE KE SAMNE WALA F F	7.8946	8.711299	0.816699		
									200	NANDE PURA CHORAH WALA FATAK	8.1412	8.432544	0.291344		
									63	NATTHI BABA WALA DTR F FDR DDC	3.57396	3.792	0.21804		
									63	PACHORI WALA DTR FATAK FDR	4.1005	4.308	0.2075		
									100	PANI KI TANKI WALA DTR FATAK F	5.96336	6.304	0.34064		
									200	PDC WALA DTR DUTTPURA D/C	7.54822	7.837043	0.288823		
									200	PG COLLEGE WALA F FDR DDC	8.15732	8.9673534	0.8100334		
									63	PRAMOD GUPTA WALA DTR F FDR DD	2.96731	3.156	0.18869		
									25	RADHA TLKS 25WALA DTR FATAK FD	0.892537	0.985958	0.093421		
									63	RAM DUTT WALA DTR F FDR DDC	1.89273	2.12	0.22727		
									63	RAM LAKHAN WALA DTR F FDR DDC	2.54825	2.693626	0.145376		
									315	RAM NAGAR 315 WALA DTR F FDR D	10.5373	11.016622	0.479322		
									25	RELIANCE TOWER WALA F FDR DDC	0.92527	1.011	0.08573		
									200	RUI FACTORY WALA DTR FATAK FD	0.67392	1.37033	0.69641		
									63	SCHOOL KE PASS WALA DTR FATAK	0.31538	0.410767	0.095387		
									25	SWEEPRE WALA DTR SUBHAS N GR F	0.53278	0.60843	0.07565		
									63	TOWER WALA DTR FATAK FDR	2.7383	2.912122	0.173822		
									200	UTTAM PURA KHUTI ROAD WALA FAT	8.4371	9.2143	0.7772		
Sub-Total -1						949.546	966.122	16.576					15.427	1.149	6.929

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy	
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU		
9	MORENA I	MORENA PH 33KV S/S MORENA1	33/11KV	4 X 5 MVA + 1 x 8 MVA	CITY 11KV FDR DUTTPURA	1974.844	1987.381	12.537	100	JAGDISH MILL 100 KVA WALA DTR	8.78431	9.23159	0.44728			
									100	PURANI JEEN 1 WALA DTR D DC	6.43521	6.86114	0.42593			
									100	PURANI JEEN 2 PH WALA DTR D DC	7.32627	7.7099	0.38363			
									100	SINGLE BASTI WALA DTR CITY FD	8.5171	8.96046	0.44336			
									200	BHAROSHI KI DHARAMSHALA D DC	10.6356	11.318	0.6824			
									200	FISH MARKET 1 WALA DTR D D/C	11.4578	12.14	0.6822			
									200	FISH MARKET 2 WALA DTR D DC	9.97864	10.87725	0.89861			
									200	GOPINATH KI PULIYA	9.56743	10.43	0.86257			
									200	JAGDISH MILL WALA DTR D DC	9.35358	10.045	0.69142			
									200	MAHAVEER 1 PURA NEW DTR D DC	7.43622	8.25741	0.82119			
									200	MANIRAM SHARMA DTR D DC	10.31108	11.24519	0.93411			
									200	PIPAL WALI MATA KACHRA DTR D D	11.01023	11.95	0.93977			
									200	PIPAL WALI MATA WALA DTR D DC2	9.72524	10.5792	0.85396			
									315	CHUHIYA PAAN WALA DTR D DC	15.9877	17.38433	1.39663			
									315	PIPAL WALI MATA DTR D DC 1	13.43561	14.8113	1.37569			
Sub-Total -1						1974.844	1987.381	12.537				11.839	0.698	5.570		
10	MORENA I	MORENA PH 33KV S/S MORENA1	33/11KV	4 X 5 MVA + 1 x 8 MVA	NAINAGARH 11KV FDR DATTUPURA D/C	2491.888	2497.258	5.37	315	WARE HOUSE WALA DTR NAINAGARH	12.4372	13.92	1.4828			
									63	BHARATI INFATELL LIMITED DTR N	4.4272	4.68399	0.25679			
									315	BRIDHA ASHRAM WALA DTR NAINAGA	14.59543	15.96909	1.37366			
									100	RATHORE COLONY WALA DTR D DC N	9.57211	9.91841	0.3463			
									200	SABJEE MANDI WALA DTR D DC NAI	10.0023	10.856	0.8537			
									200	VISHAL FURNITURE WALA DTR D DC	11.43712	12.20982	0.7727			
Sub-Total -1						2491.888	2497.258	5.370				5.086	0.284	5.290		
11	MORENA I	MAHARAJPURA 33KV S/S MORENA1	33/11KV	3 X 5 MVA + 1 x 3.15 MVA	NEW INDUSTRIAL 11 KV FDR	1328.014	1331.81	3.796	63	R.K. INDURIES WALA DTR A.B ROA	4.5721	4.82734	0.25524			
									63	BADI UDYOG WALA DTR IND.AREA	6.5327	6.689498	0.156798			
									100	NAGAJI WALA DTR INDUSRIES AREA	8.46219	8.89375	0.43156			
									100	M.P AGRO WALA DTR INDUSTRIES A	9.46124	9.91	0.44876			
									100	AMIT ACE FACTORY WALA DTR IND.	7.01422	7.491809	0.477589			
									200	GOYAL KANKRIT WALA DTR IND.ARE	10.10456	10.953	0.84844			
									200	M.P. PIPE WALA DTR IND.AREA	9.97328	10.86167	0.88839			
Sub-Total -1						1328.014	1331.810	3.796				3.507	0.289	7.619		
12	MORENA I	SHIKARPUR 33KV S/S MORENA1	33/11KV	2 X 5 MVA	SHIKARPUR 11 KV FDR	58.084	59.24	1.156	200	SHIKARPUR GAON G DC WALA DTR	9.5253	10.31958	0.79428			
									25	RAMGOPAL WALA DTR SIKARPUR	2.3633	2.46592	0.10262			
									25	RAMNARAYAN WALA DTR SHIKARPUR	1.9583	2.0405	0.0822			
									25	SABAD SINGH WALA DTR SIKARPUR	2.0732	2.16958	0.09638			
Sub-Total -1						58.084	59.240	1.156				1.075	0.081	6.965		
TOTAL (Sub-Total -1 + Sub-Total - 2 + ... + Sub-Total - 12)								78.023	TOTAL (Sub-Total -1 + Sub-Total - 2 + ... + Sub-Total - 12)						4.873	6.246
Morena Circle 11KV side Input Energy									534.747	Morena Circle 11 KV line loss wrt total input energy (11KV side)					33.401	6.246
Morena Circle 33KV side Input Energy									631.057	Morena Circle 11 KV line loss wrt total input energy (33KV side)					33.401	5.293

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**11KV LINE LOSS ASSESSMENT OF
BURHANPUR CIRCLE OF MADHYA PRADESH
STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

D) 11 KV LINE LOSS ASSESSMENT DETAIL OF BURHANPUR CIRCLE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
1	BHURANPUR CITY	UDYOG NAGAR	33/11KV		U.N EXPRESS	84.428	101.302	16.874	315	Mahendra and Mahendra	0.07503	1.58528	1.51025	1.0259	6.079827
						200	Hindusthan Sizing	0.05893	0.86168	0.80275					
						200	Paras Process	0.06204	0.7672	0.70516					
						63	Prince Uddyog	0.05155	0.25544	0.20389					
						200	Mukesh Oil Mil	0.05345	0.65701	0.60356					
						100	Ambika Coating	0.05521	0.3593	0.30409					
						200	Maharaja Process	0.05847	0.86252	0.80405					
						100	Silver Sizing	0.02708	0.32831	0.30123					
						100	Nilkamal Process	0.00421	0.31811	0.3139					
						315	Swastik Industries	0.03961	1.25268	1.21307					
						160	Hanuman Udyog	0.02195	0.32285	0.3009					
						100	Ismail Bhai Sururee	0.07142	0.37227	0.30085					
						200	Bhandari Process	0.04796	0.85068	0.80272					
						100	Rajkamal Process	0.07606	0.38052	0.30446					
						100	Ramkrishna Process	0.05873	0.36974	0.31101					
						100	Gaytri Process	0.0678	0.3834	0.3156					
						315	Gurudwara	0.2134	1.9230	1.7096					
						63	Kailashpati Sizing	0.6678	0.8756	0.2078					
						100	Manish Mantri	0.0675	0.3756	0.3081					
						100	Pratap Udyog	0.2645	0.5978	0.3333					
						100	Pratap Udyog Power Loom	0.1176	0.5324	0.4148					
						200	Nawa Diti Product	0.2265	0.9356	0.7091					
						200	Trimurty Process	0.6687	1.2732	0.6045					
						200	R. R. Febrics	0.3365	0.9423	0.6058					
						100	Agrawal Celendring	0.9867	1.2945	0.3078					
						200	Ashok Baheti	0.2543	0.5645	0.3102					
						63	Pankaj Maheshwari	0.6426	0.8546	0.212					
						63	Ashok Cotton Mill	0.7425	0.8527	0.1102					
						200	Binani Compaund	0.4261	0.9326	0.5065					
						200	Ajanta Process	0.5734	0.9843	0.4109					
Sub-Total -1								16.874		Sub-Total -1			15.848	1.026	6.080

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
2			33/11		KALABAG	1074.6	1092.876	18.276	200	Ganpati Naka	0.03181	0.61832	0.58651	1.262	6.905703
									200	Kamal process II	0.0949	0.3895	0.2946		
									315	Kamal process I	0.6423542	1.246013	0.6036588		
									200	Manish Industries (Kamal process-III)	0.03838	0.34615	0.30777		
									315	Vishnu process	0.2656	0.798	0.5324		
									100	Reliance Telicom	12.667	12.808	0.141		
									200	Gita process I	0.4	1.01401	0.614005		
									200	Gita process II	0.927	1.7987	0.8717		
									160	Omega wala	0.0318	0.47616	0.44436		
									200	AG 5	0.1127	0.8698	0.7571		
									200	Gulsan Sizing	14.367	15.3240	0.957		
									200	Mantri Wala	0.8405	1.12	0.2795		
									200	Sudhir Mundada	12.265	12.974	0.709		
									200	Kisan Pahalwan	0.8867	1.695	0.8083		
									200	Kalabag Purani	0.9425	1.7598	0.8173		
									200	Aadil Seth	0.1476	0.8547	0.7071		
									200	Kallu Seth	0.1276	0.8376	0.71		
									200	Akhtar Colony Old	0.3865	0.9988	0.6123		
									200	Akhtar Colony New	0.06111	0.596	0.53489		
									200	Bhangar Wali	0.6645	1.2746	0.6101		
									200	Dhobi Wali	1.65705	2.37107	0.71402		
									160	Nanhesahab Banne Sahab	1.5678	1.9783	0.4105		
									100	Akhatar Colony	2.4867	2.903	0.4163		
									200	Gajanan Sizing	1.3865	1.967	0.5805		
									100	Azad Nagar Chouraha II	0.4487	0.8589	0.4102		
									200	Dhobi Wali II	0.3978	1.3023	0.9045		
									200	Near Gardan Of Adil Seth	0.1176	0.8245	0.7069		
									100	Near Wall of Kabristan Before Bhaulal Onkar	0.2143	0.5254	0.3111		
									100	Near Kishan Pahalban	1.5542	1.778	0.2238		
									200	Near Gulsan Sizing	0.7965	1.234	0.4375		
Sub-Total -2								18.276		Sub-Total -2			17.014	1.262	6.906

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
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3	BHURANPUR CITY	LALBAGH	33/11KV		TOWN2	572.916	595.0332	22.1172	315	LB 4 Post office	0.514	1.0753	0.5613	1.114	5.037844
									200	LB 3 Sagar tower	0.1083	0.3961	0.2878		
									200	HL 4 Paras talkies	0.116	0.692	0.576		
									315	CH 4/1	2.256	2.897	0.641		
									200	CH 4	1.339	2.143	0.804		
									315	CH 9	0.1135	0.6575	0.544		
									200	CH 9/1 A	0.7798	1.8021	1.0223		
									200	CH 9/4 Raj chuna factory	0.31	0.947	0.637		
									200	TM 7	0.311	0.8411	0.5301		
									200	TM 9 Bawdi wala	45.543	45.9743	0.4313		
									100	TM 9/1	50.53	50.85	0.32		
									200	B T Mill chal	0.166	0.633	0.467		
									200	TM 11 Chitra talkies	0.5538	1.463	0.9092		
									315	TM 12	0.0965	1.623	1.5265		
									200	Chuna factory Patonda road TM 12/2	0.0367	0.831	0.7943		
									100	Chhagan maharaj Patonda Rd	0.0887	0.454	0.3653		
									200	Panni factory Patonda road	0.227	1.221	0.994		
									200	Mamu colony III	0.0334	0.943	0.9096		
									315	Mamu colony I	0.1276	1.776	1.6484		
									100	Murtuja Nagar II	0.8616	1.1765	0.3149		
									200	Mamu colony II	0.2053	1.2198	1.0145		
									200	GG 6	0.2654	1.1978	0.9324		
									200	Labour colony Bima hospital	0.6687	1.1879	0.5192		
									63	Upkar nagar I	0.3376	0.5528	0.2152		
									100	Upkar nagar II	0.2765	0.587	0.3105		
									200	Arjun nagar	0.5532	1.445	0.8918		
									100	Durga Nagar 1	0.2756	0.689	0.4134		
									100	Durga Nagar 2	0.2891	0.669	0.3799		
									100	Durga Nagar 3	0.947	1.234	0.287		
									100	Durga Nagar 4	0.489	0.964	0.475		
									200	Karim Nagar	2.95581	3.44205	0.48624		
									100	Shivaji Nagar	3.24373	3.62556	0.38183		
Sub-Total -3								22.117		Sub-Total -3			21.003	1.114	5.038

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
4	BHURANPUR CITY	OLD PWR HOUSE	33/11KV		HAMIDPURA	1069.402	1090.74	21.338	200	Lakhotiya Textile	0.8803	1.125	0.2447	1.5229	7.136986
									315	Gardiya Textile	0.2214	0.68	0.4586		
									315	DL 21 Baja factory	0.1074	0.9986	0.8912		
									315	DL 20	0.8436	1.9685	1.1249		
									200	DL 19A	0.412	0.9222	0.5102		
									200	DL 19 Ajanta beer bar	0.514	1.3578	0.8438		
									200	Upasana Textile	0.9712	1.2052	0.234		
									100	DL 16 II	0.09994	0.2978	0.19786		
									315	DL 16 I Super sizing	0.04317	1.4519	1.40873		
									200	DL 16/1 Ansar nagar	0.04317	0.44519	0.40202		
									200	Annapurna II	0.04582	0.7675	0.72168		
									100	Annapurna I	0.3764	0.6989	0.3225		
									200	DL 16/6 Murgi form	0.2867	0.9125	0.6258		
									200	Hamidpura II (Panch pir ke pichhe)	0.3189	0.9267	0.6078		
									100	Hamidpura V (Baipass road)	0.0945	0.4876	0.3931		
									100	Hamidpura VI	0.1654	0.5254	0.36		
									200	Hamidpura I (Chouraha)	0.2659	0.9892	0.7233		
									315	Hamidpura IV (Chouraha)	0.04765	1.1645	1.11685		
									315	Hamidpura III Jabbar wala	0.0684	1.20987	1.14147		
									200	B.T. Celender	0.3176	0.9256	0.608		
									100	Swastik Industries	0.1024	0.4178	0.3154		
									100	Pramod Jain	0.3014	0.6016	0.3002		
									100	Royal Sizing	0.6055	0.9896	0.3841		
									63	Poddhar Silk Mill	0.4789	0.8167	0.3378		
									200	Khanbhai Power Loom	0.04728	0.8156	0.76832		
									100	Solanki Sizing	1.265	1.527	0.262		
									315	Laxman Sonji	3.651	4.994	1.343		
									100	Char Jhopde Wala, New Hamidpura	9.742	10.193	0.45128		
									200	Nale Wala, New Hamidpura	10.7695	11.53	0.7605		
									100	School Pass, New Hamidpura	8.256	8.724	0.468		
									100	Masjid Pass, New Hamidpura	5.398	5.913	0.515		
									63	B T Sizing	4.556	4.778	0.222		
									100	Khan Bhai Plastic	1.445	1.946	0.501		
									100	Bhangarwala	2.937	3.187	0.25		
Sub-Total -4								21.338		Sub-Total -4			19.815	1.523	7.137

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
5	BHURANPUR CITY	SIKARPURA	33/11KV		11KV Sindhi Basti FDR.	531.642	540.738	9.096	200	Salim nagar	32.167	32.513	0.346	0.4914	5.402485
									200	Gita Sai nagar 1	1.663	2.289	0.626		
									200	Gita Sai nagar 2	1.984	2.815	0.831		
									200	Gita Sai nagar 3	1.134	1.927	0.793		
									100	Gita Sai nagar 4	0.8970	1.378	0.481		
									100	Sai Baba Mandir Renuka	0.7177	0.8542	0.1365		
									160	Sarswati Nagar I	0.05987	0.27896	0.21909		
									100	Sarswati Nagar II	0.1735	0.4176	0.2441		
									100	LaxmiNagar - I	0.1956	0.5013	0.3057		
									200	Brahmshakti Nagar	0.2756	0.9897	0.7141		
									315	SB 10	0.4176	1.643	1.2254		
									315	SB 5	0.5593	1.032	0.4727		
									315	LB 62	0.1134	0.5321	0.4187		
									200	LB 64	0.2756	0.7878	0.5122		
									200	Pandarang Nala	0.8365	1.1536	0.3171		
									100	Salim nagar	0.6912	0.9188	0.2276		
									100	Sarswati nagar III	0.7315	0.9598	0.2283		
									100	Kishore Hemlal Shah	0.4867	0.8132	0.3265		
									100	Gita Sai Nagar	0.1634	0.343	0.1796		
Sub-Total -5								9.096	Sub-Total -5				8.605	0.491	5.402
6	BHURANPUR CITY	SANWARA	33/11KV		HARIR PURA	394.5708	416.6348	22.064	300	ARCO Transport	0.4796	1.168	0.6884	1.678	7.605
									200	LB-81	0.3838	0.9535	0.5697		
									200	Gujrati mod dharamshala LB 78	0.2656	0.9429	0.6773		
									160	Telephone Exchange	0.2708	0.6831	0.4123		
									200	LB 67 Saluja	0.0421	0.5701	0.528		
									200	DL 9 Krishi upaj mandi	0.421	0.911	0.49		
									100	Relaince petrol	0.031	0.16334	0.13234		
									200	Manglam process	0.6286	1.4645	0.8359		
									200	ML 8	0.3315	0.9521	0.6206		
									200	ML 4	0.2178	0.9278	0.71		
									200	ML 9/1	0.329	1.156	0.827		
									315	ML 9/2	0.0478	1.5587	1.5109		
									200	ML 10	0.00386	0.8419	0.83804		
									315	ML 11	0.2543	1.6756	1.4213		
									315	TI 2/2	0.5427	1.8623	1.3196		
									630	HP 9 Kholiwala	47.3385	48.9605	1.622		
									300	HP 9A Baharwala	20.53477	20.79	0.25523		
									200	HP 9/1	36.3655	36.6842	0.3187		
									315	HP 13/2	0.1187	1.7134	1.5947		
									315	PK 1	32.875	34.278	1.403		
									315	PK 3	12.745	13.989	1.244		
									315	PK 6	4.386	5.965	1.579		
									100	ML-6	31.265	31.675	0.41		
									100	ML-11/2	44.276	44.654	0.378		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A Initial meter reading at 11 KV side of PSS (LU)	B Final meter reading at 11 KV side of PSS (LU)	C=B-A Energy consumption at 11KV outgoing meter at source end during interval in LU	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D Initial meter reading at LT side of DTR (LU)	E Final meter reading at LT side of DTR (LU)	F=E-D Energy consumption at destination end during interval in LU.	G=C+ΣF 11 KV Line loss in LU	% of 11 kv loss wrt input energy
Sub-Total -6								22.064		Sub-Total -6			20.386	1.678	7.605
7	O & M Div				Ner/Nachankheda F/S	15.39	18.43	3.04	25	Idiawala	0.321	0.379	0.058	0.1980	6.513158
									100	Gaw ke pichewala	0.154	0.525	0.371		
									25	Taver vision wala	1.226	1.332	0.106		
									63	HarijanBasti	3.229	3.528	0.299		
									100	Sirsoda Gawwala	2.334	2.734	0.400		
									63	Harijan Basti	0.056	0.196	0.140		
									100	Bhatkheda Gawwala	0.285	0.762	0.477		
									63	Bhatkheda Gawwala	3.645	3.821	0.176		
									63	Ner harijan basti rodwala	2.115	2.315	0.200		
									63	Shivajimadhav wala	1.426	1.734	0.308		
									63	Harijan basti purana	0.227	0.534	0.307		
Sub-Total -7								3.040		Sub-Total -7			2.842	0.198	6.513
8	O & M Div				Hiwra DLF	0.324	0.899	0.575	25	Airtel Tawar	0.228	0.345	0.1170	0.0290	5.043478
									25	BSNL Tawar	0.017	0.103	0.0860		
									25	Petrol Pump	0.385	0.490	0.1050		
									25	Reliance Tawar	0.728	0.836	0.1080		
									16	Sarpanch G P	0.173	0.253	0.0800		
									10	W/W Hiwra	0.331	0.381	0.0500		
Sub-Total -8								0.575		Sub-Total -8			0.546	0.029	5.043
9	O & M Div	GORADIYA PSS			Nayakheda	45.32	46.65	1.33	10	Abbas Kha Israil	1.225	1.275	0.050	0.0989	7.433083
									10	Amratlal Shama	0.57	0.590	0.022		
									10	Ansar Mohtaj	0.307	0.332	0.025		
									10	Ashoke saheb Rao	0.682	0.710	0.028		
									10	Basir Kha Yusuf Kha	0.401	0.442	0.041		
									16	Bhau Babu	0.144	0.206	0.062		
									10	Bismilla Bee Akhter Kha	0.274	0.303	0.029		
									10	Bonder Mukunda	0.143	0.173	0.030		
									10	Chand Kha Umer Kha	0.663	0.694	0.031		
									10	Daule kha Piru	0.328	0.359	0.031		
									10	Denesh Madhuker	0.318	0.343	0.025		
									10	Gulab Kha Aalum Kha	0.715	0.747	0.032		
									10	Gulshe Kha Masur Kha	0.149	0.181	0.032		
									10	HAMEED KHAN HUSAIN KHAN	0.263	0.295	0.032		
									16	Husain Kha ShabashKha	2.226	2.256	0.030		
									10	Isarail Nisar Kha	6.184	6.216	0.032		
									16	Jahir Kha Ashraf Kha	4.731	4.762	0.031		
									10	Madanlal Parasmam	8.337	8.368	0.031		
									10	Mhebub Kha Soder Kha	5.772	5.794	0.021		
									16	Mumtaj Kha Husain Kha	0.593	0.615	0.022		
									10	Mustak Kha Babu Kha	0.927	0.943	0.016		
									16	Navi Ab. Gani	0.184	0.235	0.051		
									10	Nawab Kha Gulab Kha	4.228	4.270	0.042		
									10	Nisar Kha Niyamat Kha	6.932	6.964	0.032		

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									10	Noor Mh Yusuf Kha	7.185	7.207	0.021		
									10	Piru Bahadur	0.884	0.909	0.025		
									10	Rasid Kha Chand Kha	0.396	0.429	0.033		
									10	Rasul Kha Hasan Kha	0.295	0.320	0.025		
									10	Ravidara Sahebrao	0.139	0.161	0.022		
									10	Saida Bee Noor Kha	0.993	1.015	0.022		
									10	Salim Kha Gaffur Kha	1.832	1.862	0.030		
									10	Salina Bee Khan Bahadur	1.372	1.403	0.031		
									10	shadashiv Mahadev	2.853	2.874	0.021		
									10	shafi kha Mahebab Kha	2.395	2.416	0.021		
									10	Shanker Bali Ram	6.294	6.316	0.022		
									10	Sharif Kha Gaffur Kha	2.587	2.612	0.025		
									10	Sher Ali Aalum Kha	6.374	6.406	0.032		
									16	SHIF KHA GAFFUR	1.118	1.180	0.062		
									10	Taiyab Ali Gani	0.294	0.325	0.031		
									10	Usuf Kha Aalum Kha	0.917	0.947	0.030		
								1.330		Sub-Total -9			1.23	0.099	7.433
10	O & M Div					1.278	1.6437	0.3657	10	Baburam Dubey T/c	0.9001	0.941	0.0409	0.0167	4.561116
									10	Chandrabhagabai	1.706	1.756	0.0501		
									10	Fakirchand Khemchand	1.602	1.641	0.0392		
									10	Nandlal Kalu	1.305	1.342	0.0366		
									10	Shankar Waman	2.46	2.500	0.0395		
									10	Subhas Vitthal	2.01	2.048	0.0381		
									10	Tukaram Ragho	2.004	2.039	0.0348		
									10	Vijay Pandhrinath	6.112	6.151	0.0386		
									10	W/w Badnapur	0.446	0.477	0.0313		
								0.366		Sub-Total -10			0.349	0.017	4.561

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11	O & M Div				Bakhari F/S	4.167	5.3	1.133	63	Gawvala W/W	3.682	4.022	0.3401	0.0545	4.80759
									100	Harijan Basti No.2	5.312	5.808	0.4962		
									25	Fukatpura Basti	1.323	1.392	0.0691		
									25	dr. colony gawvala	2.334	2.390	0.0561		
									25	Harybhau Krushna	0.881	0.998	0.1170		
Sub-Total -11								1.133	Sub-Total -11				1.079	0.054	4.808
12	O & M Div				Siwal-1	45.27	50.82	5.55	10	Rajesh Eknath	3.354	3.392	0.0384	0.3570	6.432649
									16	Ajay Kumar Madhukar	6.899	6.961	0.0621		
									10	Ankush Harchand	4.753	4.791	0.0381		
									16	Anusayabai Motiram	4.663	4.727	0.0644		
									10	Archana Bai Kumar	5.715	5.753	0.0378		
									10	Ashok Shaligram	0	0.031	0.0315		
									16	Bhanudas Ramu	9.596	9.658	0.0618		
									10	Bhavsingh Thansingh	5.201	5.233	0.0315		
									10	Dagdabai Sampat	5.976	6.011	0.0345		
									10	DALCHAND DAGA 3022	2.541	2.571	0.0295		
									10	DAMODAR AKO	0	0.030	0.0298		
									10	Damodar Eko	5.461	5.493	0.0316		
									10	Dattu Motiram	2.588	2.621	0.0326		
									16	Dattu Rajaram	4.611	4.677	0.0662		
									10	Dayanand Purushhottam	3.075	3.113	0.0384		
									10	Dhansingh Seva	6.137	6.168	0.0315		
									10	Digambar Vasudev	1.338	1.376	0.0380		
									10	Dilip Shankar	5.598	5.637	0.0394		
									10	Durga Bai Dattu	2.62	2.655	0.0345		
									10	Easan Dattu	3.81	3.842	0.0324		
									16	Gajanad Ramjag	7.816	7.848	0.0321		
									10	Gajanand Ramjag	2.706	2.735	0.0291		
									10	Ganesh Maharu	9.357	9.404	0.0468		
									10	Gangaram Goma	7.655	7.690	0.0347		
									10	Gannu Sayaji	1.174	1.206	0.0317		
									10	Gopal Sadashiv	1.222	1.247	0.0248		
									10	Gyandev Sona	0	0.035	0.0346		
									10	Gyandev Sona	1.667	1.699	0.0315		
									16	Gyaneshwar vasudev	1.166	1.198	0.0321		
									10	Harchand Sopan	6.74	6.777	0.0365		
									10	Indalsingh Gatyra	1.124	1.156	0.0321		
									10	Jaini Bai Fakira	5.98	6.012	0.0321		
									10	Jalamsingh Sampat	6.062	6.095	0.0326		
									10	Jasodabai Narayan	0	0.032	0.0315		
									10	Jaubai Namdeo	2.049	2.091	0.0420		
									10	Jayshree Kautik	2.429	2.461	0.0322		
									10	Jayshree Pramod	1.71	1.745	0.0354		
									10	Jaywantabai Jaggannath	1.955	1.987	0.0316		

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									16	Kadu Trimbak	7.657	7.719	0.0615		
									10	Kailash malsing	1.679	1.711	0.0316		
									10	Kailash Raghunath	1.508	1.540	0.0315		
									10	KAILASH YASHWANT	0	0.031	0.0312		
									10	Karshana julal	2.409	2.441	0.0323		
									10	Kashi Bai Shanakar	2.26	2.299	0.0388		
									10	Kesharbai Nagram	4.59	4.620	0.0299		
									10	Kharu Bombya	1.369	1.398	0.0287		
									10	Khushal Totaram	4.288	4.314	0.0265		
									16	Kishore Gopal	0	0.079	0.0787		
									10	Koushlyabai Prakash	2.699	2.743	0.0440		
									10	Krashtra Girdhar	2.474	2.508	0.0340		
									10	LILADHAR PRALHAD	13.452	13.487	0.0346		
									10	Madhukar Dattatray	3.05	3.085	0.0355		
									10	Madhukar Onkar	0	0.036	0.0365		
									10	Maltibai Waman	6.144	6.178	0.0341		
									10	Mangilal Rama	6.727	6.757	0.0300		
									10	Manik Bula	4.774	4.806	0.0316		
									10	Manoj kumar Dubey	5.684	5.716	0.0315		
									10	Mathurabai Vittahal	6.901	6.933	0.0319		
									10	Meena Bai Sughas	7.651	7.691	0.0397		
									16	Mirabai Abhaysingh	0	0.067	0.0666		
									10	MUKEH MADHUKAR 4009	0.369	0.401	0.0322		
									10	Mukesh Maduker	1.5825	1.621	0.0388		
									10	Muktabai Rama	0.3377	0.375	0.0368		
									10	Nago Shankar	0	0.039	0.0389		
									10	Nalubai Vasant	0	0.031	0.0311		
									16	Namdev Ananda	1.1067	1.169	0.0622		
									10	Nandlal Babu	1.6234	1.655	0.0315		
									10	Narmdabai Namdev	0	0.037	0.0367		
									10	Narmdabai Namdev	0	0.033	0.0325		
									10	Nathu Shankar	0	0.032	0.0325		
									10	Navasi Bai Mithu	1.3323	1.365	0.0325		
									10	NILKHANTH PANDHARINATH	1.5988	1.630	0.0315		
									10	Onkar Kalu	0.4032	0.440	0.0365		
									10	Padma Bai Purushhottam	0.743	0.774	0.0315		
									10	Pandurang Sakhamam	0.0697	0.109	0.0398		
									10	Panobai Seva	0.7201	0.760	0.0398		
									10	Parasram Bandu	0	0.039	0.0388		
									16	Parvatibai Bhulal	1.3323	1.400	0.0675		
									16	Prahlad Raghunath	1.4282	1.497	0.0685		
									10	Prakash Senu	1.3941	1.426	0.0316		
									10	Prakash Shankar	0.051	0.081	0.0297		
									10	Prakash Shankar	0.7562	0.781	0.0246		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									16	Prakash Shankar	1.318	1.386	0.0684		
									10	Prakash Shankar	0.9687	0.998	0.0289		
									16	Pralhad shiram	0.6215	0.685	0.0634		
									10	Pramod Madhukar	0.3354	0.361	0.0258		
									16	Prashant Chavdas	0.6899	0.713	0.0235		
									16	Pundlik Harchand	0.4753	0.540	0.0645		
									10	Push Bai Dattu	0.4663	0.501	0.0348		
									10	Rajani Bai Shashank	0.5715	0.598	0.0270		
									10	Rajaram Motiram	0	0.030	0.0299		
									10	Rajaram Totaram	0.9596	0.990	0.0300		
									10	Rajendra Baliram	0.5201	0.545	0.0249		
									10	Rajendra Baliram	0.5976	0.643	0.0454		
									10	Rajesh Eknath	0.5345	0.5561	0.0216		
									10	Raju Senu	0.2588	0.289	0.0298		
									10	Rama Bai Baliram	0.4611	0.486	0.0248		
									10	Ramdas Ghama	0.3075	0.352	0.0448		
									10	Rameshwar Rajaram	0.6137	0.646	0.0325		
									10	Ramu Ganpat	1.1338	1.184	0.0498		
									10	Rukmana Bai Pundlik	0.5598	0.591	0.0315		
									10	Rukmanabai Dhansingh	0.262	0.293	0.0311		
									10	Rupla Budha	0.381	0.403	0.0225		
									10	Sadashiv Namdeo	0	0.000	0.0000		
									10	Sakru Bhoju	0.2706	0.303	0.0325		
									10	Salma Bee Sattar	0.9357	0.971	0.0355		
									16	Sandeep Manohar	0.7655	0.830	0.0649		
									10	SANJAY PRAHLAD	1.8174	1.856	0.0389		
									10	Santosh Bajirao	1.1222	1.145	0.0230		
									10	Sarika Bai Parmod	0	0.028	0.0277		
									16	Sarlabai Waman	1.1667	1.232	0.0655		
									10	Saubai Ganu	1.0166	1.046	0.0299		
									10	Shakuntalabai Uttam	0.674	0.699	0.0250		
									10	Shaligram Dodhu	0.1124	0.145	0.0322		
									10	Shariram Tukaram	0.598	0.628	0.0298		
									10	Shashikant Vasant	0.6062	0.631	0.0248		
									16	Sitaram Mangal	0	0.065	0.0648		
									10	Soma Damu	0.2049	0.230	0.0255		
									10	Suresh Manik	0.2429	0.287	0.0441		
									10	Suresh Ramchandra	1.371	1.406	0.0347		
									10	Tarachand Khushiram	1.3955	1.441	0.0455		
									10	Trimbak Sitaram	0.7657	0.801	0.0355		
									10	Tukaram Ananda	0.1679	0.213	0.0455		
									10	Vandanabai Yashwant	1.2508	1.283	0.0325		
									10	Vasant Ramu	0	0.039	0.0388		
									10	Vasant Raoji	0.2409	0.278	0.0369		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
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									10	Vasant Raoji	0.226	0.259	0.0325		
									10	Vasudev Bhagwan	0.459	0.484	0.0245		
									10	VIJAY MOHOD	0.1369	0.182	0.0448		
									10	Vijay Vishnu	0.4288	0.454	0.0248		
									10	Vilas Raghunath	0.6144	0.640	0.0255		
									10	Vimal Bai Pandhrinath	0.6727	0.698	0.0255		
									10	Vinayak Gopal	0.4774	0.525	0.0480		
									10	Vinayak shankar	0.5684	0.613	0.0448		
									16	Vitthal Harchand	0.6901	0.760	0.0695		
									10	Waman Chavdas	0.7651	0.802	0.0366		
									16	Waman Namdeo	1.2999	1.366	0.0662		
									10	Yuraj Sitaram	0.6029	0.633	0.0300		
									10	Yuvraj Vishwnath	0.4602	0.499	0.0388		
								5.550		Sub-Total -12			5.193	0.357	6.433
13	O & M Div				Siwal-2	16.84	19.82	2.98	10	T-9		0.0315	0.0315	0.1900	6.374899
									16	Sanjay Ishwarlal	0.7557	0.820	0.0645		
									10	Ananda Lahuji	1.8066	1.841	0.0345		
									10	Anitabai Diliprao	0.1664	0.199	0.0325		
									10	Asaram Fattu	0.3006	0.332	0.0313		
									10	Ashok Dayaram	0.3549	0.390	0.0346		
									10	Ashok Lounde	0.0227	0.061	0.0380		
									16	BATASIBAI GIRDHARILAL	0.6241	0.654	0.0298		
									10	Bhagwatibai Mannulal	0.7192	0.754	0.0350		
									10	Bhaskar Devchand	0.9374	0.973	0.0355		
									10	Bhaskar Nivrati	0.4365	0.472	0.0354		
									10	Chaggaan Sakharan	0.7508	0.789	0.0382		
									10	Chandrashekar	0.5998	0.645	0.0454		
									16	Dattu Annada	1.012	1.047	0.0346		
									10	Dattu Annada	1.6562	1.705	0.0484		
									10	DEVARAM MEETHARAM	1.6338	1.669	0.0355		
									10	Dinkar Sakharan	0	0.000	0.0000		
									10	Eknath Laxman	0.1683	0.203	0.0346		
									10	Eknath Nivrati	0.7825	0.817	0.0346		
									10	Ganpat Devram	1.4689	1.493	0.0245		
									10	Geetabai Shamu	0.2238	0.289	0.0648		
									10	Gopal Sanu	0.1033	0.151	0.0478		
									10	Govind Shobharam	0.68	0.727	0.0468		
									16	Hari Sonji 234	0.4228	0.423	0.0000		
									10	Hiralal Bhaulal	0.8669	0.891	0.0246		
									10	Hiralal Bhaulal	1.0055	1.031	0.0255		
									10	Ishwarlal Banduji	0	0.035	0.0346		
									10	Ishwarlal Banduji	0.7615	0.786	0.0246		
									10	Ishwarlal Banduji	1.3579	1.377	0.0196		
									10	Jagram Annada	1.3429	1.378	0.0355		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									10	Jakiya Bano	0.9229	0.958	0.0348		
									10	Jalamsingh Bapu	0.3201	0.357	0.0365		
									10	jaynarayan motiram	0.5599	0.595	0.0354		
									16	Jaywantabai Hari	1.1854	1.220	0.0349		
									10	Jitendrabadrilal	0.04	0.040	0.0000		
									10	KAILASH DEVRAM	2.5426	2.567	0.0248		
									10	Kamal Babu Free	0	0.035	0.0348		
									16	Kashinath Gabaji	0.3819	0.425	0.0428		
									10	Kashiram Jivram	0.0372	0.063	0.0254		
									10	Lalchand Dhondu	0	0.036	0.0356		
									10	Laxman Premchand	0.1739	0.206	0.0325		
									10	Laxman Ramchandra	0.2688	0.304	0.0354		
									10	Madhusudan Gupta	0	0.035	0.0345		
									10	Makhram Dasu	0.0379	0.068	0.0300		
									10	Malnibai Chhagan	0.0255	0.060	0.0348		
									10	Manglabai Gopal	0.022	0.061	0.0389		
									10	MANISH YASHWAANT	2.3798	2.380	0.0000		
									10	Meena ku Lounde	0	0.035	0.0349		
									10	MEENA KUMARI GURUBAXANI	0	0.039	0.0385		
									10	Mod Kha Bondar Kha	2.1485	2.187	0.0388		
									10	Motiram Dalaya	0.5529	0.581	0.0280		
									10	Murlidhar Fattu	0.1778	0.198	0.0200		
									10	Namdev Vithoba	0.8487	0.877	0.0280		
									10	Nandu Ramlal	0.4053	0.435	0.0299		
									10	Padmavatibai	0.2569	0.292	0.0348		
									10	Prabhakar Gyaneshwar	0	0.038	0.0385		
									10	Prakash Bajirao	0.4315	0.468	0.0365		
									10	Prakash Narayan	0.6212	0.657	0.0355		
									10	Raghunath Bhagwan	0.5702	0.595	0.0248		
									10	Rajaram Puna	0	0.035	0.0355		
									10	RAMU GANPAT	0.0891	0.126	0.0367		
									16	Sanjay Badriprasad	0.222	0.287	0.0648		
									10	Sethani;bai Dalpat	0.4291	0.474	0.0448		
									10	Shakuntalabai moti	0.1816	0.206	0.0248		
									10	Shalikram Onkar	0.366	0.393	0.0267		
									10	Shankar Sukha	0.5672	0.602	0.0349		
									10	shivmanglabai Gulab	0.0746	0.099	0.0248		
									10	Sitaram Ganpat	0.4022	0.441	0.0388		
									10	Sk Abaddula	0	0.035	0.0349		
									16	Sopan Damu	0.223	0.253	0.0298		
									10	Sumanbai Nana	0.4906	0.530	0.0395		
									10	SURESH LAXMAN	0.1685	0.203	0.0346		
									10	Swapnil Gyaneshwar	4.5855	4.620	0.0348		
									16	Swati Sachin 7516	0.2978	0.353	0.0548		

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									10	T-23	0.0967	0.132	0.0348		
									10	T-24	0.9849	1.032	0.0468		
									10	Tarachand Khushiram	0.2589	0.284	0.0248		
									10	Thagabai Dashrath	0	0.039	0.0389		
									16	Tukdusa Madarisa	0.6242	0.663	0.0390		
									10	Vasant Vithoba	2.2523	2.290	0.0379		
									10	Vidhya Ishwarlal	0.817	0.852	0.0348		
									10	Vilas Namdev	0.0366	0.053	0.0168		
									10	Yashwant Ganpat		0.0349	0.0349		
Sub-Total -13								2.980	Sub-Total -13				2.790	0.190	6.375
14	O & M Div				Nawra-1	11.74	18.42	6.68	10	Chavdas Sakharam	0.0745	0.1144	0.0399	0.4052	6.065123
									16	Asaram Petu	0.3110	0.3789	0.0679		
									10	Avinash Vasant	0.8605	0.8920	0.0315		
									10	Avinash Vasant	1.7495	1.7844	0.0349		
									10	Avinash Wasunt	0.6591	0.7039	0.0448		
									10	BALIRAM SHANKAR	0.4982	0.5337	0.0355		
									10	Baliram Shanker	0.1584	0.1939	0.0355		
									10	Baliram shanker	1.2171	1.2517	0.0346		
									10	Bhagvat Dodhu	0.0000	0.0348	0.0348		
									10	Bhanu Das aanunda	0.3191	0.3549	0.0358		
									10	Bharat Bhushan	0.0000	0.0325	0.0325		
									16	Bhikobai Rajaram	0.3386	0.3711	0.0325		
									16	Bhimrao Gopal	0.7711	0.8059	0.0348		
									10	Channubai Sahanu	0.0000	0.0487	0.0487		
									10	Chavdas Sakharam	0.2066	0.2446	0.0380		
									10	CHAYA BAI BHARAT	0.0000	0.0448	0.0448		
									10	Chayabai Bharat	0.2033	0.2382	0.0349		
									10	Delip Shanker	0.0935	0.1284	0.0349		
									10	Delip Shanker	0.0035	0.0383	0.0348		
									10	Denesh aanunda	1.4487	1.4727	0.0240		
									10	Devidas Namdev	0.2884	0.3232	0.0348		
									10	Devram Janglu	2.7105	2.7453	0.0348		
									10	Devram Janglu	0.3420	0.3719	0.0299		
									10	Dhanunjai Motiram	0.2590	0.2879	0.0289		
									10	Digamber Ram Krishan	1.4820	1.5085	0.0265		
									10	Durgabai Asaram	1.8362	1.8757	0.0395		
									10	Eknath Kaotik	2.0570	2.0935	0.0365		
									10	Enubai Khandu	1.7295	1.7609	0.0314		
									10	Farid Kha. Karim Kha.	1.0944	1.1269	0.0325		
									10	Ghanshyam Bhika	2.0719	2.1034	0.0315		
									10	Girja Bai Senu	0.3486	0.3855	0.0369		
									10	Gopal Kadu	0.1734	0.2060	0.0326		
									10	Gopal Shanker	0.5120	0.5435	0.0315		
									10	Gopibai Petu	0.6225	0.6572	0.0347		

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									10	Gyaneshwar Vaman	0.0101	0.0416	0.0315		
									10	Haribhau Giridhar	0.7989	0.8289	0.0300		
									10	Indu Bai Govinda	2.2278	2.2667	0.0389		
									10	Indu bai Shanker	0.0000	0.0458	0.0458		
									16	Indubaio Madhuker	0.3078	0.3394	0.0316		
									16	Jagadish Viashnu	1.2796	1.3141	0.0345		
									10	Jagadish Vishnu	0.0000	0.0000	0.0000		
									10	Janardhan Ramu	0.5420	0.5665	0.0245		
									10	Jivram Khandu	0.0255	0.0635	0.0380		
									10	Kadu Mitharam	0.0000	0.0348	0.0348		
									10	Kailash Raghunath	2.3846	2.4212	0.0366		
									10	Kailish Waman	1.9732	2.0047	0.0315		
									10	Kaotik Ramkrishan	0.0000	0.0299	0.0299		
									10	Kasturabai Nagesh	0.5894	0.6141	0.0247		
									10	Khushal Sarung	0.7366	0.7725	0.0359		
									10	Kishor Chunnilal	2.3621	2.3943	0.0322		
									10	Krishna damo	0.1131	0.1477	0.0346		
									10	Kumudbai Prkash	0.3737	0.4205	0.0468		
									10	Kusumbai Chunnil Lal	0.0000	0.0412	0.0412		
									10	Kusumbai Chunnilal	1.5412	1.5734	0.0321		
									10	Lalit lal Ghishulal	1.4316	1.4644	0.0328		
									10	Latabai Ravindara	1.3120	1.3498	0.0378		
									16	Laxman Ananda	1.6592	1.6990	0.0398		
									10	LILABAI DATTU	0.0000	0.0392	0.0392		
									10	Lilabai Dattu	0.0330	0.0724	0.0394		
									10	Liladhar laxman	2.5940	2.6337	0.0397		
									10	Liladhar Namdev	0.0000	0.0378	0.0378		
									10	Luxman Lotu	0.6150	0.6498	0.0348		
									10	Madanlal Narmada Prsad	1.5276	1.5723	0.0447		
									10	Madhv aanunda	1.8340	1.8800	0.0460		
									10	Maga Khandu	0.0000	0.0325	0.0325		
									10	Manish Prkash	0.0000		0.0000		
									16	Manjura Bai Shridhar	1.2007	1.2307	0.0300		
									16	Manohar Laxman	0.3480	0.3769	0.0289		
									10	MILIND SHANKAR	0.2137	0.2415	0.0278		
									10	Mirli Dhanr Krshna	0.6790	0.7069	0.0279		
									16	Mukesh Maduker	0.1066	0.1351	0.0285		
									10	Narayan Moti	2.0625	2.0874	0.0249		
									10	Nathi Bai Mukunda	0.3858	0.4206	0.0348		
									10	Nattu Dodhu	2.0518	2.0883	0.0365		
									10	Nivratti Dodhu	1.4788	1.5142	0.0354		
									10	Panadit Zhikaru	0.5655	0.6004	0.0349		
									10	Pandharinath Omkar	0.2273	0.2752	0.0479		
									10	Pandit Zhiparu	0.5766	0.6246	0.0480		

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									10	Pankaj Prkaash	0.0112	0.0522	0.0410		
									10	Paparam Petu	1.2500	1.2755	0.0255		
									10	Parantabai Babu	1.6599	1.6898	0.0299		
									10	Prbhaker Aanunda	0.0000	0.0378	0.0378		
									10	Prkash Shenu	0.3219	0.3515	0.0296		
									10	Prkash Vishnu	0.1330	0.1676	0.0346		
									10	Prkash Vishnu	0.5462	0.5773	0.0311		
									16	Prshant Gokul	1.5640	1.5889	0.0249		
									16	Prshant shanker	1.3306	1.3954	0.0648		
									10	Pushushpa bai Chindu	2.1322	2.1677	0.0355		
									16	Rahul Gokul	2.4522	2.4922	0.0400		
									10	Rajan magal	1.1695	1.2054	0.0359		
									10	Rajaram Ganu PDC	1.1650	1.1997	0.0347		
									10	Rajaram Motiram	1.2507	1.2875	0.0368		
									10	Rajaram Motiram	0.0000	0.0300	0.0300		
									10	Rajmal Shermal	0.2722	0.3001	0.0279		
									10	Rama Zhuparu	1.7354	1.7699	0.0345		
									10	Rambha Bai Sukhchand	0.0000	0.0554	0.0554		
									16	RAMCHAND DINA	0.6623	0.6869	0.0246		
									10	Ramchand Dina	0.0617	0.0943	0.0326		
									10	Ramesh Chand Sahebrao	0.6699	0.7157	0.0458		
									16	Ramesh Motiram	0.9884	1.0239	0.0355		
									10	Ramesh Motiram	1.0050	1.0211	0.0161		
									10	Ramkali Bai Jogilal	2.5450	2.5773	0.0322		
									10	Ramrao Kashiram	0.1257	0.1636	0.0379		
									10	Ramu Motiram	3.1310	3.1558	0.0248		
									10	Ramu Sakharmam	2.5152	2.5431	0.0279		
									10	Ratilal Hiralal	0.4443	0.4735	0.0292		
									10	Ratiram Keshav	0.0000	0.2100	0.2100		
									10	Ravindara Babulal	0.2121	0.2437	0.0316		
									10	Ravindara Namdev	1.9315	1.9661	0.0346		
									10	Rukhmana Bai Laxman	1.5531	1.5879	0.0348		
									10	Rukhmana Bai Laxman	0.7066	0.7410	0.0344		
									10	Saied Kha Yakub Kha	0.7715	0.8073	0.0358		
									10	Sayabai Shamlal	1.0250	1.0598	0.0348		
									16	Serpanch Garam Panchayat	2.4799	2.5147	0.0348		
									10	Shaligaram Ramu	1.1621	1.1970	0.0349		
									10	Shaligram Ramu	0.7600	0.7948	0.0348		
									16	Shalik Ram namdev	0.2226	0.2566	0.0340		
									10	Shalikram Ramu	1.5624	1.6022	0.0398		
									10	Shanker Raoji	2.5805	2.6183	0.0378		
									16	Shanker Krishan	1.3976	1.6456	0.2480		
									10	shanta Bai Raghunath	0.0597	0.0942	0.0345		
									10	Shantaram Krishna	1.0256	1.0614	0.0358		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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									10	Shantaram Narayan	2.0388	2.0735	0.0347		
									10	Shantaram Narayan	1.5292	1.5637	0.0345		
									10	Sharad Trumbak	0.8899	0.9249	0.0350		
									10	Sharad Vasant	1.4510	1.4868	0.0358		
									10	Sharad Vishnu	2.0067	2.0307	0.0240		
									10	Sharavan Motiram	0.1512	0.1760	0.0248		
									16	Shayam Rao Eko	1.3795	1.4160	0.0365		
									10	Shitaram Dodhu	3.5437	3.5864	0.0427		
									10	Shivaj Sahebrao	1.4005	1.4415	0.0410		
									16	Shivaji Bandu	0.8909	0.9621	0.0712		
									10	Shoan Sarung	0.2210	0.2568	0.0358		
									10	Shoukat Gulab	0.3425	0.3772	0.0347		
									10	Shravan Motiram	0.4210	0.4557	0.0347		
									10	Shri Kant Gaglal	0.4632	0.4910	0.0278		
									10	Shubhash Raghunath	0.0485	0.0799	0.0314		
									10	Shudhash Raghunath	0.1067	0.1281	0.0214		
									10	SOPAN SHANKAR	0.2105	0.2563	0.0458		
									10	Sopan Shanker	1.1468	1.1816	0.0348		
									10	Suamnbai Shalikram	0.0000	0.0214	0.0214		
									16	Sukadu Ramdas	0.9377	0.9711	0.0334		
									10	sunder lal Butiya	0.0000	0.0358	0.0358		
									10	Sununda Bai Arun	0.6094	0.6434	0.0340		
									10	Sununda Bai Shanker	0.9786	1.0026	0.0240		
									10	Supadu Ramdas	1.1658	1.2008	0.0350		
									10	Supadu Ramdas	1.3183	1.3537	0.0354		
									10	SUPADURAMDAS	1.3541	1.3856	0.0315		
									10	Suresh Ramchandra	2.0620	2.0970	0.0350		
									10	Suresh Shaligaram	0.0000	0.0140	0.0140		
									10	Suresh Shalikram	0.9370	0.9620	0.0250		
									10	Vasan Namdev	2.2509	2.2759	0.0250		
									10	Vasant Ramu	0.9424	0.9782	0.0358		
									10	Vasant Rao ji	0.9332	0.9690	0.0358		
									16	Vasunt Namdev	0.7911	0.8135	0.0224		
									10	Vasunt Rao Ji	1.7633	1.7881	0.0248		
									16	VIJAY VISHNU	0.0811	0.1161	0.0350		
									10	Vijay Vishnu	0.4045	0.4400	0.0355		
									10	Vijay Vishnu	0.3506	0.3506	0.0000		
									10	Vikas Vasunt	0.1034	0.1282	0.0248		
									16	Vilas Raghunath	0.9102	0.9342	0.0240		
									10	Vimla Bai Ramlal	2.3070	2.3428	0.0358		
									10	Vimla Bia Trambak	1.1004	1.1352	0.0348		
									10	Vimlabai Pandhari Nath	0.4118	0.4363	0.0245		
									10	Vinaya Shanker	0.4122	0.4464	0.0342		
									10	Vinayak Shanker	0.6245	0.6593	0.0348		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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									10	Vinayak Shanker	0.0080	0.0388	0.0308		
									10	Vinayak Shanker	0.0745	0.0993	0.0248		
									10	Vinod Rajaram	2.3429	2.3777	0.0348		
									10	Visjnu Motiram	0.7576	0.7963	0.0387		
									10	Vittal Madhaw	0.1220	0.1545	0.0325		
									10	W/W	0.5201	0.5201	0.0000		
									10	W/W	1.0573	1.0789	0.0216		
									10	Yadav aanunda	0.4107	0.4322	0.0215		
									10	Yashvant Shenu	0.0000	0.0322	0.0322		
									10	YASHWANT DAGADU	0.3083	0.3240	0.0157		
									10	Yashwant Senu	0.8750	0.8908	0.0158		
										Sub-Total -14			6.275	0.405	6.065
15	O & M Div				Nawra-2	66.79	70.68	3.89						0.2922	7.511568
									10	Ratiram Tukaram	0.042	0.071	0.0293		
									10	Aashabai Ganesh	0.0539	0.071	0.0167		
									10	Anusayabai Rajaram	0.7364	0.766	0.0292		
									10	Arun Sitaram	0.6663	0.695	0.0282		
									10	Arun Sitaram	1.3935	1.425	0.0311		
									10	Arun Sitaram	0.6869	0.711	0.0241		
									10	Babulal Soma	0.463	0.477	0.0141		
									10	Baburao Omkar	0.1665	0.193	0.0264		
									10	Bajirao Gadbad	0.3472	0.353	0.0054		
									10	Baliram Bhika	0	0.000	0.0000		
									10	Baliram Shanker	0	0.000	0.0000		
									10	Balu shanker	0	0.000	0.0000		
									10	Balu Shanker	0.1518	0.187	0.0355		
									10	Balu Sukhlal	0.5065	0.518	0.0112		
									16	Banshi Shanu 1984	0.0869	0.105	0.0183		
									10	Bhagabai Sadu	0	0.000	0.0000		
									10	Bhagirathi Bai Sadu	0	0.000	0.0000		
									10	Bhasker Rajaram	0.0403	0.057	0.0171		
									10	Bhasker Rajaram	2.3213	2.355	0.0335		
									10	Bhkubai Rajaram	0.0842	0.103	0.0189		
									10	Chababai Sakham	0.8726	0.887	0.0141		
									10	Chandra Ban shanker	1.1402	1.155	0.0151		
									10	Changobai Omkar	0.5324	0.548	0.0155		
									10	Dagadu Aanunda	0.4261	0.442	0.0155		
									16	Dagadu Bhau	1.6019	1.625	0.0231		
									10	Dagadu Pandu	0.0832	0.108	0.0251		
									10	Daludigamber	0.8202	0.833	0.0131		
									10	Damantibai Vikash	0.6058	0.622	0.0159		
									10	Darabar Magu	0.0215	0.044	0.0225		
									10	Devkabi TukaRam	0.0419	0.060	0.0176		
									10	Dhannalal Shanker	0.091	0.132	0.0409		
									10	Dhannalal shanker	0.2097	0.210	0.0000		

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									10	Dhrma Galla	2.0012	2.033	0.0319		
									10	Dhrmishta bai	0.0444	0.081	0.0363		
									10	Digamber Dagadu	4.4547	4.482	0.0273		
									10	Dinesh Madhuker	0.2645	0.287	0.0227		
									16	Dole Kha 3098	0.0593	0.088	0.0284		
									16	Dole Kha Umer Kha 5054	0	0.000	0.0000		
									10	Donger Singh Shyamrao	0	0.000	0.0000		
									10	Durgabai kishan	1.546	1.579	0.0334		
									10	Eknath Dhondur	0.1485	0.172	0.0238		
									10	Eknath Gula	1.1445	1.164	0.0195		
									10	Eknath Jankiram	0.071	0.071	0.0000		
									10	Gagaram Lakhram	0.0813	0.101	0.0200		
									10	Ganesh Chunnilal	0.0113	0.011	0.0000		
									10	Ganesh Omkar	1.9955	2.019	0.0237		
									10	GANESH ONKAR	0.4516	0.452	0.0000		
									10	Ganeshram ji	0.0611	0.078	0.0173		
									10	Ganja Vishram	0.3743	0.395	0.0204		
									10	Gayabai Baburao	1.2041	1.227	0.0228		
									10	Gendalal Hiralal	0.0687	0.080	0.0109		
									10	Girdhar Devchand	0	0.049	0.0489		
									10	Girjabai Shanker	0	0.000	0.0000		
									10	Girjabai Tryambak	2.7806	2.819	0.0387		
									16	Goba Senfadu	0.6011	0.638	0.0367		
									10	Gopal Makadu	0.501	0.541	0.0400		
									10	Harchand Kishan	3.4405	3.480	0.0395		
									10	Hari Banshi	0.4591	0.495	0.0361		
									10	Hiralal Motilal	6.8001	6.826	0.0263		
									10	Ishwar Teja	0.082	0.122	0.0401		
									10	Jaganath Sadu	1.9251	1.955	0.0299		
									10	Jairam Namasingh	0.3079	0.340	0.0316		
									10	jaisingh Bhika	0	0.000	0.0000		
									10	Janardhan Ramu	0.3981	0.436	0.0378		
									10	janardhan Ramu	0.9448	0.984	0.0393		
									10	Kadu Kashiram	0.1549	0.155	0.0000		
									10	KADU SHANKAR	1.1273	1.146	0.0188		
									16	kadu Shanker	0	0.000	0.0000		
									10	Kamaabai puramsingh	2.0567	2.093	0.0360		
									10	Kashinath Gadbad	0.6219	0.638	0.0159		
									16	Kashinath Kishan	0.389	0.389	0.0000		
									16	Kashinath Rmakishan	1.1516	1.181	0.0294		
									10	Kashinath Shridhar	0.0854	0.104	0.0186		
									10	Kashinath Sitaram	0.0313	0.050	0.0184		
									10	Kastura Bai Madan	0.3599	0.382	0.0216		
									10	Kaushalyabai Bhagvan	0	0.000	0.0000		

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									16	Kaveribai Heri	0.0248	0.048	0.0227		
									10	Kende Shalikram	0.9964	1.024	0.0280		
									10	KISAN MOJILAL	1.595	1.615	0.0198		
									10	Kishan Dina	1.1412	1.163	0.0221		
									10	Kishan Mojilal	0.2656	0.280	0.0140		
									10	Kishor Sitaram	0.5032	0.517	0.0141		
									10	LAXMAN SANU	1.6655	1.693	0.0271		
									10	Laxman Shanu	0.033	0.059	0.0259		
									10	Lhanu Keshav	0.023	0.036	0.0131		
									10	Lilabai Chunnilal	1.0704	1.111	0.0401		
									10	Lilabai Hiralal	0.7442	0.763	0.0183		
									10	Liladha Nikam	0	0.000	0.0000		
									10	Liladhar Laxman	0.3504	0.374	0.0231		
									10	Liladhar Laxman	1.016	1.048	0.0315		
									10	Lotu Hiraji	0.9628	0.982	0.0193		
									10	Lotu Narayan	1.1869	1.204	0.0173		
									10	Madhuker Ramdas	0	0.000	0.0000		
									10	Mahariya Ramu	0.0405	0.055	0.0145		
									10	Mandabai Champalal	0.0176	0.033	0.0154		
									10	Mangalabai Badulal	0.0539	0.080	0.0257		
									10	Mangilal motiram	0.0094	0.020	0.0105		
									16	Manohar Kishan	0.8727	0.889	0.0167		
									10	Mansaram Budha	0.5105	0.530	0.0197		
									16	Mayaram Gobariya	0.5781	0.578	0.0000		
									10	Milind Jnardan	0.0971	0.116	0.0192		
									10	Mirabai Sadu	0.8248	0.846	0.0210		
									10	Mojilal Bhau	0.022	0.055	0.0325		
									10	Moti Shrawan	0.5497	0.580	0.0302		
									10	Motilal Petu	2.101	2.133	0.0321		
									10	Munshi Bhau	1.324	1.354	0.0299		
									10	Nanibai Kishan	1.1327	1.164	0.0310		
									10	Nanubai Laxman	0	0.000	0.0000		
									10	NARANYA SURSINGH	1.033	1.063	0.0300		
									16	Narayan Mangi	0	0.000	0.0000		
									10	Narayan Sursingh	0.8114	0.834	0.0228		
									10	Nashir kha Bhure Kha	1.8347	1.879	0.0438		
									10	Nilesh Jivram	0.001	0.022	0.0206		
									10	Nimba Namdev	0.2949	0.321	0.0261		
									16	Nimbanam Dev	1.2915	1.292	0.0000		
									10	Nunda Magan	0.418	0.468	0.0501		
									10	Nunu rama	0.4646	0.479	0.0139		
									10	Omkar Sanu	0	0.000	0.0000		
									10	Persu Omkar	0	0.000	0.0000		
									10	Praful Preamchand	0.2309	0.246	0.0153		

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									10	Pream Singh Hari	0.172	0.190	0.0176		
									10	PREMSINGH HARI	0.492	0.518	0.0255		
									10	Prhlad Patel	1.5863	1.601	0.0146		
									10	Prkash Bahgwat	0.4175	0.431	0.0139		
									10	RADHESHYAM MANSAMRAM	0.6978	0.698	0.0000		
									10	Radheshyam Mansara	0.561	0.583	0.0220		
									10	Rajaram Sadu	0.0335	0.055	0.0210		
									10	Rajendara Gopaldas	0.2909	0.313	0.0224		
									10	Rajkumar Laxman	1.055	1.073	0.0177		
									10	Ram Krishna Narayan	0.8352	0.835	0.0000		
									10	Ramdas Omkar	0.6239	0.637	0.0132		
									10	RAMESH MOTIRAM	0.092	0.129	0.0368		
									10	Ramesh Pandharinath	0.7695	0.790	0.0203		
									10	Ramji bvhau	0.429	0.461	0.0320		
									10	Ramlal Zhinga	1.2339	1.252	0.0178		
									10	Ramu Zhiparu	0.7713	0.786	0.0142		
									10	RATILAL HIRALAL	0.6406	0.658	0.0176		
									10	Ravindra Lotu	0	0.000	0.0000		
									10	Ravindra Tryambak	0.6214	0.641	0.0192		
									10	Rekhabai Mohan	1.0032	1.021	0.0174		
									16	Rukhmani Bai Jairam	1.212	1.234	0.0220		
									10	Sadashiv Pandu	2.3812	2.403	0.0220		
									10	Sahuji Motiram	0.665	0.689	0.0238		
									10	Sakharam Goma	4.2219	4.266	0.0442		
									10	Sakubai Motiram	0.5099	0.510	0.0000		
									10	SANGOBAL ONKAR	2.0658	2.100	0.0340		
									16	Santosh Tukaram	0	0.000	0.0000		
									10	Sevakram Jairam	0.4213	0.441	0.0196		
									10	shadashiv Babu	2.3588	2.399	0.0398		
									10	Shailabai Gyandev	0.188	0.203	0.0150		
									16	Shanker Senfadu	0.1898	0.214	0.0244		
									10	Shantaram Ramu	0.2618	0.277	0.0151		
									10	Shantosh Ratan	0.223	0.223	0.0000		
									10	Shanu Mati	0.6769	0.695	0.0180		
									10	Shardabai Premsingh	0.458	0.492	0.0335		
									10	Shatish baburao	0.0769	0.098	0.0210		
									10	Shobharam Damu	1.3639	1.383	0.0186		
									10	Shrad Wasant 2045	0	0.000	0.0000		
									10	Shrawan Kashiram	0.027	0.043	0.0155		
									16	Shriram Rajaram	0.83	0.830	0.0000		
									10	Shubhash Shantaram	0.6555	0.675	0.0190		
									10	Sikander Kha Hire Kha	2.1514	2.170	0.0190		
									10	Sitabai Lachiram	1.1471	1.168	0.0209		
									10	Sitabai Ramu	0.9342	0.956	0.0217		

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									10	Sonaji Kalu	1.1681	1.187	0.0187		
									10	Sopan Namdev 2125	1.2099	1.223	0.0132		
									10	Sopan Namdev 2406	1.0716	1.093	0.0213		
									10	Suresh Ramchandra	0.082	0.102	0.0199		
									10	Tapiram Dhanaji	1.6406	1.671	0.0304		
									10	Tukaram Kashiram	0.7202	0.736	0.0160		
									10	Tukaram Shrawan	0.5024	0.520	0.0173		
									10	Tulsabai Banga	0.7432	0.767	0.0238		
									10	Ujval Ramdas	0.6222	0.650	0.0275		
									10	Ujvalabai Prshant	0.9141	0.944	0.0296		
									10	Vasant Ramu 2157	1.5758	1.597	0.0211		
									10	Vasant Ramu 1625	1.1799	1.201	0.0211		
									10	Vasudev jairam	1.2085	1.238	0.0298		
									10	Vijay Yashwant	1.8131	1.831	0.0176		
									10	Vimalbai Ranjeet	0.4751	0.494	0.0189		
									10	Vinod Rmadas	1.1033	1.103	0.0000		
									16	Vinod Rrajaram	0.5874	0.611	0.0231		
									10	Vishnu Bhiva 91-05-2940	0.0585	0.079	0.0205		
									10	Vithal Jairam	0.9893	1.010	0.0210		
									10	Vitthal Laxman	0	0.034	0.0335		
									16	Yuraj Vaman	0.599	0.625	0.0264		
Sub-Total -15								3.890		Sub-Total -15			3.598	0.292	7.512

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
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16	O & M Div				Haidarpur	16.63	19.41	2.78	10	Bhojram Sonjy	2.6594	2.711	0.0520	0.1593	5.729209
									10	Dalu Digamber	0.2907	0.305	0.0147		
									10	Dwarkabai Maharu	0.5193	0.533	0.0132		
									10	Homa Motiram	0.9996	1.017	0.0170		
									16	Kishan Ganja	0.0799	0.100	0.0197		
									10	Ramdas Baliram	0.0997	0.118	0.0182		
									10	Aanunda Khushal	2.4098	2.410	0.0000		
									10	Ananda Khushal	0.0639	0.064	0.0000		
									10	ANANDA KHUSHAL	0.1091	0.127	0.0180		
									10	Arvind Sevakram	0.2337	0.251	0.0173		
									10	Avchit Ukhardu	0	0.050	0.0500		
									10	Avchit Ukhardu	1.6814	1.710	0.0281		
									10	Bhagvat Khushal	0.4544	0.454	0.0000		
									16	Bhagwat Fakira	3.5183	3.559	0.0406		
									10	Bhagwat Khushal	1.604	1.640	0.0356		
									10	BHASKAR KHEMA;P	1.8705	1.904	0.0339		
									10	Bhasker Khema	0.004	0.025	0.0210		
									10	Bhasker Rajaram	0	0.000	0.0000		
									10	Bojra Sonjy	0.2778	0.306	0.0285		
									10	Chayabai Ramesh	0	0.020	0.0200		
									10	Chetram Halku	1.5036	1.524	0.0202		
									10	Cholidas Vittal	1.1908	1.210	0.0191		
									16	Dagadu Kishan	1.4588	1.480	0.0211		
									10	Dalu Digamber	0	0.000	0.0000		
									10	Dalu digamber	0.0049	0.005	0.0000		
									10	Damoder Devchand	0.0103	0.032	0.0213		
									10	Delip Khushal	0.0265	0.050	0.0235		
									10	Devdas Pandharinath	0.6066	0.628	0.0216		
									16	Devidas Haribhau	0.9086	0.930	0.0215		
									16	Devidas Revaji	0.6833	0.700	0.0167		
									10	Digamber Natthu	0.6013	0.649	0.0477		
									16	Dodhu Shri Dhar	0.3488	0.372	0.0235		
									16	Dodhu Shridhar	1.127	1.189	0.0620		
									16	Eknath jankiRam	0.2407	0.263	0.0218		
									10	Gagabai Tikaram	0.3267	0.348	0.0214		
									10	Ganresh aanunda	0.385	0.385	0.0000		
									10	Girdhar Devchand	6.069	6.080	0.0111		
									10	Girdhar Devchand	0.2132	0.224	0.0108		
									10	Govind Halku	0.2445	0.258	0.0130		
									10	GOVIND HALKU	0.7444	0.760	0.0153		
									10	Govinda Hari	0.1	0.109	0.0090		
									10	Gyandev Bhanudas	0.4088	0.409	0.0000		
									10	Hari Bhu Laxman	0.8577	0.882	0.0238		
									10	Haribhau Laxman	0.3883	0.419	0.0302		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									10	Harishchand Avchit	0.2405	0.248	0.0074		
									10	HEMA JANKIRAM	0.8467	0.847	0.0000		
									10	Hema Jankiram	0.1398	0.155	0.0156		
									10	Jagdish	0.4122	0.412	0.0000		
									10	Janardhan Ramu	0.7916	0.810	0.0188		
									10	Janardhan Sonji	0.0001	0.018	0.0183		
									10	Janardhan Sonjy	0.1679	0.168	0.0000		
									10	Janrdhan Govinda	0.2353	0.235	0.0000		
									10	Janrdhan Namdev	0.6652	0.681	0.0155		
									10	Janrdhan Ramu	0.8784	0.899	0.0205		
									10	Jivram Sadu	0.0806	0.098	0.0172		
									10	Kalu ram Bapu	0.1347	0.160	0.0254		
									16	Kamala Bai Lahanu	0.7275	0.750	0.0229		
									16	kashianth Shridhaer	0.568	0.610	0.0418		
									16	KASHINATH KISHAN	0.3066	0.318	0.0118		
									10	Keshaw Gagaram	0.3836	0.394	0.0104		
									10	Krishna Motiram	0.7619	0.776	0.0142		
									10	Lahu Digamber	0.7981	0.798	0.0000		
									16	Lahu Digamber	0.2429	0.253	0.0097		
									10	Laxman Chudaman	0.067	0.087	0.0204		
									10	Liladhar Eknath	2.6676	2.705	0.0376		
									10	Madhuker Rajaram	0.9883	1.003	0.0143		
									10	Madhuker Raoji	0.8669	0.890	0.0227		
									16	Madhuker Sitaram	0.7868	0.802	0.0151		
									10	Magan Bhavlya	0	0.000	0.0000		
									16	Manohar lahu	1.013	1.063	0.0498		
									10	Milind Shanker	0.3322	0.339	0.0064		
									10	Motilal Budha	0	0.000	0.0000		
									10	Murlidhar Jankiram	0.065	0.079	0.0140		
									10	Narayan Kalu	1.6746	1.692	0.0173		
									10	Nattu Bhika	0.6035	0.624	0.0200		
									10	Nemidas Janardhan	1.4912	1.510	0.0191		
									10	Nivruti Dhodu	1.2269	1.238	0.0113		
									10	Pandhari Babu Free Suplay	0.5784	0.595	0.0170		
									10	Pandhari Nath Shri Dhar	1.1953	1.206	0.0107		
									16	Pandhari Nath Shridhar	1.0169	1.050	0.0331		
									10	Pandharinath naim Dev	1.3387	1.369	0.0300		
									10	Pandharinath Namdev	0.6538	0.689	0.0350		
									16	Pandharinath Vavdhan	0.955	0.972	0.0171		
									10	Pandurang Budho	1.1878	1.202	0.0137		
									16	Pitamber Ukhardu	0.5544	0.578	0.0238		
									10	PRADEEP LAXMAN	0.3678	0.387	0.0194		
									10	Prbhaker Jnardhan	0.4145	0.458	0.0432		
									10	Prdeep Laxman	1.4646	1.481	0.0162		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									16	Prdip Laxman	0.808	0.884	0.0762		
									10	Prem Singh Gurudayal	0.5162	0.528	0.0121		
									10	Prhlad Bhika	0.7432	0.783	0.0394		
									16	Prhlad Gagaram	0.005	0.025	0.0200		
									10	Prkash Bagwat	0.303	0.312	0.0087		
									10	Puransingh ramu	2.3959	2.431	0.0350		
									10	Pushpabai Chandu	1.0497	1.071	0.0216		
									16	PUSHPABAI CHINDU	2.2136	2.248	0.0339		
									10	Rajmal Popatmal	0	0.008	0.0080		
									10	Ramesh aanunda	1.0093	1.022	0.0129		
									10	Ramu Sonu	3.0837	3.115	0.0313		
									10	Revaji Bhagwan	0.193	0.218	0.0248		
									10	Revaji Bhanji	0.9982	1.012	0.0133		
									10	Revaji Bhanji	0.1757	0.200	0.0240		
									10	Sadhnabai Motiram	0.427	0.438	0.0107		
									10	Sakru Devchand	0.8	0.820	0.0199		
									10	Serpanch Garam Panchayat	1.4469	1.459	0.0120		
									10	Serpanch Garam Panchayat	0.2	0.208	0.0082		
									10	Sevak Ram Khushal	1.0949	1.131	0.0357		
									10	ShalikRam Rajaram	0	0.000	0.0000		
									10	shanker Jaganath	1.5318	1.567	0.0350		
									10	Shanker Krishan	2.0126	2.024	0.0110		
									16	Shantaram Magtu	0.3652	0.365	0.0000		
									10	Shardabai Govinda	0.7548	0.798	0.0433		
									10	Shashikant Vasant	0.8398	0.869	0.0295		
									10	Shri Kan Shanker	0.6596	0.686	0.0265		
									10	Sitabai Ganpath	0.5411	0.594	0.0529		
									10	SK. Hamid SK. Karim	0.9985	1.015	0.0165		
									10	Sopan Ramu	0.0297	0.030	0.0000		
									10	Sri Dhar Devchand	0.8774	0.899	0.0216		
									10	SUKHLAL	0.4739	0.498	0.0237		
									10	Sukhlal TC	0.1941	0.207	0.0129		
									16	Umrao Jivram	0.4756	0.476	0.0000		
									16	Umrao Jivram	0.4887	0.489	0.0000		
									10	Vaman Shanker	1.4976	1.518	0.0199		
									10	Vasant Rao ji	0.7726	0.791	0.0183		
									16	Vasant Raoji	1.0434	1.062	0.0188		
									10	Vasant Tikaram	0.0997	0.100	0.0000		
									10	Vathshlal Bai	0.1316	0.150	0.0188		
									10	Vijay Vishnu	0.1842	0.199	0.0146		
									10	Vijaya Bia Shanker	0.4094	0.428	0.0183		
									10	Vishnu Bhiva	0	0.000	0.0000		
									16	Vishnu Bhiva	0.6971	0.720	0.0228		
									10	Vishnu Bhiva	0.7578	0.773	0.0152		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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									10	Vishnu Bhiwa	0.5367	0.549	0.0122		
									10	Vishnu Bhiwa	0.7054	0.739	0.0338		
									16	Vittal Jairam	0.156	0.179	0.0226		
									16	Vittal jairam	0.6322	0.655	0.0224		
									25	BSNL Tawer	0.9523	0.976	0.0233		
										Sub-Total -16			2.621	0.159	5.729
17	O & M Div				Kerpani	6.17	9.47	3.3						0.2087	6.322727
									10	Mohan Gendalal	0	0.000	0.0000		
									10	Aasharam Antu	0.9187	0.937	0.0178		
									10	Akhtar Kha Babu Kha	3.5607	3.592	0.0315		
									10	Akram Kha Babu kha	2.2881	2.288	0.0000		
									10	Alauddin Natthe khan	1.3092	1.337	0.0279		
									10	Amara Mohammed	1.2498	1.275	0.0251		
									10	Babu Bhuriya	0.151	0.170	0.0189		
									10	Babu Kha Noor Kha 2205	0.8791	0.919	0.0400		
									10	Babu Kha Noor Kha 2233	0	0.000	0.0000		
									10	Babu Lal Kunji Lal	0.2647	0.277	0.0120		
									10	Babu Lal Nana	0.2607	0.290	0.0290		
									10	Babu Lal Soma	0.005	0.016	0.0108		
									16	Babulal Punaji	0.004	0.025	0.0212		
									10	Babusa Punasa	0.3906	0.444	0.0534		
									10	Badri Shankar	0.2525	0.270	0.0175		
									10	Balaji Omkar	2.5141	2.525	0.0111		
									16	Banshila Hira	0.6124	0.631	0.0187		
									10	Bashiran Bee Noor Kha	1.5075	1.534	0.0265		
									10	Bhagawan Tukaram	1.0669	1.084	0.0171		
									10	Bhasker Devram	3.6929	3.726	0.0328		
									10	Bhasker Devram 818	1.7629	1.776	0.0128		
									10	Bhaurao Babulal	1.15	1.188	0.0378		
									10	Bhavlya Nanka	1.4888	1.524	0.0347		
									10	Buchchi Bashir	0.0845	0.085	0.0000		
									10	Champalal Bhana	0.5402	0.568	0.0276		
									10	Chand Kha	0.2722	0.289	0.0163		
									10	Chanda Peru	0.6142	0.640	0.0258		
									10	Chanda Sheru	0.1546	0.170	0.0155		
									10	Chandrabhan Gulab	0	0.000	0.0000		
									16	Chote Lal Chandu	0.3177	0.342	0.0243		
									10	Dadu Sanu	0.0251	0.025	0.0000		
									10	Dagdibai Devram	0	0.000	0.0000		
									10	Deelip Omkar	1.3701	1.393	0.0225		
									10	Dhannalal Babu	0.2022	0.213	0.0108		
									10	Faltu Bhetya	0.43743	0.451	0.0137		
									10	Faruk Gulab	0.504	0.548	0.0444		
									10	Feyaj Kha Husain Kha	0.016	0.030	0.0137		
									10	Gaffur Kha Natthe Kha	0.1361	0.146	0.0101		

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									10	Gajanun Vishwnath	0.727	0.744	0.0170		
									10	Gampu Sanu	0.9039	0.904	0.0000		
									10	Gansingh Sukhlya	1.1555	1.186	0.0300		
									10	Geru Falu	1.517	1.553	0.0360		
									10	Golkul Vitthal	1.2699	1.300	0.0301		
									10	Govind Shantosh	0.1458	0.160	0.0142		
									10	Habib Kha shirraj Kha	1.0803	1.100	0.0200		
									10	Hasan Bisya	0.07	0.087	0.0165		
									10	Hiralal Bhau	0.1531	0.173	0.0203		
									10	Jabbar Kale Kha	0.411	0.422	0.0110		
									10	Jaiwantibai Gajanan	0.024	0.060	0.0360		
									10	Jalamsingh Somla	1.43	1.442	0.0122		
									10	Jawahar zhapdiya	0.062	0.076	0.0135		
									10	Kailash Laxminarayan	0.5741	0.597	0.0229		
									10	Kallu Thavriya	0.4191	0.434	0.0152		
									10	Kalu Bhura	0.8305	0.863	0.0328		
									10	Kaluram Kashiram	1.2905	1.303	0.0127		
									10	Kamalabai Jaganath	1.6232	1.666	0.0425		
									10	Kamalabai Kishan	1.3185	1.331	0.0128		
									10	Khema Kalu	0.3898	0.390	0.0000		
									10	Kiran Sharwan	0	0.015	0.0150		
									10	Kmalabai Sudhaker	0	0.000	0.0000		
									10	Kulsan Bee Gaffur Kha	2.2209	2.248	0.0274		
									16	Kulsan Bee Shekh Lal	1.8761	1.902	0.0254		
									10	Lalu Amra	0.3503	0.382	0.0314		
									10	Liyakat Gaffur Kha	0.4221	0.442	0.0201		
									10	Malanbai Gangaram	0.4784	0.507	0.0288		
									10	Manaji Ganpath	2.1984	2.220	0.0218		
									10	Mangal Eliya	2.2979	2.308	0.0104		
									10	Maniram Shankar	2.7204	2.738	0.0179		
									10	Mansaram Hari	2.0011	2.049	0.0477		
									10	Mitharam Hiralal	0.6378	0.659	0.0212		
									10	Mitilal Nana	1.803	1.813	0.0100		
									10	Mo. Husain kha Lal Kha	0	0.020	0.0200		
									16	Mo. Kha Soder Kha	0.7397	0.757	0.0172		
									10	Mohammed Amra	0	0.000	0.0000		
									10	Mohan Motiram	0.9614	0.991	0.0300		
									10	Molana Daowle Kha	0.6608	0.672	0.0109		
									10	Moti Ghisya	0.6417	0.672	0.0302		
									10	Motiram Davla	0.1956	0.206	0.0100		
									10	MOTIRAM SHIVRAM 2169'	0.2296	0.251	0.0212		
									10	Mumtaj Hasan Kha	1.1329	1.151	0.0184		
									10	Mumtaj Kha Babu Kha	1.264	1.291	0.0266		
									10	Nanhe Kha Gulam Ali	1.0477	1.059	0.0115		

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									10	Narayan Bajirao	0.6254	0.662	0.0368		
									16	Nawab Kha Gulab Kha	0.1727	0.242	0.0691		
									10	NawabKha GafurKha	0.002	0.034	0.0320		
									10	NttheKhan Hussain	0.35	0.383	0.0328		
									16	Omkar Shivram	0.0212	0.032	0.0109		
									10	Paparam Shyamlal	0.3989	0.430	0.0312		
									10	Parsu Ghetiya	2.1126	2.143	0.0300		
									10	Parwati bai Ramji	0.4452	0.458	0.0130		
									10	Punjaram Babusa	1.1952	1.221	0.0260		
									10	Pyari Bai Jumma	0	0.029	0.0286		
									10	Rafik Habib	0.998	1.021	0.0226		
									10	Rahimkha Rehman	1.415	1.424	0.0092		
									10	Rajaram Rinku	0.4734	0.495	0.0217		
									10	Raju Bee Babu Kha	0.2748	0.293	0.0181		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl.no	Name of Division	Name of PSS	Voltage Level	PTR Capacity in MVA	Name of Out going 11 KV feeder	A	B	C=B-A	Distribution Transformer Capacity in KVA/Bulk	Distribution Transformer Location/ Code	D	E	F=E-D	G=C-ΣF	% of 11 kv loss wrt input energy
						Initial meter reading at 11 KV side of PSS (LU)	Final meter reading at 11 KV side of PSS (LU)	Energy consumption at 11KV outgoing meter at source end during interval in LU			Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.	11 KV Line loss in LU	
									10	Ramchandra Dina	0.0591	0.085	0.0261		
									10	Ramchandra Mansaram	0.8314	0.853	0.0219		
									16	Ramesh Motiram 983	0.1534	0.174	0.0205		
									10	Ramjan Buchi	4.6127	4.651	0.0383		
									10	Ramjan Khan Hasan Kha	0	0.389	0.3888		
									10	Ramjan Khan Sher Khan	2.0767	2.077	0.0000		
									10	Ramji Sanu	2.1102	2.143	0.0329		
									10	Rasul Hasan 2239	0.9681	0.968	0.0002		
									10	Rasul Hasan 2908	0.7705	0.815	0.0444		
									10	Rasul Hasan 2910	0.277	0.292	0.0153		
									10	Rasul Kha Hasan Kha	0	0.000	0.0000		
									10	Rasul Khan Kalekhan	0.4	0.416	0.0163		
									10	Ratan Singh Ful Singh	0	0.000	0.0000		
									10	Rukhsanabee nasir	0.0185	0.034	0.0150		
									10	Sahdev Narayan	1.1375	1.159	0.0212		
									10	Sajju Ghisiya	1.1712	1.185	0.0134		
									10	Sakina Bee Gaffur Kha	1.8707	1.886	0.0156		
									10	Samoti Bai Laxman	0.3805	0.397	0.0161		
									10	Sanu Jadhaw	0.7062	0.720	0.0140		
									10	Shankar Motiya	0.177	0.196	0.0190		
									10	Shantaram shanker	1.4535	1.478	0.0247		
									16	Sharawan Devram	2.7188	2.778	0.0593		
									16	Shubhash Motiram	0.8807	0.904	0.0237		
									10	Siraj Kha Hasan Kha	0.7777	0.820	0.0420		
									10	Siraj kKha hasan Kha	0	0.000	0.0000		
									10	Sitaram Babu	0	0.000	0.0000		
									10	Sk. Natthu Sk. Nazir	0.001	0.001	0.0000		
									10	Soma Bhau	0.6869	0.716	0.0292		
									10	Subhan Sukhlya	3.1877	3.222	0.0345		
									10	Sunderlal balaji	1.3403	1.352	0.0120		
									10	Thakur Gayan	0.5086	0.528	0.0190		
									10	Umer Kha Peru	2.5391	2.570	0.0309		
									10	versingh Jamsingh	0.4998	0.530	0.0305		
									10	Versingh Sursingh	0.3381	0.349	0.0104		
									10	Yashin Kha Gaffur Kha	0.4944	0.525	0.0305		
									10	Yashoda Bai Bhika	2.7624	2.816	0.0535		
Sub-Total -17								3.300	Sub-Total -17				3.091	0.209	6.323
TOTAL (Sub-Total -1 + Sub-Total - 2 + ... + Sub-Total - 17)								141.389	TOTAL (Sub-Total -1 + Sub-Total - 2 + ... + Sub-Total - 17)				132.285	9.104	6.439
Burhanpur Circle 11KV side Input Energy								315.194	BurhanpurCircle 11 KV line loss wrt total input energy (11KV side)				20.295	6.439	
Burhanpur Circle 33KV side Input Energy								331.956	Burhanpur Circle 11 KV line loss wrt total input energy (33KV side)				20.295	6.114	

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**SUMMARY OF 11KV LINE LOSS ASSESSMENT
OF FOUR SELECTED CIRCLES OF MADHYA
PRADESH STATE**

D) SUMMARY OF 11 KV LINE LOSS OF FOUR CIRCLE OF MADHYA PRADESH STATE						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	11 KV line loss in LU	50.169	52.101	33.401	20.295	155.966
4	% of 11KV line loss w.r.t 11KV side Input Energy	5.618	6.783	6.246	6.439	6.211
5	% of 11KV line loss w.r.t 33KV side Input Energy	5.070	4.250	5.293	6.114	4.907

Percentage of 11Kv Line loss of Madhya Pradesh State w.r.t 33KV side Input Energy is the average 11KV line loss of Selected Circle of Madhya Pradesh State i.e Average 11KV line loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **4.907%**

**LT LINE LOSS ASSESSMENT OF JABALPUR
CITY CIRCLE OF MADHYA PRADESH STATE
(WHERE NO COMMERCIAL LOSS FOUND)**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



E) LT LINE LOSS ASSESSMENT DETAIL OF JABALPUR CITY CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
1	Vijay Nagar	Lamti PSS	33/11KV	11 KV Vijay Nagar Feeder	200	DT/SBIR-2 SBI Resi QTR.--B TYPE	5.17186	5.534	0.36214	MPB90553	30,265	40,926	10,661.40	0.0316354	8.73568
						SBIR-2 SBI RESI QTR.--B TYPE				MPB90155	19,089	24,012	4,922.61		
						SBIR-2 SBI RESI QTR.--B TYPE				MPB90176	28,521	34,411	5,890.26		
						SBIR-2 SBI RESI QTR.--B TYPE				MPB90174	24,696	30,008	5,312.05		
						SBIR-2 SBI RESI QTR.--B TYPE				MPB90554	23,924	30,188.1	6,264.14		
						SUB TOTAL -1									
2	South Division	Bheem Nagar PSS	33/11KV	11 KV Bajriya Feeder	200	DT/Ideal State -5(New)	0.00012	0.5719	0.57178	9200597	30,898	39,608	8,710	0.0586688	10.261
						IDEAL STATE-V				969348	6,023	7,222	1,199		
						IDEAL STATE-V				3850395	7,725	13,803	6,078		
						IDEAL STATE-V				7623913	9,409	9,918	509		
						IDEAL STATE-V				3580398	3,197	7,697	4,500		
						IDEAL STATE-V				303414	9,531	15,230	5,699		
						IDEAL STATE-V				7624969	12,051	12,831	780		
						IDEAL STATE-V				1009363	17,695	22,275	4,580		
						IDEAL STATE-V				3237272	31,379	37,285	5,906		
						IDEAL STATE-V				3238635	12,480	20,376	7,896		
						IDEAL STATE-V				9883288	1,138	1,660	522		
						IDEAL STATE-V				3581675	3,583	5,025	1,442		
						IDEAL STATE-V				151930	5,956	7,954	1,998		
						IDEAL STATE-V				101548	292	1,140	848		
						IDEAL STATE-V				688598	11,510	11,892	382		
						IDEAL STATE-V				122379	18,470	18,732	262		
SUB TOTAL -2								0.5718				51,311.12	0.05867		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
3	North Division	JP Nagar PSS	33/11KV	11 KV JP Nagar Feeder	200	DT/R-4/7/B Bhumi Vikas Bank -2	7.41922	7.95073	0.53151	2075176	1,403	10,966	9,563	0.0650052	12.2303
						R-4/7/B BHUMI VIKAS BANK -2				9855090	5,514	15,851	10,337		
						R-4/7/B BHUMI VIKAS BANK -2				5089910	9,585	12,142	2,557		
						R-4/7/B BHUMI VIKAS BANK -2				9968424	369	2,589	2,220		
						R-4/7/B BHUMI VIKAS BANK -2				5650300	8,835	11,218	2,383		
						R-4/7/B BHUMI VIKAS BANK -2				565100.1	10,708	13,686	2,978		
						R-4/7/B BHUMI VIKAS BANK -2				9450517	1,891	2,720	829		
						R-4/7/B BHUMI VIKAS BANK -2				698554	1,783	3,850	2,067		
						R-4/7/B BHUMI VIKAS BANK -2				1749	28,656	33,595	4,939		
						R-4/7/B BHUMI VIKAS BANK -2				569569	4,638	6,688	2,050		
						R-4/7/B BHUMI VIKAS BANK -2				1816436	502	2,937	2,435		
						R-4/7/B BHUMI VIKAS BANK -2				316129	4,236	6,076	1,840		
						R-4/7/B BHUMI VIKAS BANK -2				9891328	446	2,899	2,453		
	SUB TOTAL -3								0.5315			46,650.48	0.0650052		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
4	East Division	Sai Nath PSS	33/11KV	11 KV Pachpadi Feeder	200	DT/A/72 S/S Near Home Gaurd	2.81964	3.3728	0.55316	29832	64,472	65,478	1006.091	0.0610548	11.0375
						A/72 S/S NEAR HOME GAURD				30726445	12,604	13,485	880.922		
						A/72 S/S NEAR HOME GAURD				9018395	24,466	25,473	1006.768		
						A/72 S/S NEAR HOME GAURD				30727518	14,458	20,473	6015.438		
						A/72 S/S NEAR HOME GAURD				312923	15,914	17,192	1278.489		
						A/72 S/S NEAR HOME GAURD				3581662	8,090	12,782	4692.025		
						A/72 S/S NEAR HOME GAURD				9199689	37,560	55,430	17870.131		
						A/72 S/S NEAR HOME GAURD				30727517	18,777	24,541	5763.746		
						A/72 S/S NEAR HOME GAURD				371397	20,688	25,231	4543.04		
						A/72 S/S NEAR HOME GAURD				3707695	3,735	9,889	6153.869		
SUB TOTAL -4									0.5532			49,210.52	0.0610548		
5	West Division	UKHARI PSS	33/11KV	11 KV Feeder	100	Z-26 KUMBHARE HEALTH CLUB	0.3798	0.78336	0.40356	9198514	16,240	43,942	27701.961	0.032172	7.97205
						Z-26 KUMBHARE HEALTH CLUB				9198510	5,908	15,345	9436.837		
SUB TOTAL -5									0.4036				37,138.80	0.032172	
6	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town	200	DT/E-115 Kailash Automobiles	7.08611	7.616346	0.530236	28659	42,324	52,783	10458.925	0.0528813	9.973
						E-115 KAILASH AUTOMOBILES				9138749	10,547	29,719	19171.531		
						E-115 KAILASH AUTOMOBILES				MEZ01497	4,259	22,364	18105.01		
SUB TOTAL -6									0.5302				47,735.47	0.0528813	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
7	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town	63	DT/E-17 III Russel Chowk	18.2452	18.4652	0.22	310046	5,250	9,875	4624.66	0.017758	8.07182
						E-17 III RUSSEL CHOWK				28328	54,232	69,832	15599.54		
	SUB TOTAL -7								0.2200				20,224.20	0.017758	
8	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town Feeder	100	DT/Near Reliance Web	3.54326	3.79541	0.25215	MPE35055	375,907	399,581	23674.363	0.0154064	6.110
	SUB TOTAL -8								0.2522				23,674.36	0.0154064	
TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +..... + Sub-Total - 8)									3.4245				0.3346	9.770	
TOTAL ENERGY AT DTR SIDE OF JABALPUR CITY CIRCLE) (Energy input at 11KV side at PSS - Energy loss in 11 KV feeders)									842.8742	TOTAL LT LINE LOSS WITH RESPECT TO INPUT ENERGY IN LU			82.3500	9.770	
Jabalpur City Circle 11KV side Input Energy									893.0437	Jabalpur City Circle LT line loss wrt total input energy (11KV side)			82.35	9.221	
Jabalpur City Circle 33KV side Input Energy									989.4585	Jabalpur City Circle LT line loss wrt total input energy (33KV side)			82.35	8.323	
N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															

**LT LINE LOSS ASSESSMENT OF BHOPAL O&M
CIRCLE OF MADHYA PRADESH STATE
(WHERE NO COMMERCIAL LOSS FOUND)**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



E) LT LINE LOSS ASSESSMENT DETAIL OF BHOPAL O&M CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
1	mandideep	mandideep 1	33/11KV	mandi feeder	25	Quippo Telecom Mandi	0.04698	0.07455	0.02757	12567	48457	51074	2617	0.0014	5.07798
	SUB TOTAL -1								0.0276	SUB TOTAL -1			2,617.00	0.0014	5.07798
2	mandideep	mandideep 1	33/11KV	mandi feeder	63	Anandi Wear House	0.99072	1.107375	0.116655	6520	79161	90013	10852	0.008135	6.97355
	SUB TOTAL -2								0.1167	SUB TOTAL -2			10,852.00	0.008135	6.97355
3	mandideep	mandideep 2	33/11KV	new area 1	25	Anjani Pharma	2.25	2.2777	0.0277	21064	21026	22432	1406	0.00167	6.02888
										40770	22337	23534	1197		
	SUB TOTAL -3								0.0277	SUB TOTAL -3			2603	0.00167	6.02888
4	mandideep	mandideep 2		new area 1	63	APOORVA CHEMICAL	1.2492	1.323	0.0738	10716	5439	6867	1428	0.00473	6.40921
										22731	21184	24091	2907		
										22822	11719	14291	2572		
	SUB TOTAL -4								0.0738	SUB TOTAL -4			6907	0.00473	6.40921
5	mandideep	mandideep 2		new area 1	100	BANSAL BRICKS	0.0459	0.140698	0.094798	6490	635246	644220	8974	0.005058	5.33556
	SUB TOTAL -5								0.094798	SUB TOTAL -5			8974	0.005058	5.33556
6	mandideep	mandideep 2		new area 1	200	GEET ENGINEERING	1.521	1.722	0.201	23097	4873	5909	1036	0.02476	12.3184
										40769	14024	18223	4199		
										334	38939	44066	5127		
										2124	4137	4998	861		
										22482	28840	32448	3608		
										17930	64988	67781	2793		
	SUB TOTAL -6								0.201	SUB TOTAL -6			17624	0.02476	12.3184
7	mandideep	mandideep 1		town feeder	100	MPEB COLONY(SANMATI)	2.9622	3.1102	0.148	130047	7091	7961	870	0.01924	13
										143169	8094	8751	657		
										143200	14148	14834	686		
										143340	7563	8403	840		
										143364	5210	5822	612		
										143388	5674	6410	736		
										143390	10559	10988	429		
										142372	688688	692080	3392		
										143157	7139	7648	509		
										3542	21953	22856	903		
										143339	8307	8862	555		
										143510	8913	9809	896		



मेकॉन लिमिटेड
MECON LIMITED
 (A Govt. of India Enterprise)



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location-Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
13	mandideep	mandideep 3		sector B	100	Prem stone	3.46474	3.735862	0.035122	6208	82436	84013	1577	0.002482	7.0668
										29324	4141	4792	651		
										30326	4842	5878	1036		
	SUB TOTAL -13								0.035122	SUB TOTAL -13			3264	0.002482	7.0668
14	mandideep	mandideep 3		sector B	200	Novel Carugater	8.35783	8.65794	0.20011	5320	7876	12886	5010	0.01882	9.40483
										22068	13434	14414	980		
										60537	414105	419667	5562		
										14308	344306	349676	5370		
	SUB TOTAL -14								0.20011	SUB TOTAL -14			12465	0.01882	9.40483
15	mandideep	mandideep 2		AKVN	25	Near 220 KV AKVN	0.124627	0.1944194	0.019567	12956	88370	88880	510	0.002377	12.148
										24776	15583	15887	304		
										26463	6302	6704	402		
										28370	925	935	10		
										28381	1751	1839	88		
										28393	2455	2590	135		
										28411	2495	2565	70		
SUB TOTAL -15								0.019567	SUB TOTAL -15			1232	0.002377	12.148	
16	mandideep	mandideep 2		AKVN	63	Transwic Insulation	0.825627	0.934302	0.008675	18314	10557	11388	831	0.000365	4.20749
	SUB TOTAL -16								0.008675	SUB TOTAL -16			2138	0.000365	4.20749
17	mandideep	mandideep 2		AKVN	100	Jamna Harbale	0.942627	1.1978274	0.035647	15556	72094	74232	2138	0.003387	9.5015
										26451	42162	43128	966		
										31525	2555	2677	122		
	SUB TOTAL -17								0.035647	SUB TOTAL -17			2677	0.003387	9.5015
18	Obedullaganj Division	33/11KV Shahganj (PSS)		11KV Banetha feeder	63	Chakla	5.27673	5.49808	0.2135	5666	13323	14326	1003	0.0235	11.007
										5674	15988	18161	2173		
										5804	4032	5189	1157		
										5795	7430	8558	1128		
										5525	697	2838	2141		
										5532	7201	8209	1008		
										5738	13323	16473	3150		
SUB TOTAL -18								0.2135	SUB TOTAL -18			17164	0.0235	11.007	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
19	Obedullagan j Division	33/11KV Shahganj (PSS)		11KV Banetha feeder	100	Ramakant Bhargar	4.16766	4.53233	0.36467	5535	3075	4163	1088	0.04613	12.6498
										5555	6137	8329	2192		
										5567	11338	21530	10192		
										5632	5598	6779	1181		
										5737	2620	3713	1093		
										5766	3810	4839	1029		
										5767	7816	8424	608		
										5784	2706	3493	787		
										5809	9357	10459	1102		
83653	7655	9836	2181												
	SUB TOTAL -19								0.36467	SUB TOTAL -19			31854	0.04613	12.6498
20	Obedullagan j Division	DHOB		Amon feeder	63	Motilal wali	4.25378	4.50376	0.24998	29798	23370	24105	735	0.03261	13.045
										59237	13530	17435	3905		
										59249	26555	27212	657		
										59250	27107	27302	195		
										59262	48110	48664	554		
										59274	58490	58914	424		
										59286	50510	51142	632		
										59298	31120	39120	8000		
										59304	29720	33937	4217		
95060	27572	29709	2137												
	SUB TOTAL -20								0.24998	SUB TOTAL -20			21737	0.03261	13.045
21	Obedullagan j Division	DHOB		Amon feeder	100	Jhundi wala	7.45782	7.61443	0.33221	60872	10839	16547	5708	0.03334	10.0358
										60884	2305	2615	310		
										5164	11835	14987	3152		
										4643	14310	18476	4166		
										4648	1993	2994	1001		
										4994	16877	18444	1567		
										85881	13373	19501	6128		
										93180	15551	18741	3190		
										93210	209	1209	1000		
93221	9907	11060	1153												

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										93233	20359	21504	1145		
										93245	11759	12817	1058		
										93440	11607	11839	232		
										94997	9727	9804	77		
	SUB TOTAL -21								0.33221	SUB TOTAL -21			29887	0.03334	10.0358
22	Obedullaganj Division	DHOBI		Amon feeder	25 KVA	Bindra Ware house	0.83462	0.92683	0.09221	136980	11976	20796	8820	0.00401	4.34877
	SUB TOTAL -22								0.09221	SUB TOTAL -22			0.0882	0.00401	4.34877
23	Obedullaganj Division	Baktara (PSS)		BAKTARA	63 KVA	BAKTARA W/W	3.52782	3.69948	0.17166		9499	9765		0.01887	10.9927
										40873	2339	2634	266		
										40885	22	2314	295		
										40892	24	920	2292		
										40832	61	524	896		
										41246	12	1226	463		
										42182	22	1074	1214		
										41604	16	2264	1052		
44128	149	6702	2248												
111867		6553													
	SUB TOTAL -23								0.17166	SUB TOTAL -23			15279	0.01887	10.9927
TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +..... + Sub-Total - 23)									2.5791	TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +.....+ Sub-Total - 23)				0.2669	10.349
TOTAL ENERGY AT DTR SIDE OF Bhopal CIRCLE) (Energy input at 11KV side at PSS - Energy loss in 11 KV feeders)									715.9919	TOTAL LT LINE LOSS WITH RESPECT TO INPUT ENERGY IN LU			74.0949	10.349	
Bhopal Circle 11KV side Input Energy									768.0927	Bhopal Circle LT line loss wrt total input energy (11KV side)			74.09	9.647	
Bhopal Circle 33KV side Input Energy									1225.8570	Bhopal Circle LT line loss wrt total input energy (33KV side)			74.09	6.044	
N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**LT LINE LOSS ASSESSMENT OF MORENA
CIRCLE OF MADHYA PRADESH STATE
(WHERE NO COMMERCIAL LOSS FOUND)**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



E) LT LINE LOSS ASSESSMENT DETAIL OF MORENA CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
1	SABALGARH DIVISION	KAILARAS PSS	33/11	KAILARAS CITY 1	100	CHINNU WALA DTR KAI.TOWN 1	3.9084	4.245	0.3366	22907	1312	2812	1500	0.03342	9.9287
						CHINNU WALA DTR KAI.TOWN 1				4399	2378	2518	140		
						CHINNU WALA DTR KAI.TOWN 1				65535	1550	1690	140		
						CHINNU WALA DTR KAI.TOWN 1				52006	1919	2614	695		
						CHINNU WALA DTR KAI.TOWN 1				39919	276400	297068	20668		
						CHINNU WALA DTR KAI.TOWN 1				187975	1165	1290	125		
						CHINNU WALA DTR KAI.TOWN 1				33954	7200	7360	160		
						CHINNU WALA DTR KAI.TOWN 1				35513	54	6799	6745		
						CHINNU WALA DTR KAI.TOWN 1				68986	4200	4345	145		
					Sub-Total -1				0.3366	Sub-Total -1			30318	0.03342	9.9287
					63	HARI SINGH WALA DTR KAI 1	3.8876	4.10025	0.21265	59293	2600	4197	1597	0.02183	10.2657
						HARI SINGH WALA DTR KAI 1				63125	2250	3211	961		
						HARI SINGH WALA DTR KAI 1				64014	5488	7019	1531		
						HARI SINGH WALA DTR KAI 1				40200	3150	5897	2747		
						HARI SINGH WALA DTR KAI 1				62856	88952	96378	7426		
						HARI SINGH WALA DTR KAI 1				59633	10543	11696	1153		
						HARI SINGH WALA DTR KAI 1				37777	1150	4095	2945		
						HARI SINGH WALA DTR KAI 1				62820	3789	4511	722		
					Sub-Total -2				0.21265	Sub-Total -2			19082	0.02183	10.2657
					200	P.D.C. WALA DTR KAILARAS	9.6151	10.321	0.7059	3000	332	5881	5549	0.08279	11.7283
						P.D.C. WALA DTR KAILARAS				32299	5994	12582	6588		
						P.D.C. WALA DTR KAILARAS				54465	2042	4722	2680		
						P.D.C. WALA DTR KAILARAS				2895	7138	9607	2469		
						P.D.C. WALA DTR KAILARAS				18126	1728	11149	9421		
						P.D.C. WALA DTR KAILARAS				37042	5300	6803	1503		
						P.D.C. WALA DTR KAILARAS				37303	2250	2876	626		
						P.D.C. WALA DTR KAILARAS				3577	3677	5493	1816		
						P.D.C. WALA DTR KAILARAS				68688	3203	5119	1916		
						P.D.C. WALA DTR KAILARAS				53254	4638	8571	3933		
						P.D.C. WALA DTR KAILARAS				3565	9938	19753	9815		
						P.D.C. WALA DTR KAILARAS				3024	5089	11740	6651		
						P.D.C. WALA DTR KAILARAS				3541	1109	10453	9344		
					Sub-Total -3				0.7059	Sub-Total -3			62311	0.08279	11.7283



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					100	POSTOFFICE JILA SAH. DTR KA T1	3.2722	3.4475	0.1753	660	6460	6863	403	0.02103	11.9966
						POSTOFFICE JILA SAH. DTR KA T1				34211	656	1196	540		
						POSTOFFICE JILA SAH. DTR KA T1				182953	345	1319	974		
						POSTOFFICE JILA SAH. DTR KA T1				179553	3210	3718	508		
						POSTOFFICE JILA SAH. DTR KA T1				152389	52163	55564	3401		
						POSTOFFICE JILA SAH. DTR KA T1				179401	1575	1899	324		
						POSTOFFICE JILA SAH. DTR KA T1				179437	1219	1599	380		
						POSTOFFICE JILA SAH. DTR KA T1				179395	1751	2124	373		
						POSTOFFICE JILA SAH. DTR KA T1				149380	1158	2568	1410		
						POSTOFFICE JILA SAH. DTR KA T1				179565	494	651	157		
						POSTOFFICE JILA SAH. DTR KA T1				27322	71027	77624	6597		
						POSTOFFICE JILA SAH. DTR KA T1				23717	980	1340	360		
						Sub-Total -4						0.1753	Sub-Total -4		
					200	PURANA BUS STAND WALA DTR K 1	9.37522	10.06422	0.689	108716	1140	17683	16543	0.07357	10.7
						PURANA BUS STAND WALA DTR K 1				179383	2210	17978	15768		
						PURANA BUS STAND WALA DTR K 1				163466	1755	6711	4956		
						PURANA BUS STAND WALA DTR K 1				108273	4450	15577	11127		
						PURANA BUS STAND WALA DTR K 1				108753	3372	16521	13149		
					Sub-Total -5			0.689	Sub-Total -5		61543	0.07357	10.6778		
					25	REJHONI RAOD WALA DTR KAI.TOW1	0.92856	1.01826	0.0897	168208	1693	2752	1059	0.01062	11.8395
						REJHONI RAOD WALA DTR KAI.TOW1				168191	19229	20923	1694		
						REJHONI RAOD WALA DTR KAI.TOW1				168609	195064	200219	5155		
					Sub-Total -6			0.0897	Sub-Total -6		7908	0.01062	11.8395		
2	MORENA I	MORENA PH 33KV S/S MORENA1	33/11KV	NAINAGARH 11KV	63	BHARATI INFATELL LIMITED DTR N	4.4272	4.68399	0.25679	175778	23835	46218	22383	0.03296	12.8354
Sub-Total -7								0.25679	Sub-Total -7			22383	0.03296	12.8354	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					200	VISHAL FURNITURE WALA DTR D DC	11.43712	12.20982	0.7727	30230	9966	11250	1284	0.08543	11.056
						VISHAL FURNITURE WALA DTR D DC				184226	1370	4470	3100		
						VISHAL FURNITURE WALA DTR D DC				161415	387	8852	8465		
						VISHAL FURNITURE WALA DTR D DC				161403	3030	6830	3800		
						VISHAL FURNITURE WALA DTR D DC				161373	2367	5399	3032		
						VISHAL FURNITURE WALA DTR D DC				13189	4670	9440	4770		
						VISHAL FURNITURE WALA DTR D DC				39191	36402	36734	332		
						VISHAL FURNITURE WALA DTR D DC				50848	27910	28769	859		
						VISHAL FURNITURE WALA DTR D DC				91110	32418	45110	12692		
						VISHAL FURNITURE WALA DTR D DC				57200	49295	72330	23035		
						VISHAL FURNITURE WALA DTR D DC				209855	1380	4680	3300		
						VISHAL FURNITURE WALA DTR D DC				206878	1088	5146	4058		
													68727		
						Sub-Total -8				0.7727	Sub-Total -8		68727	0.08543	11.056
3	MORENA I	BADOKHAR 33KV S/S MORENA1		FATAK 11KV FDR	63	CHAMBAL BANK KE SAMNE	4.8585	4.98	0.1215	225782	2210	2725	515	0.02172	17.8765
						CHAMBAL BANK KE SAMNE				53163	6595	7995	1400		
						CHAMBAL BANK KE SAMNE				56188	20049	24330	4281		
						CHAMBAL BANK KE SAMNE				58392	12829	13500	671		
						CHAMBAL BANK KE SAMNE				239069	5144	5958	814		
						CHAMBAL BANK KE SAMNE				91595	44126	44908	782		
						CHAMBAL BANK KE SAMNE				39233	15609	16212	603		
						CHAMBAL BANK KE SAMNE				230418	313	1225	912		
						Sub-Total -9				0.1215	Sub-Total -9		9978	0.02172	17.8765
						KHENCHU WALA SUBHASH NGR FATAK	2.6383	2.895628	0.257328	7440	1998		300	0.031598	12.2793
						KHENCHU WALA SUBHASH NGR FATAK				7487	3993	2298	200		
						KHENCHU WALA SUBHASH NGR FATAK				66637	3	4193	876		
						KHENCHU WALA SUBHASH NGR FATAK				67332	14300	879	120		
						KHENCHU WALA SUBHASH NGR FATAK				95369	566	14420	1126		
						KHENCHU WALA SUBHASH NGR FATAK				95230	2943	1692	100		
						KHENCHU WALA SUBHASH NGR FATAK						3043			

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						KHENCHU WALA SUBHASH NGR FATAK				223323	693	1843	1150		
						KHENCHU WALA SUBHASH NGR FATAK				66741	2	12824	12822		
						KHENCHU WALA SUBHASH NGR FATAK				88037	800	1950	1150		
						KHENCHU WALA SUBHASH NGR FATAK				7475	6289	6639	350		
						KHENCHU WALA SUBHASH NGR FATAK				7451	893	5272	4379		
						Sub-Total -10			0.257328	Sub-Total -10			22573	0.031598	12.2793
					63	RAM LAKHAN WALA DTR F FDR DDC	2.54825	2.693626	0.145376	159803	872	1037	165	0.015206	10.4598
						RAM LAKHAN WALA DTR F FDR DDC				159815	782	924	142		
						RAM LAKHAN WALA DTR F FDR DDC				7165	4739	4889	150		
						RAM LAKHAN WALA DTR F FDR DDC				7177	1349	1529	180		
						RAM LAKHAN WALA DTR F FDR DDC				56139	1686	1836	150		
						RAM LAKHAN WALA DTR F FDR DDC				232580	625	3205	2580		
						RAM LAKHAN WALA DTR F FDR DDC				85693	1360	1500	140		
						RAM LAKHAN WALA DTR F FDR DDC				56772	3365	12315	8950		
						RAM LAKHAN WALA DTR F FDR DDC				91297	2003	2123	120		
						RAM LAKHAN WALA DTR F FDR DDC				90608	990	1140	150		
						RAM LAKHAN WALA DTR F FDR DDC				60106	1007	1147	140		
						RAM LAKHAN WALA DTR F FDR DDC				8662	938	1088	150		
						Sub-Total -11			0.145376	Sub-Total -11			13017	0.015206	10.4598
					63	SCHOOL KE PASS WALA DTR FATAK	0.31538	0.410767	0.095387	7839	1185	1335	150	0.011007	11.5393
						SCHOOL KE PASS WALA DTR FATAK				41343	995	1195	200		
						SCHOOL KE PASS WALA DTR FATAK				66352	1254	1354	100		
						SCHOOL KE PASS WALA DTR FATAK				95795	6921	9559	2638		
						SCHOOL KE PASS WALA DTR FATAK				85334	3781	8931	5150		
						SCHOOL KE PASS WALA DTR FATAK				40971	5	205	200		
						Sub-Total -12			0.095387	Sub-Total -12			8438	0.011007	11.5393

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
4	MORENA I	BADOKHAR PSS	33/11KV	11KV MATA MANDIR FDR.	100	BADOKHAR MATA MANDIR WALA DTR	5.37387	5.61924	0.24537	217256	569	1719	1150	0.0259	10.5555
						BADOKHAR MATA MANDIR WALA DTR				243760	5778	15813	10035		
						BADOKHAR MATA MANDIR WALA DTR				239082	1065	10652	9587		
						BADOKHAR MATA MANDIR WALA DTR				225575	1015	1120	105		
						BADOKHAR MATA MANDIR WALA DTR				219400	131	231	100		
						BADOKHAR MATA MANDIR WALA DTR				219502	558	598	40		
						BADOKHAR MATA MANDIR WALA DTR				225162	604	672	68		
						BADOKHAR MATA MANDIR WALA DTR				225423	326	379	53		
						BADOKHAR MATA MANDIR WALA DTR				225411	1905	2337	432		
						BADOKHAR MATA MANDIR WALA DTR				217621	882	1022	140		
						BADOKHAR MATA MANDIR WALA DTR				217610	1117	1354	237		
						Sub-Total -13			0.24537	Sub-Total -13			21947	0.0259	10.5555
					100	MUNNA DANDOTIYA WALA DTR LM	4.8965	5.31887	0.42237	217130	806	1892	1086	0.05742	13.5947
						MUNNA DANDOTIYA WALA DTR LM				244480	5353	38436	33083		
						MUNNA DANDOTIYA WALA DTR LM				241600	545	1685	1140		
						MUNNA DANDOTIYA WALA DTR LM				238235	403	1589	1186		
						Sub-Total -14			0.422	Sub-Total -14			36495	0.057	13.5947
5	MORENA I	MAYURVAN PSS	33/11KV	11KV REST HOUSE FDR.	16	B S N L TOWER WALA DTR R H FDR	0.84578	0.877925	0.032145	131830	61948	63309	1361	0.003935	12.2414
						B S N L TOWER WALA DTR R H FDR				90427	2353	3553	1200		
						B S N L TOWER WALA DTR R H FDR				114172	205	465	260		
						Sub-Total -15			0.032145	Sub-Total -15			2821	0.003935	12.2414
					100	COMMISSIONOR RESI WALA DTR R H	4.2684	4.65307	0.38467	36664	94	18394	18300	0.04127	10.7287
						COMMISSIONOR RESI WALA DTR R H				12040	6990	19810	12820		
						COMMISSIONOR RESI WALA DTR R H				245070	48642	51862	3220		
						Sub-Total -16			0.38467	Sub-Total -16			34340	0.04127	10.7287

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					200	MANDIR WALA DTR REST HOUSE FDR	6.9213	7.41617	0.49487	208681	345	445	100	0.05094	10.2936
						MANDIR WALA DTR REST HOUSE FDR				176552	3	953	950		
						MANDIR WALA DTR REST HOUSE FDR				195728	1377	2480	1103		
						MANDIR WALA DTR REST HOUSE FDR				227407	6354	48474	42120		
						MANDIR WALA DTR REST HOUSE FDR				227109	298	418	120		
						Sub-Total -17			0.49487	Sub-Total -17			44393	0.05094	10.2936
					25	RAJENDRA RATHOR WALA DTR R H F	1.2456	1.288454	0.042854	71470	1124	2166	1042	0.004264	9.95006
						RAJENDRA RATHOR WALA DTR R H F				129460	3366	3966	600		
						RAJENDRA RATHOR WALA DTR R H F				119194	6493	6914	421		
						RAJENDRA RATHOR WALA DTR R H F				147369	520	960	440		
						RAJENDRA RATHOR WALA DTR R H F				147552	5	225	220		
						RAJENDRA RATHOR WALA DTR R H F				104350	9589	9824	235		
						RAJENDRA RATHOR WALA DTR R H F				123951	24373	25164	791		
						RAJENDRA RATHOR WALA DTR R H F				113234	1580	1610	30		
						RAJENDRA RATHOR WALA DTR R H F				100781	1090	1120	30		
						RAJENDRA RATHOR WALA DTR R H F				103186	2250	2300	50		
						Sub-Total -18			0.042854	Sub-Total -18			3859	0.004264	9.95006
					100	REST HOUSE WALA DTR R H FDR	5.21982	5.6444	0.42458	36720	69834	99334	29500	0.04325	10.1865
						REST HOUSE WALA DTR R H FDR				36731	96203	96703	500		
						REST HOUSE WALA DTR R H FDR				3499	2266	2416	150		
						REST HOUSE WALA DTR R H FDR				3517	468	628	160		
						REST HOUSE WALA DTR R H FDR				3530	2582	2713	131		
						REST HOUSE WALA DTR R H FDR				147916	56	6806	6750		
						REST HOUSE WALA DTR R H FDR				229532	200	256	56		
						REST HOUSE WALA DTR R H FDR				1000072	8775	8975	200		
						REST HOUSE WALA DTR R H FDR				137972	2871	2990	119		
						REST HOUSE WALA DTR R H FDR				3580	1628	1758	130		
						REST HOUSE WALA DTR R H FDR				3529	4929	5079	150		
						REST HOUSE WALA DTR R H FDR				3505	6878	7015	137		
						REST HOUSE WALA DTR R H FDR				77903	2200	2350	150		
						Sub-Total -19			0.42458	Sub-Total -19			38133	0.04325	10.1865

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					200	RISHI YADAV WALA DTR R H FDR	8.01265	8.61638	0.60373	160805	639	1739	1100	0.05978	9.90178
						RISHI YADAV WALA DTR R H FDR				160945	1587	11687	10100		
						RISHI YADAV WALA DTR R H FDR				160994	1208	11308	10100		
						RISHI YADAV WALA DTR R H FDR				160880	1807	12007	10200		
						RISHI YADAV WALA DTR R H FDR				161032	726	11106	10380		
						RISHI YADAV WALA DTR R H FDR				167629	2355	2796	441		
						RISHI YADAV WALA DTR R H FDR				167642	3	9153	9150		
						RISHI YADAV WALA DTR R H FDR				167666	1194	1294	100		
						RISHI YADAV WALA DTR R H FDR				243309	6877	7037	160		
						RISHI YADAV WALA DTR R H FDR				195674	4	1164	1160		
						RISHI YADAV WALA DTR R H FDR				167680	2020	2124	104		
						RISHI YADAV WALA DTR R H FDR				167654	1293	1393	100		
						RISHI YADAV WALA DTR R H FDR				167630	89	1239	1150		
						RISHI YADAV WALA DTR R H FDR				161111	591	741	150		
						Sub-Total -20			0.60373	Sub-Total -20			54395	0.05978	9.90178
					63	SONA GARDEN WALA DTR R H FDR	4.21455	4.434673	0.220123	93775	2290	21330	19040	0.022353	10.1548
						SONA GARDEN WALA DTR R H FDR				37309	5489	5756	267		
						SONA GARDEN WALA DTR R H FDR				143674	1815	1885	70		
						SONA GARDEN WALA DTR R H FDR				36202	23107	23507	400		
						Sub-Total -21			0.220123	Sub-Total -21			19777	0.022353	10.1548
6	MORENA - II	JIGNI PSS	33/11 KV	KAZI BASAI ABADI	25	HARIJAN TISARI PULIYA RASILPUR	1.27489	1.37942	0.10453	97100	2563	3239	676	0.01038	9.93016
						HARIJAN TISARI PULIYA RASILPUR				97226	2736	3626	890		
						HARIJAN TISARI PULIYA RASILPUR				97330	1038	1948	910		
						HARIJAN TISARI PULIYA RASILPUR				98097	275	1485	1210		
						HARIJAN TISARI PULIYA RASILPUR				98073	2635	3276	641		
						HARIJAN TISARI PULIYA RASILPUR				97810	1938	2456	518		
						HARIJAN TISARI PULIYA RASILPUR				97305	1098	2075	977		
						HARIJAN TISARI PULIYA RASILPUR				98115	1937	3044	1107		
						HARIJAN TISARI PULIYA RASILPUR				98188	106	1970	1864		
						HARIJAN TISARI PULIYA RASILPUR				98176	1735	2147	412		
						HARIJAN TISARI PULIYA RASILPUR				98152	4592	4802	210		
						Sub-Total -22			0.10453	Sub-Total -22			9415	0.01038	9.93016

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
7	MORENA I	MAHARAJPURA	33/11	NEW INDUSTRIAL FDR FOR GCDP	63	BADI UDYOG WALA DTR IND.AREA	6.5327	6.689498	0.156798	130400	2245	7286	5041	0.012058	7.69015
						BADI UDYOG WALA DTR IND.AREA				65718	1645	8015	6370		
						BADI UDYOG WALA DTR IND.AREA				146160	2424	5487	3063		
						Sub-Total -23			0.156798	Sub-Total -23			14474	0.012058	7.69015
					200	GOYAL KANKRIT WALA DTR IND.ARE	10.10456	10.953	0.84844	67934	32159	69136	36977	0.09278	10.9354
						GOYAL KANKRIT WALA DTR IND.ARE				39410	129605	139442	9837		
						GOYAL KANKRIT WALA DTR IND.ARE				38510	24712	53464	28752		
						Sub-Total -24			0.84844	Sub-Total -24			75566	0.09278	10.9354
					100	M.P AGRO WALA DTR INDUSTRIES A	9.46124	9.91	0.44876	59172	14000	35800	21800	0.04214	9.39032
						M.P AGRO WALA DTR INDUSTRIES A				125908	6172	9324	3152		
						M.P AGRO WALA DTR INDUSTRIES A				38545	14139	29849	15710		
						Sub-Total -25			0.44876	Sub-Total -25			40662	0.04214	9.39032
					200	M.P. PIPE WALA DTR IND.AREA	9.97328	10.86167	0.88839	136580	8683	56628	47945	0.09321	10.492
						M.P. PIPE WALA DTR IND.AREA				101992	338671	360460	21789		
						M.P. PIPE WALA DTR IND.AREA				38557	22089	31873	9784		
						Sub-Total -26			0.88839	Sub-Total -26			79518	0.09321	10.492
					100	NAGAJI WALA DTR INDUSRIES AREA	8.46219	8.89375	0.43156	36123	467	3908	3441	0.03741	8.66855
						NAGAJI WALA DTR INDUSRIES AREA				72358	4818	12663	7845		
						NAGAJI WALA DTR INDUSRIES AREA				65032	102640	106978	4338		
						NAGAJI WALA DTR INDUSRIES AREA				36482	10515	14990	4475		
						NAGAJI WALA DTR INDUSRIES AREA				109190	31711	34582	2871		
						NAGAJI WALA DTR INDUSRIES AREA				176590	6734	23179	16445		
						Sub-Total -27			0.43156	Sub-Total -27			39415	0.03741	8.66855

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					63	R.K. INDURIES WALA DTR A.B ROA	4.5721	4.82734	0.25524	67922	28504	31115	2611	0.02648	10.3745
				R.K. INDURIES WALA DTR A.B ROA		120780				3528	7069	3541			
				R.K. INDURIES WALA DTR A.B ROA		38338				12438	14388	1950			
				R.K. INDURIES WALA DTR A.B ROA		119923				276	7820	7544			
				R.K. INDURIES WALA DTR A.B ROA		109796				310	3818	3508			
				R.K. INDURIES WALA DTR A.B ROA		38363				16073	18053	1980			
				R.K. INDURIES WALA DTR A.B ROA		111377				400702	402444	1742			
					Sub-Total -28			0.25524	Sub-Total -28			22876	0.02648	10.3745	
TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +..... + Sub-Total - 28)									9.8627	TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +.....+ Sub-Total - 28)				1.0648	10.796
TOTAL ENERGY AT DTR SIDE OF Morena CIRCLE) (Energy input at 11KV side at PSS - Energy loss in 11 KV feeders)									501.3458	TOTAL LT LINE LOSS WITH RESPECT TO INPUT ENERGY IN LU				54.1242	10.796
Morena Circle 11KV side Input Energy									534.7469	Morena Circle LT line loss wrt total input energy (11KV side)				54.12	10.121
Morena Circle 33KV side Input Energy									631.0569	Morena Circle LT line loss wrt total input energy (33KV side)				54.12	8.577
N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															

**LT LINE LOSS ASSESSMENT OF BURHANPUR
CIRCLE OF MADHYA PRADESH STATE
(WHERE NO COMMERCIAL LOSS FOUND)**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



E) LT LINE LOSS ASSESSMENT DETAIL OF BURHANPUR CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					100	Relaince petrol	0.031	0.16334	0.13234	46140	6491	18807	12316	0.00918	6.93668
						Sub-Total-1			0.13234		Sub-Total-1		0.12316	0.00918	6.93668
					300	HP 9A Baharwala	20.53477	20.79	0.25523	10003769	5748	6855	1107	0.03093	12.1185
										11679	65602	66028	426		
										11680	8322	9362	1040		
										11681	1982	2869	887		
										12139	10478	10986	508		
										12786	50147	51882	1735		
										15423	19533	20229	696		
										15674	5544	6926	1382		
										16021	3310	3927	617		
										19972	6581	7520	939		
										24065	82569	82990	421		
										26881	47927	48332	405		
										2691	6066	8069	2003		
										3235	16235	18068	1833		
										35453	12987	13897	910		
										36144	3594	4294	700		
										36736	2343	2966	623		
										46351	5522	6395	873		
										488940	2747	3697	950		
										504154	3253	3840	587		
										519649	983	1755	772		
										546276	510	1425	915		
										637	95451	96324	873		
										9683	61578	62806	1228		
													22430		
						Sub-Total-2			0.25523		Sub-Total-2		0.2243	0.03093	12.1185

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
BURHANPUR CITY	sanwara	HARIRPURA			200	Kamal process II	0.0949	0.3895	0.2946	18332	59640	60930	1290	0.03815	12.9
										22010	4482	5515	1033		
										29696	10549	10999	450		
										29697	2925	3675	750		
										32142	45688	47926	2238		
										32356	6776	7171	395		
										33383	85116	85843	727		
										33444	16812	17328	516		
										34304	19876	20906	1030		
										34878	12693	13229	536		
										34919	2712	3243	531		
										35090	57430	57915	485		
										35091	76997	77874	877		
										35151	7422	8565	1143		
										3557	2060	2768	708		
										37581	43692	44875	1183		
										38997	2210	2881	671		
										41551	4121	4821	700		
										42040	92235	92966	731		
										44155	12830	13856	1026		
										44419	84021	84657	636		
										4459	75748	76723	975		
										44908	15010	15567	557		
										4651	56177	58097	1920		
										491871	54422	54982	560		
										500963	627	1325	698		
										513180	8115	8916	801		
										550954	8297	8997	700		
										550966	873	1250	377		
										552495	4677	5209	532		
										555046	31404	31876	472		
										57126	1125	1522	397		
													25645		
										TOTAL IN LAKHS					
Sub-Total-3								0.2946	Sub-Total-3			0.25645	0.03815	12.9	



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					200	Manish Industries (Kamal process-III)	0.03838	0.34615	0.30777	707349	80629	110020	29391	0.01386	4.5
						Sub-Total-4			0.30777		Sub-Total-4		0.29391	0.01386	4.5
					315	Vishnu process	0.2656	0.798	0.5324	26113	23925	26048	2123	0.06289	11.8
										27141	20854	23371	2517		
										30891	90648	91364	716		
										31047	75657	76713	1056		
										31088	32299	34809	2510		
										33311	419	2399	1980		
										33502	18980	20727	1747		
										33719	35115	35829	714		
										33836	74250	76166	1916		
										33912	2686	4655	1969		
										40557	13934	15185	1251		
										40867	19087	22453	3366		
										42755	81008	85825	4817		
										445629	67938	68915	977		
										44563	99449	101406	1957		
										46955	10506	12061	1555		
										518815	21545	22905	1360		
										6260	87765	94359	6594		
										6779	22260	24589	2329		
										705415	29396	32522	3126		
										7322	1572	3943	2371		
													46951		
										TOTAL IN LAKHS			0.46951		
						Sub-Total-5			0.5324		Sub-Total-5		0.46951	0.06289	11.8

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					100	Reliance Telicom	12.667	12.808	0.141	483394	86360	88526	2166	0.01632	11.6
										495761	1450	2370	920		
										495840	90117	91087	970		
										512590	36931	41939	5008		
										528869	612	1632	1020		
										531765	60257	61955	1698		
										557481	1216	1902	686		
													12468		
										TOTAL IN LAKHS			0.12468		
						Sub-Total-6			0.141	Sub-Total-6			0.12468	0.01632	11.6
					200	Lakhotiya Textile	0.8803	1.125	0.2447	28126	39418	41712	2294	0.02868	11.7
										30580	6909	8422	1513		
										31149	73487	74568	1081		
										34129	51892	52977	1085		
										37514	32871	36455	3584		
										37515	63339	64397	1058		
										37516	52266	54324	2058		
										37518	6258	8993	2735		
										38609	3802	5888	2086		
										43684	21629	23285	1656		
										43728	66908	69360	2452		
													21602		
										TOTAL IN LAKHS			0.21602		
						Sub-Total-7			0.2447	Sub-Total-7			0.21602	0.02868	11.6

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy		
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU			
BURHANPUR CITY	UDYOG-NAGAR	HAMIDPUR A			315	Gardiya Textile	0.2214	0.68	0.4586	26999	61382	63736	2354	0.05816	12.7		
										28211	4902	5597	695				
										28213	80600	84976	4376				
										37223	8248	11489	3241				
										37602	5401	7862	2461				
										37603	7235	20142	12907				
										503915	75120	89130	14010				
													40044				
										TOTAL IN LAKHS			0.40044			0.05816	12.7
					Sub-Total-8			0.4586	Sub-Total-8			0.40044					
					200	Upasana Textile	0.9712	1.2052	0.234	1000099	6728	7588	860	0.02875	12.3		
										1000100	54296	56404	2108				
										11467	6994	8589	1595				
										11526	10539	10749	210				
										18406	229192	231074	1882				
										35032	14338	15669	1331				
										3957	11135	11935	800				
										42855	91445	93185	1740				
										43337	12301	12747	446				
										501013	88618	91193	2575				
										508962	95	525	430				
										541308	4538	4863	325				
										545661	125	744	619				
										549605	210	428	218				
										550528	54089	59475	5386				
													20525				
										total in lakhs			0.20525			0.02875	12.3
					Sub-Total-9			0.234	Sub-Total-9			0.20525					



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					100	Sai Baba Mandir Renuka	0.7177	0.8542	0.1365	542957	65379	68484	3105	0.01309	9.6
										542969	96910	102764	5854		
										545107	2400	4396	1996		
										56869	2102	3488	1386		
													12341		
						Sub-Total-10			0.1365		TOTAL IN LAKHS		0.12341	0.01309	9.6
									2.7371	TOTAL (Sub-Total -1 + Sub-Total - 2 + Sub-Total - 3 +.....+ Sub-Total - 10)				0.3000	10.961
									294.8997	TOTAL ENERGY AT DTR SIDE OF Burhanpur CIRCLE) (Energy input at 11KV side at PSS - Energy loss in 11 KV feeders)				32.3231	10.961
									315.1945	TOTAL LT LINE LOSS WITH RESPECT TO INPUT ENERGY IN LU				32.32	10.255
									331.9555	Burhanpur Circle 11KV side Input Energy				32.32	10.255
										Burhanpur Circle LT line loss wrt total input energy (11KV side)				32.32	10.255
										Burhanpur Circle 33KV side Input Energy				32.32	9.737
										Burhanpur Circle LT line loss wrt total input energy (33KV side)				32.32	9.737

N.B: Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

**SUMMARY OF LT LINE LOSS ASSESSMENT OF
FOUR SELECTED CIRCLE OF MADHYA
PRADESH STATE
(WHERE NO COMMERCIAL LOSS FOUND)**

E) SUMMARY OF LT LINE LOSS OF FOUR CIRCLE OF MADHYA PRADESH STATE						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	LT line loss in LU	82.350	74.095	54.124	32.323	242.892
4	% of LT line loss w.r.t 11KV side Input Energy	9.221	9.647	10.121	10.255	9.673
5	% of LT line loss w.r.t 33KV side Input Energy	8.323	6.044	8.577	9.737	7.642

Percentage of LT Line loss of Madhya Pradesh State w.r.t 33KV side Input Energy is the average LT line loss of Selected Circle of Madhya Pradesh State i.e Average LT line loss of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **7.642 %**

**LT LINE LOSS WITH COMMERCIAL LOSS
ASSESSMENT OF JABALPUR CITY CIRCLE OF
MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



F) LT LINE LOSS & COMMERCIAL LOSS DUT TO THEFT ASSESSMENT DETAIL OF JABALPUR CITY CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
1	Vijay Nagar	Rameshwar am PSS	33/11KV	11 KV SBI Feeder	100	DT/Kum S/S -2	0.21962	0.4885	0.26888	1087994	31985	32122	137	0.0482	17.934
										1353839	12966	13008	42		
										272348	11657	11702	45		
										1353832	4943	4973	30		
										1353830	7047	7111	64		
										3589313	7554	7612	58		
										1085707	11230	11264	34		
										1085715	27883	28068	185		
										2031	11872	11895	23		
										1311272	1535	1586	51		
										2184020	232	254	22		
										3580362	8510	8861	351		
										3580363	4714	4830	116		
										2073066	1256	1293	37		
										7325596	272	318	46		
										7325596	18	79	61		
										2641410	160	186	26		
										176015	11741	11935	194		
										3587530	24900	25970	1070		
										16038	553	583	30		
										3238824	19237	19796	559		
										3239459	1772	1790	18		
										464801	1836	1976	140		
										519633	2234	2333	99		
										3772985	4445	4973	528		
										3848174	390	484	94		
										9920165	98	121	23		
										9968891	1361	1377	16		
										3848986	470	727	257		
										132825	42657	44137	1480		
										517403	2443	2492	49		
										9480099	4024	4190	166		
										9968842	306	347	41		
										1906616	558	579	21		
										3151124	16811	17010	199		
										19867	395	427	32		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										9139243	29890	29911	21		
										9990741	1375	1479	104		
										2073946	589	674	85		
										104303	82	119	37		
										5503686	368	438	70		
										713974	552	646	94		
										133698	2155	2182	27		
										185210	3801	3852	51		
										9666494	1679	1696	17		
										729167	1288	1298	10		
										11008966	2505	2562	57		
										8021968	3799	3868	69		
										3581770	20790	21454	664		
										5652646	61	72	11		
										130545	4331	4596	265		
										5653516	2079	2104	25		
										9480259	3035	3108	73		
										9659122	3583	3800	217		
										51608	15	36	21		
										7105622	44	82	38		
										178641	3458	3580	122		
										526850	626	648	22		
										9498574	983	1022	39		
										477108	383	415	32		
										5089039	499	548	49		
										474127	28	100	72		
										34962	91	157	66		
										3238415	7354	7584	230		
										468157	3526	3610	84		
										17804	4374	4543	169		
										17811	2285	2308	23		
										520184	1097	1241	144		
										518073	3206	3491	285		
										5649344	5017	5101	84		
										608655	1175	1378	203		
										518075	945	1097	152		
										5648541	1132	1177	45		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										3587527	2513	2587	74		
										5648547	3377	3463	86		
										3588643	15370	16166	796		
										518069	1438	1614	176		
										156434	2093	2161	68		
										3236155	33343	33863	520		
										5646971	1924	1974	50		
										3589904	27133	28385	1252		
										5643653	2990	3041	51		
										848151	6352	6386	34		
										181072	4802	4902	100		
										5646493	779	873	94		
										5648206	3979	4126	147		
										9139211	1798	1890	92		
										114306	3196	3241	45		
										5652981	129	180	51		
										5653057	188	204	16		
										609479	1075	1217	142		
										5651516	2136	2179	43		
										181073	3372	3452	80		
										517407	609	624	15		
										5651767	2099	2162	63		
										614025	1078	1105	27		
										3588543	2752	2921	169		
										3589751	7676	8304	628		
										130802	1141	1156	15		
										5705321	5799	5844	45		
										51588	9045	9131	86		
										50931	2653	2753	100		
										3581970	19711	21071	1360		
										3580432	20933	22420	1487		
										7739082	20821	21297	476		
										512638	1458	1473	15		
										3588928	14389	15621	1232		
										714856	96	129	33		
										9881158	513	553	40		
										156024	1032	1063	31		

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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
2	Vijay Nagar	Rameshwar am PSS	33/11KV	11 KV SBI Feeder	200	DT/Kum S/S -1	8.03647	8.395	0.35853	3921041	1075	1115	40	0.08	21.03
										516504	12299	12310	11		
										282934	17829	17844	15		
										3588256	30444	32081	1637		
										2184193	579	610	31		
										162161	200	220	20		
										2072001	4315	4330	15		
										161277	355	379	24		
										782841	4485	4519	34		
										524971	1171	1288	117		
										82257	1601	1650	49		
										1915868	5256	5348	92		
										5478554	1788	1817	29		
										2183661	349	395	46		
										845712	11373	11531	158		
										1718089	3953	4023	70		
										205892	15844	15991	147		
										3848660	750	895	145		
										3151108	23253	23360	107		
										564882	1868	2512	644		
										3589588	10114	10175	61		
										524966	208	218	10		
										456729	42	59	17		
										9198529	24602	25371	769		
										3848664	4685	6800	2115		
										117485	120	161	41		
										3848707	680	987	307		
										150253	4498	4574	76		
										1245	298	332	34		
										8161811	585	615	30		
										9499192	285	300	15		
										9515622	849	889	40		
										3580361	10341	10400	59		
										520050	120	178	58		
										518250	1587	1698	111		
										518067	1032	1153	121		
										9926365	1053	1325	272		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										1818525	87	160	73		
										9465280	1128	1154	26		
										524976	705	794	89		
										204918	11121	11432	311		
										3581765	8199	8590	391		
										191665	3674	3750	76		
										176445	4025	4174	149		
										181809	1754	1791	37		
										614580	116	180	64		
										219013	190	249	59		
										614786	4995	5049	54		
										3848663	1378	1615	237		
										9496678	840	969	129		
										667083	1280	1422	142		
										3712645	4944	5656	712		
										2073979	54	100	46		
										1856618	50	500	450		
										524972	1293	1355	62		
										66044	11743	12033	290		
										5341390	4513	4613	100		
										3080325	6975	7041	66		
										715954	416	686	270		
										5653277	165	189	24		
										9481221	205	275	70		
										21363	7042	7309	267		
										524965	2050	2125	75		
										375251	4253	4315	62		
										5341377	69	109	40		
										16323001	3691	3791	100		
										609461	1508	1651	143		
										526854	660	698	38		
										519978	321	399	78		
										524982	1654	1711	57		
										565117	2326	2340	14		
										524977	2588	2680	92		
										9518848	2345	2530	185		
										9804915	3390	3710	320		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										9805846	830	871	41		
										2073486	89	174	85		
										1862688	136	170	34		
										9659478	670	820	150		
										5336313	5899	5988	89		
										669096	1940	1994	54		
										569132	6419	6625	206		
										1918538	2285	2307	22		
										156432	3008	3046	38		
										476807	789	810	21		
										9887228	2250	2261	11		
										2074610	494	580	86		
										1853990	50	69	19		
										215967	3452	3508	56		
										524969	1275	1472	197		
										5336024	5034	5078	44		
										5336006	2620	2641	21		
										520186	550	575	25		
										357996	4853	4930	77		
										127052	1802	1831	29		
										909615	603	643	40		
										9988218	2580	2910	330		
										476307	1916	1926	10		
										481217	2090	2221	131		
										518247	1271	1280	9		
										1760926	300	432	132		
										94402	2516	2596	80		
										517417	850	920	70		
										5336004	1779	1808	29		
										*9804328	3216	3450	234		
										472372	5130	5184	54		
										1918537	3795	3807	12		
										27315	3840	3873	33		
										569726	4800	4829	29		
										729169	497	634	137		
										524963	1180	1210	30		
										9666461	1531	1586	55		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										5697260	4500	4510	10		
										507680	6447	6580	133		
										509715	13384	13620	236		
										565629	1743	1771	28		
										567468	5342	5360	18		
										565229	5169	5221	52		
										469599	1404	1495	91		
										614023	2008	2370	362		
										526760	286	316	30		
										9666483	490	518	28		
										524970	2285	2351	66		
										110084445	110	140	30		
										11010094	2358	2410	52		
										9465613	922	941	19		
										1156868	4160	4185	25		
										225312	189	197	8		
										5153482	1429	1454	25		
										9884080	1131	1220	89		
										526849	185	201	16		
										476306	120	200	80		
										5856	5622	5642	20		
										3581766	2000	2060	60		
										154623	592	638	46		
										468707	928	955	27		
										468155	19	60	41		
										469587	744	751	7		
										9856843	2002	2053	51		
										610964	660	680	20		
										9666473	30	45	15		
										9970793	2308	2750	442		
										668995	213	220	7		
										219651	1055	1115	60		
										9804444	1354	1370	16		
										357984	4142	4210	68		
										1094521	561	569	8		
										470207	2350	2400	50		
										519965	1131	1152	21		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										155922	2386	2398	12		
										176447	1098	1102	4		
										176927	215	234	19		
										9888684	36	73	37		
										9888677	635	683	48		
										9658769	1519	1696	177		
										9658762	562	610	48		
										9666484	483	483	0		
										715953	738	886	148		
										2074589	554	646	92		
										1763812	877	890	13		
										1760255	260	275	15		
										1773710	120	128	8		
										524979*	2199	2230	31		
										2074338	90	287	197		
										611063	197	205	8		
										9519160	500	533	33		
										116986	3799	3837	38		
										9659134	1536	1586	50		
										1778225	35	210	175		
										1821158	42	121	79		
										669094	9820	9911	91		
										146406	1881	1901	20		
										515398	269	295	26		
										782847	225	258	33		
										16339	1112	1188	76		
										1772641	62	106	44		
										471475	390	400	10		
										130731	2907	3029	122		
										10614545	3199	3317	118		
										715278	150	170	20		
										1778635	320	350	30		
										13444	1004	1014	10		
										524978	2191	2337	146		
										9881150	85	96	11		
										9518521	1826	1860	34		
										9805842	641	678	37		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										2120983	84	114	30		
										520185	4150	4560	410		
										5652752	2140	2146	6		
										662972	1728	1909	181		
										5651179	1432	1446	14		
										608643	9337	10440	1103		
										1817924	1416	1800	384		
										2121112	400	413	13		
										9365201	2664	2740	76		
										157809	7352	7374	22		
										1744464	13665	13791	126		
										614186	1994	2004	10		
										1350812	2674	2676	2		
										1093868	781	793	12		
										1862424	112	193	81		
										114204	1119	1150	31		
										9356211	3242	3249	7		
										1743108	4384	4396	12		
										5091627	933	942	9		
										216657	920	946	26		
										9311529	3004	3094	90		
										9803186	650	663	13		
										9785313	998	1054	56		
										679114	645	920	275		
										1759692	181	251	70		
										9029445	700	714	14		
										1497392	5185	5335	150		
										887241	5635	5671	36		
										181079	896	956	60		
										1916413	482	492	10		
										518082	1342	1358	16		
										9558762	228	280	52		
										1857664	30	45	15		
										628319	5098	5109	11		
										1745913	311	327	16		
										10609852	12961	13102	141		
										196686	1964	1966	2		



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MECON LIMITED
(A Govt. of India Enterprise)



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
3	Vijay Nagar	Rameshwar am PSS	33/11KV	11 KV SBI Feeder		DT/Ravi Karan Society	19.17644	19.5445	0.36806	989368	463	535	72	0.06	17.39
										1941	190	216	26		
										4061603	19	125	106		
										4059921	115	148	33		
										106114265	14319	14406	87		
										1871	606	841	235		
										2117	477	688	211		
										9801336	1622	1877	255		
										6952306	17750	17927	177		
										5513452	25787	25864	77		
										552038	3221	3301	80		
										852598	7386	7662	276		
										3787548	3280	3363	83		
										3691571	13800	14063	263		
										569734	145	204	59		
										3752141	1057	1179	122		
										155902	359	446	87		
										1778877	1057	1215	158		
										129107	3392	3481	89		
										313458	8620	8851	231		
										5349	400	539	139		
										3245	288	600	312		
										156552	77	110	33		
										1003042	4102	4256	154		
										1875	546	864	318		
										193401	10534	10728	194		
										156436	199	346	147		
										10712880	7131	7353	222		
										1212758	2066	2111	45		
										474137	5215	5463	248		
										474287	21760	22065	305		
										9880435	481	501	20		
										9888662	2173	2471	298		
										4059925	0	138	138		
										1314	312	480	168		
										1228995	20115	20489	374		
										10197002	9030	9161	131		

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										3587656	4694	5177	483		
										5730	661	1439	778		
										7227	161	187	26		
										18919	47313	47624	311		
										9894	396	450	54		
										3407208	34484	34918	434		
										R1309880	10440	10819	379		
										9893553	2743	2991	248		
										3785478	14824	15152	328		
										470806	6871	7002	131		
										11011186	2688	2741	53		
										1834	24570	24609	39		
										10614261	24081	24366	285		
										119230	25346	25825	479		
										299309	16972	17430	458		
										3588258	4579	4994	415		
										352390	8729	8830	101		
										235584	4063	4068	5		
										53327	23150	23644	494		
										6470818	173	208	35		
										5048245	4966	5028	62		
										569670	6221	6381	160		
										149456	3800	3901	101		
										729233	541	637	96		
										273327	20199	20628	429		
										R043764	8641	8850	209		
										8646266	7369	7649	280		
										827994	11562	11667	105		
										2989157	7887	7983	96		
										1774879	5165	5211	46		
										151186	9739	10293	554		
										1310698	16247	16519	272		
										351158	13939	13999	60		
										6978111	22265	22609	344		
										17209618	19162	19212	50		
										2988270	37110	37497	387		
										82215	8455	8685	230		



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										324587	13509	13899	390		
										300525	3350	3389	39		
										9805275	4777	4872	95		
										855211	19399	19487	88		
										47082456	2604	2663	59		
										804375	12405	12618	213		
										37348	13017	13081	64		
										10373719	9283	9305	22		
										1645686	2178	2237	59		
										9925679	1606	1861	255		
										1350287	13593	13986	393		
										729174	2490	2525	35		
										12131434	16597	17100	503		
										1937943	8093	8336	243		
										5650542	7025	7487	462		
										662962	1730	1973	243		
										9030956	5194	5745	551		
										169878	19295	19558	263		
										14200535	8759	8822	63		
										3580	16090	16392	302		
										1744223	5303	5734	431		
										187247	5813	5930	117		
										2794905	12300	12396	96		
										3921047	16162	16489	327		
										369874	14403	14591	188		
										3165874	14226	14510	284		
										1670360	7166	7339	173		
										664863	2630	2928	298		
										1641409	26291	26752	461		
										516740	4169	4748	579		
										300513	15181	15542	361		
										5506191	12909	13250	341		
										2183566	16401	16732	331		
										1641237	12794	12973	179		
										132626	17223	17285	62		
										157455	5164	5211	47		
										360056	25130	25226	96		

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Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
4	Vijay Nagar	Rameshwar am PSS	33/11KV	11 KV SBI Feeder		DT/New Jagadamba Colony	28.7075	29.0937	0.3862	125572	4856	4917	61	0.06	15.46
										855317	16183	16193	10		
										855319	5200	5252	52		
										855424	24322	24529	207		
										372141	8472	8561	89		
										8686551	7231	7272	41		
										R 5506558	18872	18887	15		
										2639954	12323	12417	94		
										1973974	9221	9318	97		
										859866	12061	12084	23		
										3223134	11969	11987	18		
										481211	206	232	26		
										170779	9925	9985	60		
										9085129	6303	6386	83		
										84947	5148	5248	100		
										1451539	5197	5249	52		
										855322	2097	2112	15		
										163343	7000	7024	24		
										1010407	5170	5279	109		
										987801	14379	14530	151		
										1228744	9427	9613	186		
										387874	6621	6705	84		
										1646859	7377	7450	73		
										5459626	30787	30813	26		
										4603	1289	1533	244		
										61626669	10856	10995	139		
										959493	12091	12237	146		
										113745	4162	4251	89		
										715674	1032	1158	126		
										695810	12777	12840	63		
										551317	18788	18848	60		
										880972	38498	38799	301		
										1640546	11009	11241	232		
										553853	13615	13694	79		
										880895	24257	24444	187		
										5654545	11426	11628	202		
										50907371	1140	1171	31		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										7622	21826	21989	163		
										783328	8980	9113	133		
										468589	5072	5089	17		
										2794296	8571	8584	13		
										915652	5240	5276	36		
										9921893	1198	1301	103		
										5666873	9821	9868	47		
										306826	12369	12507	138		
										R 664866	1834	1861	27		
										59275	9769	9905	136		
										3222721	11853	11943	90		
										5048230	8732	8807	75		
										536308	12733	12927	194		
										196728	9530	9665	135		
										5649139	1050	1056	6		
										89932	9180	9192	12		
										R 5154882	9701	9773	72		
										9365214	15489	15671	182		
										350000	6915	6966	51		
										150345	1387	1509	122		
										1862426	32	48	16		
										178551	4593	4686	93		
										537129	9495	9543	48		
										8646227	12580	12675	95		
										570711	7738	7796	58		
										262631	6804	6836	32		
										204516	7719	7841	122		
										8853612	10961	10984	23		
										220050	6181	6360	179		
										360629	6675	6753	78		
										5630009	4360	4408	48		
										5471195	20664	20691	27		
										1186914	12589	12651	62		
										161283	13987	14178	191		
										3046058	13212	13254	42		
										319978	6496	6509	13		
										5464676	2052	2081	29		

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										R 1011207	1659	1723	64		
										888597	5855	5980	125		
										5694655	3783	3858	75		
										298477	8963	8985	22		
										119016	28480	28591	111		
										6623079	7170	7206	36		
										472015	10381	10454	73		
										5091800	5265	5286	21		
										11007665	7549	7710	161		
										9857855	466	516	50		
										2640467	15025	15108	83		
										855808	16814	16924	110		
										365356	19360	19433	73		
										215969	5256	5343	87		
										880411	14039	14069	30		
										3164395	22954	23083	129		
										5507166	5503	5521	18		
										496562	9871	9957	86		
										121419	21236	21397	161		
										121594	18962	19081	119		
										9199352	102462	102773	311		
										58710	8137	8148	11		
										158032	4993	5113	120		
										1352227	12040	12061	21		
										1926	12898	13042	144		
										847229	6507	6564	57		
										847220	33451	33629	178		
										1761353	997	1085	88		
										1605725	15466	15633	167		
										847232	19745	19873	128		
										209779	16324	16406	82		
										R 11009444	7640	7661	21		
										11011487	7260	7357	97		
										219442	7632	7786	154		
										837084	10165	10292	127		
										24727	12391	12592	201		
										1624350	11371	11514	143		

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										3772481	1110	1307	197		
										129635	10157	10407	250		
										562314	7192	7255	63		
										614916	2912	3058	146		
										10715983	18653	18836	183		
										*668224	3779	3911	132		
										1268736	17598	17695	97		
										651506	7664	7759	95		
										20096	9152	9216	64		
										170021	13910	13969	59		
										650182	6107	6131	24		
										3227411	30018	30241	223		
										5705614	8078	8149	71		
										702206	6027	6065	38		
										66370	295	313	18		
										73666	11325	11365	40		
										300010	12135	12230	95		
										5044793	12491	12548	57		
										9894326	1244	1286	42		
										184385	32	78	46		
										314181	13462	13680	218		
										81542	15405	15600	195		
										318944	11652	11669	17		
										117622	6367	6469	102		
										5533269	18574	18700	126		
										52479	10331	10450	119		
										17415013	8357	8442	85		
										50030	8943	9006	63		
										3898741	10729	10822	93		
										1936156	5543	5650	107		
										730237	2119	2205	86		
										10048186	20328	20430	102		
										3201	17613	17736	123		
										769135	24475	24651	176		
										2121465	617	754	137		
										8161980	2732	2761	29		
										154146	7715	7736	21		

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										172887	3998	4008	10		
										207482	663	709	46		
										1008009	4355	4419	64		
										1042513	2573	2652	79		
										847228	16604	16764	160		
										125847	65338	66352	1014		
										R 1773469	5743	5785	42		
										9888667	5044	5155	111		
										740000	9846	9900	54		
										1669914	9189	9289	100		
										358447	2136	2169	33		
										9805850	5036	5232	196		
										5649535	4617	4666	49		
										314140	3467	3574	107		
										1761139	45	50	5		
										255324	13934	13949	15		
										9893220	1862	1972	110		
										883570	21373	21495	122		
										299744	16230	16310	80		
										802448	12439	12516	77		
										474285	13128	13280	152		
										565886	9517	9584	67		
										133134	5737	5913	176		
										219232	6553	6747	194		
										5706022	12257	12344	87		
										371918	4440	4469	29		
										3708245	950	1158	208		
										1817933	615	723	108		
										749463	24421	24593	172		
										614715	7463	7726	263		
										198819	1192	1238	46		
										5505590	3795	3796	1		
										9880411	1320	1400	80		
										3712443	743	756	13		
										3222539	12675	12815	140		
										3237755	7640	7690	50		
										194034	5460	5460	0		



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										5651380	6805	6830	25		
										327448	9202	9248	46		
										6464620	2459	2485	26		
										6915884	3291	3296	5		
										315405	9208	9322	114		
										5226744	665	750	85		
										1229308	7385	7431	46		
										323937	8069	8069	0		
										373970	8776	8890	114		
										120593	13901	14077	176		
										333554	1738	1757	19		
										5044534	6678	6806	128		
										5651429	9554	9635	81		
										5651775	5120	5190	70		
										9881896	563	580	17		
										219484	1626	1671	45		
										1939685	9358	9486	128		
										50702	5389	5567	178		
										5141730	12520	12779	259		
										515399	1130	1165	35		
										9519170	8826	8927	101		
										100505	2077	2157	80		
										1355	32419	32775	356		
										17087	16038	16186	148		
										5533377	13358	13432	74		
										569931	8106	8163	57		
										195864	11152	11231	79		
										802500	16185	16321	136		
										9890310	4642	4969	327		
										221156	903	932	29		
										101074	4613	4752	139		
										2481416	9276	9402	126		
										1892711	7102	7175	73		
										5341386	372	382	10		
										5653174	6369	6522	153		
										5089537	8608	8649	41		
										420426	3314	3382	68		

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										5703166	9256	9555	299		
										9516746	2916	3039	123		
										9517860	5596	5806	210		
										3045959	25186	25439	253		
										3708488	22295	22726	431		
										768454	24328	24433	105		
										65655	32470	32563	93		
										1957737	10327	10490	163		
										505588	3870	3973	103		
										148855	17153	17165	12		
										883594	21231	21394	163		
										10463094	9764	9779	15		
										5513458	9390	9396	6		
										156521221	13278	13460	182		
										R 5538048	28280	28515	235		
										9893237	2218	2336	118		
										2988250	10543	10577	34		
										5705280	19750	20484	734		
										1645324	6040	6064	24		
										R 252219	6018	6060	42		
										2641305	27558	27665	107		
										236539	8990	8996	6		
										882464	16291	16398	107		
										3580430	5994	6415	421		
										369547	8778	8791	13		
										372378	12516	12554	38		
										8677958	10994	11207	213		
										222029	5206	5307	101		
										1310792	9991	10040	49		
										269895	10201	10499	298		
										9092873	2025	2058	33		
										272197	25978	26218	240		
										189547	7664	7884	220		
										272199	19001	19114	113		
										272216	15458	15549	91		
										R 272196	14992	15047	55		
										272207	16917	16985	68		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										273202	8859	8929	70		
										272209	13983	13993	10		
										5467826	6146	6215	69		
										5469252	15526	15701	175		
										11403	13890	13966	76		
										121186	10814	10853	39		
										190997	3184	3192	8		
										5044758	8978	9020	42		
										5147769	6453	6538	85		
										184191	2798	2822	24		
										130786	2414	2466	52		
										3231737	8283	8451	168		
										855318	11505	11584	79		
										855329	7991	8030	39		
										902922	7386	7446	60		
										3587658	3740	3873	133		
										460576	29517	29712	195		
										767559	30092	30198	106		
										859705	22146	22264	118		
										300910	19074	19249	175		
										24302	7944	8014	70		
										473000	5302	5302	0		
										2598583	9268	9329	61		
										2598581	987	997	10		
										459854	15	77	62		
										9892849	3116	3173	57		
										471506	6379	6459	80		
										678143	1460	1543	83		
										6980121	512	551	39		
										193969	13993	14357	364		
										270759	6194	6326	132		
										1817917	851	1077	226		
										450575	1795	1872	77		
										126874	18369	18426	57		
										847214	2339	2346	7		
										258210	12277	12356	79		
										9893226	2080	2216	136		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										5585572	16254	16266	12		
										209306	10702	10841	139		
										7120011	3685	3765	80		
										95284	17785	17938	153		
										3625654	36661	37045	384		
										218738	5288	5464	176		
										370046	23549	23748	199		
										5342	663	842	179		
										5534208	590	596	6		
										236584	1798	1811	13		
										568546	492	511	19		
										220041	5012	5137	125		
										R 678083	1052	1144	92		
										178643	6604	6734	130		
										5088390	9722	9768	46		
										300757	5062	5085	23		
										66607	1558	1655	97		
										177899	7557	7587	30		
										9518534	2203	2314	111		
										9804240	3119	3192	73		
SUB TOTAL -4									0.3862				32648	0.06	15.46

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
5	Vijay Nagar	Lamti PSS	33/11KV	11 KV Ekta Nagar Feeder	200	DT/K-25 Vijay Nagar	18.86832	19.2337018	0.36538177	3580856	3042	3547	505	0.0578	15.820
										5591290	6258	6844	586		
										104277	13556	14262	706		
										3581568	9216	10121	905		
										3238592	15517	16838	1321		
										883318	10112	10524	412		
										679111	627	1033	406		
										47590	20782	21068	286		
										116829	772	955	183		
										122289	1628	1914	286		
										529645	2080	2390	310		
										566471	726	1012	286		
										8989005	24046	25426	1380		
										309965	29215	30054	839		
										3238973	17340	19148	1808		
										3707455	4976	5765	789		
										3772453	900	1775	875		
										3239427	9495	10593	1098		
										215767	2811	3081	270		
										41271	2499	2885	386		
										11008906	9037	9372	335		
										11017392	10510	10797	287		
										3239056	6729	7112	383		
										736521	7191	9122	1931		
										9970811	5215	7718	2503		
										9196434	811	1073	262		
										3235829	7610	8010	400		
										3236151	3179	3424	245		
										102823	3549	3786	237		
										9987902	1450	1729	279		
										9803853	1970	2169	199		
										9804223	529	705	176		
										525810	926	1175	249		
										95686	8998	9466	468		
										1916419	3982	4095	113		
										2703031	658	868	210		
										883583	7799	7938	139		

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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
6	Vijay Nagar	Lamti PSS	33/11KV	11 KV Ekta Nagar Feeder	200	DT/K-30-2 Vijay Nagar	6.447	6.79656019	0.34956019	5150171	2508	2586	78	0.06333	18.117
										131139	22401	22668	267		
										10705592	28610	29043	433		
										10705884	698	730	32		
										9658758	2482	2924	442		
										5341385	11377	11746	369		
										1034837	32593	33088	495		
										749933	8680	9011	331		
										10631256	24602	24825	223		
										5701018	12235	12335	100		
										26	12850	13194	344		
										9518546	5459	5619	160		
										6859630	4365	4422	57		
										11007691	363	924	561		
										1918983	4282	4323	41		
										827118	7975	8171	196		
										9971185	1075	1351	276		
										104834	6965	7369	404		
										941437	6018	6205	187		
										3222546	7634	7910	276		
										265706	11715	11845	130		
										5336329	7979	8218	239		
										7403448	17309	17519	210		
										7402983	12594	12665	71		
										158203	15207	15234	27		
										517915	4410	5074	664		
										517029	3210	3983	773		
										5335454	3952	4098	146		
										694271	29445	29543	98		
										133132	2830	3158	328		
										3772984	2296	2634	338		
										9029481	22828	23540	712		
										5044789	14192	14324	132		
										568967	5648	5851	203		
										9093102	1926	2341	415		
										746592	30886	31198	312		
										3580719	9603	9831	228		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										126640	10510	10943	433		
										4455454	11015	11439	424		
										5047596	21410	21868	458		
										10955678	18860	19270	410		
										9854410	6944	7555	611		
										6352142	4594	4779	185		
										221765	1553	1653	100		
										7402718	38385	39042	657		
										189613	21275	21583	308		
										1604062	3380	3453	73		
										6983488	3864	4037	173		
										470204	1250	1337	87		
										473761	7543	7969	426		
										30728430	25345	25778	433		
										714242	1146	1520	374		
										95374	8544	8820	276		
										1	1773	2293	520		
										452925	8440	8588	148		
										1501859	3200	3428	228		
										156279	1766	1953	187		
										8368245	7717	8378	661		
										1289372	14555	14747	192		
										2015302	11682	11926	244		
										3215417	7076	7471	395		
										104181	2746	2992	246		
										371908	10290	10776	486		
										567854	15806	16244	438		
										5336387	4137	4274	137		
										3236984	1518	1810	292		
										864740	9035	9322	287		
										2640772	7023	7151	128		
										9880414	4376	4916	540		
										612194	1850	1941	91		
										9498879	3188	3432	244		
										372149	27008	27831	823		
										525191	6872	7168	296		
										9363211	5930	6210	280		

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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
7	Vijay Nagar	Lamti PSS	33/11KV	11 KV Ekta Nagar Feeder	200	DT/SN -60 Saket Nagar S/S	25.43181	25.8797	0.44789	178557	2636	2797	161	0.07867	17.565
										9922438	1798	1983	185		
										26427	7341	7390	49		
										118089	6862	7081	219		
										118231	2867	2988	121		
										3238826	11834	12685	851		
										2794783	9980	10152	172		
										176776	5882	6168	286		
										11016361	8310	8617	307		
										18259	12945	13585	640		
										16508	6423	6606	183		
										473931	4146	4312	166		
										151515	4526	4664	138		
										130760	7481	8511	1030		
										884980	132	234	102		
										5470978	22249	22435	186		
										6613725	7735	7848	113		
										45297	17361	17561	200		
										472890	18271	18568	297		
										1918761	10393	10636	243		
										517876	2837	2939	102		
										9465706	1398	1448	50		
										28741	7289	7460	171		
										216672	5076	5200	124		
										9801325	9711	9865	154		
										668986	1671	1909	238		
										2121468	389	593	204		
										19254	39764	39912	148		
										1853725	150	379	229		
										1857661	643	896	253		
										1025590	68099	68425	326		
										5706226	7271	7473	202		
										9517333	2154	2293	139		
										1050677	4315	4625	310		
										5148839	9399	9603	204		
										3580832	6378	6833	455		
										9092242	3055	3249	194		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										5183481	8008	8110	102		
										9886558	2394	2607	213		
										5635359	2999	3249	250		
										1760772	1900	2100	200		
										6171	10300	10513	213		
										474286	120	249	129		
										17944	5960	6090	130		
										3713537	633	789	156		
										3714057	923	1109	186		
										2072576	900	1131	231		
										3772490	145	458	313		
										3707454	6158	6349	191		
										9891127	1011	1130	119		
										107031	5191	5310	119		
										318750	7112	7349	237		
										5150054	11788	12029	241		
										54718	9510	9681	171		
										300517	14007	14211	204		
										1669701	12564	12817	253		
										1054613	6934	7028	94		
										9888925	1829	1994	165		
										470503	20022	20258	236		
										1917057	18318	18791	473		
										24554	18411	18872	461		
										567051	18471	18916	445		
										614717	4581	4883	302		
										3870369	10153	10725	572		
										219177	6878	6980	102		
										6935463	9233	9314	81		
										1938551	8284	8402	118		
										3236898	7172	7492	320		
										9923711	1078	1155	77		
										9882280	11149	13040	1891		
										3740144	7044	7311	267		
										2073972	444	549	105		
										885828	2771	2916	145		
										375875	7829	7939	110		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										14822	9477	9598	121		
										473728	181	346	165		
										470758	7943	8088	145		
										3580818	8422	8911	489		
										1054401	15234	15496	262		
										9199378	14248	14781	533		
										5088367	5672	5789	117		
										5706218	9225	9424	199		
										327442	13391	13512	121		
										5149073	5372	5510	138		
										141293	11606	11733	127		
										3232217	16009	16550	541		
										615051	2466	2593	127		
										6934449	1081	1264	183		
										3078499	37558	38444	886		
										11111111	12058	12430	372		
										308030	6736	6926	190		
										457952	3981	4129	148		
										819665	1349	1550	201		
										185430	1672	1827	155		
										8161988	6550	6854	304		
										9990699	959	1004	45		
										517946	2398	2569	171		
										2072575	2096	2573	477		
										3848828	145	296	151		
										3848831	141	210	69		
										1860756	55	133	78		
										57155454	6006	6352	346		
										8555313	11865	12159	294		
										4060460	0	112	112		
										5459	728	1288	560		
										5454	50	991	941		
										121489	129	194	65		
										1617183	6773	6924	151		
										104044	10724	11129	405		
										3587883	3013	3104	91		
										2698085	9192	9311	119		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										1223986	7900	7954	54		
										736538	2032	2265	233		
										1760288	265	302	37		
										9807953	2710	2864	154		
										34293263	19805	20141	336		
										1820151	60	91	31		
										215056	2795	3018	223		
										10215056	4216	4256	40		
										107072	21342	21686	344		
										9497785	3662	3820	158		
										3077666	9918	10041	123		
										5705287	13513	13632	119		
										17415017	18147	18370	223		
										3736225	2905	2947	42		
										157457	9946	10246	300		
										3715644	141	635	494		
										1945658	2145	2183	38		
										9803190	2936	3077	141		
										323089	16453	17157	704		
										524555	1817	1961	144		
										150344	2361	2498	137		
										158607	5300	5547	247		
										220261	5493	5797	304		
										1819063	387	468	81		
										729223	1075	1109	34		
										-301073	7198	7263	65		
										3547571	1048	1120	72		
										2121107	403	562	159		
										4564564	15951	16086	135		
										4564654	8127	8390	263		
										11008935	5574	5775	201		
										408596	10853	11184	331		
										115608	6855	7093	238		
										1916131	6930	7245	315		
										4564564	15184	15585	401		
										456456	14570	14740	170		
										3580431	6673	7421	748		



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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										3589997	4299	4462	163		
										3588431	263	900	637		
										3587657	1981	2042	61		
										3587659	1056	1260	204		
										3588639	1499	1506	7		
										3588637	226	566	340		
										9658777	5000	5605	605		
										3588642	1124	1416	292		
										3588753	2122	2693	571		
										35889779	37770	43206	5436		
										9785333	2508	2860	352		
										667091	915	1476	561		
									0.3079				26169	0.05	15.01
9	Vijay Nagar	Lamti PSS	33/11KV	11 KV Ekta Nagar Feeder	200	DT/K-10 Satae Bank ATM	33.9794	34.5325	0.5531	176204	4634	4816	182	0.1057	19.111
										3230892	23723	26308	2585		
										MPB90377	46343	52829	6486		
										MPB90466	64367	72592	8225		
										474134	1045	1208	163		
										3588450	6721	8442	1721		
										95134	9399	9441	42		
										3588927	13051	15007	1956		
										614942	216	341	125		
										3587525	125	165	40		
										107192	60	212	152		
										3708244	4607	7610	3003		
										3712900	3540	3667	127		
										3772998	2351	2469	118		
										847224	8699	8764	65		
										323232	19016	19269	253		
										9519171	510	611	101		
										60930R	15755	15958	203		
										53210	19850	20484	634		
										5505972	27420	28231	811		
										11011644	100	163	63		
										MEZ01013	5877	7448	1571		
										1862423	132	1572	1440		
										477120	3494	5163	1669		

मेकॉन लिमिटेड
MECON LIMITED
(A Govt. of India Enterprise)



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										158875	8203	8300	97		
										23843	8810	8979	169		
										270042	4629	4798	169		
										517903	1690	1890	200		
										3708509	5690	6157	467		
										3236798	12810	13287	477		
										1820438	800	1088	288		
										9807966	3808	4333	525		
										9807964	420	491	71		
										3843606	4423	4560	137		
										3587878	9251	9850	599		
										9139275	81702	83019	1317		
										3239059	500	559	59		
										9515165	4272	4350	78		
										3580829	3482	3536	54		
										3581282	12967	13823	856		
										9988553	609	654	45		
										1763796	684	750	66		
										1763870	2595	3315	720		
										1760289	404	521	117		
										3830	1490	1758	268		
										3823	1620	1712	92		
										783333	795	866	71		
										10451396	16583	16721	138		
										10558582	15506	15618	112		
										568817	7449	7830	381		
										9894303	3569	3851	282		
										9988697	2400	3079	679		
										667081	1490	1647	157		
										R3580817	8520	8986	466		
										716017	7690	7874	184		
										662690	3075	3492	417		
										395874	15266	15313	47		
										3235102	18620	19481	861		
										3589582	1830	1957	127		
										215632	12326	12637	311		
										3580486	6590	7296	706		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										23735	3951	4255	304		
										23775	17393	17488	95		
										3235104	26090	26824	734		
										3239059	18752	18820	68		
										1819061	240	340	100		
										2074591	970	1165	195		
										3238414	9460	10032	572		
										971087	5215	5386	171		
										477111	3600	3939	339		
										2073048	146	202	56		
										9512016	9933	10049	116		
										5512114	16899	17087	188		
										3580843	4630	5068	438		
										520048	2670	2952	282		
										1778630	150	206	56		
										3587653	4484	4761	277		
										180902	1145	1223	78		
										182536	5291	5514	223		
										1054336	13972	14410	438		
										731828	1921	2092	171		
										120581	9800	9892	92		
										3707458	3440	3708	268		
										3716235	15458	15560	102		
										117624	6430	6609	179		
										2567	1202	1442	240		
										1054362	25370	26062	692		
										9923714	3427	3668	241		
										3238975	76965	78802	1837		
										3237955	11457	11515	58		
										667697	1362	1786	424		
										666878	603	699	96		
										667684	575	624	49		
										667698	1765	2036	271		
										216317	24	100	76		
										667686	901	1199	298		
										667683	772	933	161		
										667692	644	758	114		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										667681	850	988	138		
										1864871	154	288	134		
										667690	2050	2334	284		
										667695	660	767	107		
										666078	1131	1406	275		
										666065	1191	1318	127		
										666062	1805	1883	78		
										869684	1217	1285	68		
										667682	1621	1823	202		
										666079	890	949	59		
										666074	724	857	133		
										668844	534	661	127		
										1761343	152	235	83		
										666066	348	457	109		
										668860	805	996	191		
										667687	575	681	106		
										668856	410	459	49		
										668841	1452	1588	136		
										666866	1534	1605	71		
										667158	1214	1454	240		
										66714	258	316	58		
										666865	528	601	73		
										667148	544	629	85		
										666867	969	1182	213		
										667156	678	744	66		
										667150	940	1090	150		
										666872	722	807	85		
										667155	640	696	56		
										667157	449	572	123		
										667142	714	868	154		
										667152	840	840	0		
										667145	1072	1263	191		
										667153	1671	1900	229		
										666875	368	444	76		
										668855	1172	1262	90		
										1759984	600	961	361		
										666869	1359	1489	130		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										9922420	1031	1171	140		
										668849	855	967	112		
										665093	607	703	96		
										666864	927	1022	95		
										667146	377	424	47		
										668858	623	736	113		
										666070	663	839	176		
										667151	451	526	75		
										667154	871	933	62		
										668845	678	736	58		
										667154	783	885	102		
										9922425	860	916	56		
										9922146	1157	1263	106		
										666868	1065	1247	182		
										9923108	186	288	102		
										7667147	1307	1371	64		
										667085	669	807	138		
										9922424	325	369	44		
										1864868	119	214	95		
										9922285	310	592	282		
										9972437	1544	1838	294		
										9972430	558	668	110		
										667082	990	1213	223		
										9923102	1139	1382	243		
										9922484	560	588	28		
										9922491	696	774	78		
										9922476	586	657	71		
										9922489	176	231	55		
										9972471	757	804	47		
										9971181	1006	1108	102		
										9971191	788	969	181		
										9969943	1290	1503	213		
										1864870	605	998	393		
										9970664	331	414	83		
										2072925	204	273	69		
										9971363	410	690	280		
										667687	1143	1365	222		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										9988734	290	358	68		
										9988645	332	386	54		
										9988135	791	881	90		
										9988632	345	449	104		
										9988236	810	979	169		
										9990752	386	420	34		
										9927424	250	306	56		
										667143	446	543	97		
										667160	563	645	82		
										667694	1722	1993	271		
										666867	510	609	99		
										679117	375	424	49		
										1760372	288	333	45		
										1777849	210	266	56		
										1777841	104	166	62		
										3847826	400	1106	706		
										9922428	526	618	92		
										3581358	2902	3057	155		
										2074826	540	639	99		
										527550	4360	4402	42		
										2074519	1195	1404	209		
										3581971	3286	3612	326		
										3237952	6900	7564	664		
										11009839	10899	10929	30		
										9970005	1850	1964	114		
										3238900	5000	5565	565		
										3843577	157	271	114		
										3255	1320	1461	141		
										209781	25070	25254	184		
										9785319	4696	5007	311		
										465341	7511	8132	621		
										1762852	549	704	155		
										856710	23569	23851	282		
										2898	45297	45329	32		
										3580710	17200	17324	124		
										16035	7188	7359	171		
										2074517	530	756	226		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										112928	540	596	56		
										1353840	27516	27632	116		
						SUB TOTAL -10			0.5530				45204	0.10	18.26
LIKE ABOVE LT FEEDERS WE ASSESS THE BELOW LT FEEDERS RESULT															
11	North Division	JP Nagar PSS	33/11KV	11 KV JP Nagar	200	DT/CBSE School JP Nagar	5.626526	6.02101	0.394484				30552	0.08896	22.55
						SUB TOTAL -11			0.3945				30552	0.09	22.55
12	North Division	JP Nagar PSS	33/11KV	11 KV JP Nagar	315	DT/AD-6/6 jawahar Nagar -1	55.64928	56.78539	1.13611				96357	0.17254	15.187
										4037697	850	1700	850		
						SUB TOTAL -12			1.1361				96357	0.17	15.19
13	North Division	JP Nagar PSS	33/11KV	11 KV JP Nagar	315	DT/G-23 Kirti Nagar	26.7157	27.451	0.7353				61327	0.12203	16.5959
						SUB TOTAL -13			0.7353				61327	0.122	16.596
14	North Division	ADHARTAL PSS	33/11 KV	11 KV Adhartal Town Feeder	200	DT/NK-1 Milk Scheme	16.3211	16.6827	0.3616				28829	0.07331	20.274
						SUB TOTAL -14			0.3616				28829	0.07	20.27
15	South Division	Bheem Nagar PSS	33/11KV	11 KV Bajriya Feeder	200	DT/A Nagar Bagicha 200 S\S-106	31.66047	32.08695	0.42648				35121	0.07527	17.6491
						SUB TOTAL -15			0.4265				35121	0.08	17.65
16	South Division	Bheem Nagar PSS	33/11KV	11 KV Bajriya Feeder	200	DT/Panchasheel Nagar Koludriver	8.6111	9.035254	0.424154				35278	0.07137	16.83
						SUB TOTAL -16			0.4242				35278	0.07	16.83
17	South Division	Bheem Nagar PSS	33/11KV	11 KV Bhitoli Feeder	100	DT/New P.P Colony S\S-190	45.31107	45.631	0.31993				26947	0.05046	15.772
						SUB TOTAL -17			0.3199				26947	0.05	15.77

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
18	South Division	Sanjivini Nagar PSS	33/11KV	11 KV Sanjivini Nagar Feeder	315	DT/X-Mer BT-7	41.82979	42.39952	0.56973					0.09907	17.39
SUB TOTAL -18									0.5697				47066	0.10	17.39
19	East Division	Gorabazar PSS	33/11KV	11 KV H'Rose Feeder	200	AMBA APARTMENT(B-52 FSP1) S/S	1.88256	2.3177	0.43514					0.07637	17.55
SUB TOTAL -19									0.4351				35877	0.08	17.55
20	East Division	Gorabazar PSS	33/11KV	11 KV H'Rose Feeder	200	DT/H-118 Sinfront Church	8.1585	8.6322	0.4737					0.0987	20.84
SUB TOTAL -20									0.4737				37500	0.10	20.84
21	East Division	Gorabazar PSS	33/11KV	11 KV H'Rose Feeder	100	DT/New Delight Campus (B-43 HT-3 S	16.9695	17.4408	0.4713					0.10251	21.750
SUB TOTAL -21									0.4713				36879	0.10	21.75
22	East Division	Gorabazar PSS	33/11KV	11 KV H'Rose Feeder	100	DT/A-57 Koushalya Appartment	0.59852	1.02573	0.42721					0.06924	16.21
SUB TOTAL -22									0.4272				35797	0.07	16.21
23	East Division	Sai Nath PSS	33/11KV	11 KV Pachpadi Feeder	200	A-11, DUTT ENCLAVE PHASE -1	6.00878	6.0807	0.07192					0.01479	20.56
SUB TOTAL -23									0.0719				5713	0.0148	20.56
24	East Division	Sai Nath PSS	33/11KV	11 KV Pachpadi Feeder	315	DT/Alladabad Bamk HR-24(A-3) S/S	19.13022	19.2874	0.15718					0.02876	18.297
SUB TOTAL -24									0.1572				12842	0.03	18.30

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
25	EAST Division	Gohal Pur PSS	33/11KV	11 KV Pasiyana Feeder	200	BESIDE RADDI CHOWK PETROL PUMP TG-13F	39.314	39.8214	0.5074				42000	0.0874	17.225
SUB TOTAL -25									0.5074				42000	0.09	17.23
26	East Division	Vinoba Bhava PSS	33/11KV	11 KV Dwarka Nagar Feeder	200	DT/MPHB Complex	5.88153	6.78463	0.9031				74052	0.16258	18.00
SUB TOTAL -26									0.9031				74052	0.16	18.00
27	West Division	UKHARI PSS	33/11KV	11 KV Feeder Ukhari -3	200	DT/Z-22 Samdariya Complex	16.44277	16.91442	0.47165				39077	0.08088	17.148
SUB TOTAL -27									0.4717				39077	0.08	17.15
28	West Division	UKHARI PSS	33/11KV	11 KV Feeder Ukhari -3	200	Z27-II SAMDARIYA ADARS COMPLEX	7.54307	7.99427	0.4512				37053	0.08067	17.879
SUB TOTAL -28									0.4512				37053	0.081	17.879
29	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town Feeder	200	DT/E-57B Goodwill Appartments	8.19757	8.72869	0.53112					0.09675	18.22
SUB TOTAL -29									0.5311				43437	0.10	18.22
30	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town Feeder	100	DT/E-63EXT-2 Amitoj Appartment	6.06573	6.46714	0.40141					0.06428	16.014
SUB TOTAL -30									0.4014				33713	0.0643	16.01
31	West Division	Mission Press PSS	33/11KV	11 KV Nepier Town Feeder	200	DT/G-88 EXN-I (Jain Tower)	11.86997	12.258	0.38803				31867	0.06936	17.875

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
	SUB TOTAL -31								0.3880				31867	0.07	17.87
	TOTAL(SUB TOTAL -1+SUB TOTAL -2+SUB TOTAL -3+.....+SUB TOTAL -31)								14.0166	LT LINE + COMMERCIAL LOSS IN LU			1153129	2.4853	17.73
	DTR CONSUMPTION= 88% DTR IN JABALPUR CITY CIRCLE HAVING (COMMERCIAL LOSS DUE TO THEFT + LT LINE LOSS) BOTH LOSSES = (11KV SIDE INPUT ENERGY - 11 KV LINE LOSS- 11KV BULK CONSUMPTION)*0.88								669.6221	(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) W.R.T DTR INPUT ENERGY IN JABALPUR CITY CIRCLE IN LU			118.7329	17.73	
	TOTAL LT LOSS IN LU												82.3500		
	APPROX COMMERCIAL LOSS DUE TO THEFT IN LU									(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) - TOTAL LT			36.3829		
	TOTAL INPUT ENERGY 11KV SIDE IN JABALPUR CITY CIRCLE IN LU								893.0437	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 11KV SIDE INPUT ENERGY IN JABALPUR CITY CIRCLE IN LU			36.3829	4.07	
	TOTAL INPUT ENERGY 33KV SIDE IN JABALPUR CITY CIRCLE IN LU								989.4585	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 33KV SIDE INPUT ENERGY IN JABALPUR CITY CIRCLE			36.38	3.68	
N.B: 1) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															
2) Considering if all LT feeder having same consumption then 88% of LT feeders having Commercial loss due to theft.															

N.B: 1) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

2) Considering if all LT feeder having same consumption then 88% of LT feeders having Commercial loss due to theft.

**LT LINE LOSS WITH COMMERCIAL LOSS
ASSESSMENT OF BHOPAL O&M CIRCLE OF
MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

F) LT LINE LOSS ASSESSMENT DETAIL OF BHOPAL O&M CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
1	MANDIDEEP	MANDIDEEP I	33/11	MANDI FEEDER	100	Bindiya Dham Colony-I	3.98234	4.11687	0.13453	12804	2263	2374	111	0.024	17.8399
										12816	2015	2190	175		
										12828	2030	2036	6		
										12830	2706	2836	130		
										12841	3326	3440	114		
										12865	1263	1323	60		
										12877	804	857	53		
										12889	969	1008	39		
										12890	2215	2314	99		
										12907	950	1017	67		
										12920	1913	1969	56		
										12993	1631	1706	75		
										13018	1743	1888	145		
										13031	2457	2559	102		
										13043	1504	1524	20		
										13055	1416	1442	26		
										13067	1949	1996	47		
										13080	925	973	48		
										13092	905	937	32		
										13122	2167	2312	145		
										13134	441	575	134		
										13146	883	925	42		
										13171	2063	2128	65		
										13183	3417	3627	210		
										13195	2819	2980	161		
										13201	1540	1614	74		
										13213	1623	1746	123		
										13225	3810	3934	124		
										13237	1120	1176	56		
										13249	1777	1783	6		
										13250	1885	1971	86		
										13262	644	743	99		
										13274	3988	4142	154		
										13286	380	390	10		
										13298	1430	1505	75		
										13304	1120	1193	73		
										13316	1146	1207	61		
										13328	1283	1387	104		
										13353	777	801	24		
										13365	814	852	38		
										13377	1797	1872	75		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										13389	1699	1790	91		
										13390	759	806	47		
										13407	1391	1407	16		
										13419	1178	1227	49		
										13432	1887	1978	91		
										13444	1671	1794	123		
										13468	118	134	16		
										13481	1772	1915	143		
										13493	2002	2126	124		
										13500	981	1038	57		
										13511	946	997	51		
										13535	2164	2305	141		
										13547	1651	1755	104		
										13559	1222	1272	50		
										13560	1571	1636	65		
										13572	678	693	15		
										13584	414	432	18		
										13596	1829	1856	27		
										13602	1824	1885	61		
										13614	1370	1453	83		
										13626	1708	1804	96		
										13638	1560	1630	70		
										13640	1940	2007	67		
										13663	863	905	42		
										13675	1394	1539	145		
										13687	388	493	105		
										13705	1195	1238	43		
										13717	978	1088	110		
										13730	1349	1445	96		
										13742	1817	1850	33		
										13754	1403	1485	82		
										13766	1241	1324	83		
										13780	1241	1308	67		
										13791	706	723	17		
										13808	3104	3269	165		
										13810	1023	1052	29		
										13821	265	377	112		
										13833	1186	1250	64		
										13845	885	1026	141		
										13869	1494	1579	85		
										13870	1301	1324	23		
										13882	2240	2326	86		
										13894	2252	2408	156		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
										13900	1183	1246	63		
										13912	1575	1663	88		
										13924	654	774	120		
										13936	1825	1881	56		
										13948	1434	1502	68		
										13950	787	796	9		
										13961	2544	2653	109		
										13973	803	978	175		
										13985	1513	1616	103		
										13997	725	749	24		
										14000	1701	1780	79		
										16652	1660	1825	165		
										16706	190	326	136		
										16720	249	328	79		
										16779	438	460	22		
										16846	1267	1328	61		
										16860	145	250	105		
										16925	70	103	33		
										16937	119	155	36		
										16949	1114	1246	132		
										16962	1851	1905	54		
										16974	77	122	45		
										16998	1361	1411	50		
										17000	539	577	38		
										17012	2007	2044	37		
										18272	843	898	55		
										18727	1237	1240	3		
										18776	1034	1111	77		
										18909	810	859	49		
										18910	466	474	8		
										18995	1429	1554	125		
										19719	631	676	45		
										19720	744	843	99		
										19793	1546	1707	161		
										19859	199	208	9		
										23255	1673	1711	38		
										23371	758	884	126		
										23401	843	915	72		
										23413	931	1057	126		
										23504	561	637	76		
										23528	2534	2686	152		
										23607	359	468	109		
										23619	815	825	10		

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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										81620	18760	18880	120		
										81656	5473	5502	29		
										81711	11428	11550	122		
										81747	7578	7616	38		
										81784	10163	10451	288		
										81796	157	490	333		
										81802	14943	15105	162		
										81814	1783	1808	25		
										81840	15445	15709	264		
										81851	374	462	88		
										81899	1817	1903	86		
										81917	10212	10372	160		
										81942	2553	3020	467		
										81954	5084	5113	29		
										82340	4064	4150	86		
										82466	7435	7552	117		
										82491	14954	15275	321		
										85121	884	1177	293		
										85133	8564	8651	87		
										85170	686	1243	557		
										85224	6962	6992	30		
										85236	2468	2822	354		
										85273	822	934	112		
										85297	14583	14647	64		
										85327	8321	8581	260		
										85390	1000	1168	168		
										85406	752	1041	289		
										85704	9031	9383	352		
										85820	17094	17417	323		
										85832	654	720	66		
										85870	11803	11995	192		
										85972	11124	11298	174		
										86058	10564	10823	259		
										86277	4648	4893	245		
										86344	2889	3132	243		
										86514	5526	5660	134		
										86538	11730	11840	110		
										86575	649	809	160		
										86630	8275	8377	102		
										86990	2240	2341	101		
										87622	944	992	48		
										87737	2699	2861	162		
										88043	11296	11496	200		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										88067	1486	1507	21		
										88262	11780	11896	116		
										89412	12887	12948	61		
										89473	9258	9370	112		
										93038	3391	3405	14		
										93336	368	407	39		
										93397	5303	5335	32		
										93737	7596	7980	384		
										93920	7713	7770	57		
										94274	7810	7897	87		
										95503	2429	2556	127		
										95631	12969	13096	127		
										95667	4709	4760	51		
										95813	7029	7098	69		
										96969	4156	4289	133		
										97044	5575	5629	54		
										97410	5971	6093	122		
										97664	5910	5968	58		
										98462	1481	1616	135		
										119799	8362	8424	62		
										120133	10610	10723	113		
										120157	4953	4954	1		
										123031	16925	17131	206		
										123080	9741	9952	211		
										123596	13827	14073	246		
										124588	5034	5162	128		
										124904	10637	10700	63		
										127838	9861	9993	132		
										128065	12498	12615	117		
										135367	7850	7901	51		
										135409	2576	2636	60		
										136244	2791	2813	22		
										136256	2226	2359	133		
										136748	1549	1705	156		
										136876	205	305	100		
										136888	4500	4574	74		
										136931	4345	4450	105		
										137005	5493	5601	108		
										137571	4773	4860	87		
										140478	18276	18400	124		
										141215	4972	5381	409		
										142578	1530	1596	66		
										142712	5727	5744	17		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										143250	9100	9163	63		
										148490	2549	2635	86		
										148994	6401	6592	191		
										149032	5336	5376	40		
										149196	12740	12987	247		
										149275	9210	9422	212		
										149380	7770	7880	110		
										149743	2541	2646	105		
										150083	8893	8990	97		
										150526	6201	6297	96		
										151191	3077	3122	45		
										151245	7994	8141	147		
										151282	6421	6526	105		
										152948	6294	6346	52		
										153084	32991	33104	113		
										153310	1660	1879	219		
										153394	15694	15729	35		
										153850	13558	13761	203		
										153904	2210	2319	109		
										153965	3818	3823	5		
										154921	2791	2811	20		
										155743	609	736	127		
										161950	11317	11335	18		
										170318	725	808	83		
										170343	19960	20203	243		
										170434	139	157	18		
										170793	7559	7695	136		
										170884	61	258	197		
										171360	7656	7714	58		
										172121	3021	3046	25		
										172510	7638	7716	78		
										172637	16788	17008	220		
										172765	2882	3162	280		
										172868	13047	13193	146		
										180440	1129	1139	10		
										180592	545	560	15		
										180749	2850	2916	66		
										191164	3587	3765	178		
										4182	83733	83966	233		
										10133	24986	25271	285		
										10844	4635	4870	235		
										10870	16697	16777	80		
										85030	1058	1145	87		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										91509	24914	25155	241		
										154714	68418	68791	373		
										9000045	14790	14965	175		
										9000835	850979	851539	560		
										81723	840	1021	181		
										81826	9450	9575	125		
										85110	15627	15851	224		
										85248	10806	10913	107		
										85625	11289	11394	105		
										85777	2223	2385	162		
										86241	1665	1732	67		
										86861	5948	6001	53		
										87350	8340	8356	16		
										87439	749	1064	315		
										87907	11617	11707	90		
										89850	1237	1396	159		
										94134	697	726	29		
										123950	1646	1767	121		
										124503	6049	6102	53		
										124898	9988	10182	194		
										135835	15405	15498	93		
										136270	4289	4385	96		
										141290	8806	8914	108		
										150551	10664	10799	135		
										151749	5875	6063	188		
										154647	1800	1875	75		
										155070	1040	1133	93		
										155123	8771	8940	169		
										155585	555	671	116		
										180555	5843	6023	180		
										1510	4086	4372	286		
										1570	5839	5942	103		
										1788	4576	4831	255		
										2800	3526	3548	22		
										3001	1051	1085	34		
										172212	4052	4182	130		
										3440	2325	2401	76		
										3815	7178	7232	54		
										3888	15637	15660	23		
										81220	1101	1328	227		
										81395	14806	15006	200		
										81449	4061	4180	119		
										81530	20274	20531	257		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										81644	2836	3006	170		
										81693	8442	8535	93		
										81735	19421	19540	119		
										81887	7344	7445	101		
										81905	8725	8773	48		
										82296	43486	43804	318		
										82480	3126	3291	165		
										85145	2855	3229	374		
										85182	17905	18408	503		
										85261	7367	7450	83		
										85339	8710	8834	124		
										85388	6344	6806	462		
										86071	1303	1506	203		
										87129	8120	8183	63		
										87294	4216	4237	21		
										87312	13584	13710	126		
										87944	626	665	39		
										88225	2310	2407	97		
										88626	8492	8563	71		
										88961	25932	26546	614		
										89096	8616	8685	69		
										89424	5438	5660	222		
										91376	15726	15889	163		
										93040	7127	7239	112		
										93166	13889	14034	145		
										93180	4045	4101	56		
										93415	3699	3752	53		
										93919	6555	6651	96		
										95953	760	808	48		
										97123	8892	9140	248		
										97706	1278	1342	64		
										100481	12610	12707	97		
										100675	3351	3437	86		
										120959	22923	23137	214		
										124199	5326	5400	74		
										124916	1187	1362	175		
										127474	3689	4167	478		
										128004	516	540	24		
										128624	8763	8835	72		
										128739	8640	8650	10		
										137303	13880	14121	241		
										137364	6735	6810	75		
										137406	8396	8550	154		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										137455	2400	2515	115		
										137625	1108	1355	247		
										143091	13210	13391	181		
										143248	10293	10379	86		
										152006	7706	7788	82		
										152055	14989	15147	158		
										153266	1897	2259	362		
										153370	5230	5566	336		
										153448	3500	3575	75		
										153989	4718	4719	1		
										154398	1660	1869	209		
										154556	29409	29688	279		
										154611	7287	7447	160		
										155184	13345	13531	186		
										161809	5820	5858	38		
										170276	14036	14265	229		
										170331	7706	7844	138		
										172108	11457	11676	219		
										172376	5278	5398	120		
										172467	3140	3262	122		
										172807	967	1015	48		
										172881	13000	13195	195		
										181298	11850	11912	62		
										192387	324	521	197		
										10121	30655	30897	242		
										10534	13811	13907	96		
										10704	21889	22006	117		
										504	3519	3579	60		
										814	1080	1118	38		
										2525	3942	4106	164		
										5976	2040	2107	67		
										6350	1537	1565	28		
										6385	3285	3454	169		
										6555	1075	1405	330		
										6944	4633	4917	284		
										7109	2426	2494	68		
										7160	991	1146	155		
										7171	680	804	124		
										7353	1625	1749	124		
										7493	7935	8094	159		
										8710	874	1076	202		
										9003	2038	2136	98		
										9015	3105	3164	59		

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STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										112252	14376	14730	354		
										118345	9656	10089	433		
										122294	208	252	44		
										122762	15826	16152	326		
										122877	8855	9007	152		
										123006	851	947	96		
										124035	7023	7128	105		
										124230	5245	5330	85		
										124278	4050	4273	223		
										125088	9141	9437	296		
										127231	111	887	776		
										127243	9337	9645	308		
										128478	7023	7246	223		
										128508	1970	1999	29		
										129689	13695	14243	548		
										129811	5547	5647	100		
										129847	2506	2746	240		
										135677	802	889	87		
										137900	2904	3054	150		
										143595	10340	10348	8		
										143789	18935	19324	389		
										148660	3953	4105	152		
										154842	6445	6594	149		
										160908	21927	22279	352		
										161184	11438	11567	129		
										171530	4261	4326	65		
										180105	10549	10982	433		
										180180	6145	6315	170		
										180889	3492	3633	141		
										190822	4772	4877	105		
										190858	3775	3909	134		
										192053	13995	14027	32		
										192296	1121	1200	79		
										192302	209	267	58		
										192545	4430	4690	260		
										111259	2700	3020	320		
										112124	952	1196	244		
										142748	7423	7687	264		
										192510	564	701	137		
										1818	6998	7247	249		
										2719	3880	4222	342		
										3244	6872	7218	346		
										95140	3442	3483	41		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
3										95370	2570	3147	577		
										96090	1082	1126	44		
										100286	1308	1639	331		
										111260	20062	20309	247		
										112094	19732	19808	76		
										112148	4011	4433	422		
										112197	18455	18648	193		
										122129	2542	2820	278		
										122373	8168	8450	282		
										122830	11995	12249	254		
										126810	17947	18519	572		
										127218	15052	15501	449		
										128491	4914	4922	8		
										129628	3591	4267	676		
										154222	497	605	108		
										161147	11821	12120	299		
										180324	1061	1104	43		
										190767	8212	8347	135		
										6180	2193	2232	39		
										7614	1071	1114	43		
										9507	1909	2360	451		
										9611	1722	1880	158		
										9714	916	952	36		
										9726	908	1026	118		
										11745	720	1197	477		
										11939	2398	2460	62		
										14461	1511	1945	434		
										18752	850	1116	266		
										23395	1385	2253	868		
										23796	69599	70076	477		
										27315	3798	3927	129		
										27730	189	250	61		
Sub-Total -3									0.2846118	Sub-Total -3			22930	0.0553118	19.4341

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
4	mandideep	mandideep 1		town feeder	200	BATHAM HOTEL WALA	18.1982916	18.511006	0.3127148	81980	17193	17469	276	0.0596048	19.0604
										82004	21813	22089	276		
										82030	1851	2013	162		
										82053	7231	7443	212		
										82089	1425	1757	332		
										82090	3259	3479	220		
										82107	3508	3708	200		
										82120	4466	4521	55		
										82132	3343	3662	319		
										82144	3023	3257	234		
										82156	8493	8594	101		
										82181	8142	8285	143		
										82193	2366	2535	169		
										82200	13799	13979	180		
										82223	20524	20591	67		
										82247	1325	1677	352		
										82259	1531	1791	260		
										82272	11716	11822	106		
										82284	7824	8056	232		
										82430	9108	9151	43		
										86976	2509	2579	70		
										87166	7766	7854	88		
										89930	18430	18632	202		
										91327	8757	8787	30		
										93075	7874	8169	295		
										93970	88	98	10		
										93981	5997	6021	24		
										94006	4764	4850	86		
										94213	3102	3313	211		
										95539	7183	7306	123		
										97159	10122	10396	274		
										97433	5992	6023	31		
										97536	10361	10481	120		
										98395	4471	4668	197		
										112720	1608	1688	80		
										113189	5906	5965	59		
										113300	10142	10215	73		
										113554	15217	15249	32		
										115540	5242	5346	104		
										115575	2230	2312	82		
										115587	8250	8279	29		
										115642	2611	2748	137		
										118540	8928	8963	35		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										118552	15500	15719	219		
										118564	20750	20862	112		
										118588	9712	9874	162		
										118680	7375	7468	93		
										118783	6604	6644	40		
										118801	13482	13612	130		
										118965	8054	8164	110		
										120327	9112	9187	75		
										120662	22080	22255	175		
										124047	14449	14597	148		
										124801	1398	1442	44		
										124850	27301	27489	188		
										127425	2957	2960	3		
										135070	1992	2133	141		
										135082	1713	1913	200		
										135124	1436	1533	97		
										136669	10427	10642	215		
										140030	7367	7624	257		
										140399	19222	19398	176		
										140533	2622	2627	5		
										142177	5205	5312	107		
										142232	9101	9331	230		
										142268	8069	8103	34		
										142827	5809	6098	289		
										143133	5064	5119	55		
										143194	4954	5096	142		
										143236	10750	11197	447		
										148787	12996	13012	16		
										149974	11679	11681	2		
										151087	8749	8920	171		
										151397	10512	10734	222		
										151403	5313	5367	54		
										151816	4639	4668	29		
										152420	3291	3473	182		
										152717	19683	19891	208		
										152821	9092	9205	113		
										152882	43305	43352	47		
										152936	15147	15350	203		
										153175	4050	4271	221		
										154295	11935	11970	35		
										155240	9228	9375	147		
										155469	5032	5063	31		
										161755	16903	17139	236		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										170150	77120	77425	305		
										170719	1672	1704	32		
										172261	3724	4008	284		
										172595	1251	1336	85		
										173125	4774	4884	110		
										180725	893	947	54		
										115	12126	12421	295		
										619	24497	24668	171		
										10091	9136	9579	443		
										10200	12339	12648	309		
										124424	33529	34011	482		
										9000288	8431	8479	48		
										82168	20807	21134	327		
										82260	4026	4137	111		
										88316	17931	17960	29		
										94079	1034	1183	149		
										113505	8836	8896	60		
										142244	494	547	53		
										142657	1961	2006	45		
										180713	3187	3240	53		
										1302	3200	3217	17		
										620	1819	1947	128		
										2379	1639	1685	46		
										82077	3999	4104	105		
										3943	108	148	40		
										82119	6275	6563	288		
										82170	9032	9407	375		
										82235	27039	27369	330		
										88808	40520	40640	120		
										89709	16060	16282	222		
										91315	1532	1555	23		
										93968	1380	1506	126		
										94055	15906	16161	255		
										94092	5270	5307	37		
										98024	9234	9247	13		
										113335	6063	6329	266		
										113438	13821	14104	283		
										118576	4559	4717	158		
										124709	7665	7722	57		
										135094	1146	1342	196		
										135290	569	655	86		
										135770	658	670	12		
										136657	869	940	71		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										136980	1617	1638	21		
										142256	1913	2093	180		
										151075	993	1041	48		
										152687	36485	36566	81		
										154260	53920	54204	284		
										155470	7951	8143	192		
										171001	9426	9483	57		
										171062	2865	2920	55		
										171943	2221	2334	113		
										172923	8442	8592	150		
										173356	1863	2011	148		
										1223	1125	1267	142		
										1326	4673	4765	92		
										5472	14061	14137	76		
										93063	2952	3098	146		
										4789	640	706	66		
										5319	2034	2153	119		
										6970	663	1050	387		
										6981	4035	4266	231		
										7638	1047	1112	65		
										7640	1096	1136	40		
										7663	646	741	95		
										8965	1866	2140	274		
										9970	1994	2129	135		
										10960	15120	15479	359		
										12087	513	517	4		
										12701	2533	2659	126		
										82028	4099	4209	110		
										14436	3869	4021	152		
										15714	8016	8174	158		
										16536	4038	4375	337		
										17670	1004	1060	56		
										18235	11042	11354	312		
										23190	369	419	50		
										23309	2891	3156	265		
										23632	643	687	44		
										23700	7185	7293	108		
										25823	5567	5807	240		
										25860	1623	1662	39		
										25926	4656	4870	214		
										27601	3300	3418	118		
										28290	415	475	60		
										29130	254	356	102		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										29415	16944	17061	117		
										29890	201	268	67		
										29919	342	381	39		
										30260	11269	11407	138		
										30405	193	250	57		
										30570	12	13	1		
									0.3127148		Sub-Total -4		25311	0.0596048	19.0604
5	mandideep	mandideep 1		town feeder	315	GANDHI CHOWK 1	38.565	39.2562	0.6912	81012	11637	11696	59	0.12795	18.5113
										81061	8302	8425	123		
										81243	9532	9644	112		
										86484	8430	8527	97		
										87105	12432	12612	180		
										88092	2195	2377	182		
										88651	6545	6603	58		
										88766	7631	7748	117		
										89187	17623	17868	245		
										89254	7286	7384	98		
										90815	8928	9426	498		
										94109	12530	12586	56		
										94511	10590	10640	50		
										95461	543	652	109		
										95874	3306	3450	144		
										96600	7558	7714	156		
										96702	600	660	60		
										96763	2565	2600	35		
										97597	5946	5991	45		
										98140	1268	1302	34		
										115782	1382	1680	298		
										115794	27302	27611	309		
										115836	3901	3969	68		
										115885	3862	4216	354		
										115897	969	1000	31		
										115939	10635	10808	173		
										115940	1094	1245	151		
										115990	7361	7390	29		
										116002	1458	1531	73		
										116038	1277	1446	169		
										116142	4832	4934	102		
										116166	1280	1347	67		
										116233	11388	11562	174		
										116269	15184	15268	84		
										116282	705	834	129		
										116336	5228	5315	87		

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										116348	29414	29898	484		
										116403	15913	16058	145		
										116439	12494	12680	186		
										116452	7117	7219	102		
										116476	6735	6798	63		
										116531	1225	1349	124		
										116580	10263	10338	75		
										116683	10172	10201	29		
										116828	6440	6604	164		
										116877	4253	4320	67		
										116920	912	1075	163		
										119349	3969	3993	24		
										119544	24689	24861	172		
										119568	7548	7648	100		
										119581	1738	2013	275		
										119593	6332	6629	297		
										120273	8656	8783	127		
										120315	12385	12425	40		
										123419	12328	12435	107		
										124692	9154	9306	152		
										127462	7394	7418	24		
										127486	948	978	30		
										127759	338	413	75		
										128030	7299	7438	139		
										128648	2612	2700	88		
										128685	27380	27794	414		
										128715	13175	13273	98		
										136517	6279	6334	55		
										137200	607	701	94		
										137250	7891	8015	124		
										137790	1130	1231	101		
										138071	2631	2809	178		
										138113	3646	3760	114		
										139130	1221	1298	77		
										140363	2424	2480	56		
										142682	7313	7410	97		
										148246	10031	10102	71		
										148593	25556	25915	359		
										148933	12603	12644	41		
										149160	10204	10325	121		
										149469	5182	5248	66		
										150162	17667	18757	1090		
										150265	1259	1282	23		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										150307	657	700	43		
										150800	2321	2349	28		
										150824	175	240	65		
										150850	6240	6280	40		
										150952	11653	11723	70		
										151452	3970	4970	1000		
										151907	8510	8910	400		
										152160	1025	1200	175		
										152237	1000	1100	100		
										152675	17500	17811	311		
										152857	9199	9280	81		
										152894	11350	11535	185		
										153837	9609	10100	491		
										154090	4606	5100	494		
										154234	6049	6144	95		
										154799	7280	7420	140		
										154878	1144	1316	172		
										155032	13339	13478	139		
										155263	913	1013	100		
										155731	1335	1446	111		
										155998	13120	13305	185		
										170320	2191	2235	44		
										170355	19752	19857	105		
										170537	2029	2260	231		
										170586	1165	1222	57		
										170616	1527	1665	138		
										170811	12568	12640	72		
										170823	6247	6847	600		
										170896	388	1388	1000		
										171293	11580	11678	98		
										171967	5810	5914	104		
										172741	2397	2423	26		
										173149	2144	2174	30		
										173198	1404	1561	157		
										180531	1670	1762	92		
										180683	13441	13491	50		
										180786	6607	6650	43		
										190690	6574	6664	90		
										192429	622	674	52		
										192454	2184	2228	44		
										192739	1675	2775	1100		
										192740	3631	4431	800		
										371	47879	47909	30		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										796	1584	2076	492		
										4273	225720	227178	1458		
										10029	8418	8515	97		
										10420	7669	8061	392		
										10583	3276	3508	232		
										91406	12920	13172	252		
										115812	1841	1930	89		
										116257	14098	14224	126		
										154027	18023	18027	4		
										154490	28366	28536	170		
										154969	1249	1373	124		
										9000239	11305	12442	1137		
										88377	644	700	56		
										88948	6203	6443	240		
										93245	13770	14175	405		
										96271	1292	1368	76		
										97445	1056	1166	110		
										98360	2541	2580	39		
										115800	1751	1861	110		
										116270	4525	4561	36		
										116361	8683	9983	1300		
										124382	1653	1721	68		
										127978	2125	2395	270		
										128028	8059	8114	55		
										128582	6160	6268	108		
										137388	5928	6052	124		
										150125	1980	2063	83		
										170628	12383	12531	148		
										172029	1744	2544	800		
										191048	5937	6031	94		
										218	472	874	402		
										255	12438	12586	148		
										2252	1164	1665	501		
										2574	4497	4540	43		
										3177	4223	4385	162		
										3347	3226	3349	123		
										116890	3427	4227	800		
										150538	8963	9014	51		
										87804	7255	7363	108		
										88304	3466	3492	26		
										89837	585	640	55		
										91194	4347	5147	800		
										94146	262	324	62		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										95989	2147	2947	800		
										97421	6577	6715	138		
										98152	89	789	700		
										99594	447	847	400		
										100055	29070	29428	358		
										100249	7687	8314	627		
										115850	4767	5127	360		
										115915	13967	14063	96		
										115964	10727	10909	182		
										116210	10196	10359	163		
										116350	8236	8400	164		
										116415	1227	1313	86		
										116427	15818	16005	187		
										116520	1780	1840	60		
										116725	9327	9910	583		
										116786	3130	3830	700		
										116853	2960	2987	27		
										116932	5031	5531	500		
										116993	6064	6105	41		
										119854	3621	3690	69		
										120042	648	836	188		
										123500	1715	1889	174		
										124357	1725	2117	392		
										128053	6712	7112	400		
										128636	4240	4500	260		
										135975	10723	10786	63		
										136025	17329	17505	176		
										136906	8311	8415	104		
										139117	5619	5765	146		
										140454	3279	3419	140		
										142554	1345	1367	22		
										150848	2957	3357	400		
										150988	16154	16278	124		
										152225	13600	13900	300		
										153140	8	498	490		
										154088	8550	8974	424		
										155100	8452	8724	272		
										155299	8095	8194	99		
										155664	3725	3900	175		
										155901	473	616	143		
										170306	2749	3001	252		
										170951	7148	7174	26		
										171128	5365	5585	220		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
										171311	5601	6001	400		
										172509	6775	7000	225		
										173083	10170	10570	400		
										181079	4520	4561	41		
										181365	8384	8512	128		
										190160	300	360	60		
										191334	7991	8591	600		
										191383	6678	6717	39		
										192430	7828	7865	37		
										700	28740	29175	435		
										10856	11366	11722	356		
										2884	2616	2661	45		
										3013	1024	1040	16		
										3669	1426	1456	30		
										4613	6499	6905	406		
										4637	4382	4574	192		
										5617	506	627	121		
										6040	1829	1977	148		
										6142	4053	4153	100		
										6774	653	691	38		
										6956	1428	1928	500		
										7110	3451	3685	234		
										7195	3692	3876	184		
										7456	1690	1910	220		
										7626	4336	4665	329		
										9969	3300	3550	250		
										12040	2313	2740	427		
										12713	3643	4003	360		
										14126	809	1000	191		
										14280	1451	1552	101		
										17401	1392	1439	47		
										17462	1458	1558	100		
										17486	2337	2488	151		
										17516	1751	1765	14		
										17528	796	850	54		
										17589	3254	3491	237		
										17590	2043	2202	159		
										18028	1125	1197	72		
										18053	1672	1818	146		
										18259	465	507	42		
										18820	1106	1205	99		
										18867	1464	1546	82		
										22226	24836	27543	2707		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
										22421	4636	4947	311		
										23462	886	946	60		
										23991	1347	1459	112		
										24600	3261	3322	61		
										27303	59	70	11		
										28277	975	1154	179		
										28964	899	953	54		
										29749	10747	11347	600		
										170252	172	532	360		
										30302	128	400	272		
Sub-Total -5									0.6912	Sub-Total -5			56325	0.12795	18.5113
7	MANDIDEEP	MANDIDEEP I	33/11	TOWN FDR	63	M P FOREST I	0.9342	1.0876	0.1534	130552	12243	12975	732		
										190238	838	848	10		
										1077	7112	7318	206		
										1442	1008	1038	30		
										1478	9213	9323	110		
										5344	35797	36065	268		
										9000628	13721	14510	789		
										97550	1708	1798	90		
										1983	1708	1770	62		
										2768	116	127	11		
										4030	1734	1751	17		
										149949	8249	9073	824	0.02606	16.9883
										152912	2480	2493	13		
										498	291532	295051	3519		
										929	70	88	18		
										6830	698	699	1		
										7365	2178	2355	177		
										12506	36850	38637	1787		
										14590	126638	127750	1112		
										17358	16442	17892	1450		
										23220	95825	96050	225		
										28447	20222	21430	1208		
										30909	0	75	75		
Sub-Total -6									0.1534	Sub-Total -6			12734	0.02606	16.9883

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
		mandideep 3		sector A	200	BAJRANG DALL MILL	8.1186	8.606	0.4874	82533	19728	19974	246	0.09842	20.1929
										86708	22003	23848	1845		
										86770	2454	2573	119		
										86782	605	728	123		
										86850	9256	9365	109		
										87191	12943	13451	508		
										88328	4643	5202	559		
										88640	5656	5818	162		
										89760	5901	6441	540		
										89813	6002	7302	1300		
										89849	2710	3275	565		
										91029	1343	1425	82		
										93210	6046	6226	180		
										93567	462	631	169		
										95977	10691	10773	82		
										96283	933	1378	445		
										96805	4657	4709	52		
										120080	11592	11829	237		
										123663	17144	17367	223		
										123791	1232	1766	534		
										127322	6945	8115	1170		
										127863	2602	2809	207		
										135240	1786	2062	276		
										135320	59	91	32		
										136797	3388	3573	185		
										137066	771	958	187		
										140417	1275	1423	148		
										141276	4565	5532	967		
										152067	2277	2323	46		
										152456	480	669	189		
										153424	10769	11104	335		
										170161	17581	17734	153		
										170422	1089	1317	228		
										85	1569	1820	251		
										656	10326	10597	271		
										670	15261	18091	2830		
										681	21652	21983	331		
										711	7072	7177	105		
										747	15685	16054	369		
										1272	7513	7634	121		
										4352	65671	66371	700		
										5411	1508	1852	344		
										123638	65381	66729	1348		
	mandideep														

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
8										154118	44637	45287	650		
										137054	6418	6815	397		
										150060	17496	17952	456		
										154570	8263	8699	436		
										170975	5698	6348	650		
										10649	16270	18404	2134		
										20503	80210	81252	1042		
										2057	9678	11634	1956		
										4420	5780	6070	290		
										86691	13902	14552	650		
										86812	2279	2500	221		
										87660	1169	1833	664		
										118904	945	1561	616		
										123134	6050	6454	404		
										137078	91224	91486	262		
										161779	1807	2712	905		
										172170	4495	4547	52		
										113440	45773	46537	764		
										151350	39622	40217	595		
										3270	1693	1777	84		
										5034	492	574	82		
										5642	1961	2027	66		
										6130	326	449	123		
										7389	723	910	187		
										8631	2666	2933	267		
										8643	2653	2995	342		
										11423	4332	4622	290		
										12099	1218	1300	82		
										14199	797	1064	267		
										16100	5056	5106	50		
										16469	81061	81668	607		
										17231	684	771	87		
										17413	748	864	116		
										17644	879	952	73		
										159128	25164	25771	607		
										26281	6594	8961	2367		
28230	42852	43728	876												
28484	454	668	214												
29075	92	140	48												
29142	265	311	46												
Sub-Total -7									0.4874	Sub-Total -7			38898	0.09842	20.1929

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
10	mandideep	mandideep 1		sector C	200	Ujala Cable	7.45782	7.61443	0.15661	20680	29044	29879	835	0.02787	17.7958
										21726	39003	39305	302		
										22111	13825	15560	1735		
										22986	3026	3492	466		
										23024	13283	14677	1394		
										41804	106188	106388	200		
										4133	1808	2249	441		
										34812	22318	23657	1339		
										40496	5722	6641	919		
										11435	30136	31702	1566		
										17863	8782	9246	464		
										27261	3511	4393	882		
										30200	22677	23605	928		
										30480	1139	1380	241		
										30508	114057	115219	1162		
Sub-Total -8									0.15661	Sub-Total -8			12874	0.02787	17.7958
11	mandideep	mandideep 3		sector B	63	Air Master P& G Road	0.964873	1.102483	0.13761	21209	7925	8714	789	0.01764	12.8188
										33819	22803	23500	697		
										21969	8649	8731	82		
										3517	7077	7593	516		
										1181	46679	48868	2189		
										5162	229	514	285		
										20497	2049	2359	310		
										21945	176368	178503	2135		
										40370	375458	379284	3826		
										14163	3779	3955	176		
										17164	2926	2978	52		
										18491	517	674	157		
										19471	8886	9385	499		
										20552	9549	9553	4		
										27376	1017	1297	280		
Sub-Total -9									0.13761	Sub-Total -9			11997	0.01764	12.8188

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
12	mandideep	mandideep 3		Industrial feeder	200	INDUS -I	2.38788	2.797737	0.409857	23760	1549	1687	138	0.241757	58.9857
										23772	160	4934	4774		
										23784	1565	1700	135		
										23802	1322	1429	107		
										23863	384	433	49		
										23875	310	381	71		
										23905	1014	1044	30		
										23917	114	1239	1125		
										23929	377	3702	3325		
										23930	413	418	5		
										23978	1747	1947	200		
										24004	2387	2539	152		
										24016	444	536	92		
										24363	2041	2200	159		
										24375	24	56	32		
										24429	1152	1218	66		
										24430	1373	1519	146		
										25070	997	1128	131		
										25379	97	130	33		
										25410	7	8	1		
										26621	843	919	76		
										26669	854	1043	189		
										26670	51	123	72		
										26682	528	675	147		
										26694	432	541	109		
										26724	799	889	90		
										26773	1836	2119	283		
										26864	213	227	14		
										26888	6	88	82		
										26943	539	653	114		
										26955	30	78	48		
										26967	1317	1472	155		
										26992	115	154	39		
										27005	416	470	54		
										27017	31	46	15		
										27029	357	376	19		
										27042	427	550	123		
										27078	16	282	266		
										27108	6	120	120		
										27121	1213	2205	992		
										27157	558	664	106		
										27169	523	629	106		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
										27170	524	654	130		
										27182	801	947	146		
										27443	363	429	66		
										27960	286	332	46		
										28605	800	911	111		
										28617	1131	1390	259		
										28666	175	215	40		
										29257	160	227	67		
										29269	214	232	18		
										29282	176	331	155		
										29490	140	167	27		
										29506	1361	1551	190		
										29518	16	21	5		
										29592	112	202	90		
										29634	69	99	30		
										29701	51	138	87		
										30004	60	75	15		
										30600	79	101	22		
										30612	68	200	132		
										30624	0	3	3		
										30636	4	6	2		
										30650	178	276	98		
										30661	227	321	94		
										30739	220	293	73		
										30752	589	775	186		
										30764	28	38	10		
										30776	270	407	137		
										30788	152	257	105		
										30790	47	86	39		
										31136	4	7	3		
										31150	2	10	8		
										31161	78	114	36		
										31290	1	54	53		
										31306	6	101	95		
										31574	2	107	105		
										31598	1	11	10		
										31604	2	85	83		
										31616	2	25	23		
										31630	2	20	18		
										31653	2	5	3		
Sub-Total -10									0.409857	Sub-Total -11			16810	0.241757	58.9857

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
16	Obedullaganj Division	33/11KV Shahganj (PSS)		11KV Banetha feeder	200	NEEMTON Pump	12.55	13.30012	0.75012	62601	611	1665	1054	0.11555	15.4042
										5620	3838	4885	1047		
										5705	11639	13804	2165		
										5707	7073	9108	2035		
										59341	8103	11213	3110		
										76041	4076	6159	2083		
										76121	11620	12670	1050		
										76218	33124	34128	1004		
										76182	11026	20001	8975		
										77624	9148	19032	9884		
										79820	3322	4362	1040		
										81942	10609	20090	9481		
										93737	2328	4225	1897		
										94778	4058	6200	2142		
										94780	5011	9192	4181		
										101606	10983	21153	10170		
103494	3269	5408	2139												
Sub-Total -12									0.75012	Sub-Total -12			63457	0.11555	15.4042
	Obedullaganj Division	Baktara (PSS)		BAKTARA	200	Chawki Wala	11.4677	12.18544	0.71774	15453	2300	2355	55	0.13621	18.9776
										53466	0	250	250		
										3135	1	480	479		
										3277	1	150	149		
										3296	1	4137	4136		
										3706	91	1280	1189		
										3851	83	359	276		
										4001	1	200	199		
										4122	249	450	201		
										4141	125	248	123		
										4142	1	3300	3299		
										4155	28	4478	4450		
										4170	1	480	479		
										4171	53	137	84		
										4175	1	98	97		
										4218	0	488	488		
										4225	62	426	364		
										4234	911	456	-455		
										4241	1	2101	2100		
										4259	56	127	71		
										4351	1	566	565		
										4374	1	256	255		
										4401	1	564	563		
										4431	1	4336	4335		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
19										4462	1	2135	2134		
										8025	2	334	332		
										81772	1	171	170		
										81784	0	663	663		
										81796	1	23	22		
										81840	0	98	98		
										81851	1	96	95		
										81863	0	536	536		
										83082	36	5252	5216		
										83148	1	1372	1371		
										85560	0	253	253		
										85923	0	46	46		
										86113	1	365	364		
										86125	1	56	55		
										86484	0	225	225		
										86605	2	22	20		
										87348	0	1102	1102		
										87592	1	125	124		
										87609	0	1154	1154		
										6556	2186	3186	1000		
										6566	54071	54216	145		
										6694	1362	1462	100		
										6697	4179	4227	48		
										67386	29250	31530	2280		
										67799	0	255	255		
										5141	0	332	332		
										154787	0	155	155		
										154805	0	154	154		
										155299	0	155	155		
										120790	1	662	661		
										120807	0	552	552		
										120819	0	654	654		
										120820	0	326	326		
										120832	0	250	250		
										155263	0	13354	13354		
Sub-Total -13									0.71774	Sub-Total -13			58153	0.13621	18.9776

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
	edullaganj Divisi	Baktara (PSS)		BAKTARA	200	Bus Stand	0.267	0.96098	0.69398	3056	1	74	73	0.12874	18.551
										3140	1	127	126		
										3141	1	535	534		
										3217	1	29	28		
										3237	1	417	416		
										3284	1	54	53		
										3288	1	239	238		
										3703	248	429	181		
										3834	42	43	1		
										3904	126	143	17		
										3939	351	451	100		
										4149	1	178	177		
										4167	1	15	14		
										4172	307	605	298		
										4219	109	156	47		
										4410	1	170	169		
										4424	200	738	538		
										8041	10	20	10		
										8061	25	45	20		
										81826	94	141	47		
										83252	1	154	153		
										85870	54	109	55		
										85893	1	1104	1103		
										85947	0	160	160		
										85960	0	1140	1140		
										86344	2	1010	1008		
										86370	2	1020	1018		
										86381	2	1001	999		
										86435	0	1000	1000		
										86514	0	1362	1362		
										86575	2	872	870		
										86587	2	996	994		
										6544	37838	38358	520		
										6546	41606	41737	131		
										6567	3046	3189	143		
										6613	385	613	228		
										67696	72947	74840	1893		
										67714	356	1050	694		
										88158	1	168	167		
										88160	141	211	70		
										62479	0	1105	1105		
										62492	0	1102	1102		
										81050	0	221	221		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
20										81085	0	812	812		
										81139	0	214	214		
										81887	0	1102	1102		
										149494	0	825	825		
										149524	0	449	449		
										149597	0	2215	2215		
										149615	0	6241	6241		
										149627	0	888	888		
										149780	0	2212	2212		
										149810	0	614	614		
										149846	0	1770	1770		
										149858	0	1245	1245		
										149860	0	154	154		
										149883	0	165	165		
										149895	0	22	22		
										149913	0	25	25		
										149949	0	85	85		
										150289	0	124	124		
										150307	0	1515	1515		
										150319	0	252	252		
										150344	0	2436	2436		
										150368	0	224	224		
										150381	0	551	551		
										150393	0	471	471		
										150411	0	115	115		
										150423	0	665	665		
										150435	0	554	554		
										150447	0	441	441		
										150459	0	116	116		
										150460	7445	7584	139		
										150484	36775	36858	83		
										150794	16269	16376	107		
										150800	4868	4881	13		
										150927	8915	9006	91		
										151038	9125	9156	31		
										151040		7816	7816		
										151142	1158	1320	162		
										151245	0	254	254		
										151348	0	884	884		
										151350	0	441	441		
										151579	0	114	114		
										151580	0	664	664		
Sub-Total -14									0.69398	Sub-Total -14		56524	0.12874	18.551	

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level KV	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
	TOTAL(SUB TOTAL -1+SUB TOTAL -2+SUB TOTAL -3+....+SUB TOTAL -14)								5.4582	LT LINE + COMMERCIAL LOSS IN LU			1.1443	20.96	
	DTR CONSUMPTION= 74% DTR IN BHOPAL CIRCLE HAVING (COMMERCIAL LOSS DUE TO THEFT + LT LINE LOSS) BOTH LOSSES = (11KV SIDE INPUT ENERGY - 11 KV LINE LOSS- 11 KV BULK CONSUMPTION)*0.74								525.3840	(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) W.R.T DTR INPUT ENERGY IN BHOPAL CIRCLE IN LU			110.1457	20.96	
	TOTAL LT LOSS IN LU												74.0949		
	APPROX COMMERCIAL LOSS DUE TO THEFT IN LU									(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) - TOTAL LT			36.0508		
	TOTAL INPUT ENERGY 11KV SIDE IN BHOPAL CIRCLE IN LU								768.0927	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 11KV SIDE INPUT ENERGY IN BHOPAL CIRCLE IN LU			36.0508	4.69	
	TOTAL INPUT ENERGY 33KV SIDE IN BHOPAL CIRCLE IN LU								1225.8570	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 33KV SIDE INPUT ENERGY IN BHOPAL CIRCLE IN LU			36.05	2.94	
N.B: 1) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).															
2) Considering if all LT feeder having same consumption then 74% of LT feeders having Commercial loss due to theft.															

**LT LINE LOSS WITH COMMERCIAL LOSS
ASSESSMENT OF MORENA CIRCLE OF
MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



F) LT LINE LOSS ASSESSMENT DETAIL OF MORENA CIRCLE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
1	SABALGARH DIVISION	KAILARAS PSS	33/11	KAILARAS CITY 1	100	ADAL X-MER NAHAR DTR KAI.TOWN1	3.5732	3.9099	0.3367	4624	2700		5160	0.12809	38.0428
						ADAL X-MER NAHAR DTR KAI.TOWN1						7860			
						ADAL X-MER NAHAR DTR KAI.TOWN1				4612	980	1580	600		
						ADAL X-MER NAHAR DTR KAI.TOWN1				4405	806	931	125		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126044	4	55	51		
						ADAL X-MER NAHAR DTR KAI.TOWN1				4788	5365	5505	140		
						ADAL X-MER NAHAR DTR KAI.TOWN1				61706	11205	11306	101		
						ADAL X-MER NAHAR DTR KAI.TOWN1				61524	7382	7432	50		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59220	21996	22092	96		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59219	39688	39847	159		
						ADAL X-MER NAHAR DTR KAI.TOWN1				27231	352	1902	1550		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149366	3	55	52		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126226	567	755	188		
						ADAL X-MER NAHAR DTR KAI.TOWN1				69681	494	624	130		
						ADAL X-MER NAHAR DTR KAI.TOWN1				69048	1090	1223	133		
						ADAL X-MER NAHAR DTR KAI.TOWN1				68731	4171	4266	95		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59979	1204	1344	140		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59888	2746	2847	101		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59517	1575	2075	500		
						ADAL X-MER NAHAR DTR KAI.TOWN1				53035	838	925	87		
						ADAL X-MER NAHAR DTR KAI.TOWN1				39270	876	900	24		
						ADAL X-MER NAHAR DTR KAI.TOWN1				39269	881	980	99		
						ADAL X-MER NAHAR DTR KAI.TOWN1				27401	2369	2469	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126202	231	255	24		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126743	1160	1220	60		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149263	5432	5455	23		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126585	776	855	79		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126184	2315	2555	240		
						ADAL X-MER NAHAR DTR KAI.TOWN1				39488	1786	1949	163		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149299	9874	9955	81		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126470	45	145	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126410	3256	3320	64		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126147	7765	7955	190		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71845	340	655	315		
						ADAL X-MER NAHAR DTR KAI.TOWN1				108881	986	1055	69		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ADAL X-MER NAHAR DTR KAI.TOWN1				126676	1159	1330	171		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71894	543	755	212		
						ADAL X-MER NAHAR DTR KAI.TOWN1				61731	812	932	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				153928	3322	3455	133		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149251	3456	3555	99		
						ADAL X-MER NAHAR DTR KAI.TOWN1				62674	598	678	80		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149287	2765	2955	190		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149275	2567	2655	88		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126780	987	1120	133		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126196	654	755	101		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126081	321	555	234		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126056	1987	2055	68		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126020	1543	1655	112		
						ADAL X-MER NAHAR DTR KAI.TOWN1				69176	1193	1353	160		
						ADAL X-MER NAHAR DTR KAI.TOWN1				58331	3750	3860	110		
						ADAL X-MER NAHAR DTR KAI.TOWN1				180208	2399	2608	209		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149354	1076	1155	79		
						ADAL X-MER NAHAR DTR KAI.TOWN1				21805	1186	1596	410		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71869	1654	1855	201		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71833	765	855	90		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71857	438	555	117		
						ADAL X-MER NAHAR DTR KAI.TOWN1				71286	265	320	55		
						ADAL X-MER NAHAR DTR KAI.TOWN1				68512	1339	1429	90		
						ADAL X-MER NAHAR DTR KAI.TOWN1				68032	98	218	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				67738	1537	1677	140		
						ADAL X-MER NAHAR DTR KAI.TOWN1				63952	2438	2558	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126792	1708	1908	200		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126380	2304	2442	138		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126354	1612	1790	178		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126342	309	429	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				108832	875	1120	245		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149767	1072	1192	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149720	2140	2320	180		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149639	1619	1719	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149615	8366	8707	341		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126652	738	858	120		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126627	221	355	134		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ADAL X-MER NAHAR DTR KAI.TOWN1				126561	187	355	168		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126548	864	955	91		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126421	764	855	91		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126251	1198	1355	157		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126240	5421	5655	234		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126172	1764	1955	191		
						ADAL X-MER NAHAR DTR KAI.TOWN1				64270	2250	2375	125		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149305	2356	2555	199		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126603	3217	3355	138		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126457	7654	7914	260		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126135	4578	4755	177		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126100	3479	3655	176		
						ADAL X-MER NAHAR DTR KAI.TOWN1				125994	4328	4455	127		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126263	1187	1255	68		
						ADAL X-MER NAHAR DTR KAI.TOWN1				154933	1058	1158	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126664	2867	2941	74		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126779	5228	5328	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126755	5786	5829	43		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126731	19472	19587	115		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126706	1028	1109	81		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126329	2719	2869	150		
						ADAL X-MER NAHAR DTR KAI.TOWN1				126317	2454	2665	211		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149688	424	595	171		
						ADAL X-MER NAHAR DTR KAI.TOWN1				149652	4321	4347	26		
						ADAL X-MER NAHAR DTR KAI.TOWN1				63745	710	850	140		
						ADAL X-MER NAHAR DTR KAI.TOWN1				63277	2	102	100		
						ADAL X-MER NAHAR DTR KAI.TOWN1				63083	6665	6775	110		
						ADAL X-MER NAHAR DTR KAI.TOWN1				59505	4308	4438	130		
						ADAL X-MER NAHAR DTR KAI.TOWN1				41136	1297	1413	116		
						ADAL X-MER NAHAR DTR KAI.TOWN1				25738	4243	4353	110		
						ADAL X-MER NAHAR DTR KAI.TOWN1				31891	4204	4339	135		
						ADAL X-MER NAHAR DTR KAI.TOWN1				27012	480	620	140		
						Sub-Total -1			0.3367	Sub-Total -1			20861	0.12809	38.0428

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
100						ADAL X-MER PETROL P.DTR KAI.T1	2.3657	2.58448	0.21878	4302	6661	6871	210	0.097	44.3368
						ADAL X-MER PETROL P.DTR KAI.T1				4442	5503	6063	560		
						ADAL X-MER PETROL P.DTR KAI.T1				20492	1617	1958	341		
						ADAL X-MER PETROL P.DTR KAI.T1				63575	208	695	487		
						ADAL X-MER PETROL P.DTR KAI.T1				62716	7723	8033	310		
						ADAL X-MER PETROL P.DTR KAI.T1				20571	900	1001	101		
						ADAL X-MER PETROL P.DTR KAI.T1				4685	1477	1577	100		
						ADAL X-MER PETROL P.DTR KAI.T1				64415	2	302	300		
						ADAL X-MER PETROL P.DTR KAI.T1				54519	9158	9268	110		
						ADAL X-MER PETROL P.DTR KAI.T1				20534	3368	3508	140		
						ADAL X-MER PETROL P.DTR KAI.T1				4545	4710	4909	199		
						ADAL X-MER PETROL P.DTR KAI.T1				4223	2771	2981	210		
						ADAL X-MER PETROL P.DTR KAI.T1				34399	2499	2639	140		
						ADAL X-MER PETROL P.DTR KAI.T1				69863	2151	2251	100		
						ADAL X-MER PETROL P.DTR KAI.T1				67921	1361	1481	120		
						ADAL X-MER PETROL P.DTR KAI.T1				59785	807	908	101		
						ADAL X-MER PETROL P.DTR KAI.T1				53989	4839	4989	150		
						ADAL X-MER PETROL P.DTR KAI.T1				54751	480	585	105		
						ADAL X-MER PETROL P.DTR KAI.T1				52171	564	704	140		
						ADAL X-MER PETROL P.DTR KAI.T1				51658	785	895	110		
						ADAL X-MER PETROL P.DTR KAI.T1				40405	1820	1921	101		
						ADAL X-MER PETROL P.DTR KAI.T1				32585	909	1025	116		
						ADAL X-MER PETROL P.DTR KAI.T1				22970	5288	5478	190		
						ADAL X-MER PETROL P.DTR KAI.T1				20583	4949	5089	140		
						ADAL X-MER PETROL P.DTR KAI.T1				20546	699	800	101		
						ADAL X-MER PETROL P.DTR KAI.T1				4569	1215	1325	110		
						ADAL X-MER PETROL P.DTR KAI.T1				65596	41483	42069	586		
						ADAL X-MER PETROL P.DTR KAI.T1				64701	18184	18433	249		
						ADAL X-MER PETROL P.DTR KAI.T1				51385	2960	3400	440		
						ADAL X-MER PETROL P.DTR KAI.T1				69929	4447	4544	97		
						ADAL X-MER PETROL P.DTR KAI.T1				69498	2630	2740	110		
						ADAL X-MER PETROL P.DTR KAI.T1				63137	1333	1473	140		
						ADAL X-MER PETROL P.DTR KAI.T1				62704	539	659	120		
						ADAL X-MER PETROL P.DTR KAI.T1				58653	3748	3811	63		
						ADAL X-MER PETROL P.DTR KAI.T1				55688	7535	7645	110		
						ADAL X-MER PETROL P.DTR KAI.T1				55240	6357	6457	100		
						ADAL X-MER PETROL P.DTR KAI.T1				54600	11392	11566	174		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ADAL X-MER PETROL P.DTR KAI.T1				34351	226	395	169		
						ADAL X-MER PETROL P.DTR KAI.T1				39191	6868	6968	100		
						ADAL X-MER PETROL P.DTR KAI.T1				71985	5543	5598	55		
						ADAL X-MER PETROL P.DTR KAI.T1				24497	1589	1709	120		
						ADAL X-MER PETROL P.DTR KAI.T1				22889	6262	6351	89		
						ADAL X-MER PETROL P.DTR KAI.T1				23808	16829	17035	206		
						ADAL X-MER PETROL P.DTR KAI.T1				68240	1821	2213	392		
						ADAL X-MER PETROL P.DTR KAI.T1				26949	2899	3009	110		
						ADAL X-MER PETROL P.DTR KAI.T1				25489	336	446	110		
						ADAL X-MER PETROL P.DTR KAI.T1				4478	9857	9956	99		
						ADAL X-MER PETROL P.DTR KAI.T1				51397	1702	1803	101		
						ADAL X-MER PETROL P.DTR KAI.T1				1014715	22505	23158	653		
						ADAL X-MER PETROL P.DTR KAI.T1				51350	8500	8640	140		
						ADAL X-MER PETROL P.DTR KAI.T1				20510	873	983	110		
						ADAL X-MER PETROL P.DTR KAI.T1				1014661	23037	23294	257		
						ADAL X-MER PETROL P.DTR KAI.T1				58239	3271	3401	130		
						ADAL X-MER PETROL P.DTR KAI.T1				14911	26573	27082	509		
						ADAL X-MER PETROL P.DTR KAI.T1				68482	1325	1425	100		
						ADAL X-MER PETROL P.DTR KAI.T1				68408	731	871	140		
						ADAL X-MER PETROL P.DTR KAI.T1				68251	1802	1894	92		
						ADAL X-MER PETROL P.DTR KAI.T1				67969	2473	2571	98		
						ADAL X-MER PETROL P.DTR KAI.T1				67945	1822	1942	120		
						ADAL X-MER PETROL P.DTR KAI.T1				65961	638	778	140		
						ADAL X-MER PETROL P.DTR KAI.T1				27103	14129	14180	51		
						ADAL X-MER PETROL P.DTR KAI.T1				71912	214	269	55		
						ADAL X-MER PETROL P.DTR KAI.T1				67878	1778	1898	120		
						ADAL X-MER PETROL P.DTR KAI.T1				71948	1187	1292	105		
						ADAL X-MER PETROL P.DTR KAI.T1				71936	9875	10005	130		
						ADAL X-MER PETROL P.DTR KAI.T1				71924	1456	1511	55		
						ADAL X-MER PETROL P.DTR KAI.T1				71900	341	452	111		
						ADAL X-MER PETROL P.DTR KAI.T1				68123	1	191	190		
						ADAL X-MER PETROL P.DTR KAI.T1				20522	2620	2960	340		
						Sub-Total -2			0.21878	Sub-Total -2			12178	0.097	44.3368

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					100	ALOPI BAGIYA WALA DTR KAI 1	3.3537	3.689	0.3353	4429	3086	3196	110	0.11685	34.8494
						ALOPI BAGIYA WALA DTR KAI 1				27905	1235	1530	295		
						ALOPI BAGIYA WALA DTR KAI 1				61652	1	113	112		
						ALOPI BAGIYA WALA DTR KAI 1				63400	2	215	213		
						ALOPI BAGIYA WALA DTR KAI 1				63022	4494	4614	120		
						ALOPI BAGIYA WALA DTR KAI 1				61676	4011	4931	920		
						ALOPI BAGIYA WALA DTR KAI 1				29501	2278	2888	610		
						ALOPI BAGIYA WALA DTR KAI 1				63551	934	1449	515		
						ALOPI BAGIYA WALA DTR KAI 1				57338	9	109	100		
						ALOPI BAGIYA WALA DTR KAI 1				57314	2200	2300	100		
						ALOPI BAGIYA WALA DTR KAI 1				345406	1236	1356	120		
						ALOPI BAGIYA WALA DTR KAI 1				71031	1	148	147		
						ALOPI BAGIYA WALA DTR KAI 1				69656	913	1033	120		
						ALOPI BAGIYA WALA DTR KAI 1				69085	838	936	98		
						ALOPI BAGIYA WALA DTR KAI 1				67740	7977	8065	88		
						ALOPI BAGIYA WALA DTR KAI 1				66990	94	204	110		
						ALOPI BAGIYA WALA DTR KAI 1				66540	3297	3377	80		
						ALOPI BAGIYA WALA DTR KAI 1				69700	994	1114	120		
						ALOPI BAGIYA WALA DTR KAI 1				63848	2	123	121		
						ALOPI BAGIYA WALA DTR KAI 1				63836	871	996	125		
						ALOPI BAGIYA WALA DTR KAI 1				574055	254	355	101		
						ALOPI BAGIYA WALA DTR KAI 1				65894	4008	7087	3079		
						ALOPI BAGIYA WALA DTR KAI 1				57454	253	353	100		
						ALOPI BAGIYA WALA DTR KAI 1				57430	309	409	100		
						ALOPI BAGIYA WALA DTR KAI 1				57387	123	223	100		
						ALOPI BAGIYA WALA DTR KAI 1				57375	313	413	100		
						ALOPI BAGIYA WALA DTR KAI 1				152304	3345	3595	250		
						ALOPI BAGIYA WALA DTR KAI 1				57363	137	237	100		
						ALOPI BAGIYA WALA DTR KAI 1				58112	5675	5895	220		
						ALOPI BAGIYA WALA DTR KAI 1				39063	4139	4215	76		
						ALOPI BAGIYA WALA DTR KAI 1				57399	123	223	100		
						ALOPI BAGIYA WALA DTR KAI 1				106483	1123	1178	55		
						ALOPI BAGIYA WALA DTR KAI 1				126524	543	598	55		
						ALOPI BAGIYA WALA DTR KAI 1				126482	1356	1411	55		
						ALOPI BAGIYA WALA DTR KAI 1				126469	4321	4376	55		
						ALOPI BAGIYA WALA DTR KAI 1				193800	53	153	100		
						ALOPI BAGIYA WALA DTR KAI 1				157960	193	313	120		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ALOPI BAGIYA WALA DTR KAI 1				126536	1137	1192	55		
						ALOPI BAGIYA WALA DTR KAI 1				157107	819	928	109		
						ALOPI BAGIYA WALA DTR KAI 1				4417	4417	4527	110		
						ALOPI BAGIYA WALA DTR KAI 1				193690	53	153	100		
						ALOPI BAGIYA WALA DTR KAI 1				157223	1026	1118	92		
						ALOPI BAGIYA WALA DTR KAI 1				57340	13	113	100		
						ALOPI BAGIYA WALA DTR KAI 1				57326	57	157	100		
						ALOPI BAGIYA WALA DTR KAI 1				193732	70	170	100		
						ALOPI BAGIYA WALA DTR KAI 1				200748	5	135	130		
						ALOPI BAGIYA WALA DTR KAI 1				197737	3	143	140		
						ALOPI BAGIYA WALA DTR KAI 1				56711	15408	15708	300		
						ALOPI BAGIYA WALA DTR KAI 1				197749	3	134	131		
						ALOPI BAGIYA WALA DTR KAI 1				68822	259	373	114		
						ALOPI BAGIYA WALA DTR KAI 1				65201	2	107	105		
						ALOPI BAGIYA WALA DTR KAI 1				63563	183	324	141		
						ALOPI BAGIYA WALA DTR KAI 1				63411	974	1114	140		
						ALOPI BAGIYA WALA DTR KAI 1				62420	118	232	114		
						ALOPI BAGIYA WALA DTR KAI 1				62017	3034	3134	100		
						ALOPI BAGIYA WALA DTR KAI 1				61918	1480	1580	100		
						ALOPI BAGIYA WALA DTR KAI 1				61639	119	224	105		
						ALOPI BAGIYA WALA DTR KAI 1				58689	3279	3468	189		
						ALOPI BAGIYA WALA DTR KAI 1				53205	4159	4249	90		
						ALOPI BAGIYA WALA DTR KAI 1				38885	3319	3426	107		
						ALOPI BAGIYA WALA DTR KAI 1				37819	3430	3518	88		
						ALOPI BAGIYA WALA DTR KAI 1				36827	6225	6318	93		
						ALOPI BAGIYA WALA DTR KAI 1				35318	1190	1310	120		
						ALOPI BAGIYA WALA DTR KAI 1				34089	6026	6136	110		
						ALOPI BAGIYA WALA DTR KAI 1				34077	5050	5160	110		
						ALOPI BAGIYA WALA DTR KAI 1				27899	7895	8025	130		
						ALOPI BAGIYA WALA DTR KAI 1				199175	209	404	195		
						ALOPI BAGIYA WALA DTR KAI 1				157247	1736	1835	99		
						ALOPI BAGIYA WALA DTR KAI 1				33012	1443	1553	110		
						ALOPI BAGIYA WALA DTR KAI 1				199000	3	123	120		
						ALOPI BAGIYA WALA DTR KAI 1				126330	2356	2411	55		
						ALOPI BAGIYA WALA DTR KAI 1				38423	1456	1566	110		
						ALOPI BAGIYA WALA DTR KAI 1				34090	2	112	110		
						ALOPI BAGIYA WALA DTR KAI 1				198950	110	240	130		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ALOPI BAGIYA WALA DTR KAI 1				150496	1913	2027	114		
						ALOPI BAGIYA WALA DTR KAI 1				154830	1145	1200	55		
						ALOPI BAGIYA WALA DTR KAI 1				69346	1658	1744	86		
						ALOPI BAGIYA WALA DTR KAI 1				66588	2	102	100		
						ALOPI BAGIYA WALA DTR KAI 1				63964	23	153	130		
						ALOPI BAGIYA WALA DTR KAI 1				61834	1004	1124	120		
						ALOPI BAGIYA WALA DTR KAI 1				61664	1794	1924	130		
						ALOPI BAGIYA WALA DTR KAI 1				61640	2012	2113	101		
						ALOPI BAGIYA WALA DTR KAI 1				30760	234	334	100		
						ALOPI BAGIYA WALA DTR KAI 1				185190	395	515	120		
						ALOPI BAGIYA WALA DTR KAI 1				126366	321	376	55		
						ALOPI BAGIYA WALA DTR KAI 1				69000	2405	2505	100		
						ALOPI BAGIYA WALA DTR KAI 1				32251	457	7157	6700		
						ALOPI BAGIYA WALA DTR KAI 1				57442	50	150	100		
						ALOPI BAGIYA WALA DTR KAI 1				63034	4498	4623	125		
						ALOPI BAGIYA WALA DTR KAI 1				21568	3356	3506	150		
						ALOPI BAGIYA WALA DTR KAI 1				163016	529	649	120		
						ALOPI BAGIYA WALA DTR KAI 1				69917	2514	2611	97		
						Sub-Total -3			0.3353	Sub-Total -3			21845	0.11685	34.8494
					200	AMBEDAKAR MARG DTR KAI .TOWN 1	7.3527	8.04	0.6873	1982	3068	4008	940	0.28785	41.8813
						AMBEDAKAR MARG DTR KAI .TOWN 1				1994	2100	2234	134		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2081	3059	8224	5165		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2512	1308	2458	1150		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2500	962	2152	1190		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2410	565	717	152		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2007	1271	2371	1100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2779	2466	2566	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				61931	1016	2126	1110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				55123	1775	3919	2144		
						AMBEDAKAR MARG DTR KAI .TOWN 1				54910	4252	4359	107		
						AMBEDAKAR MARG DTR KAI .TOWN 1				54260	1814	1937	123		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53795	150	301	151		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53758	3665	4615	950		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53461	1898	2049	151		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53448	1235	1345	110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53308	750	860	110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31027	1248	1358	110		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						AMBEDAKAR MARG DTR KAI .TOWN 1				30229	2829	2974	145		
						AMBEDAKAR MARG DTR KAI .TOWN 1				29999	2093	2253	160		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3267	3401	3541	140		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3140	3595	3819	224		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3115	1031	1131	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3073	3218	3331	113		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2860	1028	1208	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2822	3469	3656	187		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2470	2556	2968	412		
						AMBEDAKAR MARG DTR KAI .TOWN 1				180385	1906	2075	169		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2469	63	519	456		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1970	7	257	250		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31039	1116	1293	177		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3218	1274	1442	168		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1921	4309	4449	140		
						AMBEDAKAR MARG DTR KAI .TOWN 1				30990	2450	2570	120		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1945	1281	1451	170		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31015	1140	1240	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				180129	714	815	101		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3061	1525	1635	110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1891	8	138	130		
						AMBEDAKAR MARG DTR KAI .TOWN 1				150769	1149	1249	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				66692	20885	21122	237		
						AMBEDAKAR MARG DTR KAI .TOWN 1				179607	1046	1811	765		
						AMBEDAKAR MARG DTR KAI .TOWN 1				150563	2210	2411	201		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53527	2750	3000	250		
						AMBEDAKAR MARG DTR KAI .TOWN 1				202137	5	82	77		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53310	1332	1490	158		
						AMBEDAKAR MARG DTR KAI .TOWN 1				51191	4568	4728	160		
						AMBEDAKAR MARG DTR KAI .TOWN 1				34296	3316	3429	113		
						AMBEDAKAR MARG DTR KAI .TOWN 1				168490	544	644	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				168397	2224	2404	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				164483	1055	1440	385		
						AMBEDAKAR MARG DTR KAI .TOWN 1				164057	645	746	101		
						AMBEDAKAR MARG DTR KAI .TOWN 1				163247	973	1136	163		
						AMBEDAKAR MARG DTR KAI .TOWN 1				185267	854	954	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				164008	1000	2180	1180		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						AMBEDAKAR MARG DTR KAI .TOWN 1				163260	635	765	130		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161652	781	881	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161469	802	942	140		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161111	1060	1240	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161019	996	1097	101		
						AMBEDAKAR MARG DTR KAI .TOWN 1				160714	1053	1156	103		
						AMBEDAKAR MARG DTR KAI .TOWN 1				160696	1128	1260	132		
						AMBEDAKAR MARG DTR KAI .TOWN 1				160659	1396	1526	130		
						AMBEDAKAR MARG DTR KAI .TOWN 1				153941	1723	1843	120		
						AMBEDAKAR MARG DTR KAI .TOWN 1				163510	2086	2319	233		
						AMBEDAKAR MARG DTR KAI .TOWN 1				163480	2453	2698	245		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161676	425	570	145		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161275	459	570	111		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161184	1108	1223	115		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161100	1881	2302	421		
						AMBEDAKAR MARG DTR KAI .TOWN 1				160969	1122	1482	360		
						AMBEDAKAR MARG DTR KAI .TOWN 1				160933	1405	1578	173		
						AMBEDAKAR MARG DTR KAI .TOWN 1				157272	7938	8276	338		
						AMBEDAKAR MARG DTR KAI .TOWN 1				180361	43	177	134		
						AMBEDAKAR MARG DTR KAI .TOWN 1				66229	50	150	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				182941	1011	1099	88		
						AMBEDAKAR MARG DTR KAI .TOWN 1				54556	1948	2149	201		
						AMBEDAKAR MARG DTR KAI .TOWN 1				4004	3521	4049	528		
						AMBEDAKAR MARG DTR KAI .TOWN 1				187434	105	1239	1134		
						AMBEDAKAR MARG DTR KAI .TOWN 1				185243	1016	1327	311		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53450	1928	2049	121		
						AMBEDAKAR MARG DTR KAI .TOWN 1				53321	1282	1407	125		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3255	1105	1297	192		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3206	929	1072	143		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2846	2480	2726	246		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2780	2495	2915	420		
						AMBEDAKAR MARG DTR KAI .TOWN 1				179980	638	962	324		
						AMBEDAKAR MARG DTR KAI .TOWN 1				179917	800	900	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				170690	951	1220	269		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31295	820	921	101		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2421	1280	1380	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2019	1620	1754	134		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	tion Transformer Location- Code/Bulk Consumer L	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						AMBEDAKAR MARG DTR KAI .TOWN 1				180002	368	678	310		
						AMBEDAKAR MARG DTR KAI .TOWN 1				26852	1124	1574	450		
						AMBEDAKAR MARG DTR KAI .TOWN 1				163107	678	779	101		
						AMBEDAKAR MARG DTR KAI .TOWN 1				161329	742	862	120		
						AMBEDAKAR MARG DTR KAI .TOWN 1				51828	1365	1464	99		
						AMBEDAKAR MARG DTR KAI .TOWN 1				34922	2345	2802	457		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1933	1158	1263	105		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1910	1291	1394	103		
						AMBEDAKAR MARG DTR KAI .TOWN 1				179747	926	1177	251		
						AMBEDAKAR MARG DTR KAI .TOWN 1				41021	1661	2249	588		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31260	1959	2110	151		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31222	1339	1559	220		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31090	244	811	567		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31076	995	1109	114		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2020	4219	4399	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1878	20700	20861	161		
						AMBEDAKAR MARG DTR KAI .TOWN 1				1830	704	855	151		
						AMBEDAKAR MARG DTR KAI .TOWN 1				63630	2569	2638	69		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31003	1496	1656	160		
						AMBEDAKAR MARG DTR KAI .TOWN 1				25076	27490	27780	290		
						AMBEDAKAR MARG DTR KAI .TOWN 1				164021	794	897	103		
						AMBEDAKAR MARG DTR KAI .TOWN 1				62388	1882	2146	264		
						AMBEDAKAR MARG DTR KAI .TOWN 1				52869	2293	2530	237		
						AMBEDAKAR MARG DTR KAI .TOWN 1				52602	1369	1469	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				40004	160	270	110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				39439	760	940	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				38939	940	1047	107		
						AMBEDAKAR MARG DTR KAI .TOWN 1				37662	882	1033	151		
						AMBEDAKAR MARG DTR KAI .TOWN 1				37571	1446	1647	201		
						AMBEDAKAR MARG DTR KAI .TOWN 1				37406	5789	5889	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				35471	1763	1860	97		
						AMBEDAKAR MARG DTR KAI .TOWN 1				34909	1180	1285	105		
						AMBEDAKAR MARG DTR KAI .TOWN 1				31143	4779	5194	415		
						AMBEDAKAR MARG DTR KAI .TOWN 1				30886	535	587	52		
						AMBEDAKAR MARG DTR KAI .TOWN 1				30874	499	663	164		
						AMBEDAKAR MARG DTR KAI .TOWN 1				25283	1123	1303	180		
						AMBEDAKAR MARG DTR KAI .TOWN 1				24709	1201	1402	201		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						AMBEDAKAR MARG DTR KAI .TOWN 1				24692	470	550	80		
						AMBEDAKAR MARG DTR KAI .TOWN 1				24643	2355	2661	306		
						AMBEDAKAR MARG DTR KAI .TOWN 1				24631	1530	1645	115		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3310	1295	1410	115		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3243	1011	1121	110		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3164	852	972	120		
						AMBEDAKAR MARG DTR KAI .TOWN 1				3139	120	220	100		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2809	3713	4071	358		
						AMBEDAKAR MARG DTR KAI .TOWN 1				2792	3240	3400	160		
						Sub-Total -4			0.6873	Sub-Total -4			39945	0.28785	41.8813
					200	ANAJ MANDI GALI DTR KAI. TOWN1	8.3572	8.9225	0.5653	5240	9262	9362	100	0.19039	33.6795
						ANAJ MANDI GALI DTR KAI. TOWN1				5252	7491	8650	1159		
						ANAJ MANDI GALI DTR KAI. TOWN1				27450	1539	2700	1161		
						ANAJ MANDI GALI DTR KAI. TOWN1				27541	3266	3417	151		
						ANAJ MANDI GALI DTR KAI. TOWN1				27516	3896	4276	380		
						ANAJ MANDI GALI DTR KAI. TOWN1				27474	170	264	94		
						ANAJ MANDI GALI DTR KAI. TOWN1				25120	2910	5010	2100		
						ANAJ MANDI GALI DTR KAI. TOWN1				41318	23	243	220		
						ANAJ MANDI GALI DTR KAI. TOWN1				31120	3251	3381	130		
						ANAJ MANDI GALI DTR KAI. TOWN1				69220	2073	2187	114		
						ANAJ MANDI GALI DTR KAI. TOWN1				68720	1496	2174	678		
						ANAJ MANDI GALI DTR KAI. TOWN1				65912	2698	2818	120		
						ANAJ MANDI GALI DTR KAI. TOWN1				63990	1708	1848	140		
						ANAJ MANDI GALI DTR KAI. TOWN1				27462	6648	6788	140		
						ANAJ MANDI GALI DTR KAI. TOWN1				39397	2456	2611	155		
						ANAJ MANDI GALI DTR KAI. TOWN1				38680	7506	7684	178		
						ANAJ MANDI GALI DTR KAI. TOWN1				108583	9076	9231	155		
						ANAJ MANDI GALI DTR KAI. TOWN1				56190	7860	8014	154		
						ANAJ MANDI GALI DTR KAI. TOWN1				56188	8481	8612	131		
						ANAJ MANDI GALI DTR KAI. TOWN1				56164	3852	4115	263		
						ANAJ MANDI GALI DTR KAI. TOWN1				56139	4509	4709	200		
						ANAJ MANDI GALI DTR KAI. TOWN1				52298	8063	10703	2640		
						ANAJ MANDI GALI DTR KAI. TOWN1				39890	7404	9564	2160		
						ANAJ MANDI GALI DTR KAI. TOWN1				39798	8773	9943	1170		
						ANAJ MANDI GALI DTR KAI. TOWN1				38046	3396	5606	2210		
						ANAJ MANDI GALI DTR KAI. TOWN1				37613	2956	5076	2120		
						ANAJ MANDI GALI DTR KAI. TOWN1				202800	1143	3393	2250		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANAJ MANDI GALI DTR KAI. TOWN1				52638	2192	4638	2446		
						ANAJ MANDI GALI DTR KAI. TOWN1				51853	4749	6869	2120		
						ANAJ MANDI GALI DTR KAI. TOWN1				69942	1238	1531	293		
						ANAJ MANDI GALI DTR KAI. TOWN1				69899	1626	3756	2130		
						ANAJ MANDI GALI DTR KAI. TOWN1				69486	1145	3285	2140		
						ANAJ MANDI GALI DTR KAI. TOWN1				59440	5621	5816	195		
						ANAJ MANDI GALI DTR KAI. TOWN1				59098	2674	2854	180		
						ANAJ MANDI GALI DTR KAI. TOWN1				59074	3480	3640	160		
						ANAJ MANDI GALI DTR KAI. TOWN1				58847	6001	6376	375		
						ANAJ MANDI GALI DTR KAI. TOWN1				58835	7202	7368	166		
						ANAJ MANDI GALI DTR KAI. TOWN1				57041	3001	3158	157		
						ANAJ MANDI GALI DTR KAI. TOWN1				57030	8071	8284	213		
						ANAJ MANDI GALI DTR KAI. TOWN1				56851	13427	13607	180		
						ANAJ MANDI GALI DTR KAI. TOWN1				37194	4041	4262	221		
						ANAJ MANDI GALI DTR KAI. TOWN1				27530	6371	6511	140		
						ANAJ MANDI GALI DTR KAI. TOWN1				27528	8476	8596	120		
						ANAJ MANDI GALI DTR KAI. TOWN1				163284	692	852	160		
						ANAJ MANDI GALI DTR KAI. TOWN1				108406	325	380	55		
						ANAJ MANDI GALI DTR KAI. TOWN1				57120	2999	3159	160		
						ANAJ MANDI GALI DTR KAI. TOWN1				56929	2716	2836	120		
						ANAJ MANDI GALI DTR KAI. TOWN1				54313	6650	7426	776		
						ANAJ MANDI GALI DTR KAI. TOWN1				5914	400	600	200		
						ANAJ MANDI GALI DTR KAI. TOWN1				5264	3351	3456	105		
						ANAJ MANDI GALI DTR KAI. TOWN1				51890	8333	8781	448		
						ANAJ MANDI GALI DTR KAI. TOWN1				68597	1037	1197	160		
						ANAJ MANDI GALI DTR KAI. TOWN1				59980	3404	3704	300		
						ANAJ MANDI GALI DTR KAI. TOWN1				56292	5988	6123	135		
						ANAJ MANDI GALI DTR KAI. TOWN1				56255	7992	8156	164		
						ANAJ MANDI GALI DTR KAI. TOWN1				62030	2552	2599	47		
						ANAJ MANDI GALI DTR KAI. TOWN1				61512	2425	2545	120		
						ANAJ MANDI GALI DTR KAI. TOWN1				58690	2483	2529	46		
						ANAJ MANDI GALI DTR KAI. TOWN1				57831	2242	2372	130		
						ANAJ MANDI GALI DTR KAI. TOWN1				57028	10222	10388	166		
						ANAJ MANDI GALI DTR KAI. TOWN1				56954	7974	8094	120		
						ANAJ MANDI GALI DTR KAI. TOWN1				56942	2260	2370	110		
						ANAJ MANDI GALI DTR KAI. TOWN1				56486	847	972	125		
						ANAJ MANDI GALI DTR KAI. TOWN1				52985	4393	4541	148		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANAJ MANDI GALI DTR KAI. TOWN1				27498	7413	7573	160		
						ANAJ MANDI GALI DTR KAI. TOWN1				55081	2949	3825	876		
						ANAJ MANDI GALI DTR KAI. TOWN1				55287	15246	15560	314		
						ANAJ MANDI GALI DTR KAI. TOWN1				69152	492	622	130		
						ANAJ MANDI GALI DTR KAI. TOWN1				67957	3287	3370	83		
						ANAJ MANDI GALI DTR KAI. TOWN1				67131	3649	3736	87		
						ANAJ MANDI GALI DTR KAI. TOWN1				65213	2544	2631	87		
						ANAJ MANDI GALI DTR KAI. TOWN1				63680	733	833	100		
						ANAJ MANDI GALI DTR KAI. TOWN1				62340	2641	2791	150		
						Sub-Total -5			0.5653	Sub-Total -5			37491	0.19039	33.6795
100						ANTRI BABU JI WALA DTR KAI 1	4.9387	5.246	0.3073	61890	215	333	118	0.11514	37.4683
						ANTRI BABU JI WALA DTR KAI 1				20984	690	800	110		
						ANTRI BABU JI WALA DTR KAI 1				21034	360	500	140		
						ANTRI BABU JI WALA DTR KAI 1				21137	2062	2182	120		
						ANTRI BABU JI WALA DTR KAI 1				21071	700	810	110		
						ANTRI BABU JI WALA DTR KAI 1				21060	199	329	130		
						ANTRI BABU JI WALA DTR KAI 1				20996	630	1031	401		
						ANTRI BABU JI WALA DTR KAI 1				21150	1111	1221	110		
						ANTRI BABU JI WALA DTR KAI 1				192030	81	281	200		
						ANTRI BABU JI WALA DTR KAI 1				163028	396	736	340		
						ANTRI BABU JI WALA DTR KAI 1				195601	78	118	40		
						ANTRI BABU JI WALA DTR KAI 1				190342	346	406	60		
						ANTRI BABU JI WALA DTR KAI 1				195571	3	113	110		
						ANTRI BABU JI WALA DTR KAI 1				193768	62	165	103		
						ANTRI BABU JI WALA DTR KAI 1				192790	223	331	108		
						ANTRI BABU JI WALA DTR KAI 1				192454	581	679	98		
						ANTRI BABU JI WALA DTR KAI 1				192387	384	471	87		
						ANTRI BABU JI WALA DTR KAI 1				192284	125	225	100		
						ANTRI BABU JI WALA DTR KAI 1				191980	349	439	90		
						ANTRI BABU JI WALA DTR KAI 1				192200	358	438	80		
						ANTRI BABU JI WALA DTR KAI 1				193665	53	154	101		
						ANTRI BABU JI WALA DTR KAI 1				197725	8	73	65		
						ANTRI BABU JI WALA DTR KAI 1				192430	639	676	37		
						ANTRI BABU JI WALA DTR KAI 1				191991	522	622	100		
						ANTRI BABU JI WALA DTR KAI 1				157934	2324	2358	34		
						ANTRI BABU JI WALA DTR KAI 1				106446	410	460	50		
						ANTRI BABU JI WALA DTR KAI 1				71687	700	795	95		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				192119	828	926	98		
						ANTRI BABU JI WALA DTR KAI 1				193872	1276	1373	97		
						ANTRI BABU JI WALA DTR KAI 1				192697	233	321	88		
						ANTRI BABU JI WALA DTR KAI 1				192557	12	112	100		
						ANTRI BABU JI WALA DTR KAI 1				192510	323	413	90		
						ANTRI BABU JI WALA DTR KAI 1				192478	544	634	90		
						ANTRI BABU JI WALA DTR KAI 1				192429	441	520	79		
						ANTRI BABU JI WALA DTR KAI 1				192302	27	47	20		
						ANTRI BABU JI WALA DTR KAI 1				192156	512	530	18		
						ANTRI BABU JI WALA DTR KAI 1				107890	0	55	55		
						ANTRI BABU JI WALA DTR KAI 1				55950	218	428	210		
						ANTRI BABU JI WALA DTR KAI 1				192788	264	307	43		
						ANTRI BABU JI WALA DTR KAI 1				192673	342	435	93		
						ANTRI BABU JI WALA DTR KAI 1				192624	231	331	100		
						ANTRI BABU JI WALA DTR KAI 1				192480	53	73	20		
						ANTRI BABU JI WALA DTR KAI 1				192405	468	488	20		
						ANTRI BABU JI WALA DTR KAI 1				192363	88	150	62		
						ANTRI BABU JI WALA DTR KAI 1				192340	3	43	40		
						ANTRI BABU JI WALA DTR KAI 1				192314	380	400	20		
						ANTRI BABU JI WALA DTR KAI 1				192235	48	88	40		
						ANTRI BABU JI WALA DTR KAI 1				154659	332	387	55		
						ANTRI BABU JI WALA DTR KAI 1				108601	776	831	55		
						ANTRI BABU JI WALA DTR KAI 1				68263	322	402	80		
						ANTRI BABU JI WALA DTR KAI 1				64221	2	102	100		
						ANTRI BABU JI WALA DTR KAI 1				62996	213	294	81		
						ANTRI BABU JI WALA DTR KAI 1				62959	198	261	63		
						ANTRI BABU JI WALA DTR KAI 1				62479	371	441	70		
						ANTRI BABU JI WALA DTR KAI 1				59116	2125	2205	80		
						ANTRI BABU JI WALA DTR KAI 1				55937	339	387	48		
						ANTRI BABU JI WALA DTR KAI 1				21204	843	983	140		
						ANTRI BABU JI WALA DTR KAI 1				21149	570	710	140		
						ANTRI BABU JI WALA DTR KAI 1				21046	226	326	100		
						ANTRI BABU JI WALA DTR KAI 1				21009	1098	1198	100		
						ANTRI BABU JI WALA DTR KAI 1				192739	957	1057	100		
						ANTRI BABU JI WALA DTR KAI 1				192181	3	143	140		
						ANTRI BABU JI WALA DTR KAI 1				192600	157	278	121		
						ANTRI BABU JI WALA DTR KAI 1				192338	3	23	20		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				192508	110	210	100		
						ANTRI BABU JI WALA DTR KAI 1				192004	253	268	15		
						ANTRI BABU JI WALA DTR KAI 1				69840	653	748	95		
						ANTRI BABU JI WALA DTR KAI 1				62637	1634	1654	20		
						ANTRI BABU JI WALA DTR KAI 1				62601	2	42	40		
						ANTRI BABU JI WALA DTR KAI 1				62534	897	916	19		
						ANTRI BABU JI WALA DTR KAI 1				62510	1702	1736	34		
						ANTRI BABU JI WALA DTR KAI 1				59396	188	273	85		
						ANTRI BABU JI WALA DTR KAI 1				59359	1262	1402	140		
						ANTRI BABU JI WALA DTR KAI 1				58914	2124	2204	80		
						ANTRI BABU JI WALA DTR KAI 1				54350	864	874	10		
						ANTRI BABU JI WALA DTR KAI 1				54039	665	705	40		
						ANTRI BABU JI WALA DTR KAI 1				21095	793	833	40		
						ANTRI BABU JI WALA DTR KAI 1				21022	997	1137	140		
						ANTRI BABU JI WALA DTR KAI 1				6396	285	385	100		
						ANTRI BABU JI WALA DTR KAI 1				190470	404	481	77		
						ANTRI BABU JI WALA DTR KAI 1				108674	504	599	95		
						ANTRI BABU JI WALA DTR KAI 1				192636	183	303	120		
						ANTRI BABU JI WALA DTR KAI 1				192594	651	751	100		
						ANTRI BABU JI WALA DTR KAI 1				192442	120	190	70		
						ANTRI BABU JI WALA DTR KAI 1				192399	3	13	10		
						ANTRI BABU JI WALA DTR KAI 1				192375	343	400	57		
						ANTRI BABU JI WALA DTR KAI 1				192351	229	242	13		
						ANTRI BABU JI WALA DTR KAI 1				192326	17	137	120		
						ANTRI BABU JI WALA DTR KAI 1				192296	25	145	120		
						ANTRI BABU JI WALA DTR KAI 1				192247	314	376	62		
						ANTRI BABU JI WALA DTR KAI 1				191978	735	775	40		
						ANTRI BABU JI WALA DTR KAI 1				71110	1780	1800	20		
						ANTRI BABU JI WALA DTR KAI 1				71092	1035	1114	79		
						ANTRI BABU JI WALA DTR KAI 1				67489	1969	1979	10		
						ANTRI BABU JI WALA DTR KAI 1				62935	262	322	60		
						ANTRI BABU JI WALA DTR KAI 1				62595	449	513	64		
						ANTRI BABU JI WALA DTR KAI 1				62571	702	718	16		
						ANTRI BABU JI WALA DTR KAI 1				59360	759	859	100		
						ANTRI BABU JI WALA DTR KAI 1				59207	157	197	40		
						ANTRI BABU JI WALA DTR KAI 1				58859	1693	1789	96		
						ANTRI BABU JI WALA DTR KAI 1				56322	1008	1220	212		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				55263	612	710	98		
						ANTRI BABU JI WALA DTR KAI 1				51786	746	761	15		
						ANTRI BABU JI WALA DTR KAI 1				41392	737	836	99		
						ANTRI BABU JI WALA DTR KAI 1				40879	3400	3410	10		
						ANTRI BABU JI WALA DTR KAI 1				40740	319	449	130		
						ANTRI BABU JI WALA DTR KAI 1				40739	829	869	40		
						ANTRI BABU JI WALA DTR KAI 1				39579	775	940	165		
						ANTRI BABU JI WALA DTR KAI 1				39567	669	768	99		
						ANTRI BABU JI WALA DTR KAI 1				39452	862	882	20		
						ANTRI BABU JI WALA DTR KAI 1				39257	221	320	99		
						ANTRI BABU JI WALA DTR KAI 1				39221	811	821	10		
						ANTRI BABU JI WALA DTR KAI 1				39002	443	453	10		
						ANTRI BABU JI WALA DTR KAI 1				38897	827	847	20		
						ANTRI BABU JI WALA DTR KAI 1				34739	93	203	110		
						ANTRI BABU JI WALA DTR KAI 1				27875	946	1111	165		
						ANTRI BABU JI WALA DTR KAI 1				21228	520	530	10		
						ANTRI BABU JI WALA DTR KAI 1				21216	84	144	60		
						ANTRI BABU JI WALA DTR KAI 1				21113	490	530	40		
						ANTRI BABU JI WALA DTR KAI 1				21058	490	530	40		
						ANTRI BABU JI WALA DTR KAI 1				202186	4	104	100		
						ANTRI BABU JI WALA DTR KAI 1				202113	4	114	110		
						ANTRI BABU JI WALA DTR KAI 1				67337	265	355	90		
						ANTRI BABU JI WALA DTR KAI 1				203671	4	47	43		
						ANTRI BABU JI WALA DTR KAI 1				203660	4	80	76		
						ANTRI BABU JI WALA DTR KAI 1				193811	53	154	101		
						ANTRI BABU JI WALA DTR KAI 1				193707	115	216	101		
						ANTRI BABU JI WALA DTR KAI 1				190408	666	706	40		
						ANTRI BABU JI WALA DTR KAI 1				168373	1685	1692	7		
						ANTRI BABU JI WALA DTR KAI 1				164460	715	835	120		
						ANTRI BABU JI WALA DTR KAI 1				164124	946	1076	130		
						ANTRI BABU JI WALA DTR KAI 1				108091	123	178	55		
						ANTRI BABU JI WALA DTR KAI 1				108054	332	387	55		
						ANTRI BABU JI WALA DTR KAI 1				106872	187	242	55		
						ANTRI BABU JI WALA DTR KAI 1				35161	404	504	100		
						ANTRI BABU JI WALA DTR KAI 1				199709	100	220	120		
						ANTRI BABU JI WALA DTR KAI 1				193938	212	292	80		
						ANTRI BABU JI WALA DTR KAI 1				200610	95	175	80		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				192569	138	248	110		
						ANTRI BABU JI WALA DTR KAI 1				54830	435	617	182		
						ANTRI BABU JI WALA DTR KAI 1				200670	135	325	190		
						ANTRI BABU JI WALA DTR KAI 1				192764	10	105	95		
						ANTRI BABU JI WALA DTR KAI 1				192533	219	309	90		
						ANTRI BABU JI WALA DTR KAI 1				192053	161	223	62		
						ANTRI BABU JI WALA DTR KAI 1				192028	769	899	130		
						ANTRI BABU JI WALA DTR KAI 1				192650	350	450	100		
						ANTRI BABU JI WALA DTR KAI 1				192132	441	491	50		
						ANTRI BABU JI WALA DTR KAI 1				199643	180	230	50		
						ANTRI BABU JI WALA DTR KAI 1				190597	4194	4204	10		
						ANTRI BABU JI WALA DTR KAI 1				193744	551	672	121		
						ANTRI BABU JI WALA DTR KAI 1				192570	545	724	179		
						ANTRI BABU JI WALA DTR KAI 1				192223	493	583	90		
						ANTRI BABU JI WALA DTR KAI 1				192144	691	834	143		
						ANTRI BABU JI WALA DTR KAI 1				192065	782	807	25		
						ANTRI BABU JI WALA DTR KAI 1				202125	5	99	94		
						ANTRI BABU JI WALA DTR KAI 1				193793	54	155	101		
						ANTRI BABU JI WALA DTR KAI 1				193756	659	763	104		
						ANTRI BABU JI WALA DTR KAI 1				200566	95	163	68		
						ANTRI BABU JI WALA DTR KAI 1				62558	2682	2736	54		
						ANTRI BABU JI WALA DTR KAI 1				200682	100	170	70		
						ANTRI BABU JI WALA DTR KAI 1				192776	315	395	80		
						ANTRI BABU JI WALA DTR KAI 1				192545	436	534	98		
						ANTRI BABU JI WALA DTR KAI 1				192491	2245	2310	65		
						ANTRI BABU JI WALA DTR KAI 1				192466	107	199	92		
						ANTRI BABU JI WALA DTR KAI 1				192417	482	572	90		
						ANTRI BABU JI WALA DTR KAI 1				192272	1269	1298	29		
						ANTRI BABU JI WALA DTR KAI 1				203476	5	82	77		
						ANTRI BABU JI WALA DTR KAI 1				202149	5	95	90		
						ANTRI BABU JI WALA DTR KAI 1				200499	160	309	149		
						ANTRI BABU JI WALA DTR KAI 1				199655	505	528	23		
						ANTRI BABU JI WALA DTR KAI 1				195583	321	414	93		
						ANTRI BABU JI WALA DTR KAI 1				192715	50	170	120		
						ANTRI BABU JI WALA DTR KAI 1				108546	887	942	55		
						ANTRI BABU JI WALA DTR KAI 1				108443	118	173	55		
						ANTRI BABU JI WALA DTR KAI 1				108388	402	481	79		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				108352	318	367	49		
						ANTRI BABU JI WALA DTR KAI 1				108315	5543	5598	55		
						ANTRI BABU JI WALA DTR KAI 1				107785	754	809	55		
						ANTRI BABU JI WALA DTR KAI 1				107499	97664	97719	55		
						ANTRI BABU JI WALA DTR KAI 1				69190	75	215	140		
						ANTRI BABU JI WALA DTR KAI 1				66916	174	334	160		
						ANTRI BABU JI WALA DTR KAI 1				63435	2747	2845	98		
						ANTRI BABU JI WALA DTR KAI 1				63009	2	102	100		
						ANTRI BABU JI WALA DTR KAI 1				62984	225	285	60		
						ANTRI BABU JI WALA DTR KAI 1				62972	1797	1917	120		
						ANTRI BABU JI WALA DTR KAI 1				62947	861	900	39		
						ANTRI BABU JI WALA DTR KAI 1				62509	215	295	80		
						ANTRI BABU JI WALA DTR KAI 1				59803	368	478	110		
						ANTRI BABU JI WALA DTR KAI 1				71109	674	747	73		
						ANTRI BABU JI WALA DTR KAI 1				52778	403	513	110		
						ANTRI BABU JI WALA DTR KAI 1				71742	423	478	55		
						ANTRI BABU JI WALA DTR KAI 1				71390	1063	1128	65		
						ANTRI BABU JI WALA DTR KAI 1				64683	134	189	55		
						ANTRI BABU JI WALA DTR KAI 1				63617	245	300	55		
						ANTRI BABU JI WALA DTR KAI 1				62686	4532	4587	55		
						ANTRI BABU JI WALA DTR KAI 1				62480	647	737	90		
						ANTRI BABU JI WALA DTR KAI 1				30813	18	58	40		
						ANTRI BABU JI WALA DTR KAI 1				106630	878	978	100		
						ANTRI BABU JI WALA DTR KAI 1				106598	6544	6599	55		
						ANTRI BABU JI WALA DTR KAI 1				106471	887	942	55		
						ANTRI BABU JI WALA DTR KAI 1				106409	177	243	66		
						ANTRI BABU JI WALA DTR KAI 1				72102	428	490	62		
						ANTRI BABU JI WALA DTR KAI 1				108534	246	301	55		
						ANTRI BABU JI WALA DTR KAI 1				107906	1365	1465	100		
						ANTRI BABU JI WALA DTR KAI 1				106501	986	1041	55		
						ANTRI BABU JI WALA DTR KAI 1				160957	2043	2193	150		
						ANTRI BABU JI WALA DTR KAI 1				187884	904	1004	100		
						ANTRI BABU JI WALA DTR KAI 1				108637	764	819	55		
						ANTRI BABU JI WALA DTR KAI 1				108509	113	168	55		
						ANTRI BABU JI WALA DTR KAI 1				108479	8765	8820	55		
						ANTRI BABU JI WALA DTR KAI 1				108420	8854	8909	55		
						ANTRI BABU JI WALA DTR KAI 1				108340	139	219	80		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						ANTRI BABU JI WALA DTR KAI 1				108133	883	898	15		
						ANTRI BABU JI WALA DTR KAI 1				107505	825	940	115		
						ANTRI BABU JI WALA DTR KAI 1				106823	1314	1369	55		
						ANTRI BABU JI WALA DTR KAI 1				21230	270	418	148		
						ANTRI BABU JI WALA DTR KAI 1				69450	1341	1481	140		
						ANTRI BABU JI WALA DTR KAI 1				67544	115	150	35		
						ANTRI BABU JI WALA DTR KAI 1				65675	13424	13479	55		
						ANTRI BABU JI WALA DTR KAI 1				62250	713	831	118		
						ANTRI BABU JI WALA DTR KAI 1				21125	1165	1206	41		
						ANTRI BABU JI WALA DTR KAI 1				21010	420	535	115		
						ANTRI BABU JI WALA DTR KAI 1				71316	1	121	120		
						ANTRI BABU JI WALA DTR KAI 1				59475	438	538	100		
						ANTRI BABU JI WALA DTR KAI 1				59451	86	186	100		
						ANTRI BABU JI WALA DTR KAI 1				59372	788	948	160		
						ANTRI BABU JI WALA DTR KAI 1				59104	145	225	80		
						ANTRI BABU JI WALA DTR KAI 1				59062	208	312	104		
						ANTRI BABU JI WALA DTR KAI 1				58884	381	431	50		
						ANTRI BABU JI WALA DTR KAI 1				21198	1176	1316	140		
						ANTRI BABU JI WALA DTR KAI 1				21162	943	1083	140		
						Sub-Total -6			0.3073	Sub-Total -6			19216	0.11514	37.4683
					200	BAJRANG MARG WALA DTR KAI.TO 1	8.3682	9.038	0.6698	9208	3263	3373	110	0.27263	40.7032
						BAJRANG MARG WALA DTR KAI.TO 1				23237	32	132	100		
						BAJRANG MARG WALA DTR KAI.TO 1				7960	5064	6228	1164		
						BAJRANG MARG WALA DTR KAI.TO 1				9336	2100	2275	175		
						BAJRANG MARG WALA DTR KAI.TO 1				9324	3389	3549	160		
						BAJRANG MARG WALA DTR KAI.TO 1				9312	5823	5983	160		
						BAJRANG MARG WALA DTR KAI.TO 1				57521	65	165	100		
						BAJRANG MARG WALA DTR KAI.TO 1				9592	7112	7231	119		
						BAJRANG MARG WALA DTR KAI.TO 1				9750	6032	6590	558		
						BAJRANG MARG WALA DTR KAI.TO 1				9579	3192	3302	110		
						BAJRANG MARG WALA DTR KAI.TO 1				9269	7656	7816	160		
						BAJRANG MARG WALA DTR KAI.TO 1				9233	2420	2540	120		
						BAJRANG MARG WALA DTR KAI.TO 1				7959	988	1138	150		
						BAJRANG MARG WALA DTR KAI.TO 1				7947	4999	5169	170		
						BAJRANG MARG WALA DTR KAI.TO 1				170483	1288	1445	157		
						BAJRANG MARG WALA DTR KAI.TO 1				190329	690	881	191		
						BAJRANG MARG WALA DTR KAI.TO 1				168476	629	869	240		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BAJRANG MARG WALA DTR KAI.TO 1				168257	1257	1341	84		
						BAJRANG MARG WALA DTR KAI.TO 1				164380	3065	3168	103		
						BAJRANG MARG WALA DTR KAI.TO 1				164343	469	569	100		
						BAJRANG MARG WALA DTR KAI.TO 1				164033	800	925	125		
						BAJRANG MARG WALA DTR KAI.TO 1				200487	139	203	64		
						BAJRANG MARG WALA DTR KAI.TO 1				164331	1821	1983	162		
						BAJRANG MARG WALA DTR KAI.TO 1				164215	1134	1294	160		
						BAJRANG MARG WALA DTR KAI.TO 1				164136	1380	1496	116		
						BAJRANG MARG WALA DTR KAI.TO 1				163995	1795	2000	205		
						BAJRANG MARG WALA DTR KAI.TO 1				37637	3110	3249	139		
						BAJRANG MARG WALA DTR KAI.TO 1				38988	2839	3098	259		
						BAJRANG MARG WALA DTR KAI.TO 1				33449	4103	4353	250		
						BAJRANG MARG WALA DTR KAI.TO 1				183064	1732	1943	211		
						BAJRANG MARG WALA DTR KAI.TO 1				183003	1679	2262	583		
						BAJRANG MARG WALA DTR KAI.TO 1				9713	1035	1145	110		
						BAJRANG MARG WALA DTR KAI.TO 1				180403	915	1075	160		
						BAJRANG MARG WALA DTR KAI.TO 1				35033	111	211	100		
						BAJRANG MARG WALA DTR KAI.TO 1				9531	4077	4289	212		
						BAJRANG MARG WALA DTR KAI.TO 1				195480	527	1418	891		
						BAJRANG MARG WALA DTR KAI.TO 1				66412	1250	1505	255		
						BAJRANG MARG WALA DTR KAI.TO 1				62455	13	113	100		
						BAJRANG MARG WALA DTR KAI.TO 1				62108	3749	3849	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28363	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28314	1275	1375	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28156	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28090	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28077	985	1100	115		
						BAJRANG MARG WALA DTR KAI.TO 1				10279	4062	4298	236		
						BAJRANG MARG WALA DTR KAI.TO 1				10061	1287	1390	103		
						BAJRANG MARG WALA DTR KAI.TO 1				9981	2185	2363	178		
						BAJRANG MARG WALA DTR KAI.TO 1				9671	2244	2364	120		
						BAJRANG MARG WALA DTR KAI.TO 1				31994	915	1091	176		
						BAJRANG MARG WALA DTR KAI.TO 1				23195	5375	5495	120		
						BAJRANG MARG WALA DTR KAI.TO 1				9646	1140	1300	160		
						BAJRANG MARG WALA DTR KAI.TO 1				7935	8365	8622	257		
						BAJRANG MARG WALA DTR KAI.TO 1				181584	1177	1277	100		
						BAJRANG MARG WALA DTR KAI.TO 1				69097	75	235	160		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BAJRANG MARG WALA DTR KAI.TO 1				55410	1399	1499	100		
						BAJRANG MARG WALA DTR KAI.TO 1				37390	1392	1492	100		
						BAJRANG MARG WALA DTR KAI.TO 1				37352	2265	2463	198		
						BAJRANG MARG WALA DTR KAI.TO 1				26305	3838	4038	200		
						BAJRANG MARG WALA DTR KAI.TO 1				187604	108	671	563		
						BAJRANG MARG WALA DTR KAI.TO 1				151622	9632	9914	282		
						BAJRANG MARG WALA DTR KAI.TO 1				28259	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				168385	2606	2851	245		
						BAJRANG MARG WALA DTR KAI.TO 1				65079	2094	2195	101		
						BAJRANG MARG WALA DTR KAI.TO 1				28296	98	1198	1100		
						BAJRANG MARG WALA DTR KAI.TO 1				9919	1773	1947	174		
						BAJRANG MARG WALA DTR KAI.TO 1				9877	6825	7000	175		
						BAJRANG MARG WALA DTR KAI.TO 1				58227	4529	6462	1933		
						BAJRANG MARG WALA DTR KAI.TO 1				9348	4475	4655	180		
						BAJRANG MARG WALA DTR KAI.TO 1				183120	1768	1956	188		
						BAJRANG MARG WALA DTR KAI.TO 1				150680	10674	10958	284		
						BAJRANG MARG WALA DTR KAI.TO 1				56474	24472	24819	347		
						BAJRANG MARG WALA DTR KAI.TO 1				164112	718	2104	1386		
						BAJRANG MARG WALA DTR KAI.TO 1				55690	3700	4038	338		
						BAJRANG MARG WALA DTR KAI.TO 1				54623	1720	1870	150		
						BAJRANG MARG WALA DTR KAI.TO 1				66620	3249	3383	134		
						BAJRANG MARG WALA DTR KAI.TO 1				9816	3852	4158	306		
						BAJRANG MARG WALA DTR KAI.TO 1				21921	765	1954	1189		
						BAJRANG MARG WALA DTR KAI.TO 1				183040	1106	2393	1287		
						BAJRANG MARG WALA DTR KAI.TO 1				9737	4824	5205	381		
						BAJRANG MARG WALA DTR KAI.TO 1				67222	915	2025	1110		
						BAJRANG MARG WALA DTR KAI.TO 1				62078	1178	1732	554		
						BAJRANG MARG WALA DTR KAI.TO 1				200621	147	276	129		
						BAJRANG MARG WALA DTR KAI.TO 1				200438	507	608	101		
						BAJRANG MARG WALA DTR KAI.TO 1				200517	72	183	111		
						BAJRANG MARG WALA DTR KAI.TO 1				197816	214	267	53		
						BAJRANG MARG WALA DTR KAI.TO 1				50964	5100	5140	40		
						BAJRANG MARG WALA DTR KAI.TO 1				195613	818	910	92		
						BAJRANG MARG WALA DTR KAI.TO 1				52262	636	720	84		
						BAJRANG MARG WALA DTR KAI.TO 1				50368	5613	5753	140		
						BAJRANG MARG WALA DTR KAI.TO 1				39970	7923	8083	160		
						BAJRANG MARG WALA DTR KAI.TO 1				36852	3295	3495	200		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BAJRANG MARG WALA DTR KAI.TO 1				34818	98	218	120		
						BAJRANG MARG WALA DTR KAI.TO 1				33644	2600	2916	316		
						BAJRANG MARG WALA DTR KAI.TO 1				33231	140	300	160		
						BAJRANG MARG WALA DTR KAI.TO 1				31416	767	916	149		
						BAJRANG MARG WALA DTR KAI.TO 1				28272	2576	2776	200		
						BAJRANG MARG WALA DTR KAI.TO 1				28247	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28235	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28193	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28132	8	108	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28120	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28119	10	110	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28016	1853	2000	147		
						BAJRANG MARG WALA DTR KAI.TO 1				27980	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				23183	819	959	140		
						BAJRANG MARG WALA DTR KAI.TO 1				9798	2198	2315	117		
						BAJRANG MARG WALA DTR KAI.TO 1				68214	9	129	120		
						BAJRANG MARG WALA DTR KAI.TO 1				65791	3140	3345	205		
						BAJRANG MARG WALA DTR KAI.TO 1				58781	1835	2073	238		
						BAJRANG MARG WALA DTR KAI.TO 1				38630	4105	4267	162		
						BAJRANG MARG WALA DTR KAI.TO 1				38617	38	138	100		
						BAJRANG MARG WALA DTR KAI.TO 1				38459	2098	2239	141		
						BAJRANG MARG WALA DTR KAI.TO 1				38344	2595	2755	160		
						BAJRANG MARG WALA DTR KAI.TO 1				35719	9768	10100	332		
						BAJRANG MARG WALA DTR KAI.TO 1				33917	415	575	160		
						BAJRANG MARG WALA DTR KAI.TO 1				33516	4810	4970	160		
						BAJRANG MARG WALA DTR KAI.TO 1				33220	104	651	547		
						BAJRANG MARG WALA DTR KAI.TO 1				33218	1575	1700	125		
						BAJRANG MARG WALA DTR KAI.TO 1				33000	2247	2428	181		
						BAJRANG MARG WALA DTR KAI.TO 1				27425	4700	4825	125		
						BAJRANG MARG WALA DTR KAI.TO 1				25908	4451	4691	240		
						BAJRANG MARG WALA DTR KAI.TO 1				23262	191	391	200		
						BAJRANG MARG WALA DTR KAI.TO 1				34843	655	709	54		
						BAJRANG MARG WALA DTR KAI.TO 1				9828	2917	2993	76		
						BAJRANG MARG WALA DTR KAI.TO 1				9385	2999	3031	32		
						BAJRANG MARG WALA DTR KAI.TO 1				39324	4060	4179	119		
						BAJRANG MARG WALA DTR KAI.TO 1				164148	931	1031	100		
						BAJRANG MARG WALA DTR KAI.TO 1				163971	876	1036	160		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BAJRANG MARG WALA DTR KAI.TO 1				33279	443	1108	665		
						BAJRANG MARG WALA DTR KAI.TO 1				9890	28	148	120		
						BAJRANG MARG WALA DTR KAI.TO 1				9841	174	284	110		
						BAJRANG MARG WALA DTR KAI.TO 1				9774	127	267	140		
						BAJRANG MARG WALA DTR KAI.TO 1				9660	2580	2895	315		
						BAJRANG MARG WALA DTR KAI.TO 1				9610	2303	2444	141		
						BAJRANG MARG WALA DTR KAI.TO 1				9580	11957	12257	300		
						BAJRANG MARG WALA DTR KAI.TO 1				9555	3023	3304	281		
						BAJRANG MARG WALA DTR KAI.TO 1				9490	5515	6086	571		
						BAJRANG MARG WALA DTR KAI.TO 1				9439	1865	2100	235		
						BAJRANG MARG WALA DTR KAI.TO 1				31404	213	293	80		
						BAJRANG MARG WALA DTR KAI.TO 1				30989	10041	10151	110		
						BAJRANG MARG WALA DTR KAI.TO 1				30904	2865	2975	110		
						BAJRANG MARG WALA DTR KAI.TO 1				28302	1729	1829	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28200	315	415	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28181	98	198	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28168	117	217	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28065	1802	1902	100		
						BAJRANG MARG WALA DTR KAI.TO 1				28004	1086	1186	100		
						BAJRANG MARG WALA DTR KAI.TO 1				64180	27	167	140		
						BAJRANG MARG WALA DTR KAI.TO 1				58793	3671	3864	193		
						BAJRANG MARG WALA DTR KAI.TO 1				55378	4560	4682	122		
						BAJRANG MARG WALA DTR KAI.TO 1				54635	3140	3303	163		
						BAJRANG MARG WALA DTR KAI.TO 1				50150	3768	3933	165		
						BAJRANG MARG WALA DTR KAI.TO 1				36864	6108	6358	250		
						BAJRANG MARG WALA DTR KAI.TO 1				34867	705	825	120		
						BAJRANG MARG WALA DTR KAI.TO 1				34855	98	218	120		
						BAJRANG MARG WALA DTR KAI.TO 1				31465	1200	1335	135		
						BAJRANG MARG WALA DTR KAI.TO 1				9907	3100	3566	466		
						BAJRANG MARG WALA DTR KAI.TO 1				9488	2784	2964	180		
						BAJRANG MARG WALA DTR KAI.TO 1				9452	4577	4588	11		
						BAJRANG MARG WALA DTR KAI.TO 1				9361	6030	6230	200		
						BAJRANG MARG WALA DTR KAI.TO 1				27358	4610	4720	110		
						BAJRANG MARG WALA DTR KAI.TO 1				61720	29085	29100	15		
						BAJRANG MARG WALA DTR KAI.TO 1				52316	959	1079	120		
						BAJRANG MARG WALA DTR KAI.TO 1				65225	2410	2520	110		
						BAJRANG MARG WALA DTR KAI.TO 1				64210	1309	1419	110		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BAJRANG MARG WALA DTR KAI.TO 1				23250	3000	3100	100		
						BAJRANG MARG WALA DTR KAI.TO 1				10115	635	735	100		
						BAJRANG MARG WALA DTR KAI.TO 1				10073	1215	1322	107		
						BAJRANG MARG WALA DTR KAI.TO 1				10036	287	397	110		
						BAJRANG MARG WALA DTR KAI.TO 1				10012	1698	1821	123		
						BAJRANG MARG WALA DTR KAI.TO 1				10000	2850	3308	458		
						BAJRANG MARG WALA DTR KAI.TO 1				9993	2630	2796	166		
						BAJRANG MARG WALA DTR KAI.TO 1				9920	10	160	150		
						BAJRANG MARG WALA DTR KAI.TO 1				9415	1730	1840	110		
						BAJRANG MARG WALA DTR KAI.TO 1				9373	10	210	200		
						BAJRANG MARG WALA DTR KAI.TO 1				65900	2441	2641	200		
						BAJRANG MARG WALA DTR KAI.TO 1				63850	492	652	160		
						BAJRANG MARG WALA DTR KAI.TO 1				36876	7042	7165	123		
						BAJRANG MARG WALA DTR KAI.TO 1				25763	5352	5476	124		
						BAJRANG MARG WALA DTR KAI.TO 1				9889	721	1010	289		
						BAJRANG MARG WALA DTR KAI.TO 1				9683	3350	3480	130		
						Sub-Total -7			0.6698	Sub-Total -7			39717	0.27263	40.7032
					200	BHOTA(MANDI GATE) WALA DTR K 1	9.2561	9.907	0.6509	108698	134	289	155	0.27579	42.3706
						BHOTA(MANDI GATE) WALA DTR K 1				5768	2507	2682	175		
						BHOTA(MANDI GATE) WALA DTR K 1				35367	5723	5833	110		
						BHOTA(MANDI GATE) WALA DTR K 1				57478	5148	5318	170		
						BHOTA(MANDI GATE) WALA DTR K 1				57107	3076	3186	110		
						BHOTA(MANDI GATE) WALA DTR K 1				52250	876	2031	1155		
						BHOTA(MANDI GATE) WALA DTR K 1				29938	8047	10161	2114		
						BHOTA(MANDI GATE) WALA DTR K 1				63149	5743	6894	1151		
						BHOTA(MANDI GATE) WALA DTR K 1				47175	1655	5879	4224		
						BHOTA(MANDI GATE) WALA DTR K 1				66709	44649	45809	1160		
						BHOTA(MANDI GATE) WALA DTR K 1				59736	5954	6555	601		
						BHOTA(MANDI GATE) WALA DTR K 1				14030	7274	7619	345		
						BHOTA(MANDI GATE) WALA DTR K 1				168543	117	232	115		
						BHOTA(MANDI GATE) WALA DTR K 1				68494	3214	3347	133		
						BHOTA(MANDI GATE) WALA DTR K 1				63230	780	920	140		
						BHOTA(MANDI GATE) WALA DTR K 1				63198	2435	2993	558		
						BHOTA(MANDI GATE) WALA DTR K 1				63162	5410	5560	150		
						BHOTA(MANDI GATE) WALA DTR K 1				108418	116	171	55		
						BHOTA(MANDI GATE) WALA DTR K 1				108376	665	720	55		
						BHOTA(MANDI GATE) WALA DTR K 1				185279	851	979	128		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BHOTA(MANDI GATE) WALA DTR K 1				108558	110	165	55		
						BHOTA(MANDI GATE) WALA DTR K 1				108339	986	1041	55		
						BHOTA(MANDI GATE) WALA DTR K 1				65470	495	665	170		
						BHOTA(MANDI GATE) WALA DTR K 1				177453	247	297	50		
						BHOTA(MANDI GATE) WALA DTR K 1				162991	1313	1533	220		
						BHOTA(MANDI GATE) WALA DTR K 1				5707	2330	2465	135		
						BHOTA(MANDI GATE) WALA DTR K 1				62315	1772	1912	140		
						BHOTA(MANDI GATE) WALA DTR K 1				52699	1187	1308	121		
						BHOTA(MANDI GATE) WALA DTR K 1				187781	593	712	119		
						BHOTA(MANDI GATE) WALA DTR K 1				190421	129	189	60		
						BHOTA(MANDI GATE) WALA DTR K 1				190330	564	792	228		
						BHOTA(MANDI GATE) WALA DTR K 1				168531	1012	1165	153		
						BHOTA(MANDI GATE) WALA DTR K 1				150435	1178	1233	55		
						BHOTA(MANDI GATE) WALA DTR K 1				108807	115	170	55		
						BHOTA(MANDI GATE) WALA DTR K 1				108650	1167	1222	55		
						BHOTA(MANDI GATE) WALA DTR K 1				202162	5	105	100		
						BHOTA(MANDI GATE) WALA DTR K 1				202290	4	164	160		
						BHOTA(MANDI GATE) WALA DTR K 1				203579	4	104	100		
						BHOTA(MANDI GATE) WALA DTR K 1				193884	103	233	130		
						BHOTA(MANDI GATE) WALA DTR K 1				200580	118	222	104		
						BHOTA(MANDI GATE) WALA DTR K 1				200700	432	537	105		
						BHOTA(MANDI GATE) WALA DTR K 1				67052	60906	61485	579		
						BHOTA(MANDI GATE) WALA DTR K 1				65973	36812	37487	675		
						BHOTA(MANDI GATE) WALA DTR K 1				62923	39626	40577	951		
						BHOTA(MANDI GATE) WALA DTR K 1				58902	29431	30747	1316		
						BHOTA(MANDI GATE) WALA DTR K 1				57727	48301	48700	399		
						BHOTA(MANDI GATE) WALA DTR K 1				54003	3800	3860	60		
						BHOTA(MANDI GATE) WALA DTR K 1				52419	48843	52140	3297		
						BHOTA(MANDI GATE) WALA DTR K 1				39981	1575	1665	90		
						BHOTA(MANDI GATE) WALA DTR K 1				27310	22731	26094	3363		
						BHOTA(MANDI GATE) WALA DTR K 1				22117	91732	92882	1150		
						BHOTA(MANDI GATE) WALA DTR K 1				203490	4	104	100		
						BHOTA(MANDI GATE) WALA DTR K 1				170586	813	985	172		
						BHOTA(MANDI GATE) WALA DTR K 1				107116	332	387	55		
						BHOTA(MANDI GATE) WALA DTR K 1				70956	2802	2922	120		
						BHOTA(MANDI GATE) WALA DTR K 1				69644	5341	5537	196		
						BHOTA(MANDI GATE) WALA DTR K 1				69292	3046	3159	113		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BHOTA(MANDI GATE) WALA DTR K 1				69231	2105	2239	134		
						BHOTA(MANDI GATE) WALA DTR K 1				68100	3099	3229	130		
						BHOTA(MANDI GATE) WALA DTR K 1				67260	1247	1377	130		
						BHOTA(MANDI GATE) WALA DTR K 1				63605	776	902	126		
						BHOTA(MANDI GATE) WALA DTR K 1				63599	359	463	104		
						BHOTA(MANDI GATE) WALA DTR K 1				63186	2065	2205	140		
						BHOTA(MANDI GATE) WALA DTR K 1				59463	2804	2944	140		
						BHOTA(MANDI GATE) WALA DTR K 1				55007	7142	7277	135		
						BHOTA(MANDI GATE) WALA DTR K 1				52286	543	643	100		
						BHOTA(MANDI GATE) WALA DTR K 1				51762	2400	2525	125		
						BHOTA(MANDI GATE) WALA DTR K 1				50990	278	379	101		
						BHOTA(MANDI GATE) WALA DTR K 1				39841	8458	8598	140		
						BHOTA(MANDI GATE) WALA DTR K 1				38782	2981	3166	185		
						BHOTA(MANDI GATE) WALA DTR K 1				35410	3872	3992	120		
						BHOTA(MANDI GATE) WALA DTR K 1				35409	1279	1410	131		
						BHOTA(MANDI GATE) WALA DTR K 1				34570	4101	4212	111		
						BHOTA(MANDI GATE) WALA DTR K 1				199102	94	174	80		
						BHOTA(MANDI GATE) WALA DTR K 1				202071	5	105	100		
						BHOTA(MANDI GATE) WALA DTR K 1				202204	5	105	100		
						BHOTA(MANDI GATE) WALA DTR K 1				200724	5	100	95		
						BHOTA(MANDI GATE) WALA DTR K 1				193823	353	434	81		
						BHOTA(MANDI GATE) WALA DTR K 1				168403	114	249	135		
						BHOTA(MANDI GATE) WALA DTR K 1				37790	4469	4629	160		
						BHOTA(MANDI GATE) WALA DTR K 1				187665	979	1082	103		
						BHOTA(MANDI GATE) WALA DTR K 1				199126	5	135	130		
						BHOTA(MANDI GATE) WALA DTR K 1				199138	1187	1347	160		
						BHOTA(MANDI GATE) WALA DTR K 1				187641	1118	1179	61		
						BHOTA(MANDI GATE) WALA DTR K 1				35641	1165	1325	160		
						BHOTA(MANDI GATE) WALA DTR K 1				199631	198	318	120		
						BHOTA(MANDI GATE) WALA DTR K 1				151609	2026	2150	124		
						BHOTA(MANDI GATE) WALA DTR K 1				199151	381	568	187		
						BHOTA(MANDI GATE) WALA DTR K 1				195558	37	97	60		
						BHOTA(MANDI GATE) WALA DTR K 1				190500	1134	1235	101		
						BHOTA(MANDI GATE) WALA DTR K 1				187574	392	434	42		
						BHOTA(MANDI GATE) WALA DTR K 1				187859	342	482	140		
						BHOTA(MANDI GATE) WALA DTR K 1				154040	13616	14113	497		
						BHOTA(MANDI GATE) WALA DTR K 1				192077	272	291	19		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Location Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						BHOTA(MANDI GATE) WALA DTR K 1				187896	525	605	80		
						BHOTA(MANDI GATE) WALA DTR K 1				187495	644	781	137		
						BHOTA(MANDI GATE) WALA DTR K 1				185292	959	1074	115		
						BHOTA(MANDI GATE) WALA DTR K 1				177465	5432	5532	100		
						BHOTA(MANDI GATE) WALA DTR K 1				154090	1841	1911	70		
						BHOTA(MANDI GATE) WALA DTR K 1				108492	987	1541	554		
						BHOTA(MANDI GATE) WALA DTR K 1				187446	114	264	150		
						BHOTA(MANDI GATE) WALA DTR K 1				177556	730	852	122		
						BHOTA(MANDI GATE) WALA DTR K 1				187835	765	825	60		
						BHOTA(MANDI GATE) WALA DTR K 1				185140	1308	1408	100		
						BHOTA(MANDI GATE) WALA DTR K 1				181742	663	898	235		
						BHOTA(MANDI GATE) WALA DTR K 1				177799	2000	2776	776		
						BHOTA(MANDI GATE) WALA DTR K 1				5951	4346	4521	175		
						BHOTA(MANDI GATE) WALA DTR K 1				5653	4111	4266	155		
						BHOTA(MANDI GATE) WALA DTR K 1				68068	2254	2374	120		
						BHOTA(MANDI GATE) WALA DTR K 1				192168	548	980	432		
						BHOTA(MANDI GATE) WALA DTR K 1				108145	2341	2396	55		
						BHOTA(MANDI GATE) WALA DTR K 1				107153	119	174	55		
						BHOTA(MANDI GATE) WALA DTR K 1				183271	580	642	62		
						BHOTA(MANDI GATE) WALA DTR K 1				177430	2367	2532	165		
						BHOTA(MANDI GATE) WALA DTR K 1				126287	1107	1162	55		
						BHOTA(MANDI GATE) WALA DTR K 1				108649	1187	1282	95		
						BHOTA(MANDI GATE) WALA DTR K 1				108595	2345	2430	85		
						BHOTA(MANDI GATE) WALA DTR K 1				108467	765	1002	237		
						BHOTA(MANDI GATE) WALA DTR K 1				63060	776	831	55		
						BHOTA(MANDI GATE) WALA DTR K 1				63058	24	125	101		
						BHOTA(MANDI GATE) WALA DTR K 1				63046	965	1020	55		
						BHOTA(MANDI GATE) WALA DTR K 1				177532	648	744	96		
						BHOTA(MANDI GATE) WALA DTR K 1				177441	54	184	130		
						BHOTA(MANDI GATE) WALA DTR K 1				170598	748	920	172		
						BHOTA(MANDI GATE) WALA DTR K 1				64403	0	95	95		
						BHOTA(MANDI GATE) WALA DTR K 1				63071	3018	3118	100		
						Sub-Total -8			0.6509	Sub-Total -8			37511	0.27579	42.3706



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
LIKE ABOVE LT FEEDERS WE ASSESS THE BELOW LT FEEDERS RESULT															
						200 CHAMBAL COLONY DTR KAI.TOWN1	9.8272	10.4977	0.6705				39379	0.27671	41.2692
						Sub-Total -9			0.6705		Sub-Total -9		39379	0.27671	41.2692
						200 DEENDAYAL MARG 1 WALA DTR K 1	8.5566	9.238	0.6814				38762	0.29378	43.1142
						Sub-Total -10			0.6814		Sub-Total -10		38762	0.29378	43.1142
						200 DINDAYAL MARG 2 DTR KAI.TOWN 1	9.3322	10.0267	0.6945				41495	0.27955	40.252
						Sub-Total -11			0.6945		Sub-Total -11		41495	0.27955	40.252
						200 DONGAR PUR WALA DTR KAI.TOWN 1	7.5426	8.228	0.6854				41469	0.27071	39.4966
						Sub-Total -12			0.6854		Sub-Total -12		41469	0.27071	39.4966
						200 GANDHI MARG WALADTR KAI.TOWN1	8.4566	9.04	0.5834				37246	0.21094	36.157
						Sub-Total -13			0.5834		Sub-Total -13		37246	0.21094	36.157
						200 HAT KA MAIDAN WALA DTR KAI.TO1	9.35667	10.0257	0.66903				36210	0.30693	45.8769
						Sub-Total -14			0.66903		Sub-Total -14		36210	0.30693	45.8769
						100 KRISHNA MARG WALA DTR KAI. TO1	4.87611	5.214	0.33789				23367	0.10422	30.8444
						Sub-Total -15			0.33789		Sub-Total -15		23367	0.10422	30.8444
						200 KUSHWAH MUHALLA DTR KAI TOWN1	7.5533	8.192	0.6387				36670	0.272	42.5865
						Sub-Total -16			0.6387		Sub-Total -16		36670	0.272	42.5865
						200 LEKHA WALA DTR KAILARASH TOWN1	6.23451	6.927	0.69249				39719	0.2953	42.6432
						Sub-Total -17			0.69249		Sub-Total -17		39719	0.2953	42.6432
						100 LOHPEETA WALA DTR KAILARAS T 1	4.57511	4.86501	0.2899				20229	0.08761	30.2208
						Sub-Total -18			0.2899		Sub-Total -18		20229	0.08761	30.2208
						200 MANDIR PU SAB1 MANDI DTR KA.T1	9.3476	9.99503	0.64743				34376	0.30367	46.9039
						Sub-Total -19			0.64743		Sub-Total -19		34376	0.30367	46.9039
						200 MANDIR PU.SAB2 MANDI DTR KA.T1	9.6728	10.6918	1.019				51608	0.50292	49.3543
						Sub-Total -20			1.019		Sub-Total -20		51608	0.50292	49.3543
						200 MDS WALA DTR KAILARSH TOWN1	6.2577	6.957	0.6993				43498	0.26432	37.7978
						Sub-Total -21			0.6993		Sub-Total -21		43498	0.26432	37.7978
						200 MUKHARJI MARG WALA DTR KAI. T1	8.5757	9.558	0.9823				49147	0.49083	49.9674
						Sub-Total -22			0.9823		Sub-Total -22		49147	0.49083	49.9674
						200 PANCHMUKHI WALA DTR KAI. TOWN1	11.2682	11.9602	0.692				40784	0.28416	41.0636
						Sub-Total -23			0.692		Sub-Total -23		40784	0.28416	41.0636
						200 PARASHRAM WALA DTR KAI.T 1	10.2641	10.9494	0.6853				41681	0.26849	39.1785
						Sub-Total -24			0.6853		Sub-Total -24		41681	0.26849	39.1785
						200 PARK II WALA DTR KAILARSH TOW1	12.2575	12.961	0.7035				37622	0.32728	46.5217
						Sub-Total -25			0.7035		Sub-Total -25		37622	0.32728	46.5217
						200 PARK SONI WALA DTR K.T1	9.1252	9.7508	0.6256				39585	0.22975	36.7247
						Sub-Total -26			0.6256		Sub-Total -26		39585	0.22975	36.7247

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						315 SHASTRI MARG2 WALA DTR KAI.TO1	15.2577	16.2623	1.0046				64259	0.36201	36.0352
						Sub-Total -27			1.0046				64259	0.36201	36.0352
						200 SUBHAS MARG1 WALA DTR KAI. TO1	5.9722	6.5283	0.5561				37346	0.18264	32.843
						Sub-Total -28			0.5561				37346	0.18264	32.843
						200 SUGAR FACTORY WALA DTR KAI TO1	7.2651	7.99	0.7249				47364	0.25126	34.6613
						Sub-Total -29			0.7249				47364	0.25126	34.6613
						200 THANE WALA DTR KAILARAS TOWN 1	8.27654	8.9884	0.71186				37621	0.33565	47.1511
						Sub-Total -30			0.71186				37621	0.33565	47.1511
2	MORENA I	MORENA PH 33KV S/S MORENA1	33/11KV	NAINAGARH 11KV	315	BRIDHA ASHRAM WALA DTR NAINAGA	14.59543	15.96909	1.37366				69324	0.68042	49.5334
						Sub-Total -31			1.37366				69324	0.68042	49.5334
						100 RATHORE COLONY WALA DTR D DC N	9.57211	9.91841	0.3463				17996	0.16634	48.0335
						Sub-Total -32			0.3463				17996	0.16634	48.0335
						200 SABJEE MANDI WALA DTR D DC NAI	10.0023	10.856	0.8537				46587	0.38783	45.4293
						Sub-Total -33			0.8537				46587	0.38783	45.4293
						315 WARE HOUSE WALA DTR NAINAGARH	12.4372	13.92	1.4828				75734	0.72546	48.925
						Sub-Total -35			1.4828				75734	0.72546	48.925
3	MORENA I	SHIKARPUR 33KV S/S MORENA1		SHIKARPUR 11 KV FDR	200	SHIKARPUR GAON G DC WALA DTR	9.5253	10.31958	0.79428				39122	0.40306	50.7453
						Sub-Total -36			0.79428				39122	0.40306	50.7453
4	MORENA I	BADOKHAR 33KV S/S MORENA1		FATAK 11KV FDR	200	ANWAR 2 WALA DTR F FDR DDC	8.3728	9.05747	0.68467				36485	0.31982	46.7116
						Sub-Total -37			0.68467				36485	0.31982	46.7116
					200	BAJARANG COLONY WALA DTR FATAK	10.33123	11.126962	0.795732				41377	0.381962	48.0013
						Sub-Total -38			0.795732				41377	0.381962	48.0013
					200	CHHATRI PURA WALA DTR FATAK FD	8.96785	9.723233	0.755383				42116	0.334223	44.2455
						Sub-Total -39			0.755383				42116	0.334223	44.2455
					200	GOUSHALA WALA DTR FATAK FDR	8.72352	9.354718	0.631198				33690	0.294298	46.6253
						Sub-Total -40			0.631198				33690	0.294298	46.6253
					100	GUDDU TOMAR WALA DTR FATAK FDR	5.36128	5.703726	0.342446				18877	0.153676	44.876
						Sub-Total -41			0.342446				18877	0.153676	44.876
					200	JAIN BAGICHI WALA NEW F FDR DD	6.3639	7.14223	0.77833				41704	0.36129	46.4186

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
						Sub-Total -42			0.77833		Sub-Total -42		41704	0.36129	46.4186
					100	MAHOUR CHORAH1 WALA DTR FATA	5.63833	5.772554	0.134224				8842	0.045804	34.125
						Sub-Total -43			0.134224		Sub-Total -43		8842	0.045804	34.125
					100	MAHOUR CHORAH2 WALA DTR FATA	4.89322	5.088093	0.194873				13144	0.063433	32.5509
						Sub-Total -44			0.194873		Sub-Total -44		13144	0.063433	32.5509
					315	MANOHAR NAGAR WALA DTR FATAK F	9.57379	9.99236	0.41857				23754	0.18103	43.2496
						Sub-Total -45			0.41857		Sub-Total -46		23754	0.18103	43.2496
					63	MASJID WALA DTR F FDR DDC	2.8695	3.047723	0.178223				9219	0.086033	48.2727
						Sub-Total -47			0.178223		Sub-Total -47		9219	0.086033	48.2727
					200	MPEB OFFICE KE SAMNE WALA F F	7.8946	8.711299	0.816699				42089	0.395809	48.4645
						Sub-Total -48			0.816699		Sub-Total -48		42089	0.395809	48.4645
					200	NANDE PURA CHORAH WALA FATAK	8.1412	8.432544	0.291344				16297	0.128374	44.0627
						Sub-Total -49			0.291344		Sub-Total -49		16297	0.128374	44.0627
					63	NATTHI BABA WALA DTR F FDR DDC	3.57396	3.792	0.21804				12999	0.08805	40.3825
						Sub-Total -50			0.21804		Sub-Total -50		12999	0.08805	40.3825
					63	PACHORI WALA DTR FATAK FDR	4.1005	4.308	0.2075				11888	0.08862	42.7084
						Sub-Total -51			0.2075		Sub-Total -51		11888	0.08862	42.7084
					100	PANI KI TANKI WALA DTR FATAK F	5.96336	6.304	0.34064				20554	0.1351	39.6606
						Sub-Total -52			0.34064		Sub-Total -52		20554	0.1351	39.6606
					200	PG COLLEGE WALA F FDR DDC	8.15732	8.9673534	0.8100334				41669	0.3933434	48.5589
						Sub-Total -53			0.8100334		Sub-Total -53		41669	0.3933434	48.5589
					63	PRAMOD GUPTA WALA DTR F FDR DD	2.96731	3.156	0.18869				10120	0.08749	46.3671
						Sub-Total -54			0.18869		Sub-Total -54		10120	0.08749	46.3671
					25	RADHA TLKS 25WALA DTR FATAK FD	0.892537	0.985958	0.093421				5309	0.040331	43.1712
						Sub-Total -55			0.093421		Sub-Total -55		5309	0.040331	43.1712
					63	RAM DUTT WALA DTR F FDR DDC	1.89273	2.12	0.22727				13342	0.09385	41.2945
						Sub-Total -56			0.22727		Sub-Total -56		13342	0.09385	41.2945
					315	RAM NAGAR 315 WALA DTR F FDR D	10.5373	11.016622	0.479322				27965	0.199672	41.6572
						Sub-Total -57			0.479322		Sub-Total -57		27965	0.199672	41.6572
					200	RUI FACTORY WALA DTR FATAK FD	0.67392	1.37033	0.69641				33220	0.36421	52.2982
						Sub-Total -58			0.69641		Sub-Total -58		33220	0.36421	52.2982
					200	UTTAM PURA KHUTI ROAD WALA FAT	8.4371	9.2143	0.7772				45204	0.32516	41.8374
						Sub-Total -59			0.7772		Sub-Total -59		45204	0.32516	41.8374
5	MORENA I	BADOKHAR PSS	33/11KV	11KV MATA MANDER FDR.	200	BADOKHAR WATER WORKS WALA DTR	8.63327	9.06055	0.42728				26035	0.16693	39.0681
						Sub-Total -60			0.42728		Sub-Total -60		26035	0.16693	39.0681
					200	LAXMI MATA MANDIR WALA DTR LM	9.63774	10.12699	0.48925				32616	0.16309	33.3347



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	tion Transformer Location- Code/Bulk Consumer L	A Initial meter reading at LT side of DTR (LU)	B Final meter reading at LT side of DTR (LU)	C=B-A Energy consumption at destination end during interval in LU.	Consumer ID no/Meter no	D Initial meter reading at Consumer side (U)	E Final meter reading at consumer side (U)	F=E-D Energy consumption at destination end during interval in Unit.	G=C-ΣF LT line loss in LU	% of LT loss w.r.t Input energy
						Sub-Total -61			0.48925		Sub-Total -61		32616	0.16309	33.3347
					200	NANDE PURA ROAD CHORAHA WALA D	10.7678	11.13562	0.36782				21683	0.15099	41.05
						Sub-Total -62			0.36782		Sub-Total -62		21683	0.15099	41.05
					100	NANDE PURA ROAD HOSTEL WALA DT	9.68787	9.955159	0.267289				16588	0.101409	37.9398
						Sub-Total -63			0.267289		Sub-Total -63		24694	0.101409	37.9398
6	MORENA I	MAYURVAN PSS	33/11KV	11KV REST HOUSE FDR.	100	JAY BHARTI SCHOOL WALADTR R H	5.2197	5.46765	0.24795				15506	0.09289	37.4632
						Sub-Total -64			0.24795		Sub-Total -64		15506	0.09289	37.4632
					200	K . S. SCHOOL WALA DTR R H FDR	7.21115	7.65105	0.4399				26147	0.17843	40.5615
						Sub-Total -65			0.4399		Sub-Total -65		26147	0.17843	40.5615
					100	K K SHARMA WALA DTR R H FDR	4.87321	5.1891	0.31589				19167	0.12422	39.3238
						Sub-Total -66			0.31589		Sub-Total -66		19167	0.12422	39.3238
					200	PATEL WALA DTR REST HOUSE FDR	8.1122	8.63962	0.52742				31500	0.21242	40.2753
						Sub-Total -67			0.52742		Sub-Total -67		31500	0.21242	40.2753
					63	RAJPUT HOTEL WALA DTR R H FDR	3.48918	3.62186	0.13268				8040	0.05228	39.4031
						Sub-Total -68			0.13268		Sub-Total -68		8040	0.05228	39.4031
					100	S . K . YADAV WALA DTR R H FDR	6.0035	6.41666	0.41316				25165	0.16151	39.0914
						Sub-Total -69			0.41316		Sub-Total -69		25165	0.16151	39.0914
					200	S E RESI KE SAMANE WALA DTR R	8.34445	9.13807	0.79362				49677	0.29685	37.4046
						Sub-Total -70			0.79362		Sub-Total -70		49677	0.29685	37.4046
9	MORENA - II	JIGNI PSS	33/11 KV	KHERA ABADI	25	ASHARAM WALA DTR KHERA ABADI	0.92356	1.005306	0.081746				4533	0.036416	44.5477
						Sub-Total -71			0.081746		Sub-Total -71		4533	0.036416	44.5477
					25	BUDDHA KA PURA WALA DTR	0.81235	0.89734	0.08499				4701	0.03798	44.6876
						Sub-Total -72			0.08499		Sub-Total -72		4701	0.03798	44.6876
					25	GIRAJ PATEL WALA DTR KHERA ABA	0.6534	0.74131	0.08791				7400	0.01391	15.823
						Sub-Total -73			0.08791		Sub-Total -73		7400	0.01391	15.823
					25	MAHOR WALA DTR KHERA ABADI	0.67774	0.768113	0.090373				5441	0.035963	39.794
						Sub-Total -74			0.090373		Sub-Total -74		5441	0.035963	39.794
					25	MAWASIYA WALA DTR KHERA ABADI	0.76301	0.8536	0.09059				5454	0.03605	39.7947
						Sub-Total -75			0.09059		Sub-Total -75		5454	0.03605	39.7947
					25	MULAYAM WALA DTR KHERA ABADI	0.799568	0.892248	0.09268				5281	0.03987	43.019
						Sub-Total -76			0.09268		Sub-Total -76		5281	0.03987	43.019
					25	NAT WALA DTR KHERA ABADI	0.76542	0.843315	0.077895				4581	0.032085	41.1901
						Sub-Total -77			0.077895		Sub-Total -77		4581	0.032085	41.1901
					25	PRAJAPATI WALA DTR KHERA ABADI	0.91005	0.99051	0.08046				4274	0.03772	46.8804
						Sub-Total -78			0.08046		Sub-Total -78		4274	0.03772	46.8804



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					25	RAMPAL WALA DTR KHERA ABADI	0.690761	0.774641	0.08388				4229	0.04159	49.5827
						Sub-Total -79			0.08388				4229	0.04159	49.5827
10	SABALGARH DIVISION	KAILARAS PSS	33/11KV	11KV CITY II FDR.	200	DAK BANGLAW WALA DTR KAILARAS2	8.68547	9.321	0.63553				34751	0.28802	45.3197
						Sub-Total -80			0.63553				34751	0.28802	45.3197
					63	GOD WALA DTR KAILARAS TOWN 2	1.84789	2.0221	0.17421				9663	0.07758	44.5325
						Sub-Total -81			0.17421				9663	0.07758	44.5325
					100	LAKKHI WALADTRKAILARA2	4.68934	5.0192	0.32986				18371	0.14615	44.3067
						Sub-Total -82			0.32986				18371	0.14615	44.3067
					200	NAGARPALIKA WALA DTR KAILARAS2	7.5634	8.144	0.5806				29249	0.28811	49.6228
						Sub-Total -83			0.5806				29249	0.28811	49.6228
					100	PANCH MUKHI WALADTR KAILARAS 2	4.12426	4.311	0.18674				10605	0.08069	43.2098
						Sub-Total -84			0.18674				10605	0.08069	43.2098
					200	SINGHAL WALA DTR KAILARAS 2	9.9345	10.4034	0.4689				26330	0.2056	43.8473
						Sub-Total -85			0.4689				26330	0.2056	43.8473
11	MORENA I	MORENA PH 33KV S/S MORENA1	33/11KV	CITY 11KV FDR DUTTPURA	200	BHAROSHI KI DHARAMSHALA D DC	10.6356	11.318	0.6824				35988	0.32252	47.2626
						Sub-Total -86			0.6824				35988	0.32252	47.2626
					315	CHUHIYA PAAN WALA DTR D DC	15.9877	17.38433	1.39663				97694	0.41969	30.0502
						Sub-Total -87			1.39663				97694	0.41969	30.0502
					200	FISH MARKET 1 WALA DTR D D/C	11.4578	12.14	0.6822				36562	0.31658	46.4057
						Sub-Total -88			0.6822				36562	0.31658	46.4057
					200	FISH MARKET 2 WALA DTR D DC	9.97864	10.87725	0.89861				52435	0.37426	41.6488
						Sub-Total -89			0.89861				52435	0.37426	41.6488
					200	GOPINATH KI PULIYA	9.56743	10.43	0.86257				68125	0.18132	21.0209
						Sub-Total -90			0.86257				68125	0.18132	21.0209
					200	MANIRAM SHARMA DTR D DC	10.31108	11.24519	0.93411				55847	0.37564	40.2137
						Sub-Total -91			0.93411				55847	0.37564	40.2137
					315	PIPAL WALI MATA DTR D DC 1	13.43561	14.8113	1.37569				70250	0.67319	48.9347
						Sub-Total -92			1.37569				70250	0.67319	48.9347
					200	PIPAL WALI MATA KACHRA DTR D D	11.01023	11.95	0.93977				45508	0.48469	51.5754
						Sub-Total -93			0.93977				45508	0.48469	51.5754



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT line loss in LU	
					200	PIPAL WALI MATA WALA DTR D DC2	9.72524	10.5792	0.85396				39922	0.45474	53.2507
						Sub-Total -94			0.85396				39922	0.45474	53.2507
					100	PURANI JEEN 1 WALA DTR D DC	6.43521	6.86114	0.42593				22340	0.20253	47.5501
						Sub-Total -95			0.42593				22340	0.20253	47.5501
					100	PURANI JEEN 2 PH WALA DTR D DC	7.32627	7.7099	0.38363				19361	0.19002	49.5321
						Sub-Total -96			0.38363				19361	0.19002	49.5321
					100	SINGLE BASTI WALA DTR CITY FD	8.5171	8.96046	0.44336				22911	0.21425	48.3242
						Sub-Total -97			0.443					0.214	48.3242
						TOTAL(SUB TOTAL -1+SUB TOTAL -2+SUB TOTAL -3+....+SUB TOTAL -97)			51.1249					21.9173	42.87
						DTR CONSUMPTION= 102% DTR IN MORENA CIRCLE HAVING (COMMERCIAL LOSS DUE TO THEFT + LT LINE LOSS) BOTH LOSSES = (11KV SIDE INPUT ENERGY - 11 KV LINE LOSS - 11 KV BULK CONSUMPTION)*1.02			508.3203				(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) W.R.T DTR INPUT ENERGY IN MORENA CIRCLE IN LU	217.9178	42.87
						TOTAL LT LOSS IN LU								54.1242	
						APPROX COMMERCIAL LOSS DUE TO THEFT IN LU							(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) - TOTAL LT	163.7936	
						TOTAL INPUT ENERGY 11KV SIDE IN MORENA CIRCLE IN LU			534.7469				APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 11KV SIDE INPUT ENERGY IN MORENA CIRCLE IN LU	163.7936	30.63
						TOTAL INPUT ENERGY 33KV SIDE IN MORENA CIRCLE IN LU			631.0569				APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 33KV SIDE INPUT ENERGY IN MORENACIRCLE IN LU	163.79	25.96

N.B: 1) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

2) Considering if all LT feeder having same consumption then 102% of LT feeders having Commercial loss due to theft.

**LT LINE LOSS WITH COMMERCIAL LOSS
ASSESSMENT OF BURHANPUR CIRCLE OF
MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



F) LT LINE LOSS & COMMERCIAL LOSS DUT TO THEFT ASSESSMENT DETAIL OF BURHANPUR CIRCLE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
		Shikarpur	33/11 kv	G mahajan	200	Gayatri madir	2.69	2.9356	0.2456	105752	6843	6944	101	0.06832	27.8176
										15464	12639	13543	904		
										31662	1064	1565	501		
										494112	1413	1964	551		
										532113	796	1120	324		
										537445	480	935	455		
										537457	892	1125	233		
										537469	718	1055	337		
										537470	1199	1544	345		
										537482	1206	1379	173		
										553293	184	947	763		
										Bulk			2489		
										Bulk			4986		
										Bulk			5566		
													17728		
						Sub-Total -1			0.2456		Sub-Total -1		0.17728	0.06832	27.8176
					200	Mira hostel	4.556	4.7518	0.1958	1000198	17	3978	3961	0.04728	24.1471
										31807	16099	16355	256		
										33401	2789	3368	579		
										42958	10733	10848	115		
										44403	22868	23103	235		
										474551	2489	2639	150		
										478866	2520	2601	81		
										501529	2582	3082	500		
										514081	42141	42447	306		
										520469	1762	2233	471		
										527506	7606	7921	315		
										533658	27986	29136	1150		
										543627	133	348	215		
										56978	1157	1553	396		
										Bulk			2952		
										Bulk			3170		
													14852		
						Sub-Total -2			0.1958		Sub-Total -2		0.14852	0.04728	24.1471



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
					100	Sanjay Nagar	7.11	7.2258	0.1158	26099	10958	11050	92	0.02749	23.7392
										27837	13370	13442	72		
										28072	39448	39725	277		
										29146	11045	11139	94		
										29616	5862	5915	53		
										30000	23481	23673	192		
										30205	17251	17455	204		
										30206	14559	14560	1		
										30380	18549	18793	244		
										30930	16385	16495	110		
										31379	14058	14258	200		
										31609	15876	16029	153		
										34153	25008	25660	652		
										34601	16097	16214	117		
										34781	16368	16755	387		
										36032	9980	10069	89		
										36348	2671	2756	85		
										43431	23064	23342	278		
										44224	24640	24890	250		
										44319	16313	16528	215		
										44415	16140	16311	171		
										44534	10952	11072	120		
										45289	7126	7176	50		
										45801	11199	11272	73		
										46442	703	820	117		
										46468	1631	1958	327		
										46668	9897	10061	164		
										46843	5014	5076	62		
										47356	1091	1304	213		
										474990	243	393	150		
										477242	21839	22132	293		
										480459	12446	12580	134		
										484015	4478	4809	331		
										486905	9269	9516	247		
										489979	3063	3208	145		
										493442	5600	5704	104		
										500215	3143	3239	96		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										505572	6069	6093	24		
										516077	1925	2005	80		
										530591	4431	4710	279		
										533002	3603	3778	175		
										534821	1387	1545	158		
										542430	1697	1809	112		
										543317	7792	8364	572		
										543482	1231	1327	96		
										546033	25	25	0		
										551200	689	774	85		
										551302	1484	1701	217		
										554534	1106	1106	0		
										555368	2311	2439	128		
										558011	1096	1098	2		
										560017	804	904	100		
										560340	549	638	89		
										57036	528	654	126		
										57254	16	42	26		
										57255	2	2	0		
													8831		
							Sub-Total -3			0.1158	Sub-Total -3			0.08831	0.02749
		Shanwara	33/11 kV	Rest-House	200	LB 84	5.448	5.7633	0.3153	1000206	16189	16407	218	0.05673	17.9924
										1000208	35472	35662	190		
										1000209	36169	36376	207		
										1000210	7077	7160	83		
										1000212	7008	7090	82		
										1000214	9869	9944	75		
										1000216	40418	50272	9854		
										10003642	23978	24078	100		
										10003710	10304	10529	225		
										1002119	5968	6036	68		
										10260	3156	3220	64		
										10303	5404	5552	148		
										10746	20173	20389	216		
										11797	18760	18887	127		
										14710	4344	6483	2139		
										15832	6456	6526	70		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										16020	2470	2483	13		
										16217	14922	15084	162		
										16272	10891	10974	83		
										18105	9576	9800	224		
										18130	5227	5272	45		
										18145	5286	5336	50		
										20073	9683	9810	127		
										20074	10054	10142	88		
										20653	283708	286944	3236		
										21062	4658	4772	114		
										22095	23507	23768	261		
										22104	3220	3244	24		
										22249	12	145	133		
										22250	676	789	113		
										22345	6390	6448	58		
										22398	5632	5680	48		
										22595	2107	2150	43		
										23036	10332	10449	117		
										23086	9815	9910	95		
										23407	3794	3870	76		
										24028	21905	22044	139		
										24263	8261	8345	84		
										24863	12410	12850	440		
										25536	3943	3945	2		
										25609	9896	9973	77		
										26345	63615	63971	356		
										26382	6647	6735	88		
										28847	30407	30820	413		
										30710	6137	6187	50		
										31360	9854	9962	108		
										31667	3354	3495	141		
										31864	32703	33976	1273		
										32075	45222	46555	1333		
										32168	6076	6144	68		
										32622	3174	3272	98		
										33178	41362	41502	140		
										35359	3504	3654	150		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

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										35367	4654	4672	18		
										36437	7541	7564	23		
										37305	7120	7223	103		
										38529	2175	2250	75		
										39830	16669	16758	89		
										40069	10673	10728	55		
										45200	4754	4854	100		
										45532	2694	2795	101		
										46951	44640	44669	29		
										475518	10021	10059	38		
										481427	2430	2524	94		
										496170	2188	2229	41		
										511067	2741	2808	67		
										536684	4276	4511	235		
										536910	901	997	96		
										8092	34069	34306	237		
										8138	5812	5938	126		
										8635	3208	3233	25		
										8660	9421	9492	71		
										8802	5223	5450	227		
										9713	6072	6143	71		
													25857		
							Sub-Total -4		0.3153	Sub-Total -5			0.25857	0.05673	17.9924
					200	RS 16	1.998	2.2068	0.2088	1000230	6069	6348	279	0.03801	18.204
										1000231	11694	11897	203		
										10036	12077	12227	150		
										10298	7826	8057	231		
										12130	13808	14103	295		
										12131	20251	20514	263		
										12427	14390	14566	176		
										13871	12108	12328	220		
										14166	15806	16109	303		
										14936	8630	8730	100		
										15111	11772	11854	82		
										16600	8060	8185	125		
										17518	10019	10210	191		
										21069	24962	25194	232		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



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							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										21212	15331	15494	163		
										21278	23023	23223	200		
										2134	38397	38692	295		
										22019	21000	21141	141		
										22328	8475	8609	134		
										22462	3580	3765	185		
										22899	11845	12029	184		
										23476	4508	4546	38		
										23556	13858	14031	173		
										23778	23867	24249	382		
										23787	7293	7452	159		
										23854	5991	6446	455		
										24397	8896	9028	132		
										24788	5017	5744	727		
										27018	12365	12534	169		
										27720	2147	2519	372		
										27758	11623	11749	126		
										27957	14027	14090	63		
										28546	12265	12355	90		
										29290	16323	16558	235		
										29769	8698	8773	75		
										30507	26077	26553	476		
										31328	7005	7081	76		
										32056	12026	12295	269		
										32057	13084	13193	109		
										33495	2200	2420	220		
										33833	30445	30630	185		
										34038	8237	8359	122		
										34409	4200	4200	0		
										34599	11505	11703	198		
										35175	14806	14954	148		
										36140	9806	9954	148		
										36394	15151	15374	223		
										36432	14317	14524	207		
										3715	18873	19140	267		
										38108	14694	14882	188		
										3822	22328	22510	182		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										3839	21042	21229	187		
										38640	15258	15367	109		
										3883	8510	8937	427		
										39227	7594	7816	222		
										39308	10355	10521	166		
										39488	6010	6245	235		
										39834	13811	14118	307		
										42670	17095	17204	109		
										43257	10893	11096	203		
										43318	8722	8889	167		
										43726	1938	2080	142		
										4375	7463	7589	126		
										4564	23535	23832	297		
										46051	2979	3179	200		
										46455	4293	4397	104		
										47214	16808	17395	587		
										475099	2660	2728	68		
										485305	1111	1265	154		
										489748	3556	3666	110		
										509425	1936	2012	76		
										513027	595	663	68		
										521899	3028	3300	272		
										532447	1889	1986	97		
										532459	1620	1786	166		
										540882	1590	1731	141		
										541620	838	941	103		
										543860	995	1074	79		
										553773	1299	1447	148		
										5644	962	1231	269		
										6501	3385	3535	150		
										6896	21060	21264	204		
										75	14213	14413	200		
										7813	15165	15396	231		
										7867	10017	10124	107		
										7940	16859	17181	322		
										8018	198	276	78		
										9100	8289	8371	82		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
													17079		
						Sub-Total -6			0.2088		Sub-Total -6		0.17079	0.03801	18.204
					200 KVA	ND 3 Vijay Agrawal	9.56	9.7858	0.2258	11422	23847	24084	237	0.05298	23.4632
										11423	15985	16099	114		
										12394	7382	7387	5		
										25069	33000	0			
										34991	9581	9650	69		
										35172	1681	1705	24		
										38019	13671	13792	121		
										38101	7260	7332	72		
										38111	9317	9539	222		
										38901	274609	276958	2349		
										40488	13658	13776	118		
										41515	7966	8057	91		
										46492	9123	9134	11		
										483618	1187	1245	58		
										529941	47809	48237	428		
										533970	1946	2046	100		
										547943	1555	10253	8698		
												Bulk	1196		
												Bulk	3369		
													17282		
						Sub-Total -7			0.2258		Sub-Total -7		0.17282	0.05298	23.4632
					100	Ankita Talkies ND 4	3.225	3.3737	0.1487	43875	96068	97090	1022	0.04125	27.7404
										44045	14907	15074	167		
										44046	12206	12287	81		
										44047	10196	10355	159		
										44048	12037	12157	120		
										44049	9580	9705	125		
										44207	3971	3987	16		
										44208	7152	7231	79		
										44358	6228	7530	1302		
										45537	382	559	177		
										45538	12578	12978	400		
										45599	16737	16969	232		
										46731	13738	13894	156		
										47037	2444	2785	341		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										47042	32223	34389	2166		
										486000	5995	6115	120		
										486012	6474	6591	117		
										498567	6230	6444	214		
										498579	5157	5304	147		
										498580	10323	10515	192		
										498592	4928	4995	67		
										498609	3119	3153	34		
										498610	6813	6934	121		
										507120	4097	4200	103		
										507131	4013	4102	89		
										507143	4935	5168	233		
										515772	7085	7306	221		
										515784	1356	1487	131		
										515796	483	628	145		
										515802	1041	1153	112		
										515826	2362	2666	304		
										515838	864	984	120		
										515840	3884	4226	342		
										518177	526	671	145		
										518189	934	1125	191		
										518190	730	966	236		
										535000	679	1125	446		
										565489	280	652	372		
													10745		
						Sub-Total -8			0.1487	Sub-Total -8			0.10745	0.04125	27.7404

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
					100 KVA	Shankar Shri complex	7.05	7.1946	0.1446	16455	3966	4752	786	0.03175	21.9571
										16534	2936	3029	93		
										25480	15116	15357	241		
										32009	5235	5401	166		
										33871	17448	17618	170		
										34686	178	192	14		
										35823	10192	10289	97		
										36093	5172	5222	50		
										36499	3522	3597	75		
										36504	6739	6774	35		
										36517	136	138	2		
										36626	1970	2070	100		
										37177	5014	5022	8		
										38064	33086	33428	342		
										38164	4618	4677	59		
										38239	28560	28825	265		
										38575	6207	6315	108		
										39230	9870	9946	76		
										39285	14449	14486	37		
										39357	12566	13222	656		
										39642	15697	15697	0		
										41040	3162	3266	104		
										41051	7230	7318	88		
										42097	6122	6244	122		
										43508	2959	2980	21		
										44156	15629	17122	1493		
										44621	2574	2731	157		
										44622	38897	39290	393		
										44623	3721	3762	41		
										44644	9522	9602	80		
										44654	3403	3529	126		
										44655	14209	14312	103		
										44656	95	96	1		
										45657	14780	15006	226		
										46195	3219	3219	0		
										46196	12459	12666	207		
										46197	2814	2831	17		



STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										46375	23789	23941	152		
										480484	3306	3306	0		
										480599	509	509	0		
										480605	2936	2936	0		
										480629	409	450	41		
										480630	5655	5829	174		
										480642	9886	9886	0		
										480654	7410	7915	505		
										480666	6224	6250	26		
										480678	3920	3925	5		
										480680	11126	11137	11		
										480691	17165	17570	405		
										480708	2330	2353	23		
										481671	52395	54181	1786		
										481683	26178	26178	0		
										495219	374	377	3		
										498403	8338	8752	414		
										498634	11189	11206	17		
										501207	2529	2601	72		
										513088	303	385	82		
										519510	1501	1542	41		
										525583	315	352	37		
										530219	802	882	80		
										537135	4651	4803	152		
										537755	9	9	0		
										540146	1161	1327	166		
										546689	795	795	0		
										555850	2582	2775	193		
										559933	426	469	43		
										562154	165	201	36		
										563316	2	2	0		
										56876	5	97	92		
										56901	150	320	170		
													11285		
						Sub-Total -9			0.1446	Sub-Total -9			0.11285	0.03175	21.9571
					100		2.66	2.7779	0.1179	41365	16222	16684	462	0.02409	20.4326
										41366	10627	10778	151		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
										41367	7552	7648	96		
										41368	11091	11181	90		
										41369	4315	4617	302		
										41370	8041	8268	227		
										41371	10981	11136	155		
										41372	5272	5528	256		
										41373	808	1032	224		
										41376	9118	9371	253		
										41379	5684	5945	261		
										41380	11167	11598	431		
										41381	9176	9379	203		
										41382	6447	6536	89		
										41383	6809	6935	126		
										41384	5345	5985	640		
										41386	15250	15953	703		
										41387	1999	2083	84		
										41388	10696	10881	185		
										41390	17246	17370	124		
										41393	18629	18940	311		
										41398	10320	10406	86		
										41400	17389	17620	231		
										41403	14368	14788	420		
										41404	8714	8918	204		
										41405	112	210	98		
										41406	34293	35375	1082		
										41407	8695	8973	278		
										46074	33696	33860	164		
										46101	10298	10724	426		
										482353	12754	12997	243		
										482365	4658	4852	194		
										56730	496	703	207		
										57363	225	600	375		
Sub-Total -10									0.1179	Sub-Total -10			9381	0.02409	20.4326

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU	
				MANDI	100	CW-5/2 Matka bazar II	9.22	9.3688	0.1488	10453	605	842	237	0.03154	21.1962
										11372	1694	1788	94		
										13168	1612	1675	63		
										13699	48361	50069	1708		
										15217	232	1185	953		
										1643	6187	6330	143		
										17317	2755	3842	1087		
										1837	5769	5926	157		
										1987	13486	14206	720		
										207	4492	4684	192		
										2096	6824	7003	179		
										2175	294	451	157		
										2238	3371	3510	139		
										2286	3301	3404	103		
										2332	4917	5096	179		
										2360	4195	4325	130		
										2411	13975	14668	693		
										3053	4841	5015	174		
										30682	2722	2811	89		
										3225	951	1197	246		
										3318	5303	5464	161		
										3563	3106	3240	134		
										36349	6062	6250	188		
										374	5726	5874	148		
										39179	6686	7115	429		
										39551	91	180	89		
										4264	8522	8710	188		
										45168	4216	4435	219		
										46573	2277	2393	116		
										46702	3167	3359	192		
										4674	4921	5100	179		
										5053	5720	5993	273		
										564503	2	507	505		
										6031	3004	3138	134		
										8012	3677	3807	130		
										9062	4875	5063	188		
										9911	4752	4926	174		

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

Sl. no	Name of Division	Name of PSS	Voltage Level	Name Out going 11 KV feeder	Distribution Transformer Capacity in KVA/11KV Bulk Consumer	Distribution Transformer Location- Code/Bulk Consumer Location.	A	B	C=B-A	Consumer ID no/Meter no	D	E	F=E-D	G=C-ΣF	% of LT loss w.r.t Input energy	
							Initial meter reading at LT side of DTR (LU)	Final meter reading at LT side of DTR (LU)	Energy consumption at destination end during interval in LU.		Initial meter reading at Consumer side (U)	Final meter reading at consumer side (U)	Energy consumption at destination end during interval in Unit.	LT with Commercial loss in LU		
										9965	6253	6848	595			
										10408	6652	6893	241			
													11726			
						Sub-Total -11			0.1488	Sub-Total -11			0.11726	0.03154	21.1962	
	TOTAL(SUB TOTAL -1+SUB TOTAL -2+SUB TOTAL -3+....+SUB TOTAL -11)									1.8671	LT LINE + COMMERCIAL LOSS IN LU				0.4194	22.46
	DTR CONSUMPTION= 64% DTR IN BURHANPUR CIRCLE HAVING (COMMERCIAL LOSS DUE TO THEFT + LT LINE LOSS) BOTH LOSSES = (11KV SIDE INPUT ENERGY - 11 KV LINE LOSS)*0.64									188.1342	(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) W.R.T DTR INPUT ENERGY IN BURHANPUR CIRCLE IN LU				42.2639	22.46
	TOTAL LT LOSS IN LU														32.3231	
	APPROX COMMERCIAL LOSS DUE TO THEFT IN LU										(TOTAL LT+ COMMERCIAL LOSS DUE TO THEFT) - TOTAL LT				9.9408	
	TOTAL INPUT ENERGY 11KV SIDE IN BURHANPUR CIRCLE IN LU									315.1945	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 11KV SIDE INPUT ENERGY IN BURHANPUR CIRCLE IN LU				9.9408	3.15
	TOTAL INPUT ENERGY 33KV SIDE IN BURHANPUR CIRCLE IN LU									331.9555	APPROX COMMERCIAL LOSS DUE TO THEFT W.R.T 33KV SIDE INPUT ENERGY IN BURHANPUR CIRCLE IN LU				9.94	2.99

N.B: 1) Initial & final meter reading values are multiplied with Meter multiplication factor (M.F).

2) Considering if all LT feeder having same consumption then 64% of LT feeders having Commercial loss due to theft.

**SUMMARY OF LT LINE LOSS WITH
COMMERCIAL LOSS ASSESSMENT OF FOUR
SELECTED CIRCLES OF MADHYA PRADESH
STATE**

F) SUMMARY OF LT LINE WITH COMMERCIAL LOSS OF FOUR CIRCLE OF MADHYA PRADESH STATE						
Sl. No	Description	Name of the Circle				TOTAL
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33 KV side Input Energy in LU	989.458	1225.857	631.057	331.956	3178.328
2	11 KV side Input Energy in LU	893.044	768.093	534.747	315.194	2511.078
3	LT line loss with commercial loss due to theft loss in LU	118.733	110.146	217.918	42.264	489.060
4	LT line loss in LU	82.350	74.095	54.124	32.323	242.892
5	Approx. Commercial loss due to theft (3-4)	36.383	36.051	163.794	9.941	246.168
6	% of Commercial loss due to theft w.r.t 11KV side Input Energy	4.074	4.694	30.630	3.154	9.803
7	% of Commercial loss due to theft w.r.t 33KV side Input Energy	3.677	2.941	25.955	2.995	7.745

Percentage of approx loss due to theft of Madhya Pradesh State w.r.t 33KV side Input Energy is the average approx loss due to theft of Selected Circle of Madhya Pradesh State i.e Average approx loss due to theft of Jabalpur city Circle, Bhopal O&M Circle, Morena Circle & Burhanpur circle which is **7.745%**

**COMMERCIAL DATA OF JABALPUR CITY
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

G) BILLING & COLLECTION DATA DIVISION WISE FOR JABALPUR CITY CIRCLE FOR THE MONTH OF JULY 2013

Sl. No	Customer Category	Energy Billing						Billing						Collection					
		(in MU)						(Rs. in Lakhs)						(Rs. in Lakhs)					
		East	West	North	South	Vijay Nagar	Total City Circle	East	West	North	South	Vijay Nagar	Total City Circle	East	West	North	South	Vijay Nagar	Total City Circle
1	33KV HT BULK (Centralized as well as De-Centralized)	3.160	0.380	4.900	3.020	0.320	11.780	175.120	25.140	327.670	155.740	23.720	707.390	160.056	22.977	299.484	142.343	21.680	646.541
2	11KV HT BULK (Centralized as well as De-Centralized)	2.400	1.754	2.750	0.880	0.410	8.194	156.800	135.080	194.280	66.360	31.130	583.650	143.129	123.461	183.418	60.652	28.452	539.112
3	Domestic	8.710	9.430	6.250	9.910	5.940	40.240	343.300	458.240	303.960	523.020	306.680	1935.200	450.675	428.346	313.413	506.382	302.564	2001.381
4	Commercial	1.420	5.450	0.820	0.990	0.860	9.540	100.150	329.870	58.390	70.680	51.970	611.060	96.224	276.342	51.558	65.340	43.131	532.595
5	Industrial (LT)	0.230	0.300	0.930	0.340	0.110	1.910	13.560	19.990	65.050	22.910	7.440	128.950	11.991	18.161	57.901	20.162	4.954	113.169
6	Government	0.230	0.180	0.040	0.480	0.130	1.060	15.890	11.940	2.470	35.020	1.300	66.620	14.889	8.573	2.349	31.057	0.987	57.855
7	others (Public, Religious, Street Light & Water)	0.610	0.550	1.440	1.460	0.410	4.470	88.150	143.280	98.290	153.100	166.650	649.470	43.935	127.994	92.687	133.085	59.445	457.146
	TOTAL	16.760	18.044	17.130	17.080	8.180	77.194	892.970	1123.540	1050.110	1026.830	588.890	4682.340	920.900	1005.854	1000.809	959.022	461.213	4347.798

**COMMERCIAL DATA OF BHOPAL O&M
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

G) BILLING & COLLECTION DATA DIVISION WISE FOR BHOPAL O&M CIRCLE FOR THE MONTH OF JULY 2013

Sl. No	Customer Category	Energy Billing							Billing							Collection						
		(in MU)							(Rs. in Lakhs)							(Rs. in Lakhs)						
		Bhopal O&M	Obedullaganj	Nasrullaganj	Raisen	Bareilly	Mandideep	Total Bhopal Circle	Bhopal O&M	Obedullaganj	Nasrullaganj	Raisen	Bareilly	Mandideep	Total Bhopal Circle	Bhopal O&M	Obedullaganj	Nasrullaganj	Raisen	Bareilly	Mandideep	Total Bhopal Circle
1	33KV HT BULK (Centralized as well as De-Centralized)	5.23064	1.781	0.006	1.092	0.094	35.604	43.806	321.33	102.100	0.993	74.349	7.992	2342.60	2849.358	308.66	101.570	0.577	73.663	7.918	2301.89	2794.274
2	11KV HT BULK (Centralized as well as De-Centralized)	0.29375	0.038	0.000	0.015	0.008	0.247	0.601	28.28	2.694	0.000	1.247	0.769	24.43	57.417	24.99	2.667	0.000	1.227	0.340	19.25	48.474
3	Domestic	7.291	4.060	2.903	4.736	2.133	0.873	21.996	341.36	157.580	105.800	188.280	107.880	47.86	948.760	256.06	157.580	112.300	188.280	94.800	47.86	856.880
4	Commercial	1.169	0.482	0.288	0.597	0.358	0.350	3.244	86.53	33.490	22.140	48.420	30.250	23.74	244.570	64.91	20.180	14.570	20.490	16.010	21.90	158.060
5	Industrial (LT)	0.363	0.232	0.118	0.179	0.107	0.679	1.678	23.68	13.610	8.090	14.010	6.590	52.54	118.520	19.92	10.660	2.240	6.800	4.850	45.64	90.110
6	Government	0.049	0.062	0.022	0.178	0.023	0.004	0.338	3.44	4.560	2.080	14.820	1.540	0.31	26.750	3.44	2.890	1.860	12.210	0.470	0.31	21.180
7	others (Public, Religious, Street Light & Water)	4.974	5.889	3.976	5.444	6.062	0.197	26.542	402.30	99.540	73.260	129.670	97.260	37.29	839.320	323.64	99.540	53.470	129.670	65.140	29.29	700.750
	TOTAL	19.370	12.544	7.313	12.240	8.785	37.954	98.206	1206.91	413.574	212.363	470.796	252.281	2528.77	5084.695	1001.62	395.087	185.017	432.340	189.528	2466.14	4669.727

**COMMERCIAL DATA OF MORENA CIRCLE OF
MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE



G) BILLING & COLLECTION DATA DIVISION WISE FOR MORENA CIRCLE FOR THE MONTH OF JULY 2013

Sl. No	Customer Category	Energy Billing					Billing					Collection				
		(in MU)					(Rs. in Lakhs)					(Rs. in Lakhs)				
		Ambah	Sabalgarh	Morena I	Morena II	Total Circle	Ambah	Sabalgarh	Morena I	Morena II	Total Circle	Ambah	Sabalgarh	Morena I	Morena II	Total Circle
1	33KV HT BULK (Centralized as well as De-Centralized)	0.172	0.068	3.876	3.442	7.558	15.765	5.505	285.491	234.143	540.904	16.058	5.505	285.491	233.744	540.798
2	11KV HT BULK (Centralized as well as De-Centralized)	0.000	0.079	0.000	0.220	0.299	0.000	6.379	0.000	18.465	24.844	0.000	2.151	0.000	18.465	20.616
3	Domestic	1.919	3.039	4.154	0.955	10.067	96.190	161.550	232.080	45.010	534.830	63.659	127.290	227.779	32.572	451.300
4	Commercial	0.321	0.491	0.885	0.200	1.897	22.100	35.590	61.870	13.880	133.440	14.626	28.042	60.724	10.044	113.436
5	Industrial (LT)	0.335	0.452	0.429	0.448	1.664	20.650	106.660	28.940	31.340	187.590	13.666	84.041	28.404	22.680	148.791
6	Government	0.015	0.055	0.123	0.011	0.204	1.000	3.530	8.040	0.730	13.300	0.662	2.781	7.891	0.528	11.862
7	others (Public, Religious, Street Light & Water)	3.378	2.208	0.759	2.144	8.489	186.320	141.060	141.810	104.090	573.280	123.307	111.145	139.182	75.326	448.960
	TOTAL	6.140	6.392	10.226	7.420	30.178	342.025	460.274	758.231	447.658	2008.188	231.978	360.955	749.471	393.359	1735.763



**COMMERCIAL DATA OF BURHANPUR
CIRCLE OF MADHYA PRADESH STATE**

STUDY ON COMPONENT WISE AT and C LOSS ASSESSMENT IN MADHYA PRADESH STATE

G) BILLING & COLLECTION DATA DIVISION WISE FOR BURHANPUR CIRCLE FOR THE MONTH OF JULY 2013

Sl. No	Customer Category	Energy Billing			Billing			Collection		
		(in MU)			(Rs. in Lakhs)			(Rs. in Lakhs)		
		Burhanpur O&M	Burhanpur City DIV.	Total Circle	Burhanpur O&M	Burhanpur City DIV.	Total Circle	Burhanpur O&M	Burhanpur City DIV.	Total Circle
1	33KV HT BULK (Centralized as well as De-Centralized)	6.923	2.154	9.077	435.220	135.400	570.620	435.220	135.400	570.620
2	11KV HT BULK (Centralized as well as De-Centralized)	0.072	0.022	0.094	4.760	1.480	6.240	4.760	1.480	6.240
3	Domestic	6.252	1.945	8.197	581.740	180.980	762.720	450.29	140.09	590.383
4	Commercial	0.867	0.270	1.137	60.390	18.790	79.180	45.62	14.19	59.812
5	Industrial (LT)	4.345	1.352	5.697	212.390	66.080	278.470	198.83	61.86	260.690
6	Government	0.289	0.090	0.379	20.130	6.260	26.390	13.22	4.11	17.330
7	others (Public, Religious, Street Light & Water)	0.799	0.249	1.048	35.810	11.140	46.950	35.81	11.14	46.950
	TOTAL	19.547	6.082	25.629	1350.440	420.130	1770.570	1183.755	368.270	1552.025

**SUMMARY OF COMMERCIAL DATA OF FOUR
SELECTED CIRCLES OF MADHYA PRADESH
STATE**

G) SUMMARY OF BILLING & COLLECTION DATA OF FOUR CIRCLE OF MADHYA PRADESH STATE																
Sl. No	Customer Category/Name of the Circle	Energy Billing in MU					Energy Billing in Lakhs					Energy Collection in Lakhs				Total
		Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	
1	33KV HT BULK (Centralized as well as De-Centralized)	11.780	43.806	7.558	9.077	72.221	707.390	2849.358	540.904	570.620	4668.271	646.541	2794.274	540.798	570.620	4552.232
2	11KV HT BULK (Centralized as well as De-Centralized)	8.194	0.601	0.299	0.094	9.189	583.650	57.417	24.844	6.240	672.152	539.112	48.474	20.616	6.240	614.442
3	Domestic	40.240	21.996	10.067	8.197	80.500	1935.200	948.760	534.830	762.720	4181.510	2001.381	856.880	451.300	590.383	3899.944
4	Commercial	9.540	3.244	1.897	1.137	15.818	611.060	244.570	133.440	79.180	1068.250	532.595	158.060	113.436	59.812	863.902
5	Industrial (LT)	1.910	1.678	1.664	5.697	10.949	128.950	118.520	187.590	278.470	713.530	113.169	90.110	148.791	260.690	612.760
6	Government	1.060	0.338	0.204	0.379	1.981	66.620	26.750	13.300	26.390	133.060	57.855	21.180	11.862	17.330	108.227
7	others (Public, Religious, Street Light & Water)	4.470	26.542	8.489	1.048	40.549	649.470	839.320	573.280	46.950	2109.020	457.146	700.750	448.960	46.950	1653.806
	TOTAL	77.194	98.206	30.178	25.629	231.207	4682.340	5084.695	2008.188	1770.570	13545.793	4347.798	4669.727	1735.763	1552.025	12305.313

**COMMERCIAL LOSS DUE TO DEFECTIVE
METERED AND UNMETERED & AVERAGE
BILLING ASSESSMENT OF JABALPUR CITY
CIRCLE OF MADHYA PRADESH STATE**

H COMMERCIAL LOSS DUE TO DEFECTIVE METER AND UNMETERED & AVERAGE BILLING OF JABALPUR CITY CIRCLE

A COMMERCIAL LOSS DUE TO DEFECTIVE METER OF JABALPUR CITY CIRCLE

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	294081	68	Defective meter billing	50
2	Consumer 2	8741890	79	Defective meter billing	0
3	Consumer 3	218390	255	Defective meter billing	150
4	Consumer 4	7791690	188	Defective meter billing	100
5	Consumer 5	88638	115	Defective meter billing	0
6	Consumer 6	409650	78	Defective meter billing	50
7	Consumer 7	4480	94	Defective meter billing	50
8	Consumer 8	8921490	56	Defective meter billing	0
9	Consumer 9	9010300	119	Defective meter billing	50
10	Consumer 10	1143931	140	Defective meter billing	100
11	Consumer 11	9097697	69	Defective meter billing	0
12	Consumer 12	9260596	225	Defective meter billing	185
13	Consumer 13	4595	70	Defective meter billing	50
14	Consumer 14	198638	85	Defective meter billing	50
15	Consumer 15	8205693	109	Defective meter billing	76
16	Consumer 16	8855092	66	Defective meter billing	0
17	Consumer 17	9010324	196	Defective meter billing	100
18	Consumer 18	74445	56	Defective meter billing	0
19	Consumer 19	7192990	123	Defective meter billing	60
20	Consumer 20	99648	104	Defective meter billing	50
21	Consumer 21	1050370	109	Defective meter billing	100
22	Consumer 22	96362	199	Defective meter billing	186
23	Consumer 23	8119892	119	Defective meter billing	60
24	Consumer 24	9010464	55	Defective meter billing	0
25	Consumer 25	9748593	80		50
Total			2857		1517

a	Consumption As per field study	2857
b	As per billing record of the DISCOM	1517
c	Loss due to Defective meter billing	1340
d	% of loss w.r.t billing record of the DISCOM	88.33
e	Total no of Consumer	246606
f	Total Defective Meter Consumer	6165
g	% of Defective meter w.r.t Total consumer	2.500
h	Total Billing in MU	77.194
i	Total Input in MU (33KV Level)	98.946
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	1.930
k	Total Loss due to Defective meter billing	1.705
l	% of loss w.r.t Input Energy	1.723

B COMMERCIAL LOSS DUE TO UNMETERED/AVERAGE BILLING OF JABALPUR CITY CIRCLE

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	735459	165	Provisional billing for Un metered Consumer & Others	226
2	Consumer 2	642	398	Provisional billing for Un metered Consumer & Others	419
3	Consumer 3	MP001815	462	Provisional billing for Un metered Consumer & Others	227
4	Consumer 4	3621856	229	Provisional billing for Un metered Consumer & Others	419
5	Consumer 5	703601	486	Provisional billing for Un metered Consumer & Others	228
6	Consumer 6	7105104	484	Provisional billing for Un metered Consumer & Others	368
7	Consumer 7	B-41971	552	Provisional billing for Un metered Consumer & Others	303
8	Consumer 8	9518016	363	Provisional billing for Un metered Consumer & Others	311
9	Consumer 9	AN29372	462	Provisional billing for Un metered Consumer & Others	250
10	Consumer 10	1538575	462	Provisional billing for Un metered Consumer & Others	304
11	Consumer 11	689300	231	Provisional billing for Un metered Consumer & Others	246
12	Consumer 12	686460	450	Provisional billing for Un metered Consumer & Others	239
13	Consumer 13	956300	230	Provisional billing for Un metered Consumer & Others	249
14	Consumer 14	112337	440	Provisional billing for Un metered Consumer & Others	370
15	Consumer 15	317400	440	Provisional billing for Un metered Consumer & Others	248
16	Consumer 16	310497	660	Provisional billing for Un metered Consumer & Others	244
17	Consumer 17	129287	440	Provisional billing for Un metered Consumer & Others	305
18	Consumer 18	1309633	440	Provisional billing for Un metered Consumer & Others	414
19	Consumer 19	57714	440	Provisional billing for Un metered Consumer & Others	227
20	Consumer 20	438820	330	Provisional billing for Un metered Consumer & Others	229
21	Consumer 21	2977517	330	Provisional billing for Un metered Consumer & Others	237
22	Consumer 22	111	220	Provisional billing for Un metered Consumer & Others	307
23	Consumer 23	1263214	66	Provisional billing for Un metered Consumer & Others	371
24	Consumer 24	1262676	66	Provisional billing for Un metered Consumer & Others	250
		2642274	66	Provisional billing for Un metered Consumer & Others	242
Total			8912		7233

a	Consumption As per field study	8912
b	As per billing record of the DISCOM	7233
c	Loss due to Un metered Consumer & Others Billing	1679
d	% of loss w.r.t billing record of the DISCOM	23.21
e	Total no of Consumer	246606
f	Total Un metered Consumer & Others	493
g	% of Un metered Consumer & Others w.r.t Total meter	0.200
h	Total Billing in MU	77.194
i	Total Input in MU (33KV Level)	98.946
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	0.154
k	Total Loss due to Un metered Consumer & Others Billing	0.036
l	% of loss w.r.t Input Energy	0.036

**COMMERCIAL LOSS DUE TO DEFECTIVE
METERED AND UNMETERED & AVERAGE
BILLING ASSESSMENT OF BHOPAL O&M
CIRCLE OF MADHYA PRADESH STATE**

H COMMERCIAL LOSS DUE TO DEFECTIVE METER AND UNMETERED & AVERAGE BILLING OF BHOPAL CIRCLE**A COMMERCIAL LOSS DUE TO DEFECTIVE METER OF BHOPAL CIRCLE**

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	226567	156	Defective meter billing	110
2	Consumer 2	226350	255	Defective meter billing	125
3	Consumer 3	226385	452	Defective meter billing	325
4	Consumer 4	226397	289	Defective meter billing	178
5	Consumer 5	226415	200	Defective meter billing	145
6	Consumer 6	226439	699	Defective meter billing	450
7	Consumer 7	226452	299	Defective meter billing	198
8	Consumer 8	238284	425	Defective meter billing	310
9	Consumer 9	238302	366	Defective meter billing	225
10	Consumer 10	238326	199	Defective meter billing	98
11	Consumer 11	238340	589	Defective meter billing	411
12	Consumer 12	238363	290	Defective meter billing	189
13	Consumer 13	238387	444	Defective meter billing	300
14	Consumer 14	238405	356	Defective meter billing	274
15	Consumer 15	238429	366	Defective meter billing	200
16	Consumer 16	238454	256	Defective meter billing	156
17	Consumer 17	238466	488	Defective meter billing	366
18	Consumer 18	9039284	299	Defective meter billing	155
19	Consumer 19	9039302	355	Defective meter billing	142
20	Consumer 20	9040134	401	Defective meter billing	199
21	Consumer 21	9040195	466	Defective meter billing	250
22	Consumer 22	9040201	299	Defective meter billing	222
23	Consumer 23	715396	189	Defective meter billing	110
24	Consumer 24	715426	299	Defective meter billing	179
Total			8437		5317

a	Consumption As per field study	8437
b	As per billing record of the DISCOM	5317
c	Loss due to Defective meter billing	3120
d	% of loss w.r.t billing record of the DISCOM	58.68
e	Total no of Consumer	301109
f	Total Defective Meter Consumer	7525
g	% of Defective meter w.r.t Total consumer	2.499
h	Total Billing in MU	98.206
i	Total Input in MU (33KV Level)	122.586
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	2.454
k	Total Loss due to Defective meter billing	1.440
l	% of loss w.r.t Input Energy	1.175

B COMMERCIAL LOSS DUE TO UNMETERED/AVERAGE BILLING OF BHOPAL CIRCLE

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	226580	140	Provisional billing for Un metered Consumer & Others	99
2	Consumer 2	226609	362	Provisional billing for Un metered Consumer & Others	333
3	Consumer 3	226658	200	Provisional billing for Un metered Consumer & Others	159
4	Consumer 4	226786	79	Provisional billing for Un metered Consumer & Others	66
5	Consumer 5	226798	125	Provisional billing for Un metered Consumer & Others	79
6	Consumer 6	226828	440	Provisional billing for Un metered Consumer & Others	400
7	Consumer 7	226841	325	Provisional billing for Un metered Consumer & Others	256
8	Consumer 8	226348	209	Provisional billing for Un metered Consumer & Others	188
9	Consumer 9	226920	221	Provisional billing for Un metered Consumer & Others	143
10	Consumer 10	226956	309	Provisional billing for Un metered Consumer & Others	266
11	Consumer 11	226968	325	Provisional billing for Un metered Consumer & Others	300
12	Consumer 12	226970	331	Provisional billing for Un metered Consumer & Others	265
13	Consumer 13	226622	256	Provisional billing for Un metered Consumer & Others	244
14	Consumer 14	226762	255	Provisional billing for Un metered Consumer & Others	199
15	Consumer 15	226865	250	Provisional billing for Un metered Consumer & Others	178
16	Consumer 16	226373	300	Provisional billing for Un metered Consumer & Others	260
17	Consumer 17	226981	400	Provisional billing for Un metered Consumer & Others	332
18	Consumer 18	227006	652	Provisional billing for Un metered Consumer & Others	552
19	Consumer 19	233092	160	Provisional billing for Un metered Consumer & Others	145
20	Consumer 20	233110	256	Provisional billing for Un metered Consumer & Others	156
21	Consumer 21	233134	300	Provisional billing for Un metered Consumer & Others	156
22	Consumer 22	9038073	255	Provisional billing for Un metered Consumer & Others	245
23	Consumer 23	9038723	105	Provisional billing for Un metered Consumer & Others	90
24	Consumer 24	9040456	200	Provisional billing for Un metered Consumer & Others	189
Total			6455		5300

a	Consumption As per field study	6455
b	As per billing record of the DISCOM	5300
c	Loss due to Un metered Consumer & Others Billing	1155
d	% of loss w.r.t billing record of the DISCOM	21.79
e	Total no of Consumer	301109
f	Total Un metered Consumer & Others	67952
g	% of Un metered Consumer & Others w.r.t Total meter	22.567
h	Total Billing in MU	98.206
i	Total Input in MU (33KV Level)	122.586
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	22.162
k	Total Loss due to Un metered Consumer & Others Billing	4.830
l	% of loss w.r.t Input Energy	3.940

**COMMERCIAL LOSS DUE TO DEFECTIVE
METERED AND UNMETERED & AVERAGE
BILLING ASSESSMENT OF MORENA CIRCLE
OF MADHYA PRADESH STATE**

H COMMERCIAL LOSS DUE TO DEFECTIVE METER AND UNMETERED & AVERAGE BILLING OF MORENA CIRCLE**A COMMERCIAL LOSS DUE TO DEFECTIVE METER OF MORENA CIRCLE**

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	84086	95	Defective meter billing	80
2	Consumer 2	84074	112	Defective meter billing	80
3	Consumer 3	84062	90	Defective meter billing	80
4	Consumer 4	85261	125	Defective meter billing	80
5	Consumer 5	85250	110	Defective meter billing	80
6	Consumer 6	85248	150	Defective meter billing	80
7	Consumer 7	85236	114	Defective meter billing	80
8	Consumer 8	84189	70	Defective meter billing	80
9	Consumer 9	84177	115	Defective meter billing	80
10	Consumer 10	85418	174	Defective meter billing	80
11	Consumer 11	85406	55	Defective meter billing	80
12	Consumer 12	85390	82	Defective meter billing	80
13	Consumer 13	85388	97	Defective meter billing	80
14	Consumer 14	86083	132	Defective meter billing	55
15	Consumer 15	86071	75	Defective meter billing	55
16	Consumer 16	85510	80	Defective meter billing	55
17	Consumer 17	85509	140	Defective meter billing	80
18	Consumer 18	85492	78	Defective meter billing	80
19	Consumer 19	85480	125	Defective meter billing	80
20	Consumer 20	85479	75	Defective meter billing	80
21	Consumer 21	85418	89	Defective meter billing	80
22	Consumer 22	85406	120	Defective meter billing	80
23	Consumer 23	85390	110	Defective meter billing	80
24	Consumer 24	46870	154	Defective meter billing	110
Total			2567		1875

a	Consumption As per field study	2567
b	As per billing record of the DISCOM	1875
c	Loss due to Defective meter billing	692
d	% of loss w.r.t billing record of the DISCOM	36.907
e	Total no of Consumer	111592
f	Total Defective Meter Consumer	8119
g	% of Defective meter w.r.t Total consumer	7.276
h	Total Billing in MU	30.178
i	Total Input in MU (33KV Level)	63.106
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	2.196
k	Total Loss due to Defective meter billing	0.810
l	% of loss w.r.t Input Energy	1.284

B COMMERCIAL LOSS DUE TO UNMETERED/AVERAGE BILLING OF MORENA CIRCLE

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	28400	879	Provisional billing for Un metered Consumer & Others	500
2	Consumer 2	38508	152	Provisional billing for Un metered Consumer & Others	80
3	Consumer 3	85182	1152	Provisional billing for Un metered Consumer & Others	750
4	Consumer 4	71652	1007	Provisional billing for Un metered Consumer & Others	750
5	Consumer 5	84360	911	Provisional billing for Un metered Consumer & Others	750
6	Consumer 6	29994	1152	Provisional billing for Un metered Consumer & Others	750
7	Consumer 7	37700	140	Provisional billing for Un metered Consumer & Others	100
8	Consumer 8	84827	1115	Provisional billing for Un metered Consumer & Others	750
9	Consumer 9	143364	100	Provisional billing for Un metered Consumer & Others	80
10	Consumer 10	150393	125	Provisional billing for Un metered Consumer & Others	80
11	Consumer 11	143923	107	Provisional billing for Un metered Consumer & Others	60
12	Consumer 12	37360	191	Provisional billing for Un metered Consumer & Others	80
13	Consumer 13	37358	146	Provisional billing for Un metered Consumer & Others	80
14	Consumer 14	37346	103	Provisional billing for Un metered Consumer & Others	80
15	Consumer 15	37334	109	Provisional billing for Un metered Consumer & Others	80
16	Consumer 16	37310	125	Provisional billing for Un metered Consumer & Others	80
17	Consumer 17	37309	104	Provisional billing for Un metered Consumer & Others	80
18	Consumer 18	37292	124	Provisional billing for Un metered Consumer & Others	80
19	Consumer 19	37280	125	Provisional billing for Un metered Consumer & Others	80
20	Consumer 20	37279	115	Provisional billing for Un metered Consumer & Others	80
21	Consumer 21	37437	142	Provisional billing for Un metered Consumer & Others	80
22	Consumer 22	37425	119	Provisional billing for Un metered Consumer & Others	80
23	Consumer 23	37413	136	Provisional billing for Un metered Consumer & Others	80
24	Consumer 24	37401	125	Provisional billing for Un metered Consumer & Others	80
25	Consumer 25	37395	100	Provisional billing for Un metered Consumer & Others	80
26	Consumer 26	37383	145	Provisional billing for Un metered Consumer & Others	80
27	Consumer 27	37826	123	Provisional billing for Un metered Consumer & Others	80
28	Consumer 28	37814	125	Provisional billing for Un metered Consumer & Others	80
29	Consumer 29	37802	180	Provisional billing for Un metered Consumer & Others	80
30	Consumer 30	37796	146	Provisional billing for Un metered Consumer & Others	80
Total			9323		6170

a	Consumption As per field study	9323
b	As per billing record of the DISCOM	6170
c	Loss due to Un metered Consumer & Others Billing	3153
d	% of loss w.r.t billing record of the DISCOM	51.102
e	Total no of Consumer	111592
f	Total Un metered Consumer & Others	37126
g	% of Un metered Consumer & Others w.r.t Total meter	33.269
h	Total Billing in MU	30.178
i	Total Input in MU (33KV Level)	63.106
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	10.040
k	Total Loss due to Un metered Consumer & Others Billing	5.131
l	% of loss w.r.t Input Energy	8.130

**COMMERCIAL LOSS DUE TO DEFECTIVE
METERED AND UNMETERED & AVERAGE
BILLING ASSESSMENT OF BURHANPUR
CIRCLE OF MADHYA PRADESH STATE**

H COMMERCIAL LOSS DUE TO DEFECTIVE METER AND UNMETERED & AVERAGE BILLING OF BURHANPUR CIRCLE**A COMMERCIAL LOSS DUE TO DEFECTIVE METER OF BURHANPUR CIRCLE**

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	22250	140	Defective meter billing	100
2	Consumer 2	22766	362	Defective meter billing	100
3	Consumer 3	515334	420	Defective meter billing	202
4	Consumer 4	38770	200	Defective meter billing	150
5	Consumer 5	476407	400	Defective meter billing	450
6	Consumer 6	80347	440	Defective meter billing	400
7	Consumer 7	26182	250	Defective meter billing	105
8	Consumer 8	16830	120	Defective meter billing	200
9	Consumer 9	34057	420	Defective meter billing	320
10	Consumer 10	34436	420	Defective meter billing	360
11	Consumer 11	479147	210	Defective meter billing	210
12	Consumer 12	39189	400	Defective meter billing	160
13	Consumer 13	510610	200	Defective meter billing	180
14	Consumer 14	43170	400	Defective meter billing	240
15	Consumer 15	560947	400	Defective meter billing	300
16	Consumer 16	12131	600	Defective meter billing	561
17	Consumer 17	23854	400	Defective meter billing	416
18	Consumer 18	33833	400	Defective meter billing	300
19	Consumer 19	46849	400	Defective meter billing	150
20	Consumer 20	522478	300	Defective meter billing	198
21	Consumer 21	28129	300	Defective meter billing	120
22	Consumer 22	35240	200	Defective meter billing	480
23	Consumer 23	42597	60	Defective meter billing	60
24	Consumer 24	556920	60	Defective meter billing	292
Total			7502		6054

a	Consumption As per field study	7502
b	As per billing record of the DISCOM	6054
c	Loss due to Defective meter billing	1448
d	% of loss w.r.t billing record of the DISCOM	23.918
e	Total no of Consumer	122407
f	Total Defective Meter Consumer	510
g	% of Defective meter w.r.t Total consumer	0.417
h	Total Billing in MU	25.629
i	Total Input in MU (33KV Level)	33.196
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	0.107
k	Total Loss due to Defective meter billing	0.026
l	% of loss w.r.t Input Energy	0.077

B COMMERCIAL LOSS DUE TO UNMETERED/AVERAGE BILLING OF BURHANPUR CIRCLE

Sl.No	Consumer	Consumer ID no/Meter no	Consumption As per field study	As per billing record of the DISCOM	
				Type of Billing	Unit consumed (U)
1	Consumer 1	553712	140	Provisional billing for Un metered Consumer & Others	120
2	Consumer 2	9289	362	Provisional billing for Un metered Consumer & Others	300
3	Consumer 3	9615	420	Provisional billing for Un metered Consumer & Others	320
4	Consumer 4	1000222	208	Provisional billing for Un metered Consumer & Others	200
5	Consumer 5	12359	400	Provisional billing for Un metered Consumer & Others	450
6	Consumer 6	80347	200	Provisional billing for Un metered Consumer & Others	150
7	Consumer 7	24659	432	Provisional billing for Un metered Consumer & Others	350
8	Consumer 8	25585	330	Provisional billing for Un metered Consumer & Others	310
9	Consumer 9	31522	420	Provisional billing for Un metered Consumer & Others	320
10	Consumer 10	524712	420	Provisional billing for Un metered Consumer & Others	360
11	Consumer 11	34140	210	Provisional billing for Un metered Consumer & Others	210
12	Consumer 12	8295	400	Provisional billing for Un metered Consumer & Others	160
13	Consumer 13	36246	200	Provisional billing for Un metered Consumer & Others	150
14	Consumer 14	4323	400	Provisional billing for Un metered Consumer & Others	240
15	Consumer 15	40861	400	Provisional billing for Un metered Consumer & Others	300
16	Consumer 16	9158	600	Provisional billing for Un metered Consumer & Others	561
17	Consumer 17	41102	400	Provisional billing for Un metered Consumer & Others	416
18	Consumer 18	42646	400	Provisional billing for Un metered Consumer & Others	300
19	Consumer 19	24788	400	Provisional billing for Un metered Consumer & Others	150
20	Consumer 20	34409	300	Provisional billing for Un metered Consumer & Others	198
21	Consumer 21	517082	300	Provisional billing for Un metered Consumer & Others	120
22	Consumer 22	43905	200	Provisional billing for Un metered Consumer & Others	480
23	Consumer 23	32610	60	Provisional billing for Un metered Consumer & Others	60
24	Consumer 24	34261	60	Provisional billing for Un metered Consumer & Others	292
Total			7662		6517

a	Consumption As per field study	7662
b	As per billing record of the DISCOM	6517
c	Loss due to Un metered Consumer & Others Billing	1145
d	% of loss w.r.t billing record of the DISCOM	17.569
e	Total no of Consumer	122407
f	Total Un metered Consumer & Others	20287
g	% of Un metered Consumer & Others w.r.t Total meter	16.573
h	Total Billing in MU	25.629
i	Total Input in MU (33KV Level)	33.196
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	4.247
k	Total Loss due to Un metered Consumer & Others Billing	0.746
l	% of loss w.r.t Input Energy	2.248

**SUMMARY OF COMMERCIAL LOSS DUE TO
DEFECTIVE METERED AND UNMETERED &
AVERAGE BILLING ASSESSMENT OF FOUR
SELECTED CIRCLES OF MADHYA PRADESH
STATE**

H COMMERCIAL LOSS DUE TO DEFECTIVE METER AND UNMETERED & AVERAGE BILLING OF FOUR CIRCLE OF MADHYA PRADESH STATE

A COMMERCIAL LOSS DUE TO DEFECTIVE METER OF FOUR SELECTED CIRCLES

Sl.No.	DESCRIPTION	JABALPUR	BHOPAL	MORENA	BURHANPUR	Total
a	Consumption As per field study	2857	8437	2567	7502	21363
b	As per billing record of the DISCOM	1517	5317	1875	6054	14763
c	Loss due to Defective meter billing	1340	3120	692	1448	6600
d	% of loss w.r.t billing record of the DISCOM	88.332	58.680	36.907	23.918	44.706
e	Total no of Consumer	246606	301109	111592	122407	781714
f	Total Defective Meter Consumer	6165	7525	8119	510	22319
g	% of Defective meter w.r.t Total meter	2.5	2.499	7.276	0.417	2.855
h	Total Billing in MU	77.194	98.21	30.178	25.629	231.207
i	Total Input in MU (33KV Level)	98.946	122.59	63.106	33.196	317.8328
j	Total Billing due to Defective meter in MU (Considering equal % of billing)	1.930	2.45	2.196	0.107	6.601
k	Total Loss due to Defective meter billing	1.705	1.44	0.810	0.026	3.98073
l	% of loss w.r.t Input Energy	1.723	1.17	1.284	0.077	1.252

B COMMERCIAL LOSS DUE TO UNMETERED/AVERAGE BILLING OF FOUR SELECTED CIRCLES

Sl.No.	DESCRIPTION	JABALPUR	BHOPAL	MORENA	BURHANPUR	Total
a	Consumption As per field study	8912	6455	9323	7662	32352
b	As per billing record of the DISCOM	7233	5300	6170	6517	25220
c	Loss due to Un metered Consumer & Others Billing	1679	1155	3153	1145	7132
d	% of loss w.r.t billing record of the DISCOM	23.213	21.792	51.102	17.569	28.279
e	Total no of Consumer	246606	301109	111592	122407	781714
f	Total Un metered Consumer & Others	493	67952	37126	20287	125858
g	% of Un metered Consumer & Others w.r.t Total meter	0.2	22.567	33.269	16.573	16.100
h	Total Billing in MU	77.194	98.2057	30.178284	25.629	231.207
i	Total Input in MU (33KV Level)	98.946	122.586	63.106	33.196	317.8328
j	Total Billing due to Un metered Consumer & Others in MU (Considering equal % of billing)	0.154	22.162	10.040	4.247	36.604
k	Total Loss due to Un metered Consumer & Others Billing	0.036	4.830	5.131	0.746	10.74239
l	% of loss w.r.t Input Energy	0.036	3.940	8.130	2.248	3.380

**COMPONENT WISE AT& C LOSS
ASSESSMENT DATA OF JABALPUR CITY
CIRCLE OF MADHYA PRADESH STATE**

I) Component wise AT&C loss FOR JABALPUR CITY CIRCLE FOR THE MONTH OF JULY 2013

Sl.No	Particulars	Unit	In the Month of June,2013	Description
1	Energy Input	MU	98.946	33 kV Level
2	Metered Energy Sales	MU	77.194	
3	Energy Billed	MU	77.194	
4	Energy Loss in MU	MU	21.752	Energy Input in MU - Energy Billed in MU
5	Revenue Billed	Rs. lac	4682.340	
6	Revenue collected	Rs. lac	4347.798	Against Billed Amount (Without any arrear)
7	Billing Efficiency	%	78.016	$\frac{\text{Metered Energy in MU}}{\text{Total energy in MU}}$
8	Collection Efficiency	%	92.855	$\frac{\text{Revenue collected in Rs. Lakh}}{\text{Revenue billed in Rs. Lakh}}$
9	% of AT&C Losses	%	27.558	$[1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})] \times 100$
10	AT&C Loss	MU	27.267	$[\text{Energy Loss (MU)} + \text{Unrealized Revenue MU}]$ or $(\text{Input Energy} \times \text{AT\&C Loss as \% wrt Input Energy})$
11	Unrealized Revenue	MU	5.515	AT&C Loss in MU - Energy Loss in MU
12	% of Unrealized Revenue wrt input energy	%	5.574	
13	33 kV line loss	MU	2.420	
14	% 33 kV line loss wrt input energy	%	2.446	
15	33/11 kV PSS loss	MU	0.815	
16	% 33/11 kV PSS loss wrt input energy	%	0.824	
17	11 kV line loss	MU	5.017	
18	% 11 kV line loss wrt input energy	%	5.070	
19	LT line loss	MU	8.235	
20	% LT line loss wrt input energy	%	8.323	
21	Commercial loss due to Defective meter	MU	1.705	
22	% Commercial loss due to Defective meter wrt input energy	%	1.723	
23	Commercial loss due to Unmetered & Avg. billing	MU	0.036	
24	% Commercial loss due to Unmetered & Avg. billing wrt input energy	%	0.036	
25	Commercial loss due to theft	MU	3.523	Energy loss- 33 kV line loss - 33/11 KV PSS loss - 11 kV line loss - LT line loss-loss due to Unmetered & Avg. billing - loss due to Defective meter
26	% of Commercial loss due to theft w.r.t Input Energy	%	3.561	

**COMPONENT WISE AT& C LOSS
ASSESSMENT DATA OF BHOPAL O&M CIRCLE
OF MADHYA PRADESH STATE**

I) Component wise AT&C loss FOR BHOPAL O&M CIRCLE FOR THE MONTH OF JULY 2013

Sl.No	Particulars	Unit	In the Month of June,2013	Description
1	Energy Input	MU	122.586	33 kV Level
2	Metered Energy Sales	MU	98.206	
3	Energy Billed	MU	98.206	
4	Energy Loss in MU	MU	24.380	Energy Input in MU - Energy Billed in MU
5	Revenue Billed	Rs. lac	5084.695	
6	Revenue collected	Rs. lac	4669.727	Against Billed Amount (Without any arrear)
7	Billing Efficiency	%	80.112	$\frac{\text{Metered Energy in MU}}{\text{Total energy in MU}}$
8	Collection Efficiency	%	91.839	$\frac{\text{Revenue collected in Rs. Lakh}}{\text{Revenue billed in Rs. Lakh}}$
9	% of AT&C Losses	%	26.426	$[1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})] \times 100$
10	AT&C Loss	MU	32.395	$[\text{Energy Loss (MU)} + \text{Unrealized Revenue MU}]$ or $(\text{Input Energy} \times \text{AT\&C Loss as \% wrt Input Energy})$
11	Unrealized Revenue	MU	8.015	AT&C Loss in MU - Energy Loss in MU
12	% of Unrealized Revenue wrt input energy	%	6.538	
13	33 kV line loss	MU	1.858	
14	% 33 kV line loss wrt input energy	%	1.516	
15	33/11 kV PSS loss	MU	0.841	
16	% 33/11 kV PSS loss wrt input energy	%	0.686	
17	11 kV line loss	MU	5.210	
18	% 11 kV line loss wrt input energy	%	4.250	
19	LT line loss	MU	7.409	
20	% LT line loss wrt input energy	%	6.044	
21	Commercial loss due to Defective meter	MU	1.440	
22	% Commercial loss due to Defective meter wrt input energy	%	1.175	
23	Commercial loss due to Unmetered & Avg. billing	MU	4.830	
24	% Commercial loss due to Unmetered & Avg. billing wrt input energy	%	3.940	
25	Commercial loss due to theft	MU	2.791	Energy loss- 33 kV line loss - 33/11 KV PSS loss - 11 kV line loss - LT line loss-loss due to Unmetered & Avg. billing - loss due to Defective meter
26	% of Commercial loss due to theft w.r.t Input Energy	%	2.277	

**COMPONENT WISE AT& C LOSS
ASSESSMENT DATA OF MORENA CIRCLE OF
MADHYA PRADESH STATE**

I) Component wise AT&C loss FOR MORENA CIRCLE FOR THE MONTH OF JULY 2013

Sl.No	Particulars	Unit	In the Month of June,2013	Description
1	Energy Input	MU	63.106	33 kV Level
2	Metered Energy Sales	MU	30.178	
3	Energy Billed	MU	30.178	
4	Energy Loss in MU	MU	32.927	Energy Input in MU - Energy Billed in MU
5	Revenue Billed	Rs. lac	2008.188	
6	Revenue collected	Rs. lac	1735.763	Against Billed Amount (Without any arrear)
7	Billing Efficiency	%	47.822	$\frac{\text{Metered Energy in MU}}{\text{Total energy in MU}}$
8	Collection Efficiency	%	86.434	$\frac{\text{Revenue collected in Rs. Lakh}}{\text{Revenue billed in Rs. Lakh}}$
9	% of AT&C Losses	%	58.666	$[1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})] \times 100$
10	AT&C Loss	MU	37.021	$[\text{Energy Loss (MU)} + \text{Unrealized Revenue MU}] \text{ or } (\text{Input Energy} \times \text{AT\&C Loss as wrt Input Energy})$
11	Unrealized Revenue	MU	4.094	AT&C Loss in MU - Energy Loss in MU
12	% of Unrealized Revenue wrt input energy	%	6.487	
13	33 kV line loss	MU	1.395	
14	% 33 kV line loss wrt input energy	%	2.211	
15	33/11 kV PSS loss	MU	0.678	
16	% 33 /11 kV PSS loss wrt input energy	%	1.074	
17	11 kV line loss	MU	3.340	
18	% 11 kV line loss wrt input energy	%	5.293	
19	LT line loss	MU	5.412	
20	% LT line loss wrt input energy	%	8.577	
21	Commercial loss due to Defective meter	MU	0.810	
22	% Commercial loss due to Defective meter wrt input energy	%	1.284	
23	Commercial loss due to Unmetered & Avg. billing	MU	5.131	
24	% Commercial loss due to Unmetered & Avg.billing wrt input energy	%	8.130	
25	Commercial loss due to theft	MU	16.161	Energy loss- 33 kV line loss - 33/11 KV PSS loss - 11 kV line loss - LT line loss-loss due to Unmetered & Avg. billing - loss due to Defective meter
26	% of Commercial loss due to theft w.r.t Input Energy	%	25.609	

**COMPONENT WISE AT& C LOSS
ASSESSMENT DATA OF BURHANPUR CIRCLE
OF MADHYA PRADESH STATE**

I) Component wise AT&C loss FOR BURHANPUR CIRCLE FOR THE MONTH OF JULY 2013

Sl.No	Particulars	Unit	In the Month of June, 2013	Description
1	Energy Input	MU	33.196	33 kV Level
2	Metered Energy Sales	MU	25.629	
3	Energy Billed	MU	25.629	
4	Energy Loss in MU	MU	7.567	Energy Input in MU - Energy Billed in MU
5	Revenue Billed	Rs. lac	1770.570	
6	Revenue collected	Rs. lac	1552.025	Against Billed Amount (Without any arrear)
7	Billing Efficiency	%	77.206	$\frac{\text{Metered Energy in MU}}{\text{Total energy in MU}}$
8	Collection Efficiency	%	87.657	$\frac{\text{Revenue collected in Rs. Lakh}}{\text{Revenue billed in Rs. Lakh}}$
9	% of AT&C Losses	%	32.324	$[1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})] \times 100$
10	AT&C Loss	MU	10.730	$[\text{Energy Loss (MU)} + \text{Unrealized Revenue MU}]$ or $(\text{Input Energy} \times \text{AT\&C Loss as wrt Input Energy})$
11	Unrealized Revenue	MU	3.163	AT&C Loss in MU - Energy Loss in MU
12	% of Unrealized Revenue wrt input energy	%	9.530	
13	33 kV line loss	MU	0.460	
14	% 33 kV line loss wrt input energy	%	1.384	
15	33/11 kV PSS loss	MU	0.309	
16	% 33/11 kV PSS loss wrt input energy	%	0.930	
17	11 kV line loss	MU	2.029	
18	% 11 kV line loss wrt input energy	%	6.114	
19	LT line loss	MU	3.232	
20	% LT line loss wrt input energy	%	9.737	
21	Commercial loss due to Defective meter	MU	0.026	
22	% Commercial loss due to Defective meter wrt input energy	%	0.077	
23	Commercial loss due to Unmetered & Avg. billing	MU	0.746	
24	% Commercial loss due to Unmetered & Avg. billing wrt input energy	%	2.248	
25	Commercial loss due to theft	MU	0.765	Energy loss- 33 kV line loss - 33/11 KV PSS loss - 11 kV line loss - LT line loss-loss due to Unmetered & Avg. billing - loss due to Defective meter
26	% of Commercial loss due to theft w.r.t Input Energy	%	2.303	

**SUMMARY OF COMPONENT WISE AT& C
LOSS ASSESSMENT DATA OF FOUR SELECTED
CIRCLES OF MADHYA PRADESH STATE**

I) SUMMARY OF COMPONENT WISE AT&C loss OF FOUR CIRCLE OF MADHYA PRADESH STATE

Sl.No	Particulars	Unit	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Description
			Monthly	Monthly	Monthly	Monthly	Monthly	
1	Energy Input	MU	98.946	122.586	63.106	33.196	317.833	33 kV Level
2	Metered Energy Sales	MU	77.194	98.206	30.178	25.629	231.207	
3	Energy Billed	MU	77.194	98.206	30.178	25.629	231.207	
4	Energy Loss in MU	MU	21.752	24.380	32.927	7.567	86.626	Energy Input in MU - Energy Billed in MU
5	Revenue Billed	Rs. lac	4682.340	5084.695	2008.188	1770.570	13545.793	
6	Revenue collected	Rs. lac	4347.798	4669.727	1735.763	1552.025	12305.313	Against Billed Amount (Without any arrear)
7	Billing Efficiency	%	78.016	80.112	47.822	77.206	72.745	$\frac{\text{Metered Energy in MU}}{\text{Total energy in MU}}$
8	Collection Efficiency	%	92.855	91.839	86.434	87.657	90.842	$\frac{\text{Revenue collected in Rs. Lakh}}{\text{Revenue billed in Rs. Lakh}}$
9	% of AT&C Losses	%	27.558	26.426	58.666	32.324	33.917	$[1 - (\text{Billing Efficiency} \times \text{Collection Efficiency})] \times 100$
10	AT&C Loss	MU	27.267	32.395	37.021	10.730	107.413	$[\text{Energy Loss (MU)} + \text{Unrealized Revenue MU}] \text{ or } (\text{Input Energy} \times \text{AT\&C Loss as wrt Input Energy})$
11	Unrealized Revenue	MU	5.515	8.015	4.094	3.163	20.787	AT&C Loss in MU - Energy Loss in MU
12	% of Unrealized Revenue wrt input energy	%	5.574	6.538	6.487	9.530	6.540	
13	33 kV line loss	MU	2.420	1.858	1.395	0.460	6.133	
14	% 33 kV line loss wrt input energy	%	2.446	1.516	2.211	1.384	1.930	
15	33/11 kV PSS loss	MU	0.815	0.841	0.678	0.309	2.643	
16	% 33/11 kV PSS loss wrt input energy	%	0.824	0.686	1.074	0.930	0.832	
17	11 kV line loss	MU	5.017	5.210	3.340	2.029	15.597	
18	% 11 kV line loss wrt input energy	%	5.070	4.250	5.293	6.114	4.907	
19	LT line loss	MU	8.235	7.409	5.412	3.232	24.289	
20	% LT line loss wrt input energy	%	8.323	6.044	8.577	9.737	7.642	

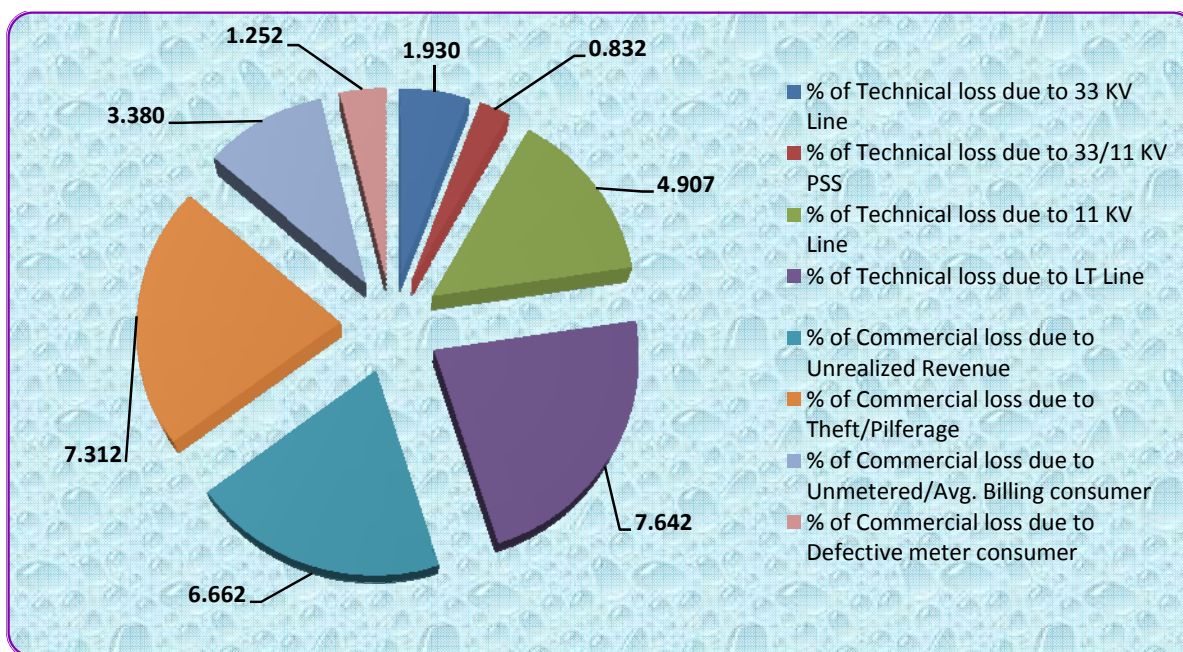
Sl.No	Particulars	Unit	Jabalpur city Circle	Bhopal O&M Circle	Morena Circle	Burhanpur Circle	Total	Description
			Monthly	Monthly	Monthly	Monthly	Monthly	
21	Commercial loss due to Defective meter	MU	1.705	1.440	0.810	0.026	3.981	
22	% Commercial loss due to Defective meter wrt input energy	%	1.723	1.175	1.284	0.077	1.252	
23	Commercial loss due to Unmetered & Avg. billing	MU	0.036	4.830	5.131	0.746	10.742	
24	% Commercial loss due to Unmetered & Avg.billing wrt input energy	%	0.036	3.940	8.130	2.248	3.380	
25	Commercial loss due to theft	MU	3.523	2.791	16.161	0.765	23.240	Energy loss- 33 kV line loss - 33/11 KV PSS loss - 11 kV line loss - LT line loss-loss due to Unmetered & Avg. billing - loss due to Defective meter
26	% of Commercial loss due to theft w.r.t Input Energy	%	3.561	2.277	25.609	2.303	7.312	

MADHYA PRADESH STATE AT A GLANCE

COMPONENT-WISE AT&C LOSS AT A GLANCE OF MADHYA-PRADEH STATE:

SL. NO.	NAME OF THE CIRCLE/STATE	FORMULA	33 KV INPUT ENERGY (MU)	% OF TECHNICAL LOSS DUE TO				% OF COMMERCIAL LOSS DUE TO				% OF AT&C LOSS
				33 KV LINE	33/11 KV PSS	11 KV LINE	LT LINE	THEFT/ PILFERAGE	DEFECTIVE METERS	UNMETERED/ AVG. BILLING	UNREALIZED REVENUE	
				(A)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
A	JABALPUR CITY	COMPUTED DATA	98.946	2.446	0.824	5.070	8.323	3.561	1.723	0.036	5.574	27.558
B	BHOPAL O&M		122.586	1.516	0.686	4.250	6.044	2.277	1.175	3.940	6.538	26.426
C	MORENA		63.106	2.211	1.074	5.293	8.577	25.609	1.284	8.130	6.487	58.666
D	BURHANPUR		33.196	1.384	0.930	6.114	9.737	2.303	0.077	2.248	9.530	32.324
E	MADHYA PRADESH STATE		3244.498	1.930	0.832	4.907	7.642	7.312	1.252	3.380	6.662	33.917

PIE DIAGRAM FOR % OF COMPONENT WISE AT&C LOSSES OF MADHYA PRADESH



Percentage of AT&C Losses of Madhya Pradesh State is 33.917

FOR FURTHER DETAILS, PLEASE CONTACT:

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E-mail : Kolkata@meconlimied.co.in, meconkol@gmail.com
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DEPUTY GENERAL MANAGER
MECON LIMITED
50, Chowringhee Road, Kolkata - 700071,
Mob: +919433331937
Fax No.: 033-22824441
E-mail : Kolkata@meconlimied.co.in, meconkol@gmail.com

MECON TEAM:

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REPORT CHECKED BY :

2. SHRI. ROBIN DAS, DGM (ELEC.) & SIC, MECON KOLKATA
3. SHRI. N.R. MOHANTY, MANAGER (ELEC.), MECON RANCHI

REPORT PREPARED BY :

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6. SHRI. SHAHNAWAZ AHMAD, DESIGN ENGINEER, MECON RANCHI
7. SHRI. MUKESH KUMAR JAISWARA, DESIGN ENGINEER, MECON KOLKATA
8. SHRI. MOINAK SARKAR, ASST. PROJECT ENGINEER, MECON KOLKATA

**DRAWINGS AND DIAGRAMS
ON
ASSESSMENT OF COMPONENT-WISE
AT&C LOSSES
FOR MADHYA PRADESH STATE**

VOLUME-III



A REPORT BY



MECON LIMITED
(A Govt. of India Enterprise)

MARCH 2014



SL. NO	DRAWING DESCRIPTION	DRAWING NO	REV	NO OF SHEETS
DRAWING LIST FOR MORENA CIRCLE				
01	33KV INTERCONNECTION DIAGRAM AND 33KV CONSUMER OF MORENA CIRCLE.	MEC/11/Q709/MRN/E1/ID/001	00	01
02	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR MORENA-I DIVISION UNDER MORENA CIRCLE.	MEC/11/Q709/MRN/E1/ID/002	00	06
03	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR MORENA-II DIVISION UNDER MORENA CIRCLE.	MEC/11/Q709/MRN/E1/ID/003	00	08
04	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR AMBAH DIVISION UNDER MORENA CIRCLE.	MEC/11/Q709/MRN/E1/ID/004	00	08
05	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR SABALGARH DIVISION UNDER MORENA CIRCLE.	MEC/11/Q709/MRN/E1/ID/005	00	08
DRAWING LIST FOR BURHANPUR CIRCLE				
01	33KV INTERCONNECTION DIAGRAM AND 33KV CONSUMER OF BURHANPUR CIRCLE.	MEC/11/Q709/BRP/E1/ID/001	00	01
02	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O& M DIVISION UNDER BURHANPUR CIRCLE.	MEC/11/Q709/BRP/E1/ID/002	00	27
03	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR CITY DIVISION UNDER BURHANPUR CIRCLE.	MEC/11/Q709/BRP/E1/ID/003	00	06
DRAWING LIST FOR JABALPUR CITY CIRCLE				
01	33KV INTERCONNECTION DIAGRAM AND 33KV CONSUMER OF JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/001	00	01
02	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR VIJAY NAGAR DIVISION UNDER JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/002	01	02
03	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR NORTH DIVISION UNDER JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/003	01	02
04	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR SOUTH DIVISION UNDER JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/004	01	06
05	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR WEST DIVISION UNDER JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/005	01	03

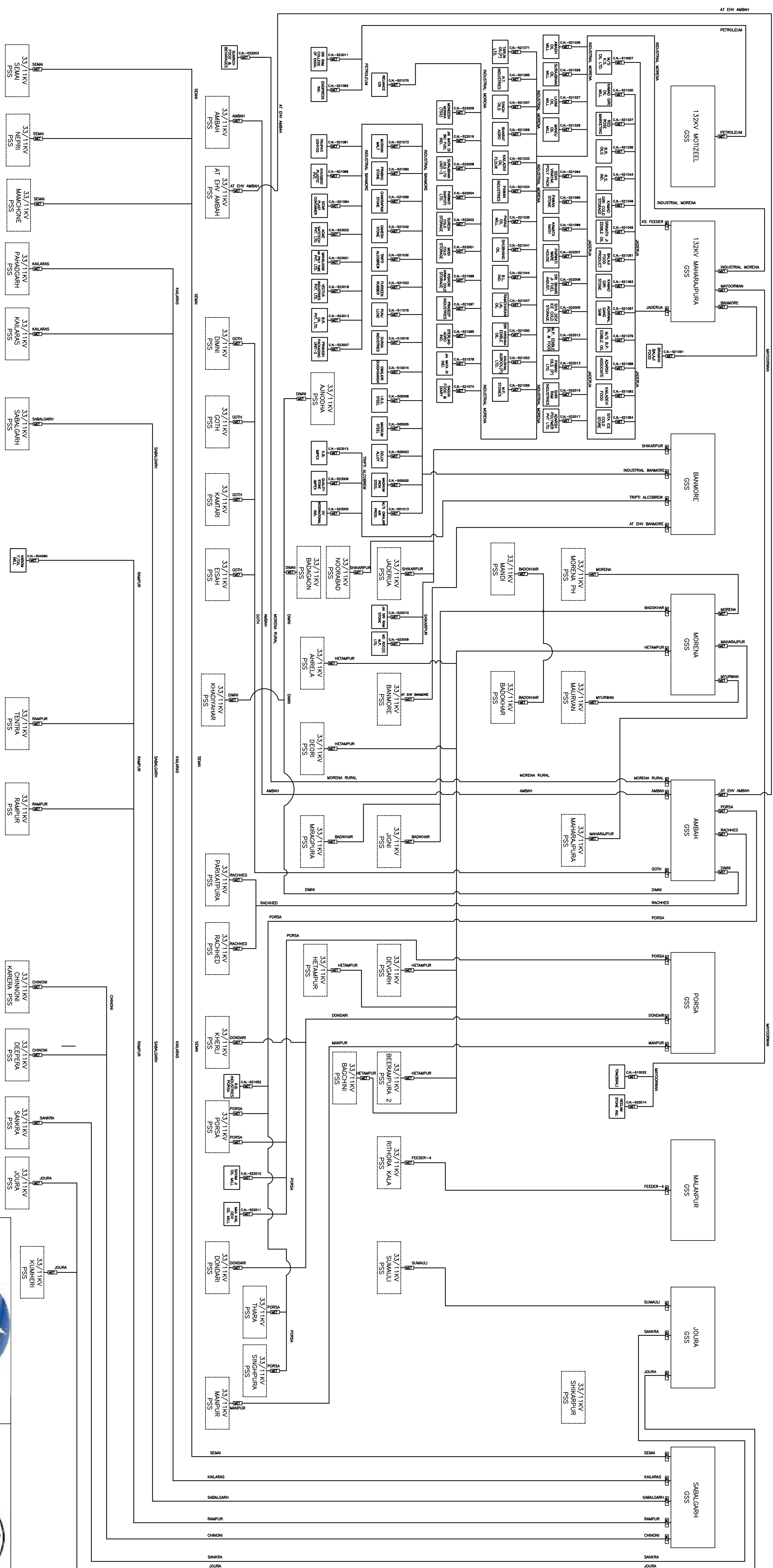
SL. NO	DRAWING DESCRIPTION	DRAWING NO	REV	NO OF SHEETS
06	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR EAST DIVISION UNDER JABALPUR CITY CIRCLE.	MEC/11/Q709/JBP/E1/ID/006	01	04
DRAWING LIST FOR BHOPAL O&M CIRCLE				
01	33KV INTERCONNECTION DIAGRAM AND 33KV CONSUMER OF BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/001	00	01
02	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR NASRULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/002	00	11
03	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR OBEDULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/003	00	10
04	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BARELI DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/004	00	10
05	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/005	00	18
06	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR RAISEN DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/006	00	16
07	33KV INTERCONNECTION DIAGRAM UPTO DTR POINT FOR MANDIDEEP DIVISION UNDER BHOPAL O&M CIRCLE.	MEC/11/Q709/BHP/E1/ID/007	00	06

**DRAWINGS AND DIAGRAMS
OF
MORENA CIRCLE**

DRAWING DESCRIPTION. :
33KV INTERCONNECTION DIAGRAM AND
33KV CONSUMER OF MORENA CIRCLE.

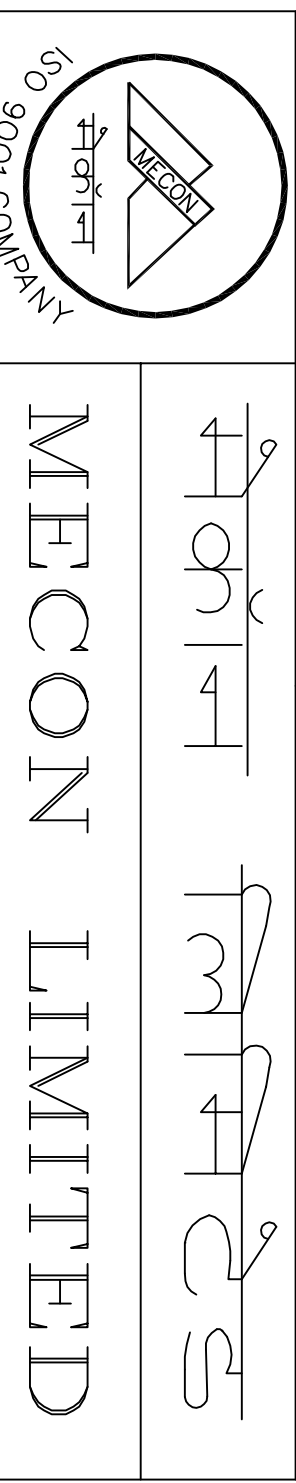
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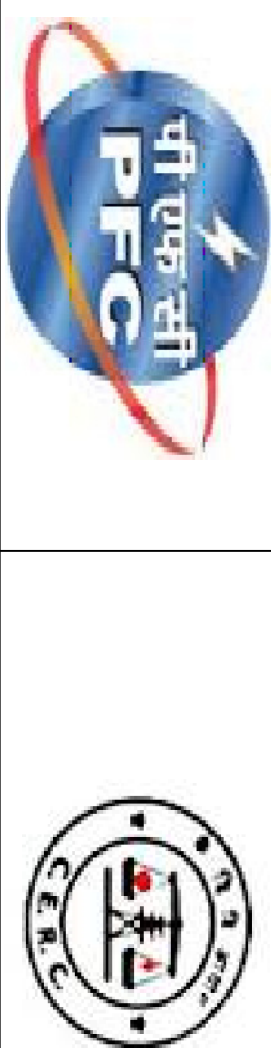


NOTE:—

THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION
RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD
VISIT.

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POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.



SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.		
LOCATION	RANCHI			
DESIGNED	N.R.MOHANTY	33KV POWER INTERCONNECTION DIAGRAM		
DRAWN	SHAHJAWAZ AHMAD	AND 33KV HT CONSUMER		
CHECKED	SHAHJAWAZ AHMAD	OF MORENA CIRCLE.		
AND				
VERIFIED	SAMIR MONDAL			
APPROVED	S.K. CHATTERJEE	SCALE – N.T.S.		
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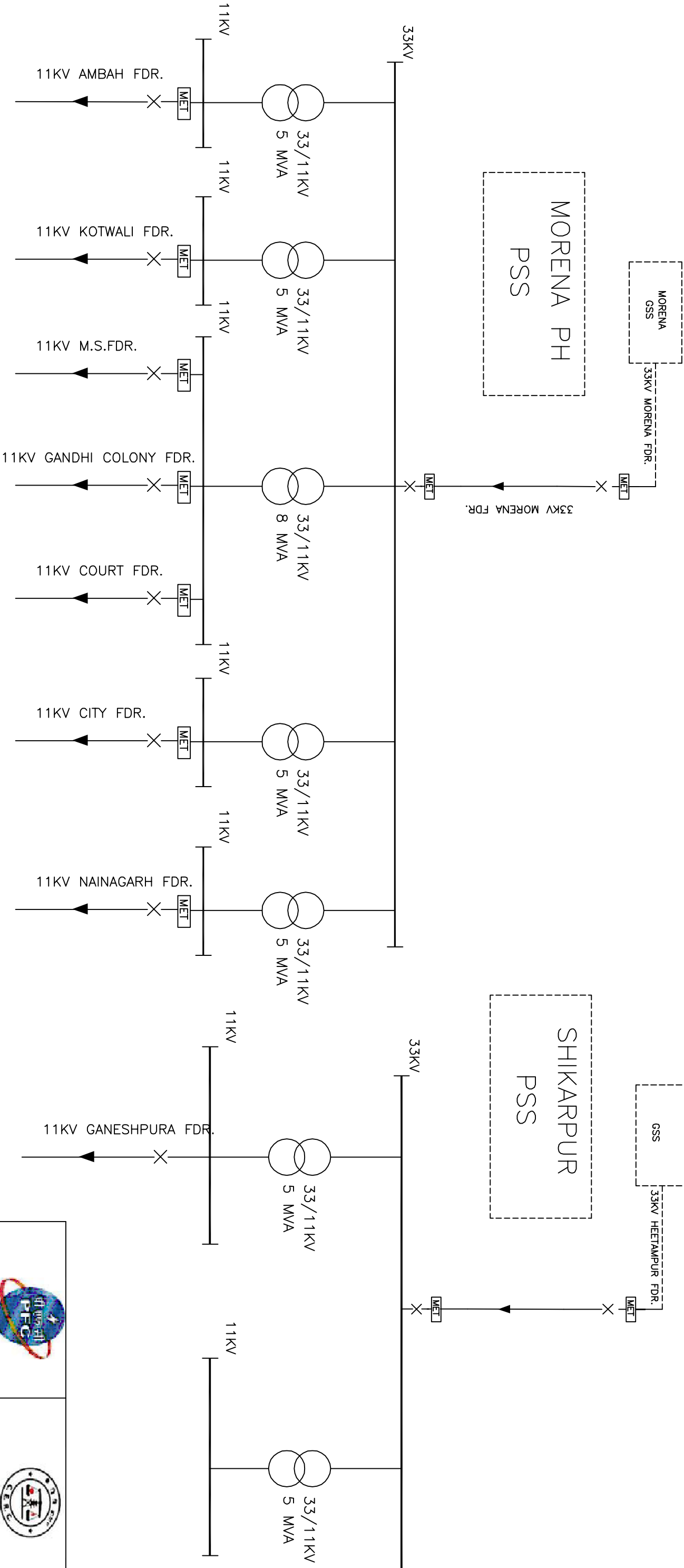
DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR MORENA-I DIVISION UNDER
MORENA CIRCLE.**

Drawing No. : MEC/11/O709/MRN/E1/ID/002

No. of Sheets: 06

MORENA-I (MORENA PH PSS)

MORENA-I (SHIKARPUR PSS)



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NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

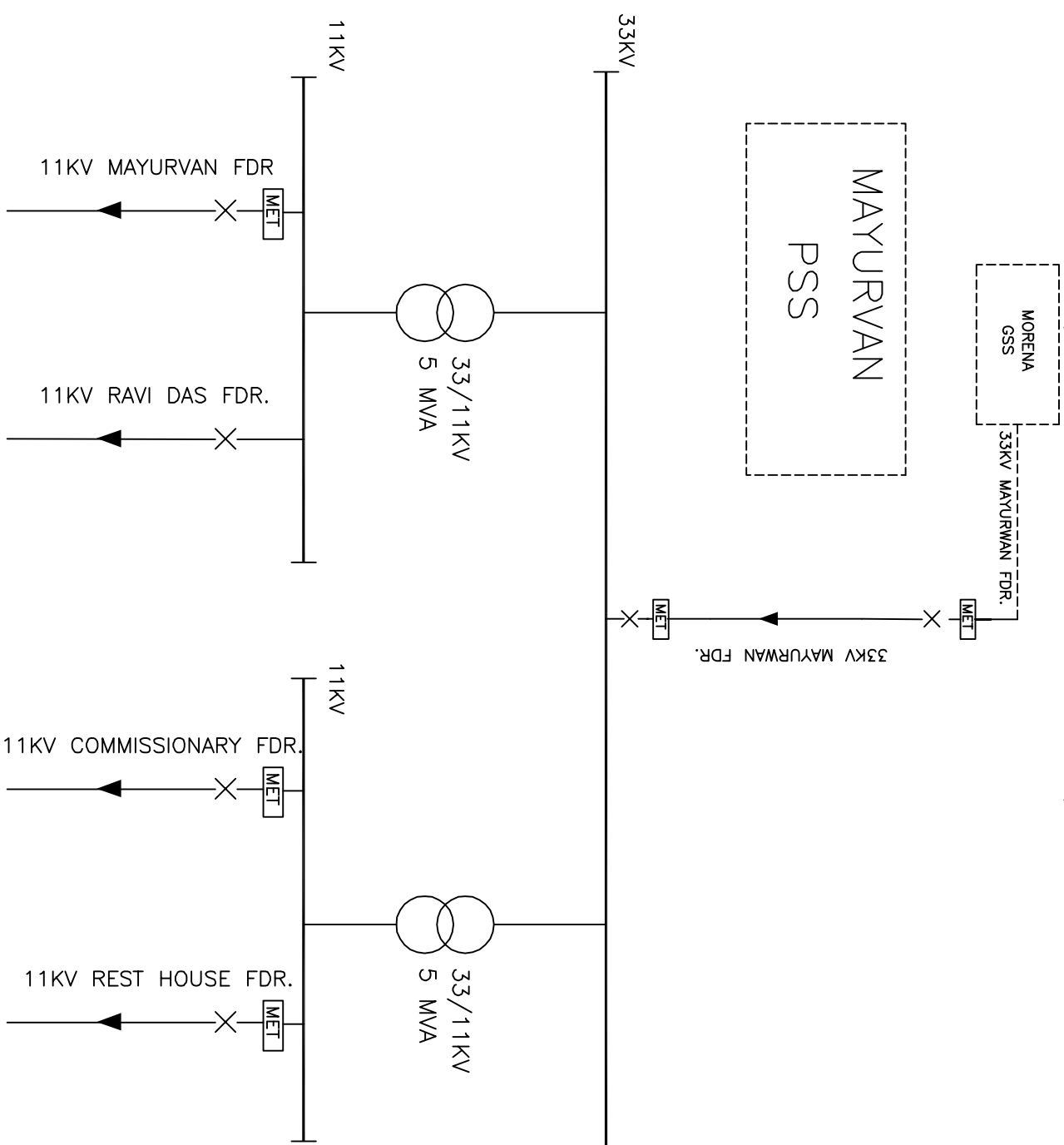
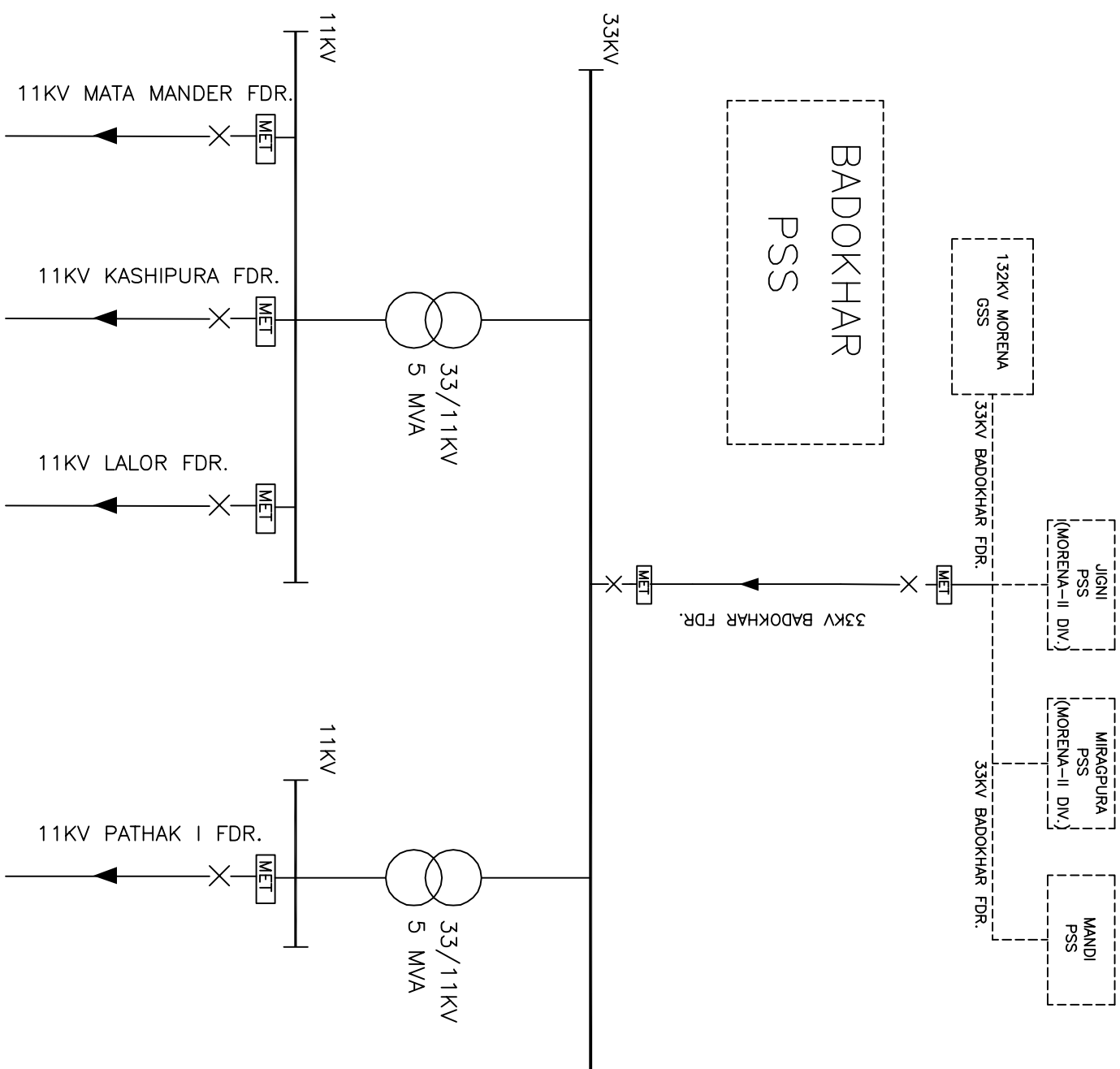
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MECON LIMITED

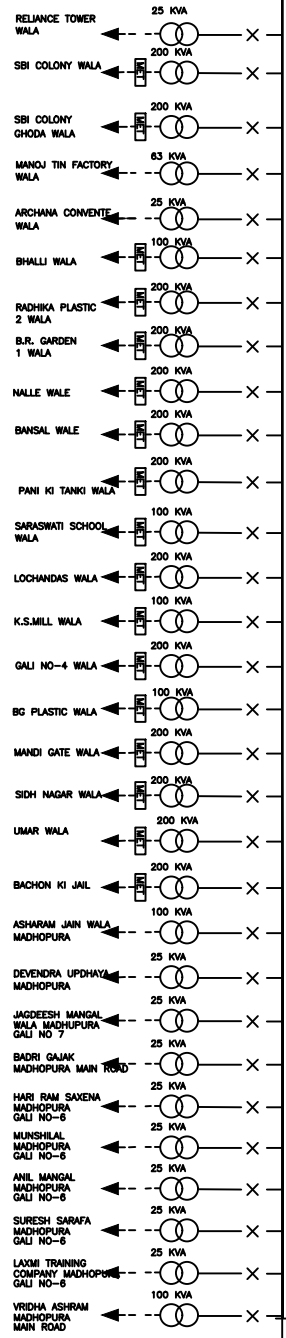
NOTE: -			THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.		
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MORENA-1 (BADOKHAR PSS)

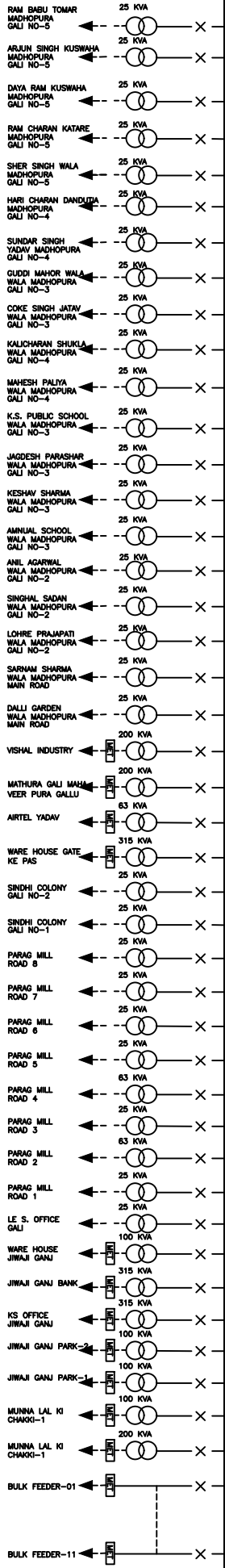
MORENA-1 (MAYURVAN PSS) MORENA-1 DIVISION

[illegible]

11KV-NAINAGARH FEEDER.



11KV-NAINAGARH FEEDER.



11KV NAINAGARH FEEDER

315 KVA DTR - 03 NOS.
200 KVA DTR - 16 NOS.
100 KVA DTR - 10 NOS.
63 KVA DTR - 04 NOS.
25 KVA DTR - 39 NOS.
BULK - 2 NOS.

MORENA-1 DIVISION
MORENA PH PSS

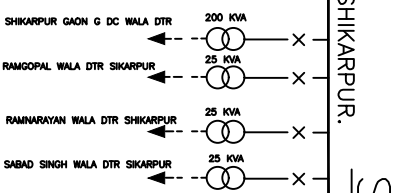
MECON LIMITED

POWER FINANCE CORPORATION. NEW DELHI.
CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

SECTION	ELIGIBLE	LOCATION	RANCH	DESIGNED	DRAWN	CHECKED	VERIFIED	APPROVED	SCALE	SHEET	REV.
1	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
2	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
3	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
4	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
5	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
6	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
7	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
8	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
9	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION
10	33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION	UNDER MORENA CIRCLE.					33KV POWER INTERCONNECTION DIAGRAM	UPRO DTR POINT	FOR MORENA-1 DIVISION

MORENA-I DIVISION

SHIKARPUR PSS

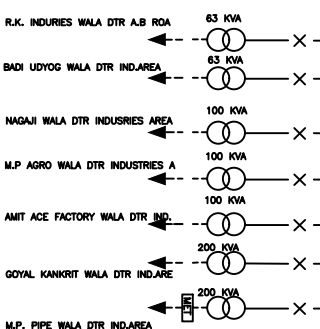


11KV SHIKARPUR FEEDER
200 KVA DTR - 01 NOS.
25 KVA DTR - 03 NOS.

MORENA-I DIVISION

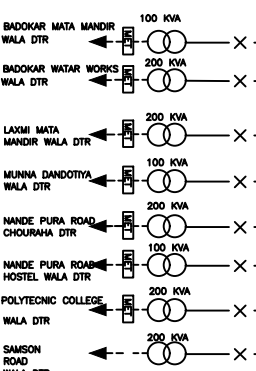
MAHARAJA PSS

11KV-INDUSTRIAL FEEDER.



11KV INDUSTRIAL FEEDER
200 KVA DTR - 02 NOS.
100 KVA DTR - 03 NOS.
63 KVA DTR - 02 NOS.

11KV-MATA MANDER FEEDER.

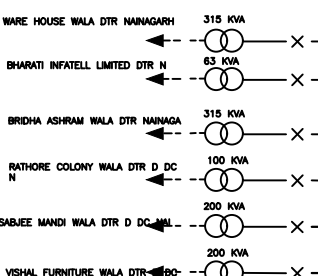


MORENA-I DIVISION

BADOKAR PSS

11KV MATA MANDER FEEDER
200 KVA DTR - 05 NOS.
100 KVA DTR - 03 NOS.

11KV-NAIGARH DUTAPURA.

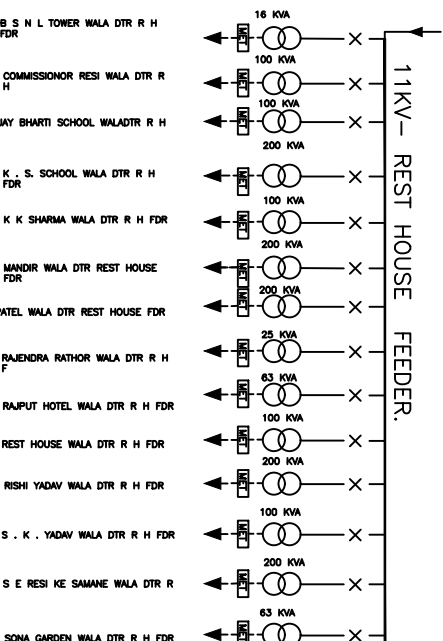


NAIGARH DUTAPURA

315 KVA DTR - 02 NOS.
200 KVA DTR - 02 NOS.
100 KVA DTR - 01 NOS.
63 KVA DTR - 01 NOS.

MORENA-I DIVISION

MAYURVAN PSS



11KV REST HOUSE FEEDER

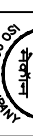
200 KVA DTR - 5 NOS.
100 KVA DTR - 5 NOS.
63 KVA DTR - 2 NOS.
25 KVA DTR - 1 NOS.
16 KVA DTR - 1 NOS.

POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

MECON LIMITED

MECON LIMITED



MECON LIMITED

SECTION ELECTRICAL

LOCATION RANCHI

DESIGNED N. RAJENDRA

DRAWN SHANAWAZ AHMAD

CHECKED SAHIL MONDAL

VERIFIED

DWG. NO.

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APPROVED S.K. CHATTERJEE

SCALE - N.T.S.

DWG. NO. JBC/11/0700/ABN/RS/70/002

SHEET 06 OF 06

NOTE:-
THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.

CONCURRED BY

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DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR MORENA-II DIVISION
UNDER MORENA CIRCLE.**

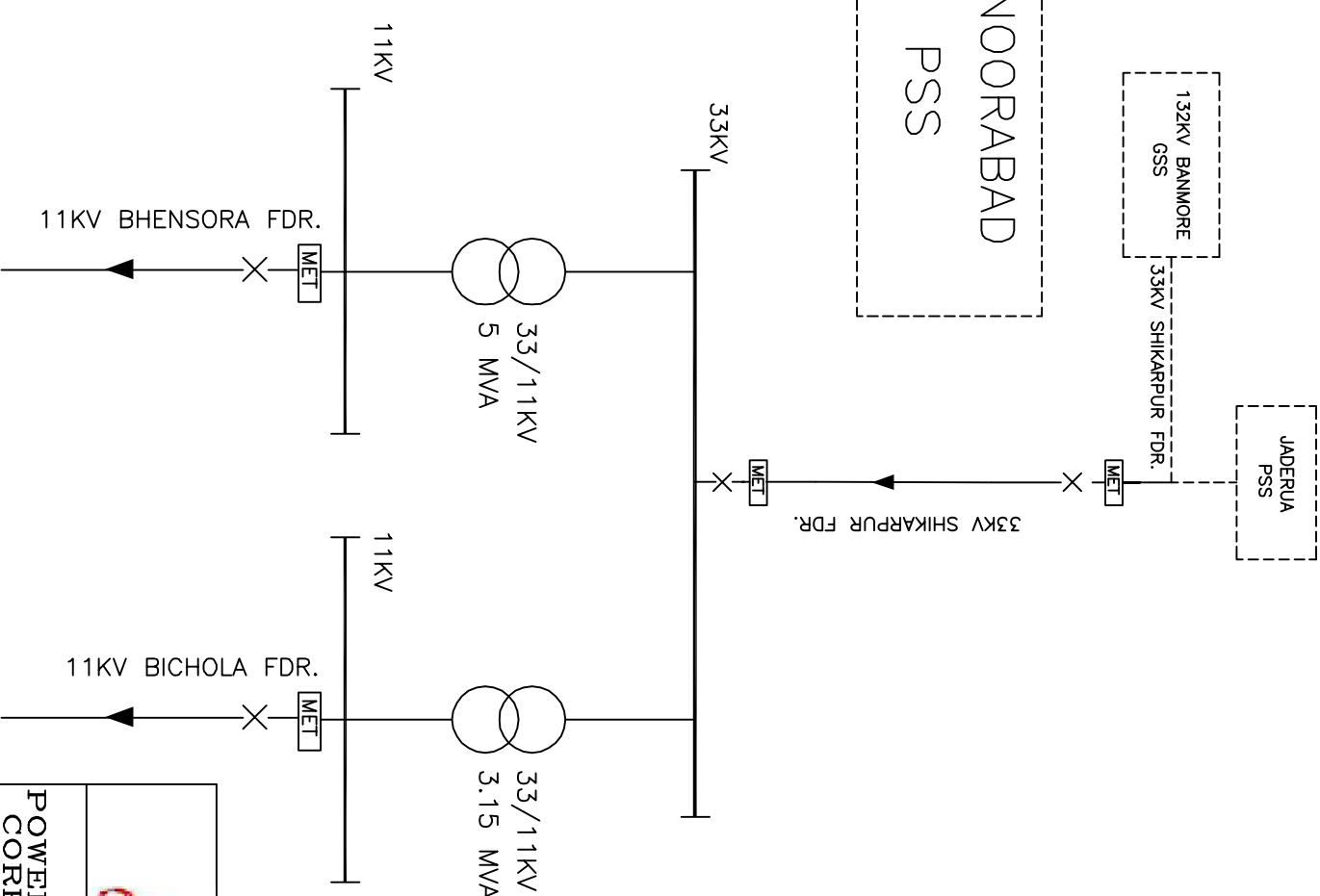
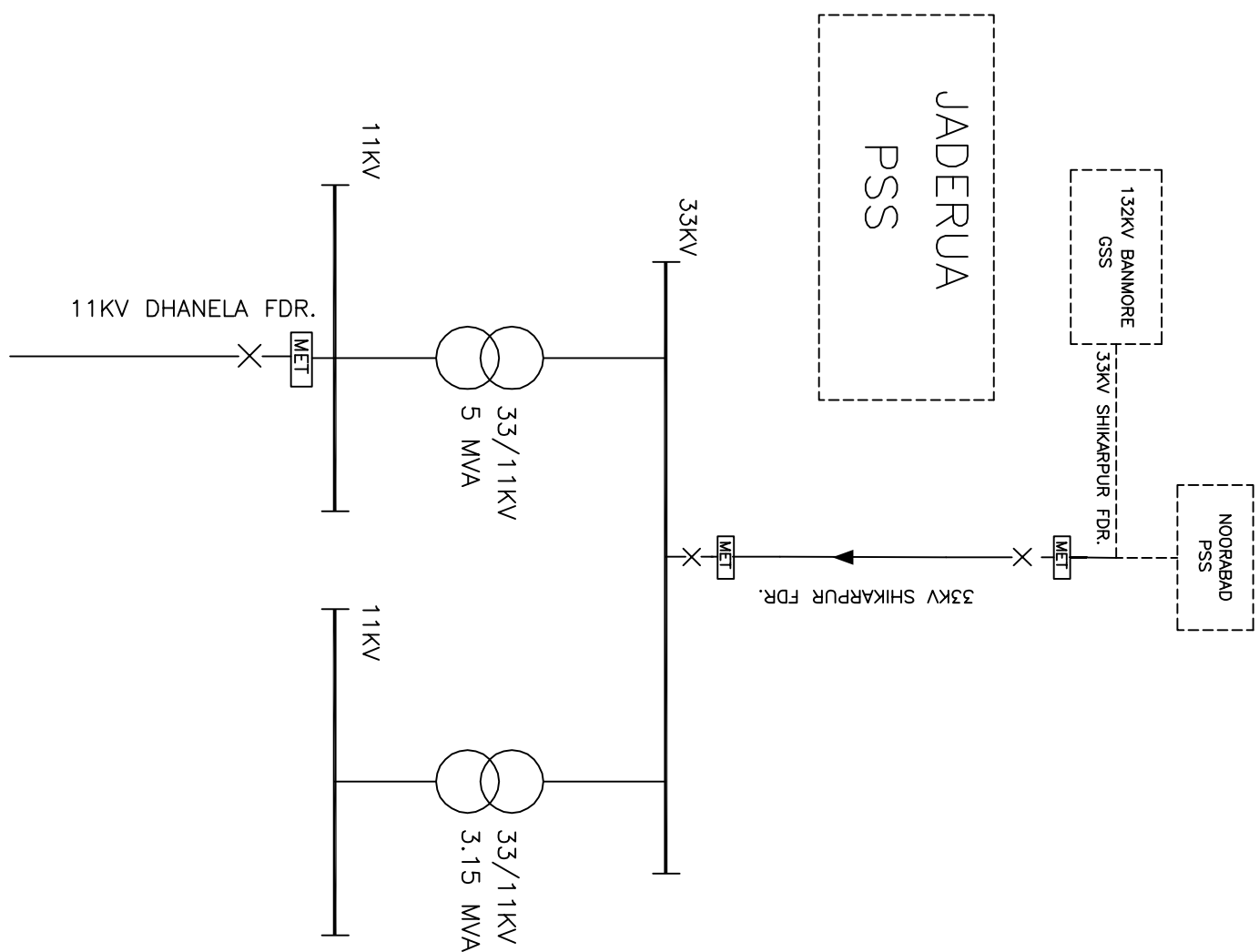
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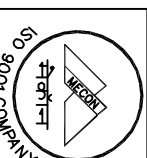
MORENA-11 DIVISION

MORENA-II (JADERUA PSS)

MORENA-II (NOORABAD PSS)



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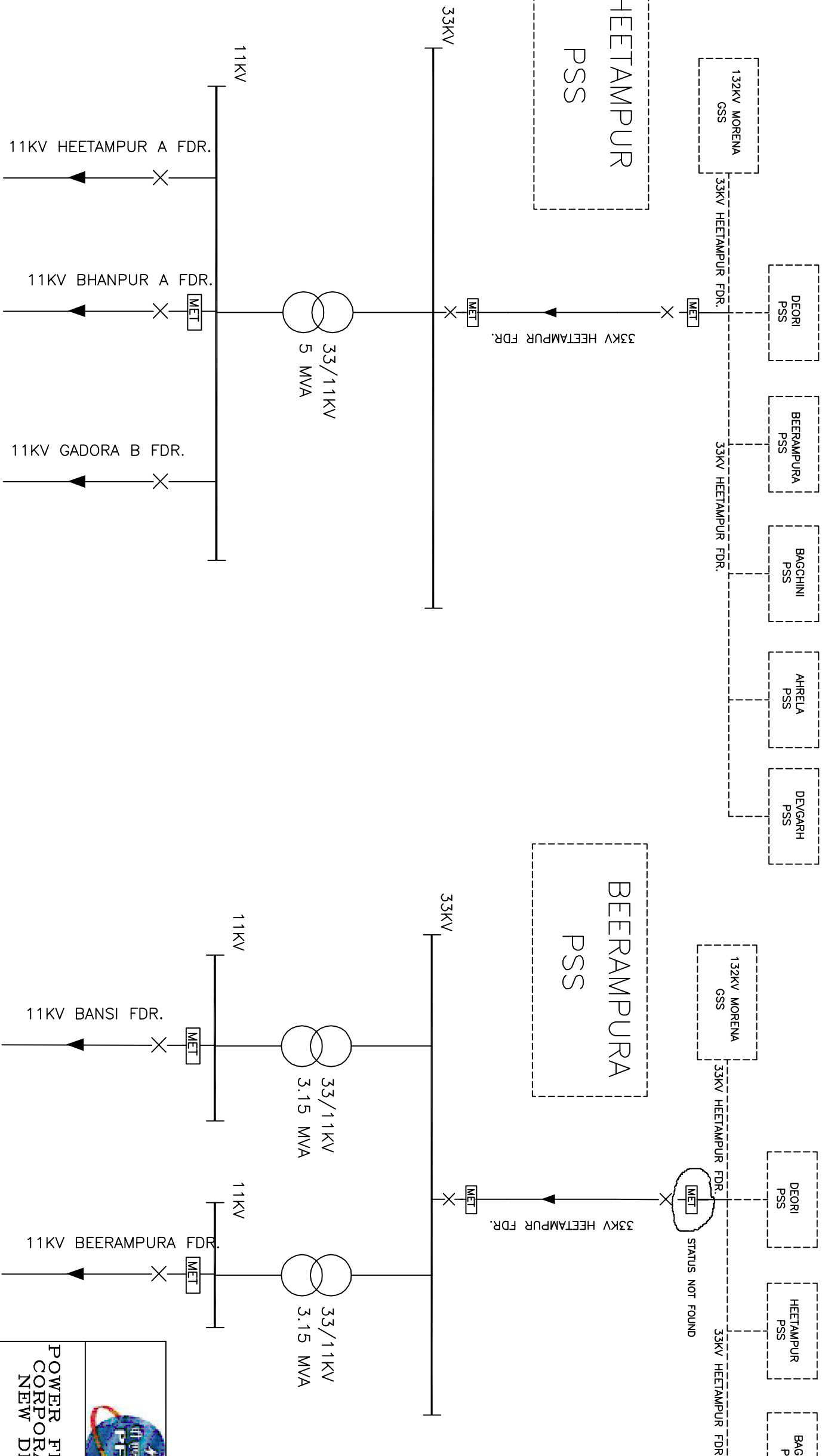
REGULATORY
COMMISSION.
NEW DELHI.

MECON LIMITED

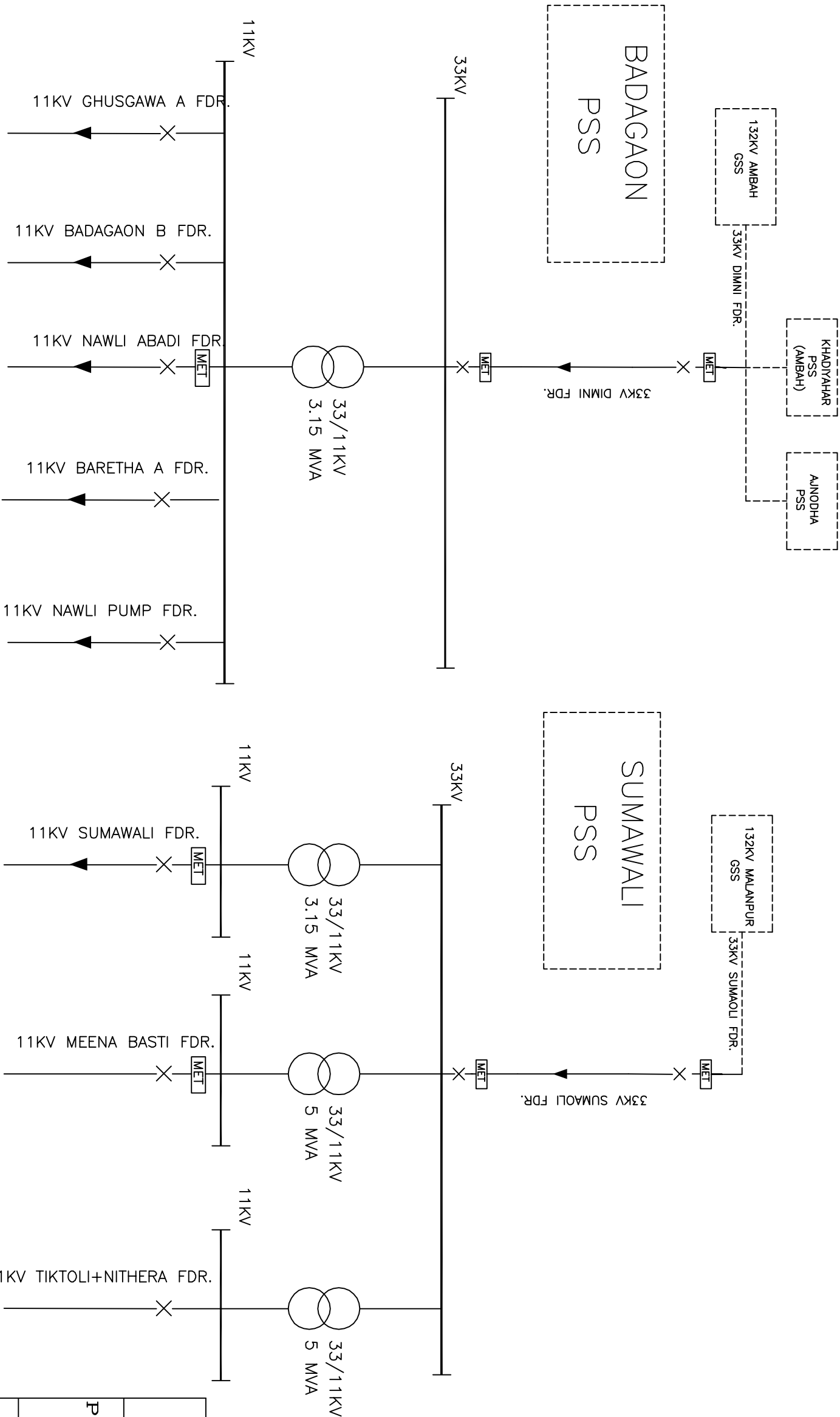
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MORENA-II (HEETAMPUR PSS)

MORENA-II (BEERAMPURA-2 PSS)

[illegible]

MORENA-II (BADAGAON PSS) MORENA-II (SUMAWALI PSS)



NOTE: - THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.									
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POWER FINANCE CORPORATION.
NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

SECTION
ELECTRICAL
POWER
RANCHI

DESIGNED
SHAHNAWZ AHMAD
N.R.MOHANTY
SHAHNAWZ AHMAD

CHECKED
AND
VERIFIED
SAMIR MONDAL

APPROVED
S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR MORENA-II DIVISION
UNDER MORENA CIRCLE.

SCALE - N.T.S.

DRG.NO.MEC/11/QT08/MRM/23/ID/003

SHEET
7 OF 9

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DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR AMBAH DIVISION UNDER
MORENA CIRCLE.**

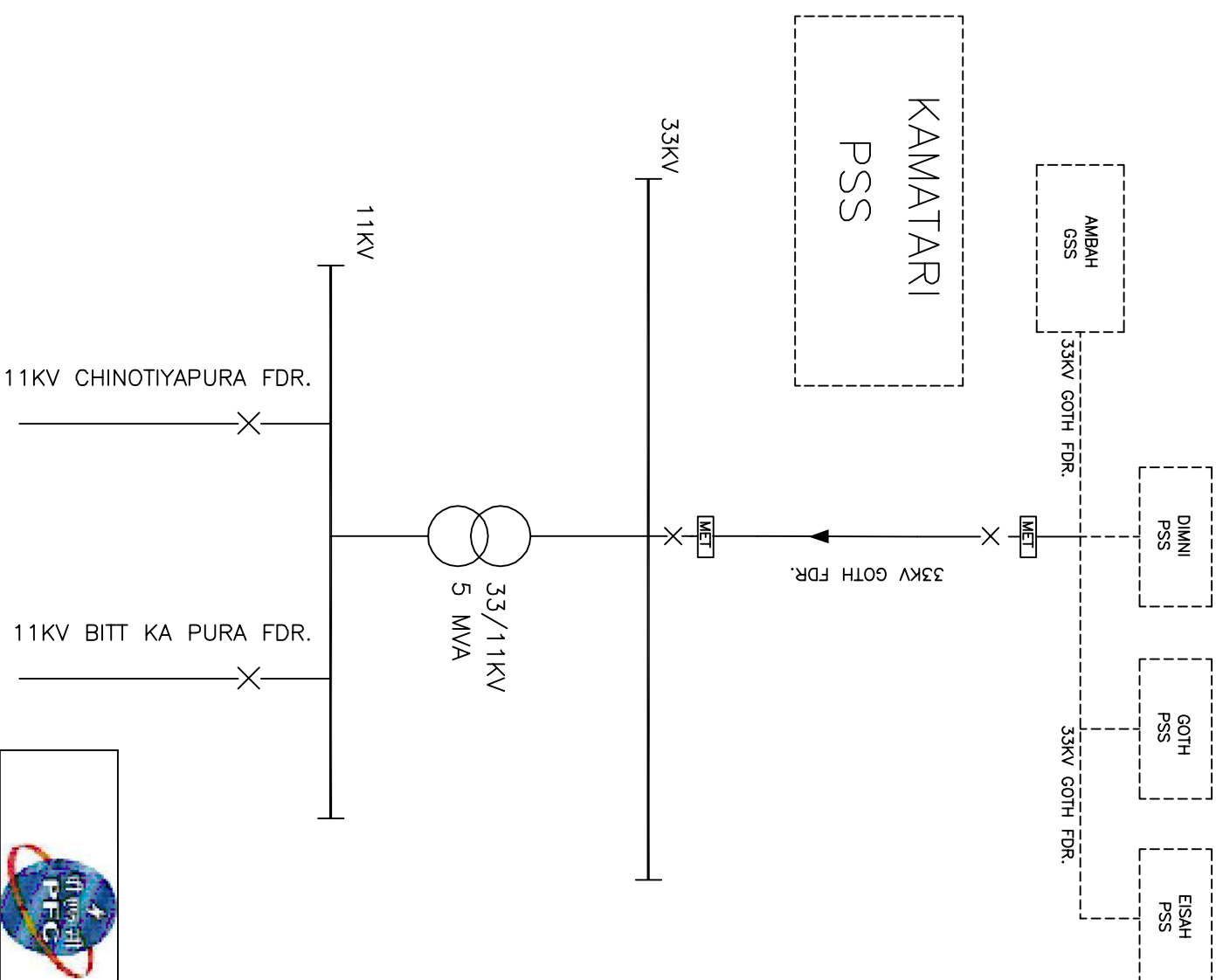
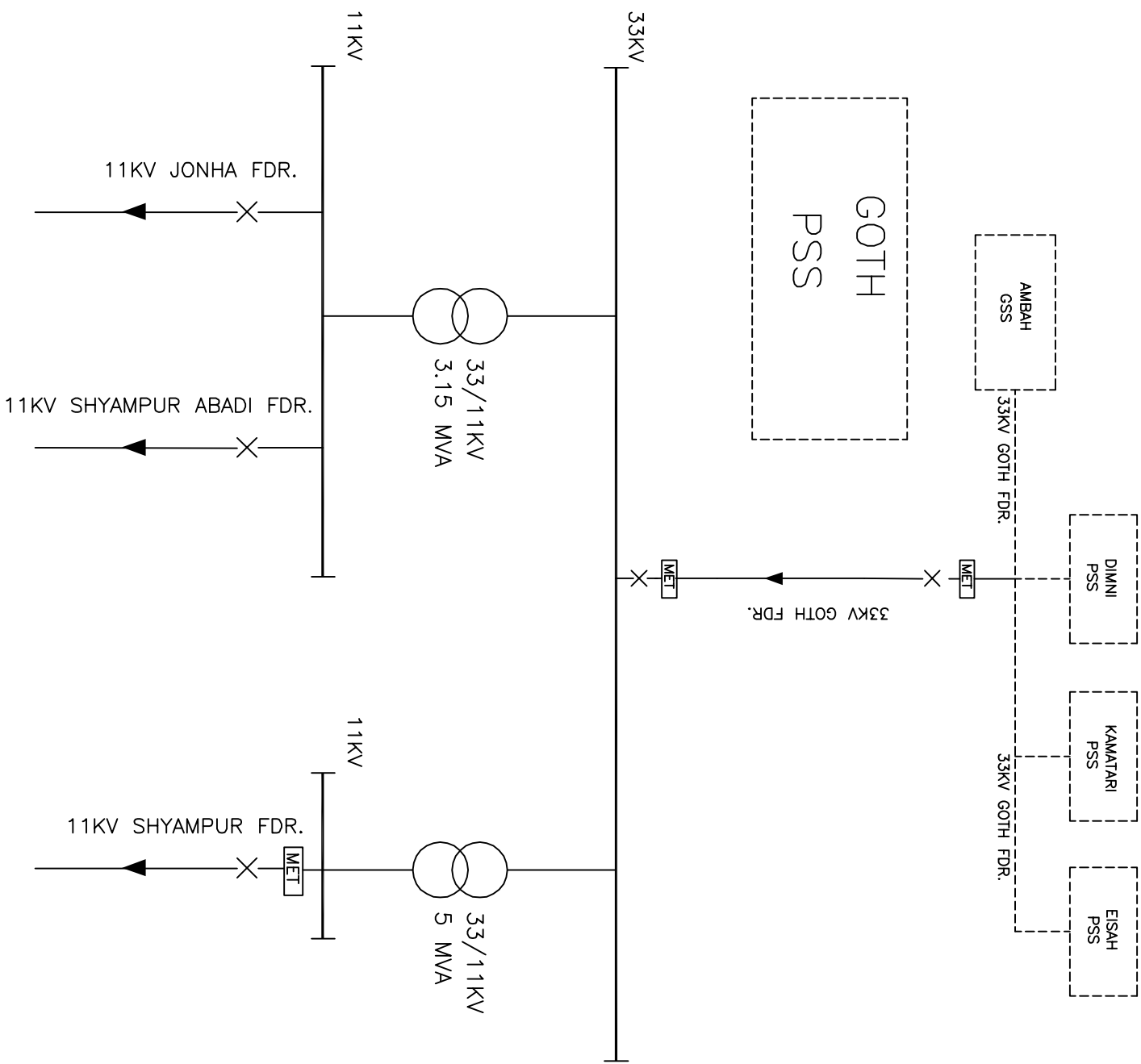
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No. of Sheets: 08

AMBAH (GOTH PSS)

AMBAH (KAMATARI PSS)

AMBAH DIVISION



POWER FINANCE CORPORATION, NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

REGULATORY
COMMISSION
NEW DELHI.

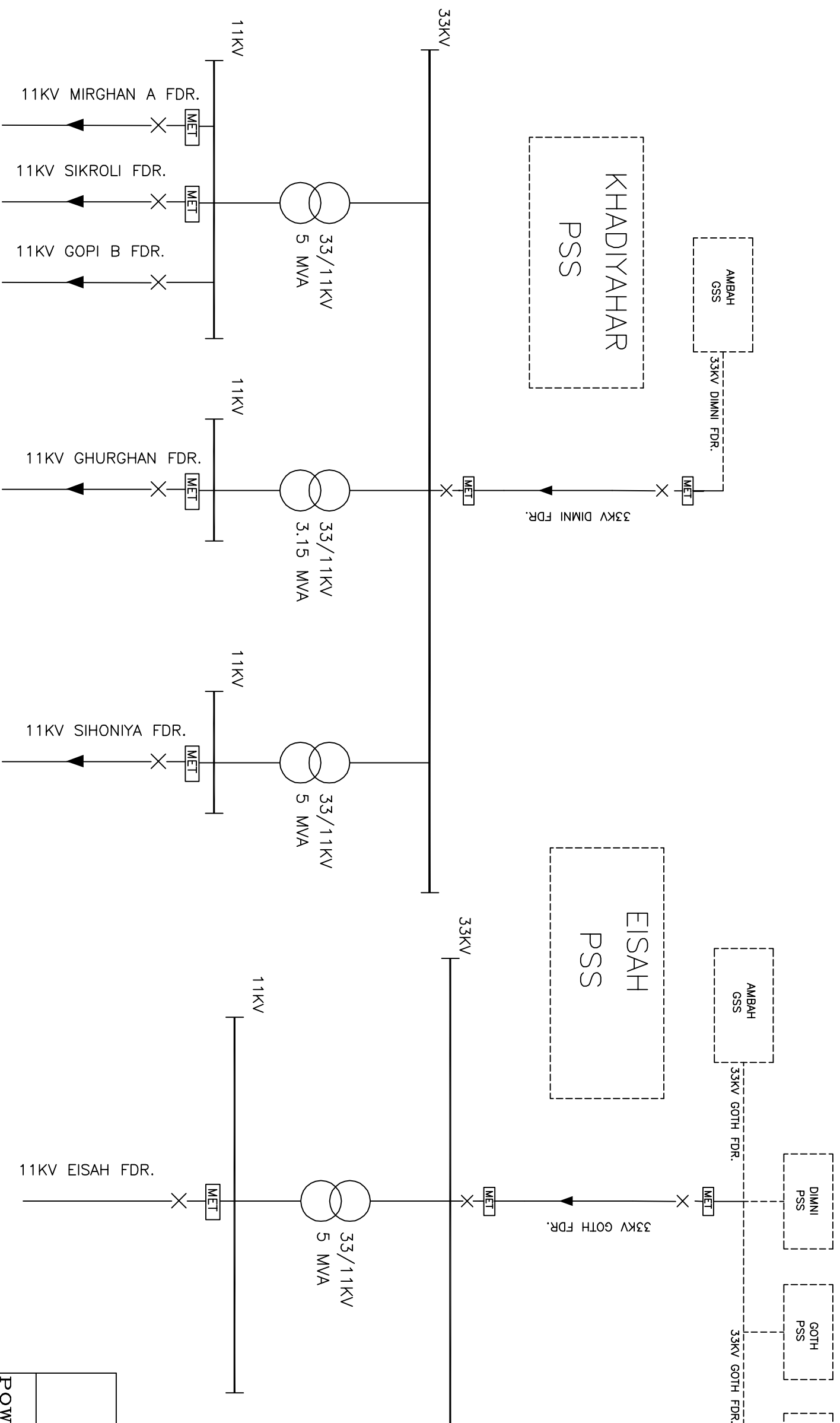
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AMBAH (KHADIYAHAR PSS)

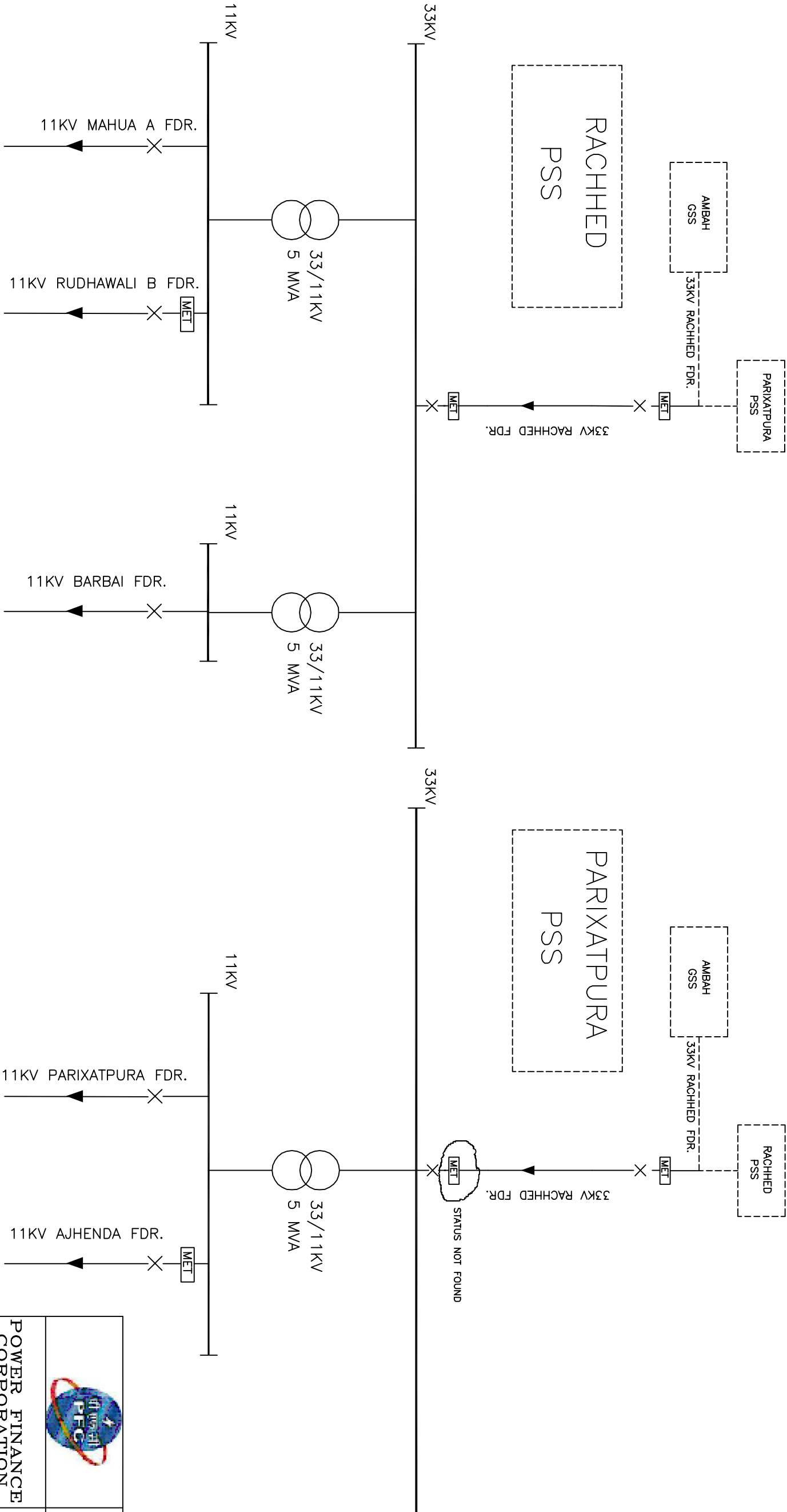
AMBAH (EISAH PSS)

AMBAH DIVISION

[illegible]

AMBAH (RACHHED PSS)

AMBAH (PARIXATPURA PSS)



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NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

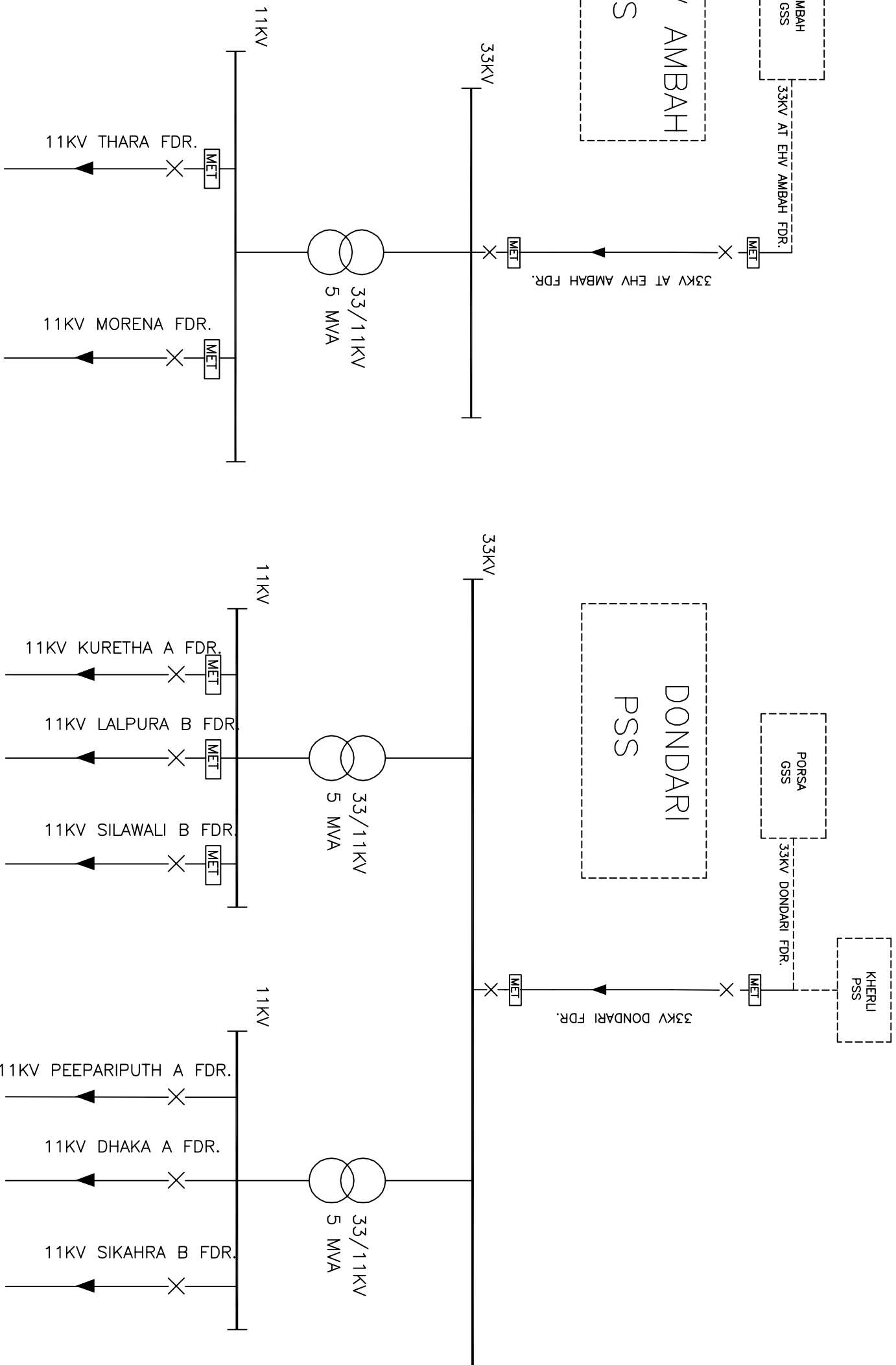
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NOTE: -			THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.		
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AMBAH (AT EHV AMBAH PSS) AMBAH (DONDARI PSS)

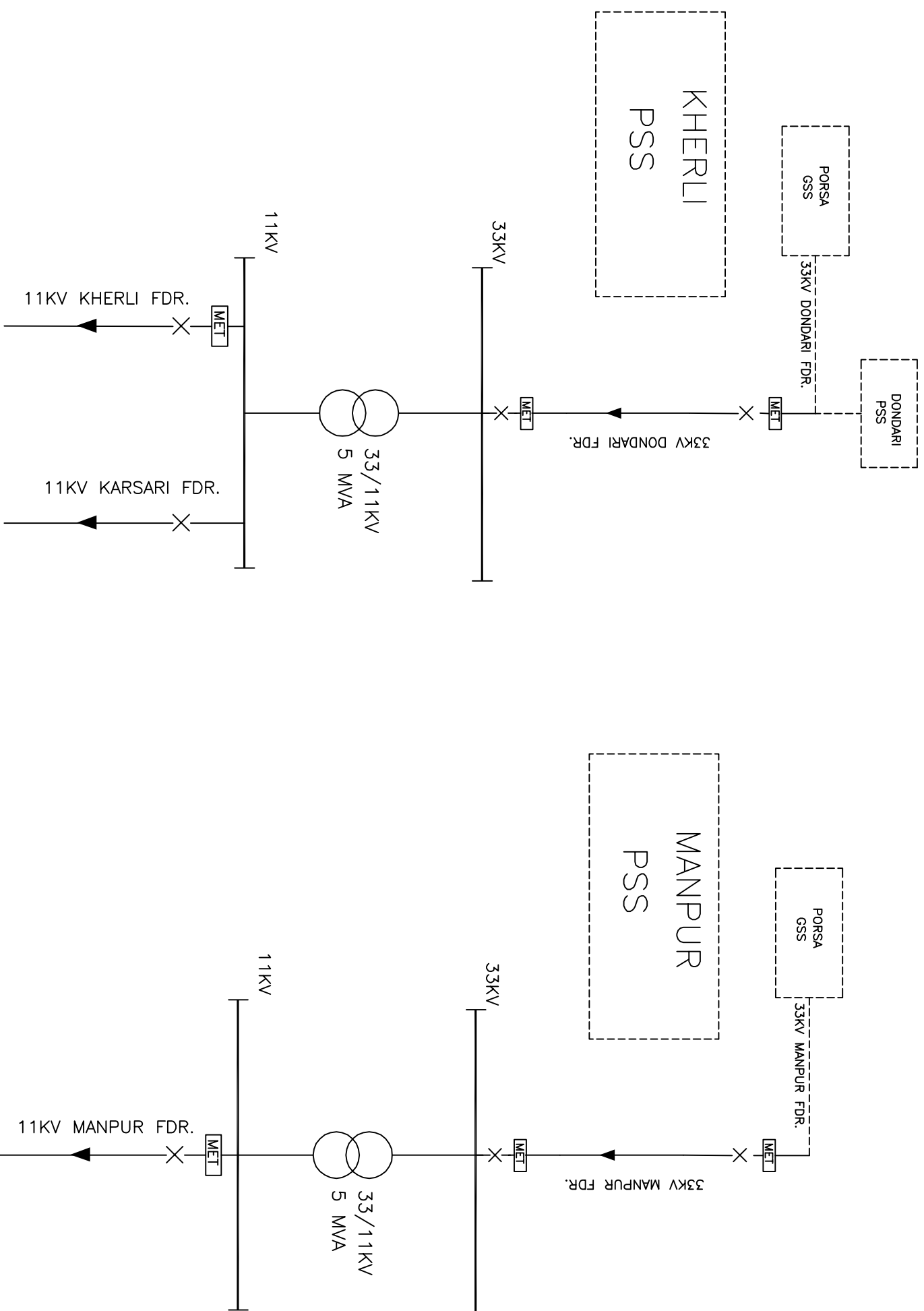
AMBAH DIVISION

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AMBAH (KHERLI PSS)

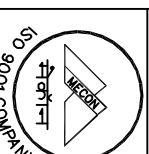
AMBAH (MANPUR PSS)

AMBAH DIVISION



POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

REGULATORY
COMMISSION
NEW DELHI.



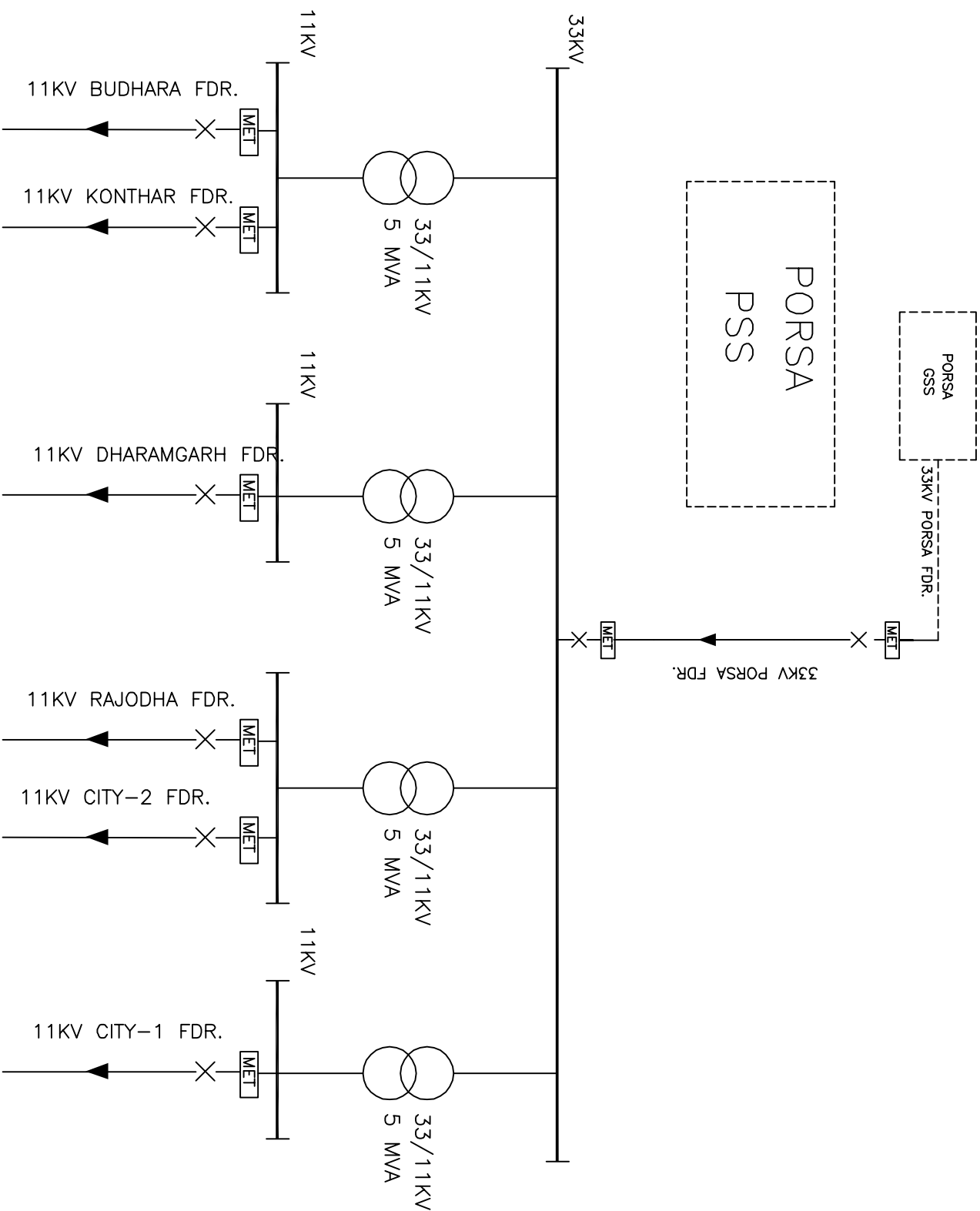
MECON LIMITED

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AMBAH (PORSAPSS)

AMBAH DIVISION

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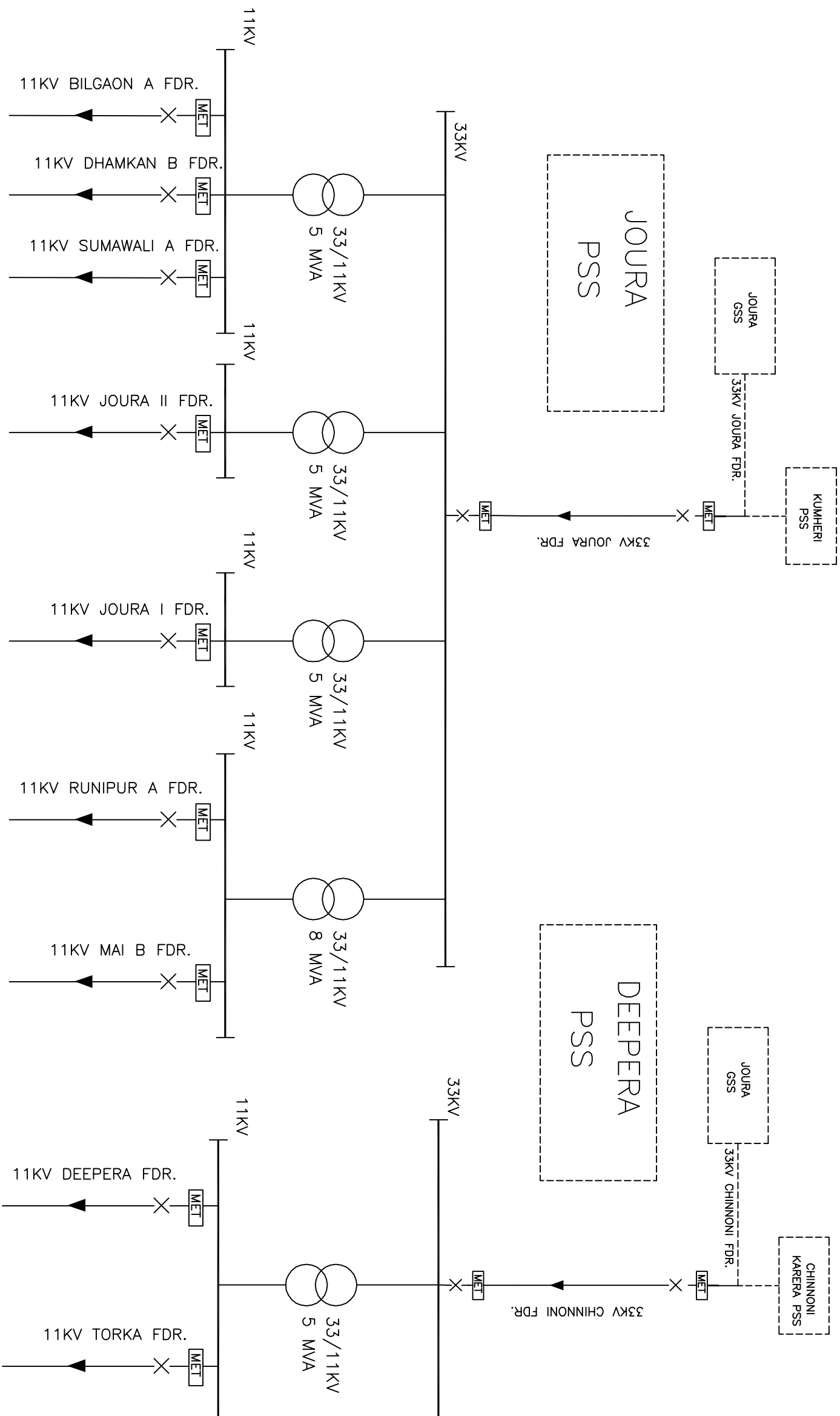
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**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR SABALGARH DIVISION
UNDER MORENA CIRCLE.**

Drawing No. : MEC/11/O709/MRN/E1/ID/005

No. of Sheets: 08

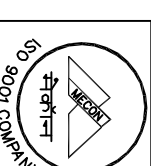
SABLAGARH (JOURA PSS)

SABALGARH DIVISION
SABLAGARH (DEEPEERA PSS)



POWER FINANCE CORPORATION.
NEW DELHI.

NEW DELHI.



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MECON LIMITED	

SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
LOCATION	RANCHI	

DESIGNED	SHAHANWAZ AHMAD
DRAWN	N.R.MOJANTY SHAHANWAZ AHMAD
CHECKED AND VERIFIED	SAMIR MONDAL

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR SABALGARH DIVISION
UNDER MORENA CIRCLE.

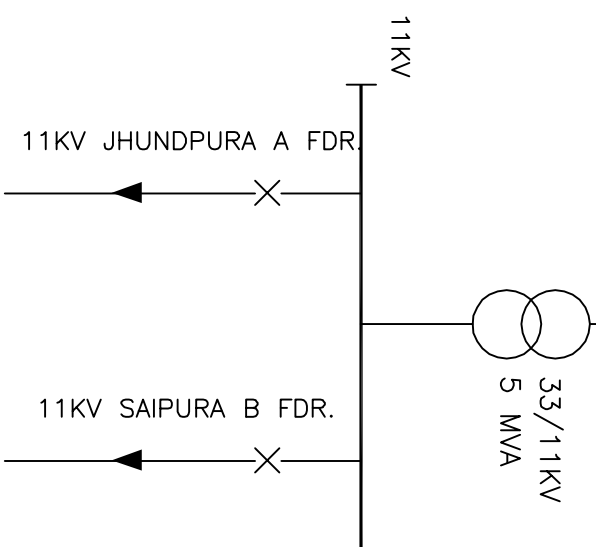
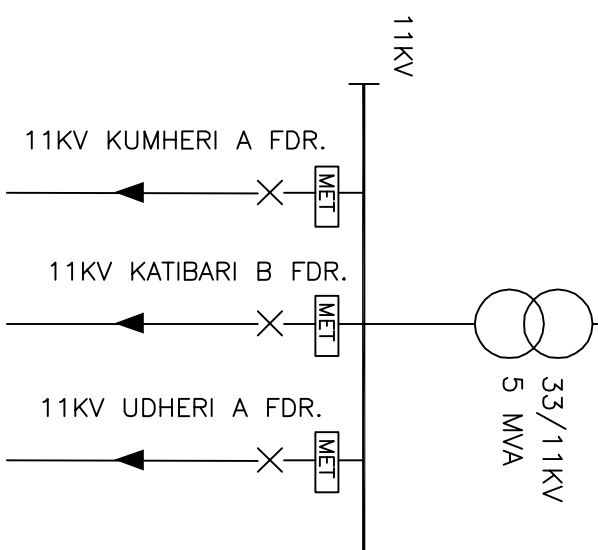
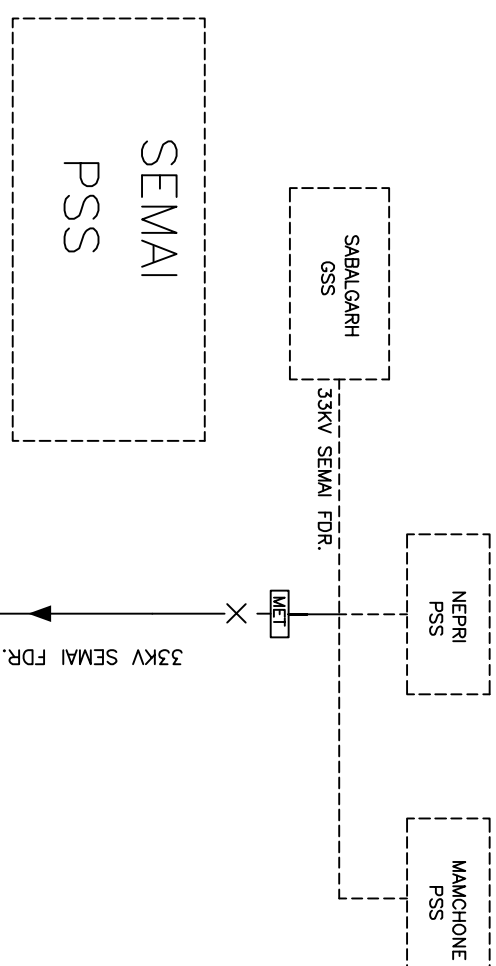
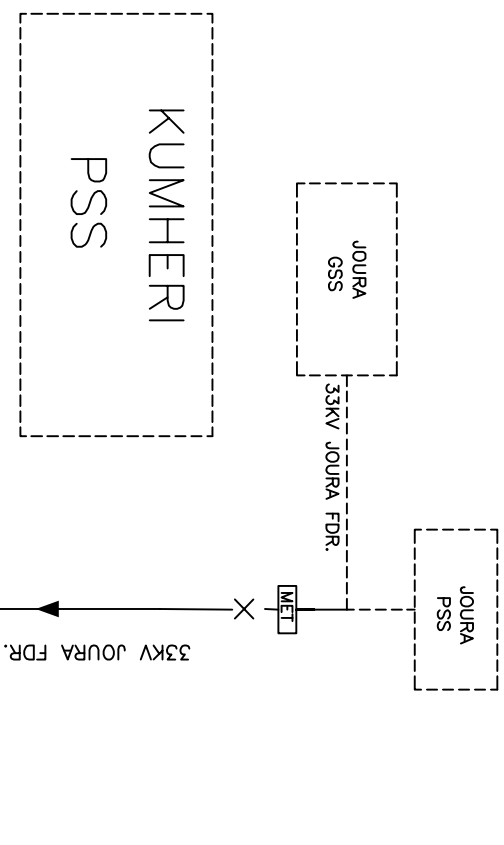
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		SHEET	REV.

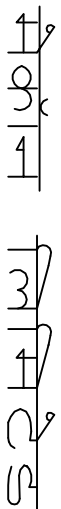
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SABLAGARH (KUMHERI PSS)

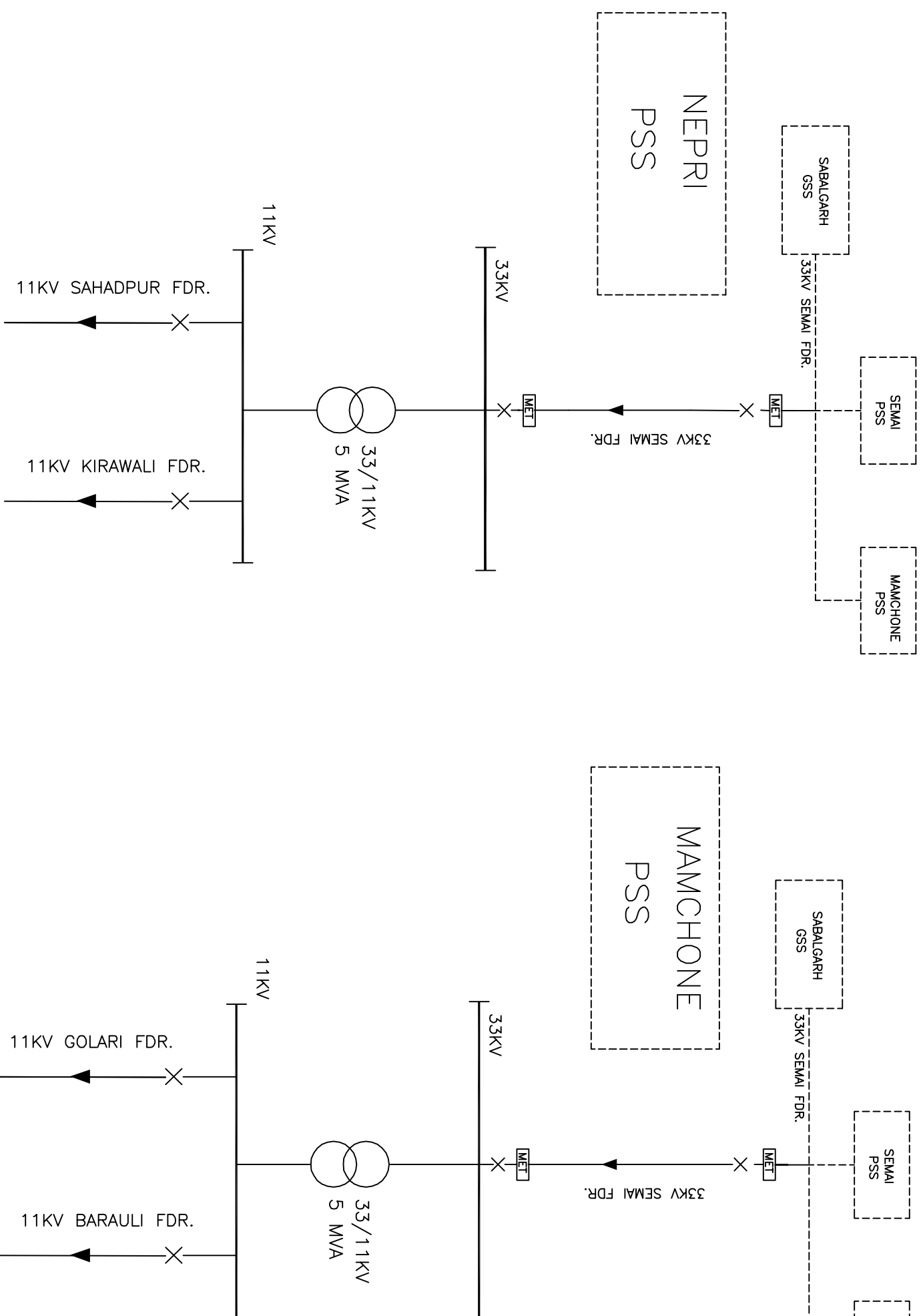
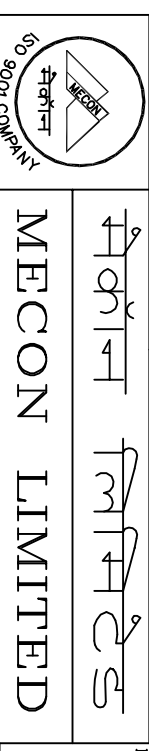
SABLAGARH (SEMAI PSS)

SABALGARH DIVISION[illegible]

			
POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
			
MECON LIMITED		MECON LIMITED	
SECTION LOCATION DESIGNED DRAWN CHECKED AND VERIFIED	ELECTRICAL POWER RANCHI N.R.MOHAJANTY SHANAWAZ AHMAD N.R.MOHAJANTY SHANAWAZ AHMAD SAMIR MONDAL	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
APPROVED		SCALE - N.T.S. DRG.NO. MRC/11/QT/09/MRN/24/ID/005	
S.K. CHATTERJEE		SHEET 03 OF 08 REV. 0	

SABLAGARH (NEPRI PSS)

SABLAGARH (MAMCHONE PSS)

SABALGARH DIVISION[illegible]

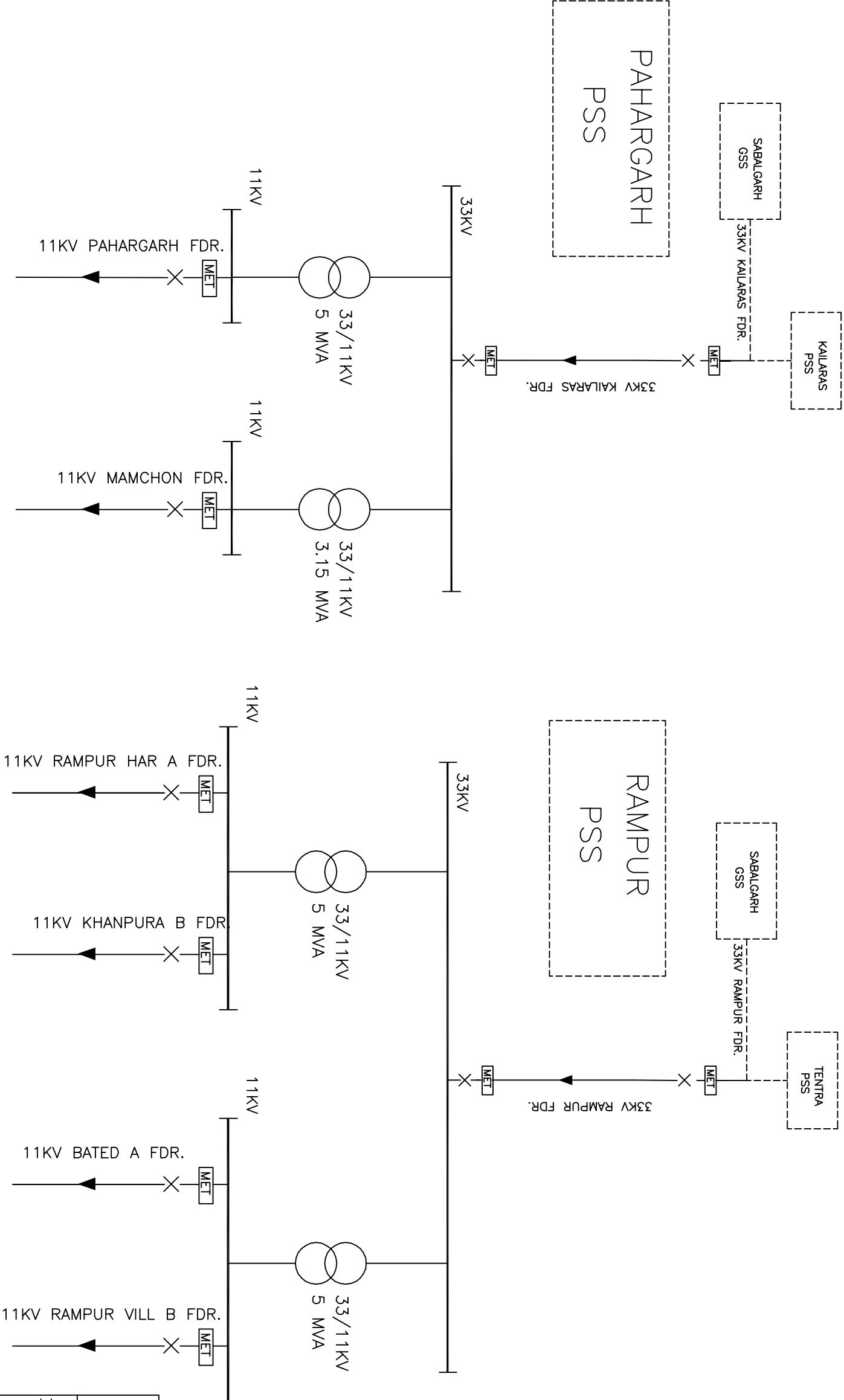
POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY- REGULATORY COMMISSION. NEW DELHI.



SABLAGARH (PAHARGARH PSS)

SABLAGARH (RAMPUR PSS)

SABALGARH DIVISION



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SEC.				REVISIONS					
CONCURRED BY				7	8	9	10		

THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.



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POWER FINANCE CORPORATION.
NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SAMIR MONDAL

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR SABALGARH DIVISION UNDER MORENA CIRCLE.

SCALE - N.T.S.

DRG.NO.MEC/11/4708/MRN/21/ID/005

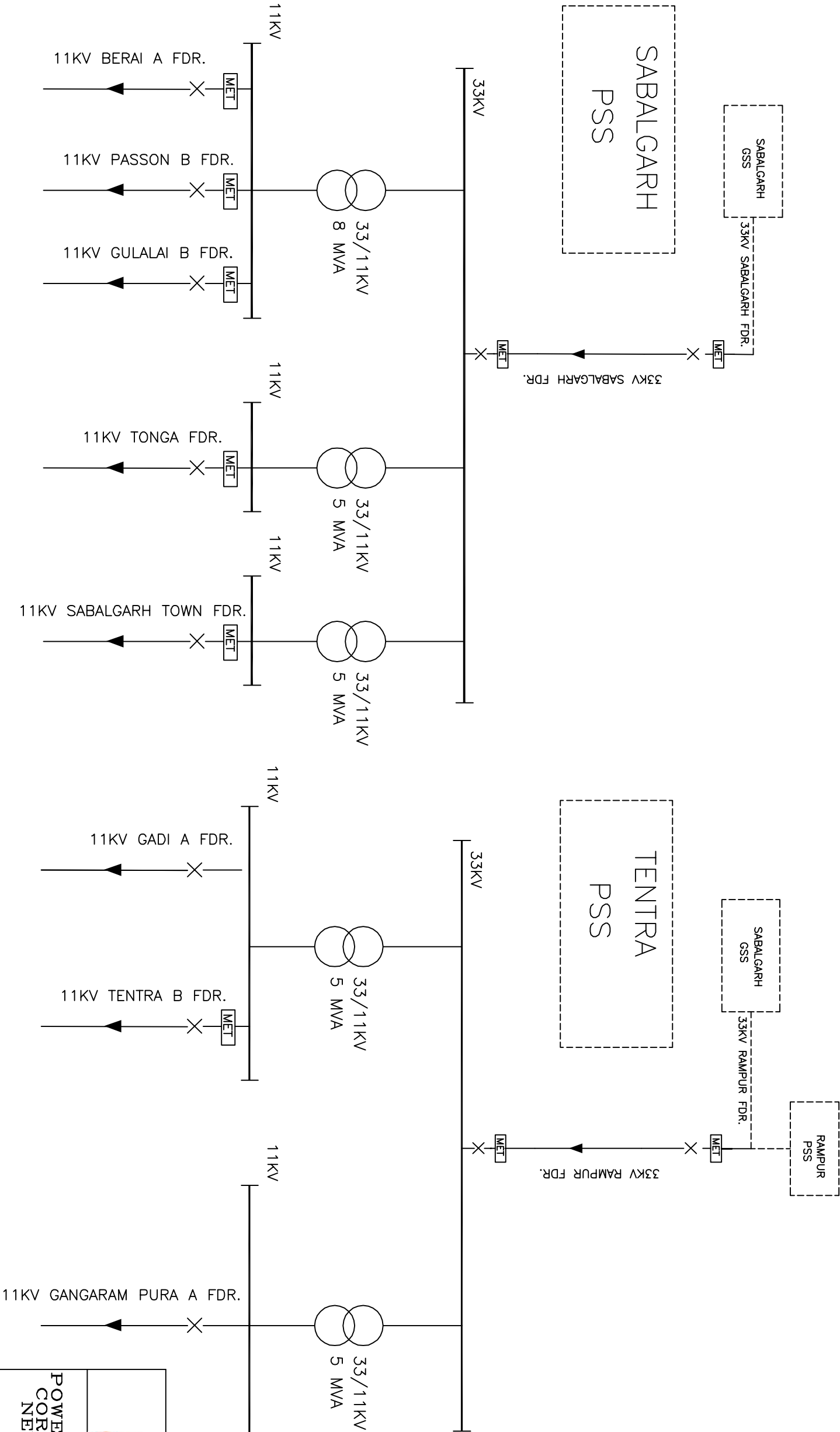
SHEET 06 OF 08

REV. 0

SABLAGARH (SABALGARH PSS)

SABLAGARH (TENTRA PSS)

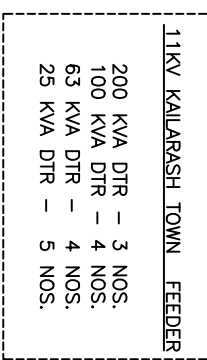
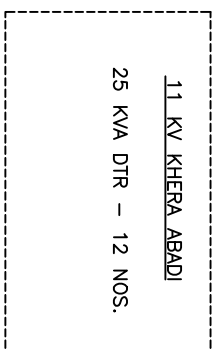
SABALGARH DIVISION



MECON		शेर्गेण्ट लिमिटेड	
MECON LIMITED			

SECTION		ELECTRICAL POWER		ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION		RANCHI			
DESIGNED		N.R.MOHANTY		33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR SABALGARH DIVISION UNDER MORENA CIRCLE.	
DRAWN		SHAHNAWZ AHMAD			
CHECKED AND VERIFIED		SAMIR MONDAL			
APPROVED		S.K. CHATTERJEE		SCALE - N.T.S.	
				DRG.NO.MEC/11/QT08/MRN/21/ID/005	
				SHEET 07 OF 08	
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NOTE: - THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.



SABALGARH DIVISION
KAILARASH PSS

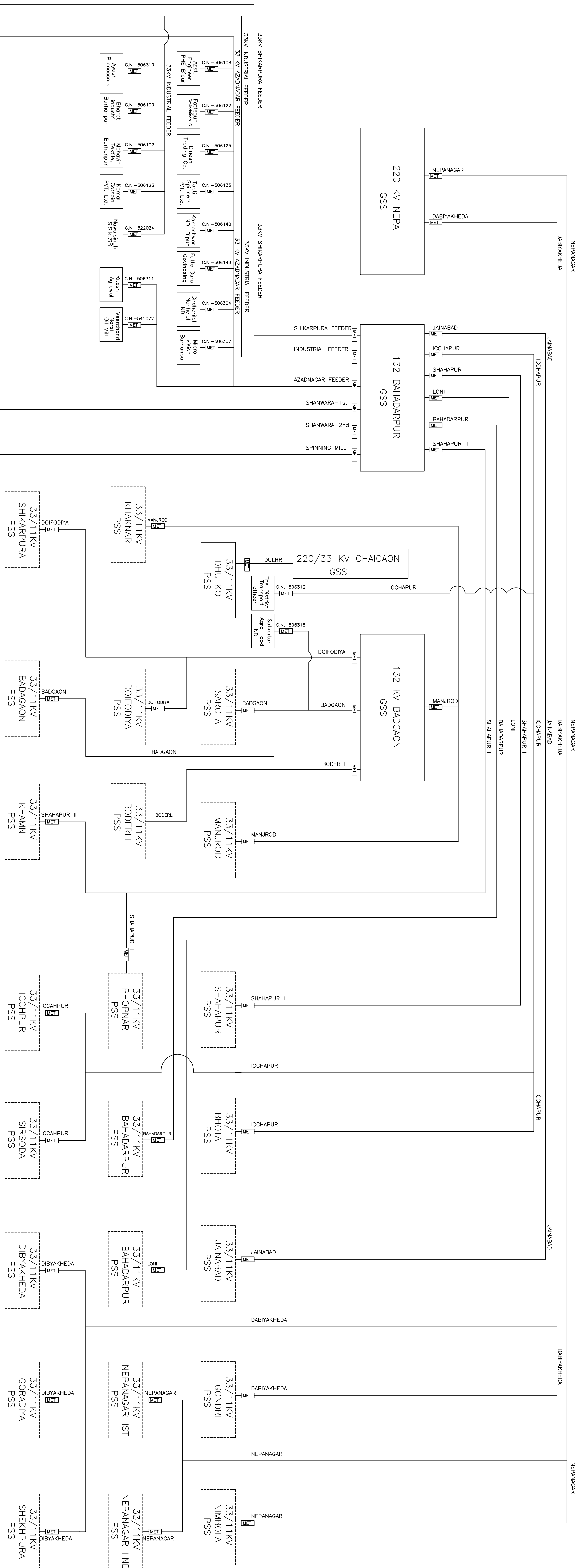
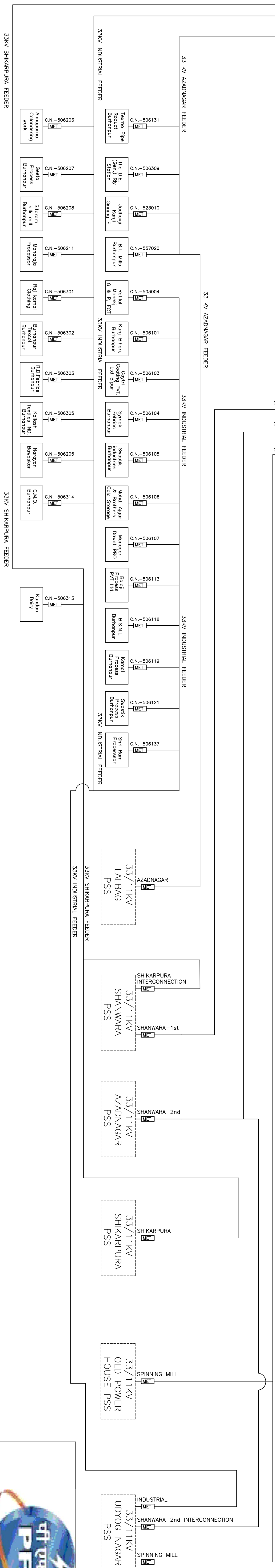
	
POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
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**DRAWINGS AND DIAGRAMS
OF
BURHANPUR CIRCLE**

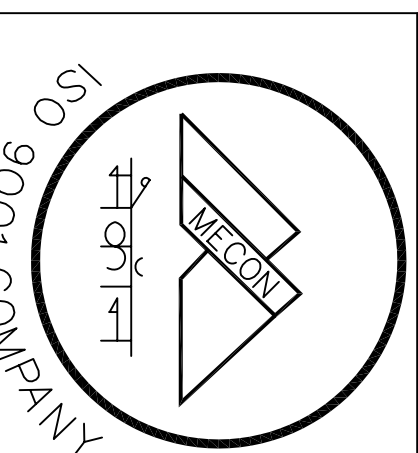
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33KV INTERCONNECTION DIAGRAM AND
33KV CONSUMER OF BURHANPUR CIRCLE.

Drawing No. : MEC/11/O709/BRP/E1/ID/001

No. of Sheets: 01

BURHANPUR
DIVISION

BURHANPUR CITY
DIVISION

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POWER FINANCE CORPORATION, NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

REGULATORY
COMMISSION.
NEW DELHI.

ASSESSMENT OF COMPONENT WISE AT&C LOS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM AND 33KV HT CONSUMER OF BURHANPUR CIRCLE.

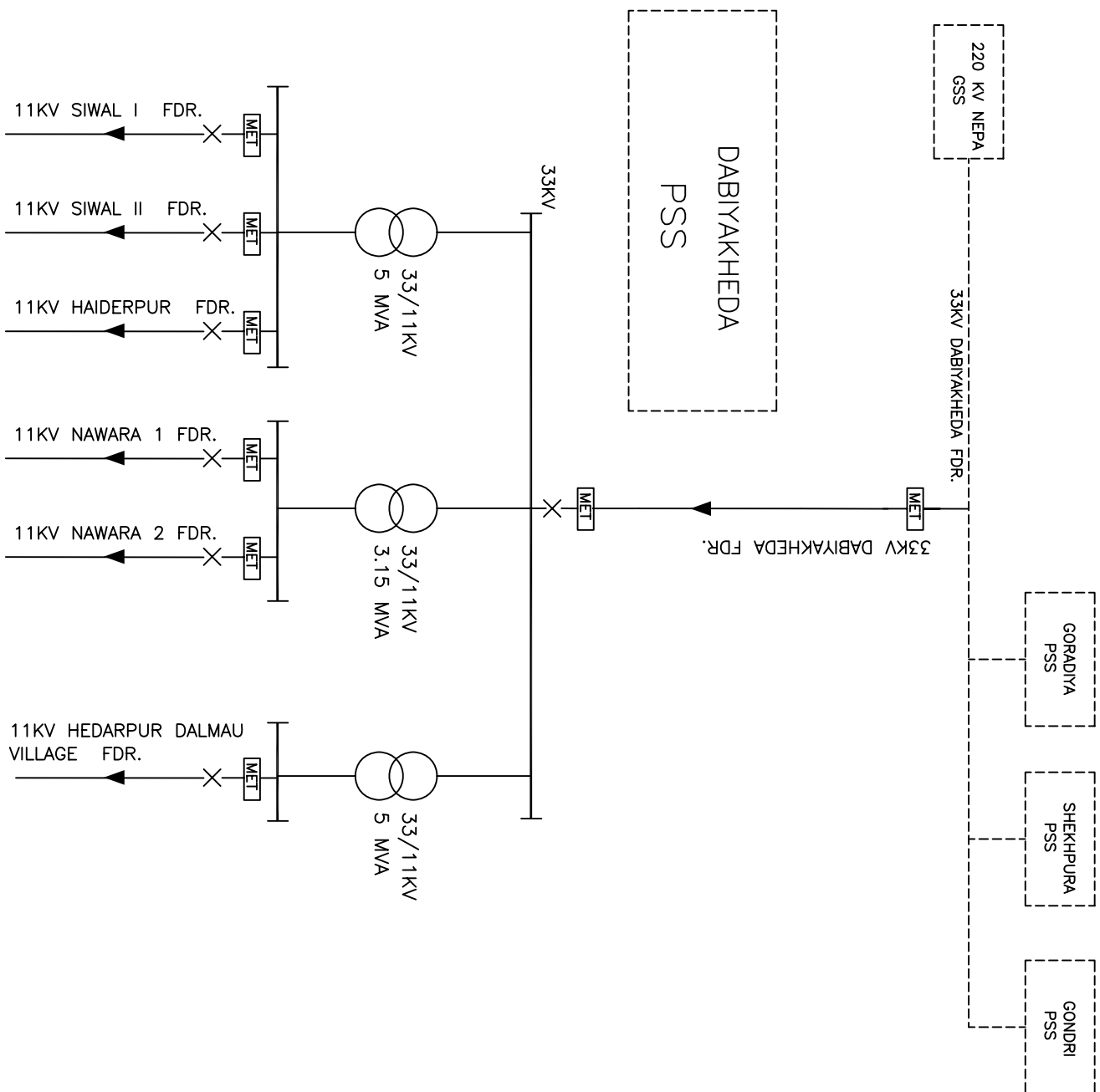
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DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR BURHANPUR O& M
DIVISION UNDER BURHNPUR CIRCLE.**

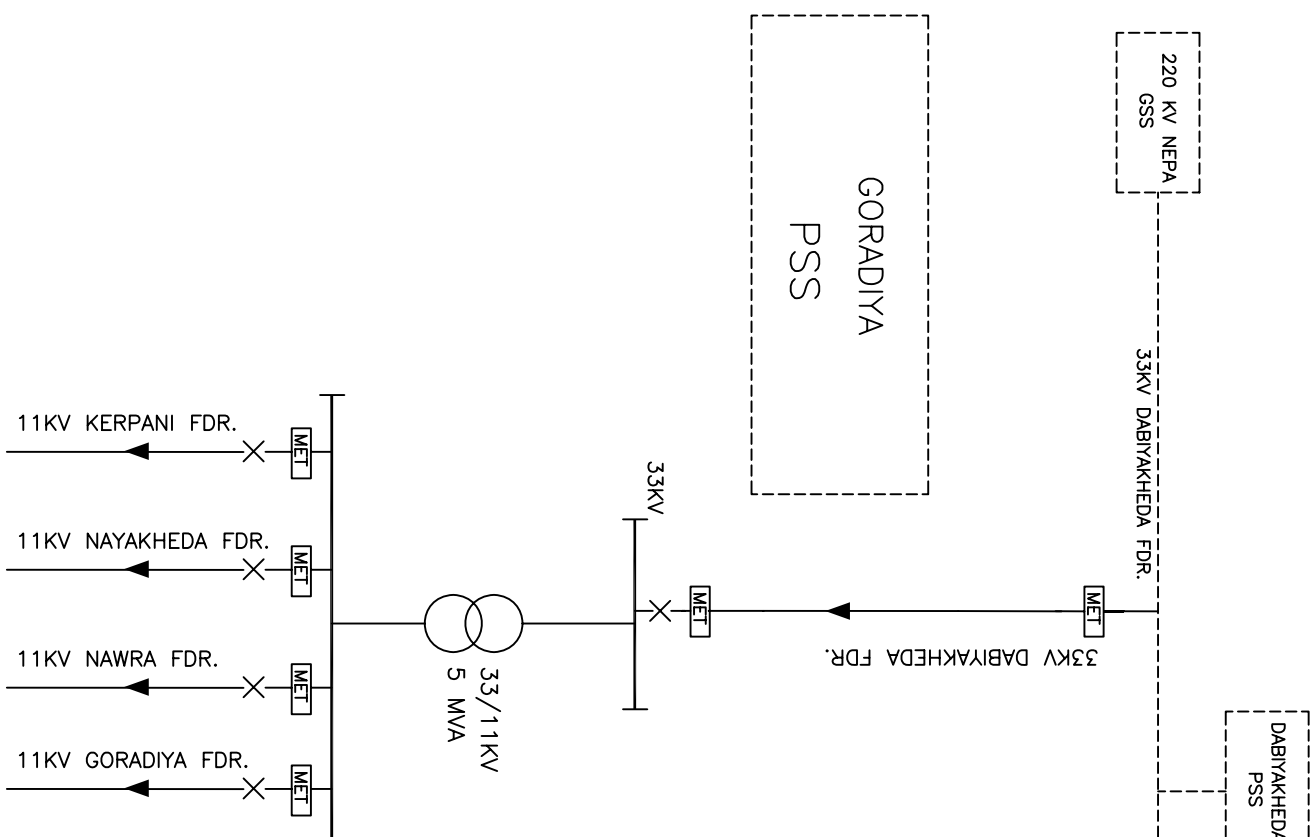
Drawing No. : MEC/11/O709/BRP/E1/ID/002

No. of Sheets: 27

DABIYAKHEDA PSS



GORADIA PSS



BURHANPUR O&M DIVISION

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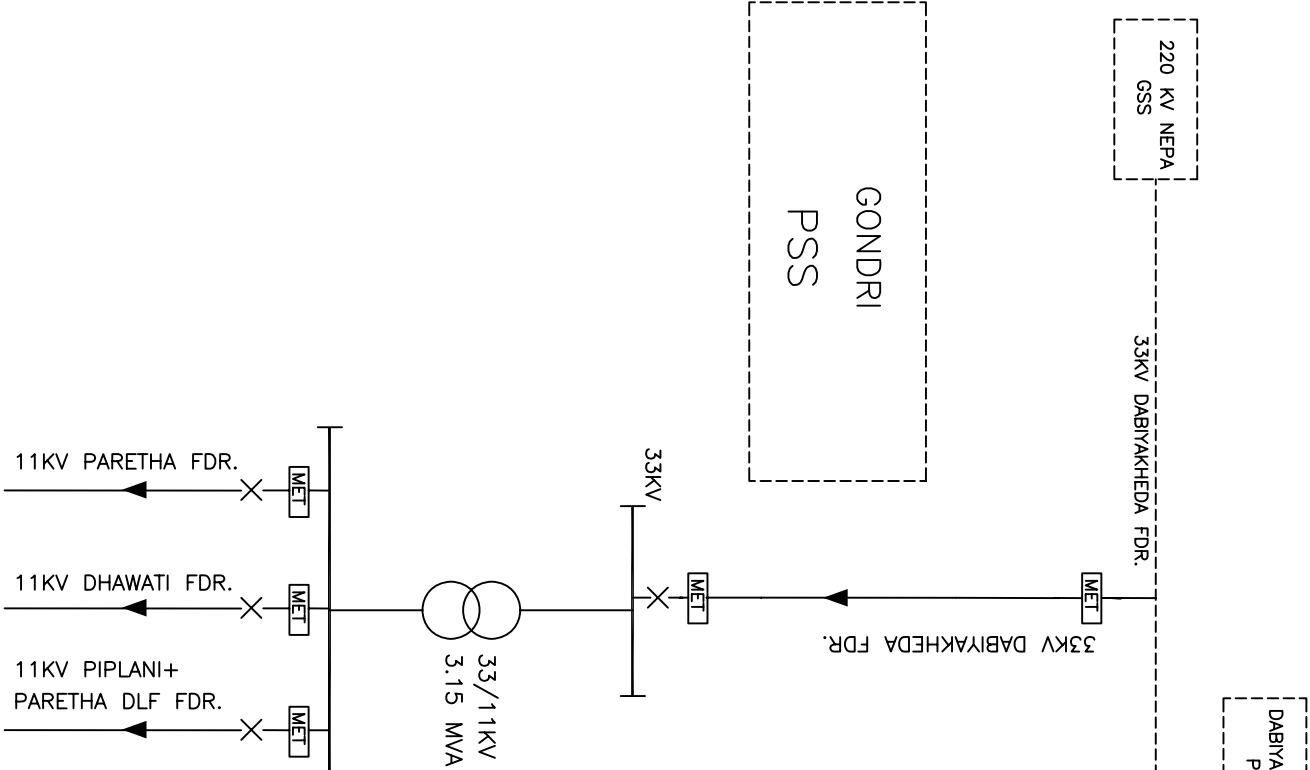
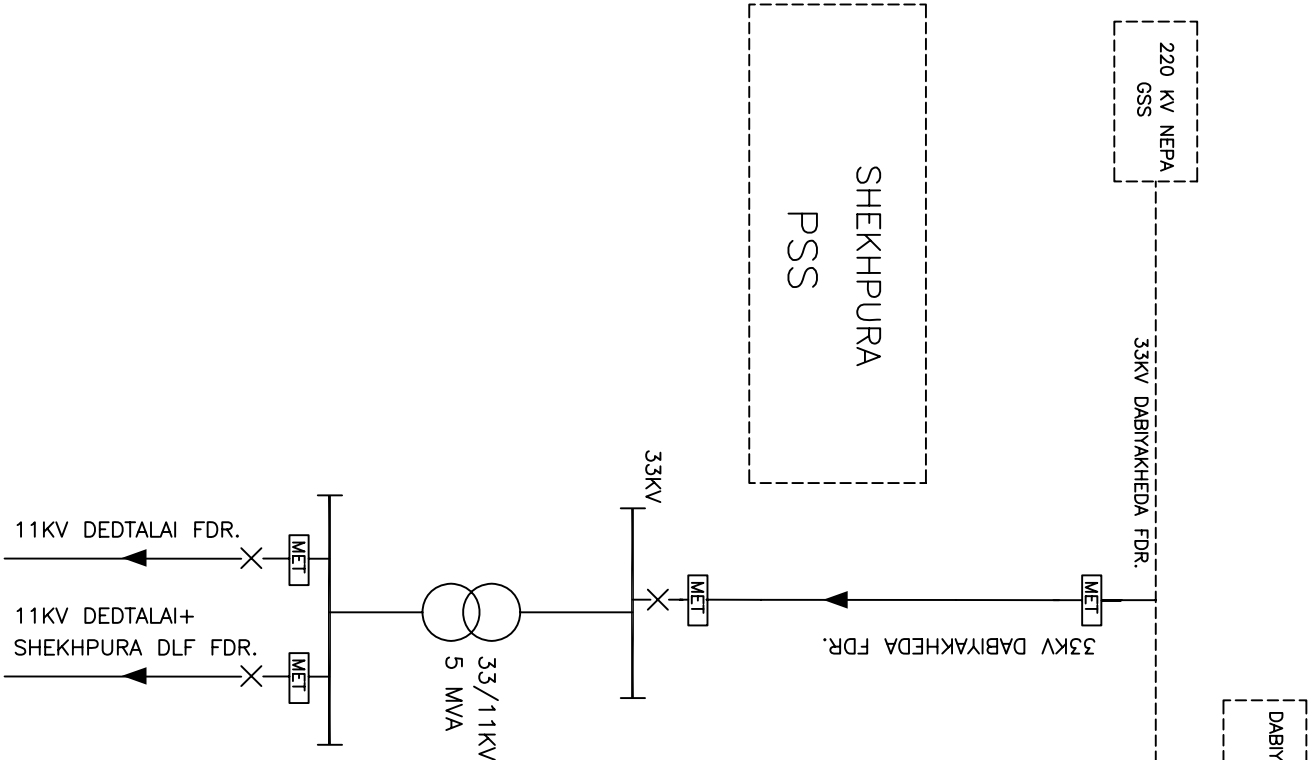
POWER FINANCE CORPORATION.
NEW DELHI.

CENTRAL ELECTRICITY
REGULATORY
COMMISSION.



SHEKHPURA PSS

GONDRI PSS



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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

SECTION

LOCATION

DESIGNED

DRAWN

CHECKED AND VERIFIED

APPROVED

ELECTRICAL POWER

RANCHI

N.R.MOHANTY

SHAHANWAZ AHMAD

N.R.MOHANTY

SHAHANWAZ AHMAD

SAMIR MONDAL

S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.

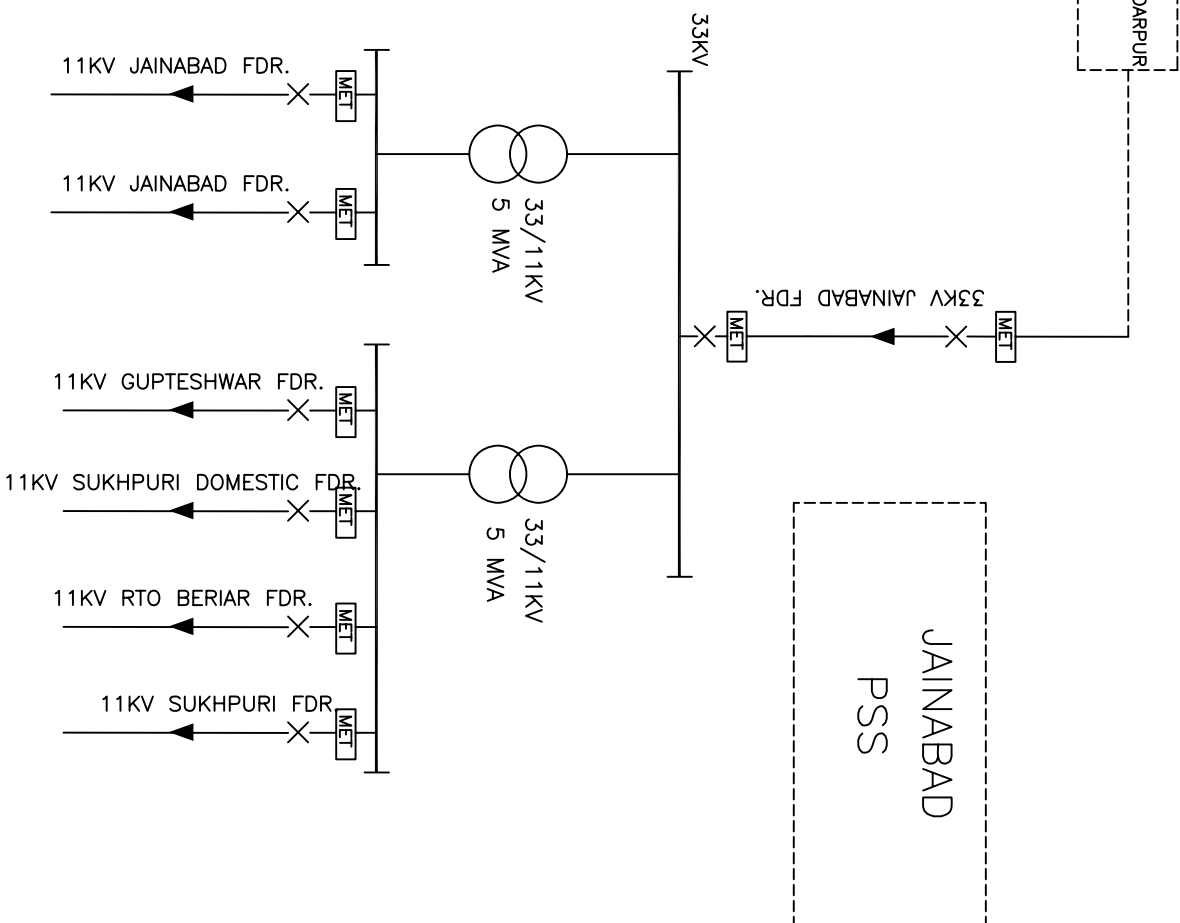
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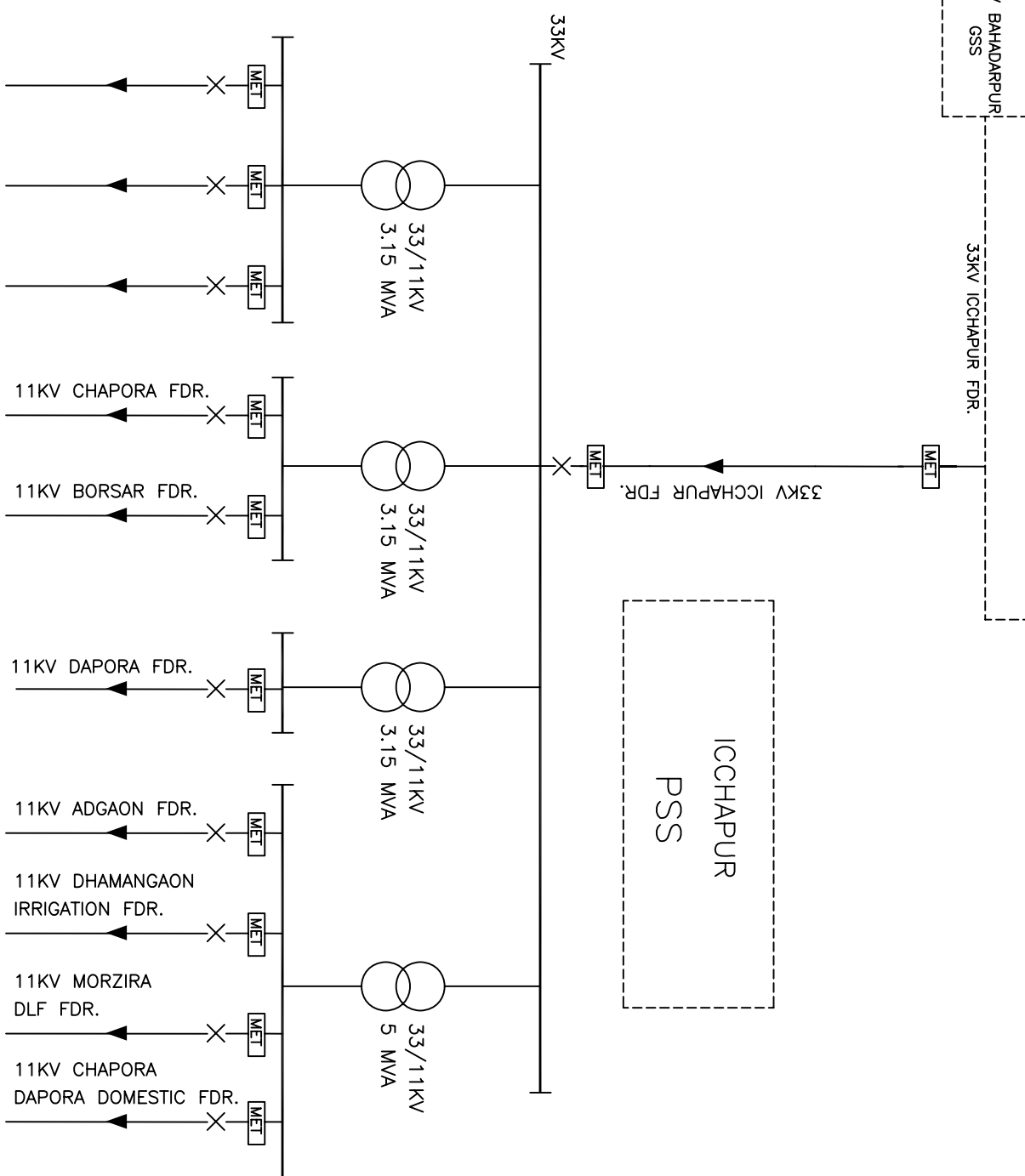
SHEET 3 OF 27

REV. 0

(JAINABAD PSS)



ICHHAPUR PSS



BURHANPUR O&M DIVISION



POWER FINANCE CORPORATION, NEW DELHI.	CENTRAL ELECTRICITY-REGULATORY COMMISSION.

REGULATORY
COMMISSION.
NEW DELHI.

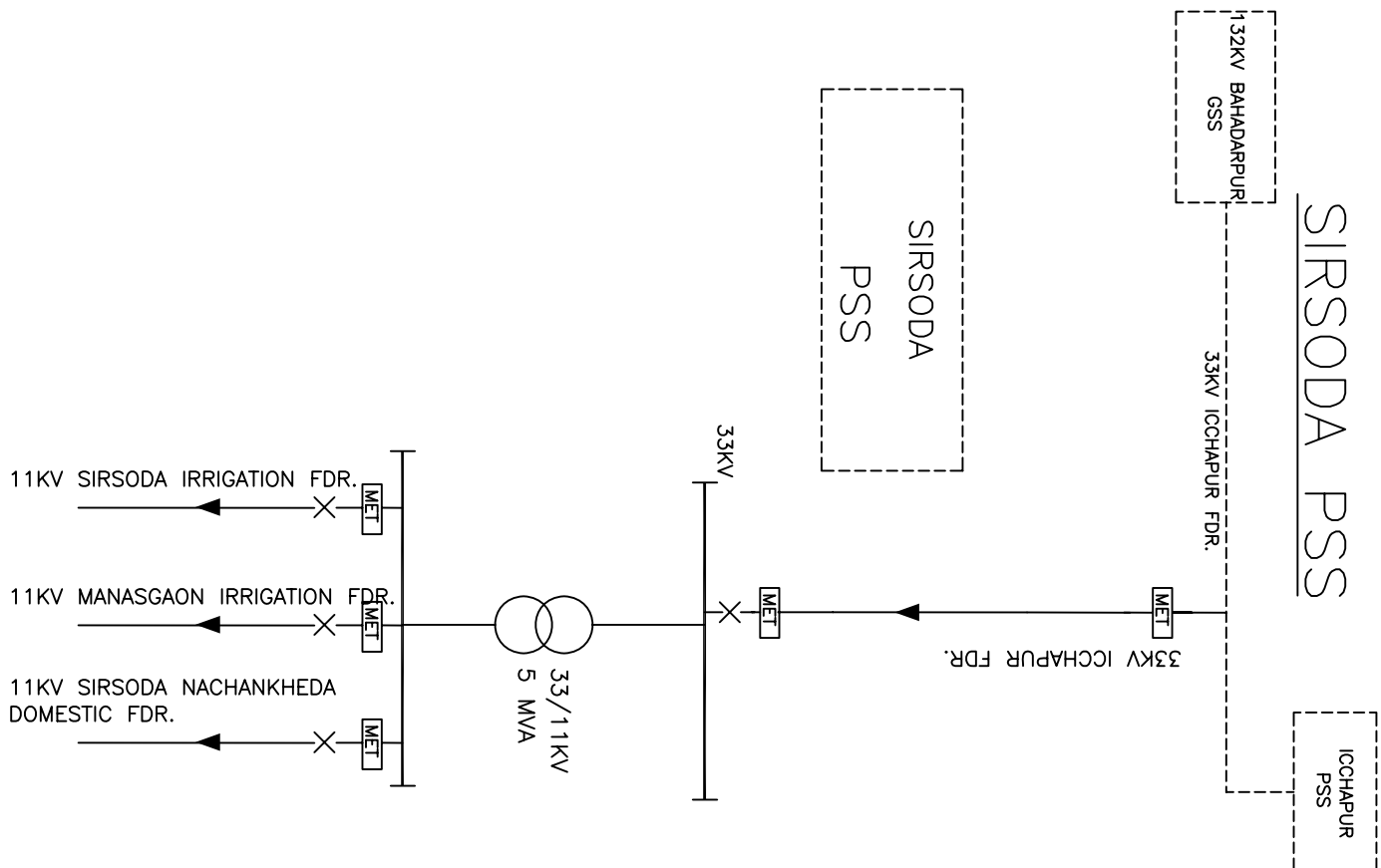
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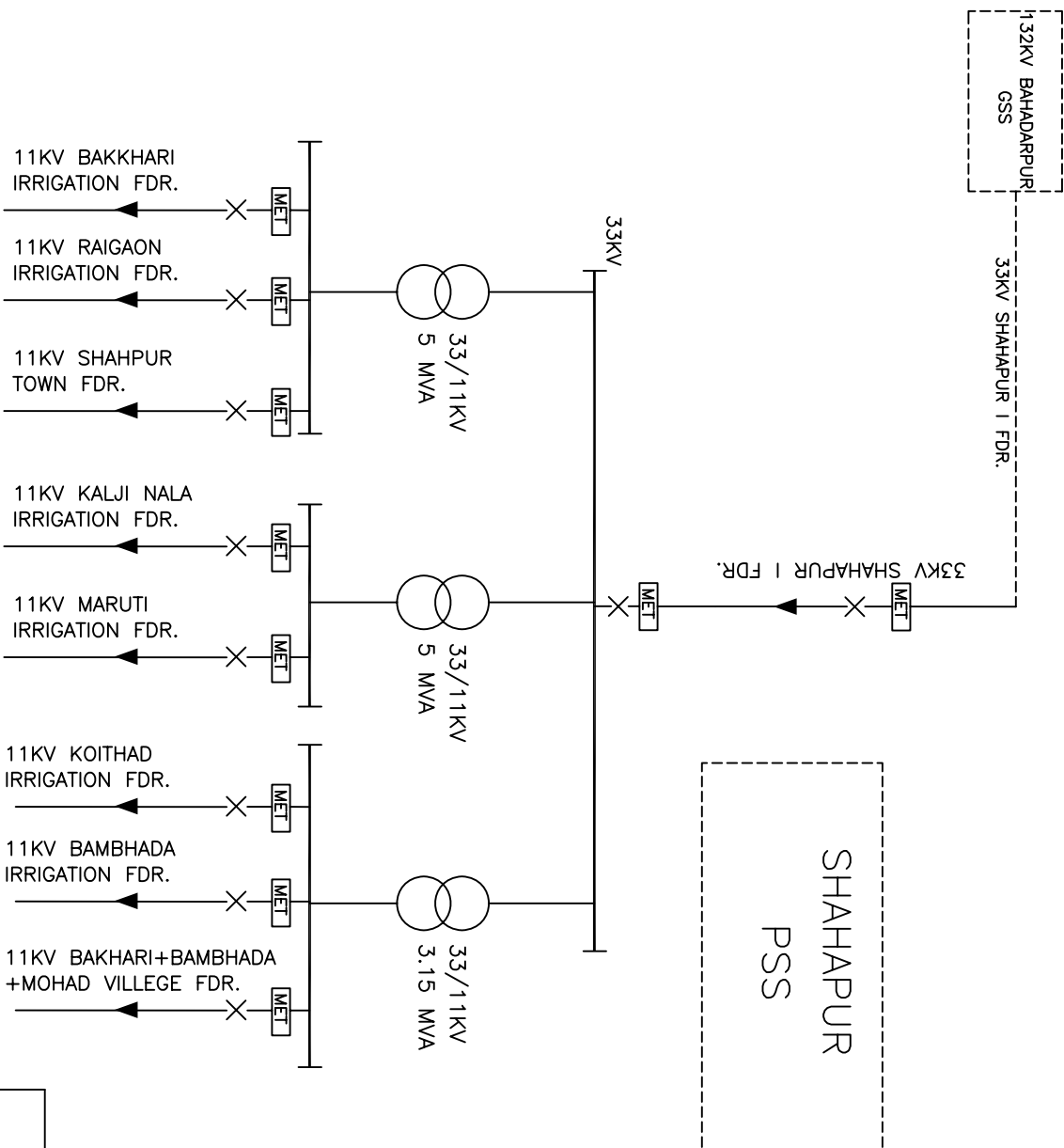
MECON LIMITED

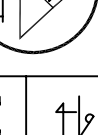
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SIRSODA PSS



SHAHAPUR PSS)

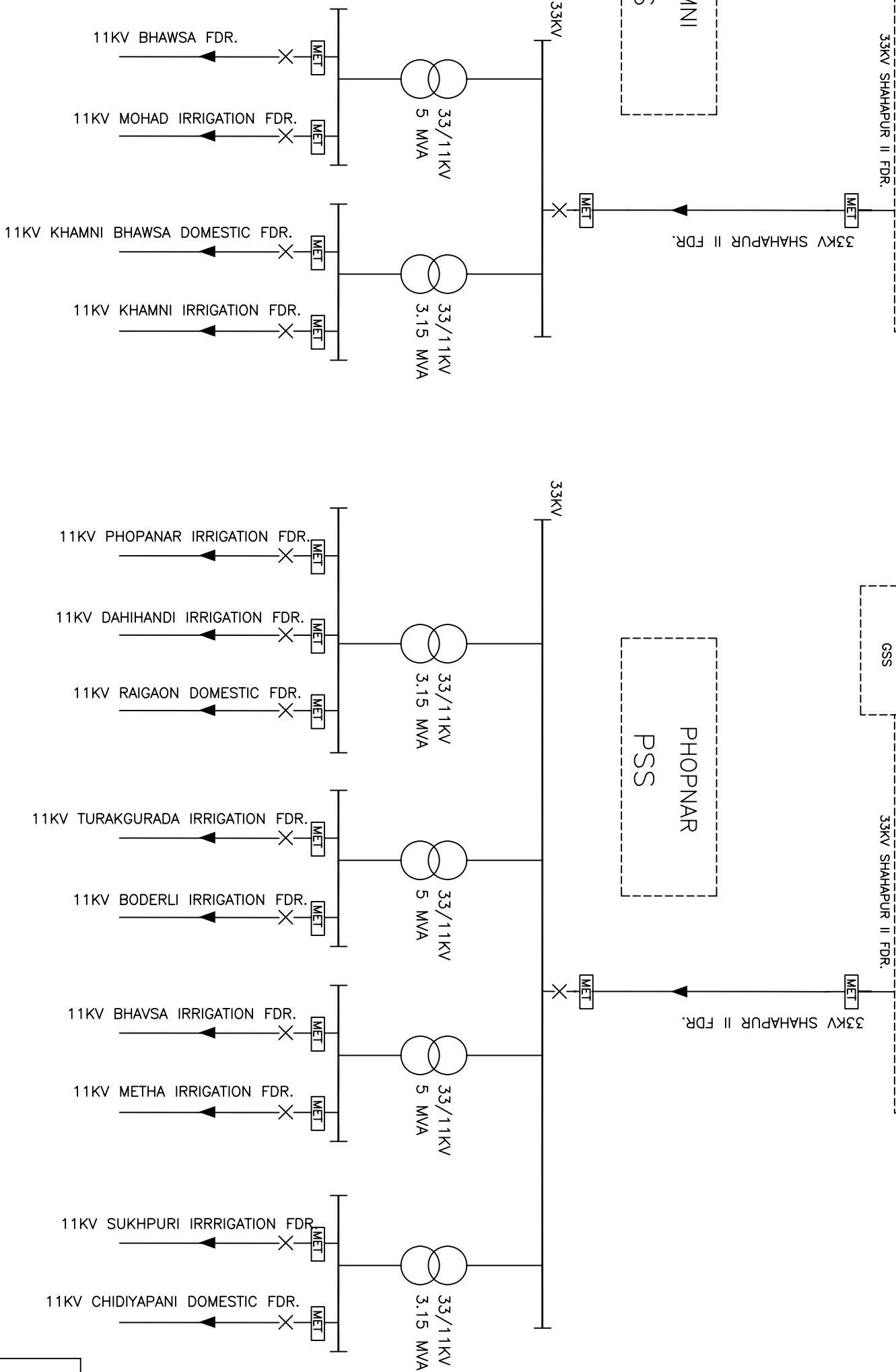
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		POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
	मेघना नमिरे	MECON LIMITED	33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.
SECTION LOCATION DESIGNED DRAWN CHECKED AND VERIFIED	ELECTRICAL POWER RANCHI N.M.MOHANTI SHEKHANZ AHMAD N.M.MOHANTI SHAHANWZ AHMAD SAMIR MONDAL	APPROVED	S.S. CHATELWEE
SCALE - N.T.S.	DRG. NO. MEC/11/9709/BRP/ES/ID/002	SHEET 5 OF 27	REV. 0

KHAMNI PSS

PHOPNAR PSS

BURHANPUR O&M DIVISION



SECTION			ELECTRICAL POWER			ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.		
LOCATION			RANCHI			33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.		
DESIGNED			N.R.MOHANTY					
DRAWN			SHAHANWAZ AHMAD					
CHECKED AND VERIFIED			SHAHANWAZ AHMAD					
APPROVED			SAMIR MONDAL					
S.K. CHATTERJEE			SCALE - N.T.S.					
DRG.NO.MRC/11/q708/BRP/EL/ID/002			SHEET			REV.		
6 OF 27			0					

MECON LIMITED

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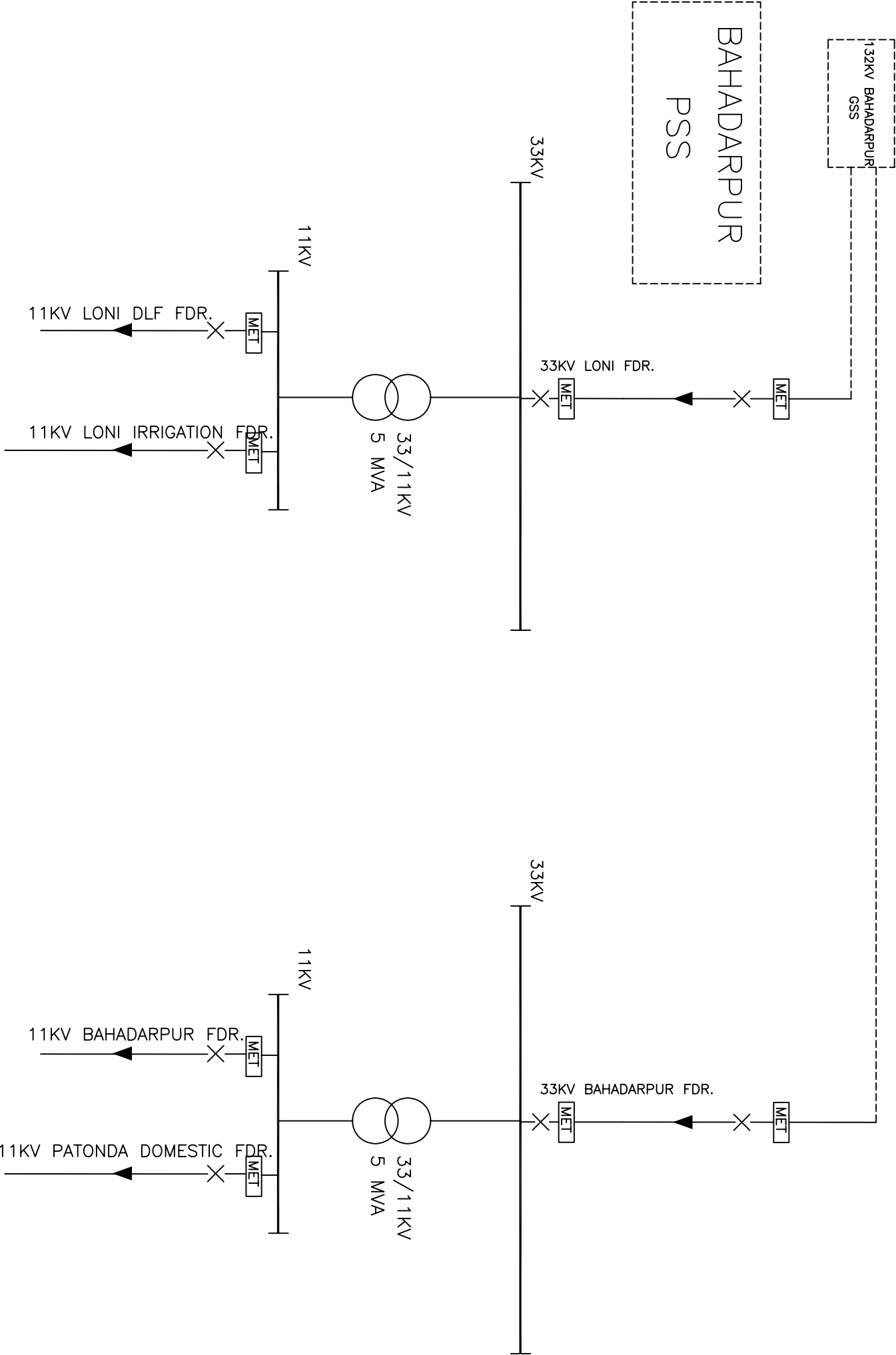
POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.



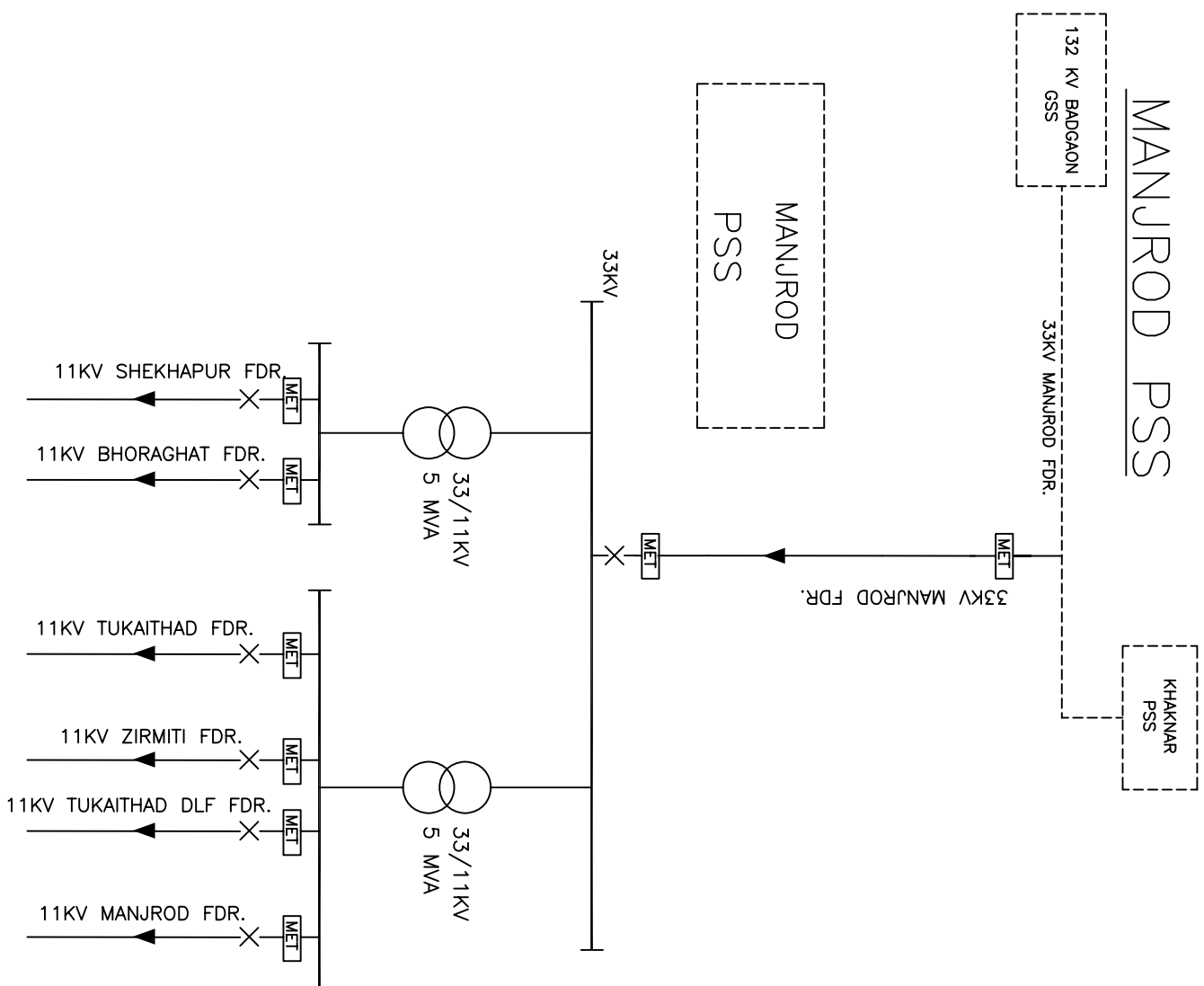
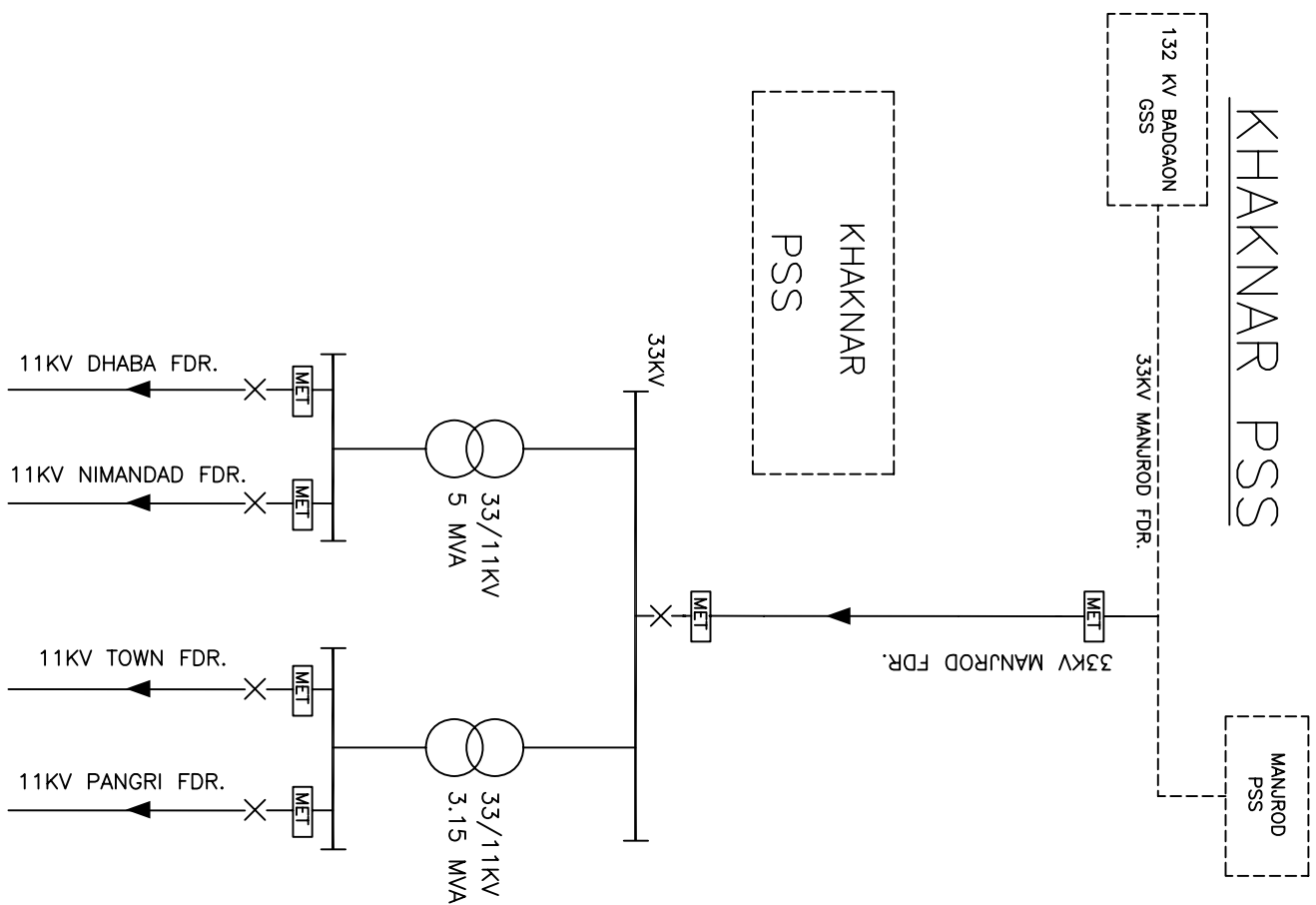
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BAHADARPUR PSS



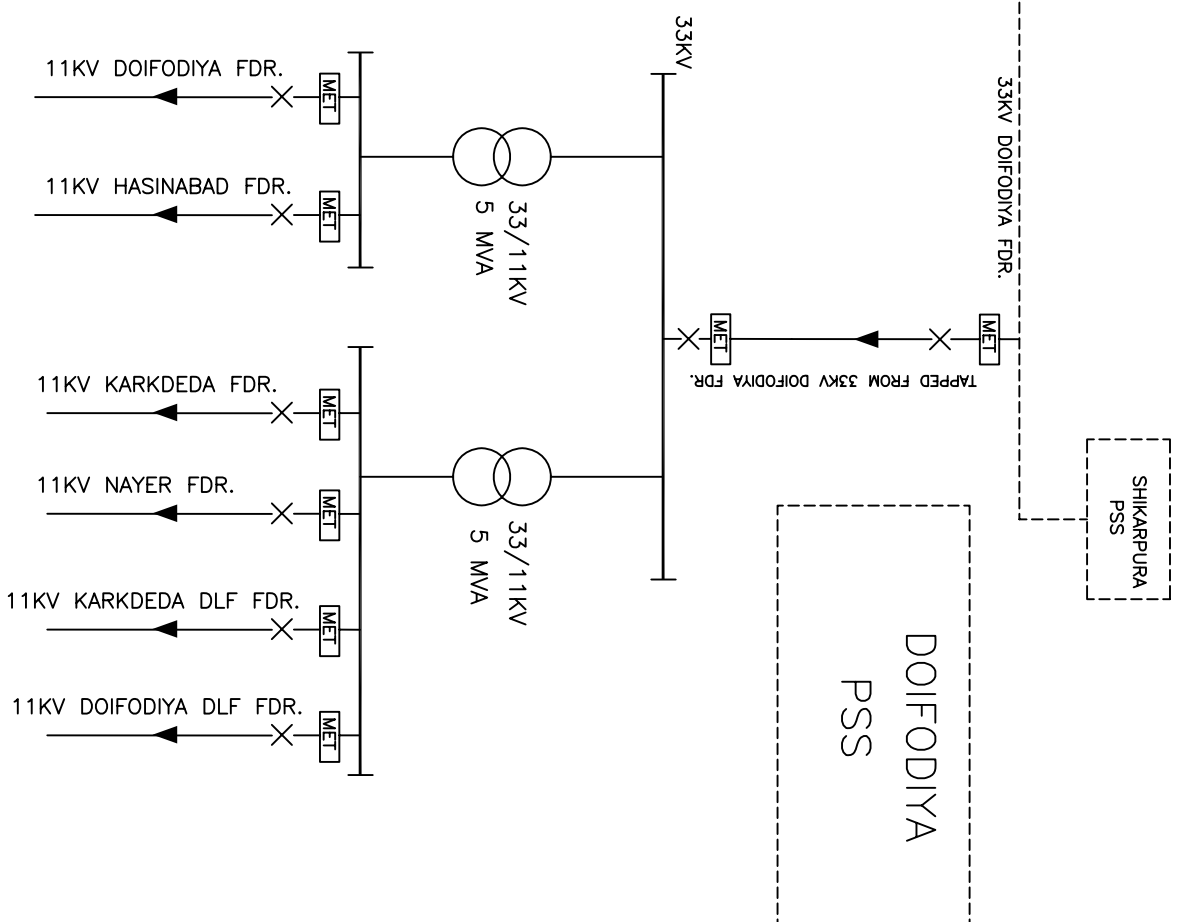
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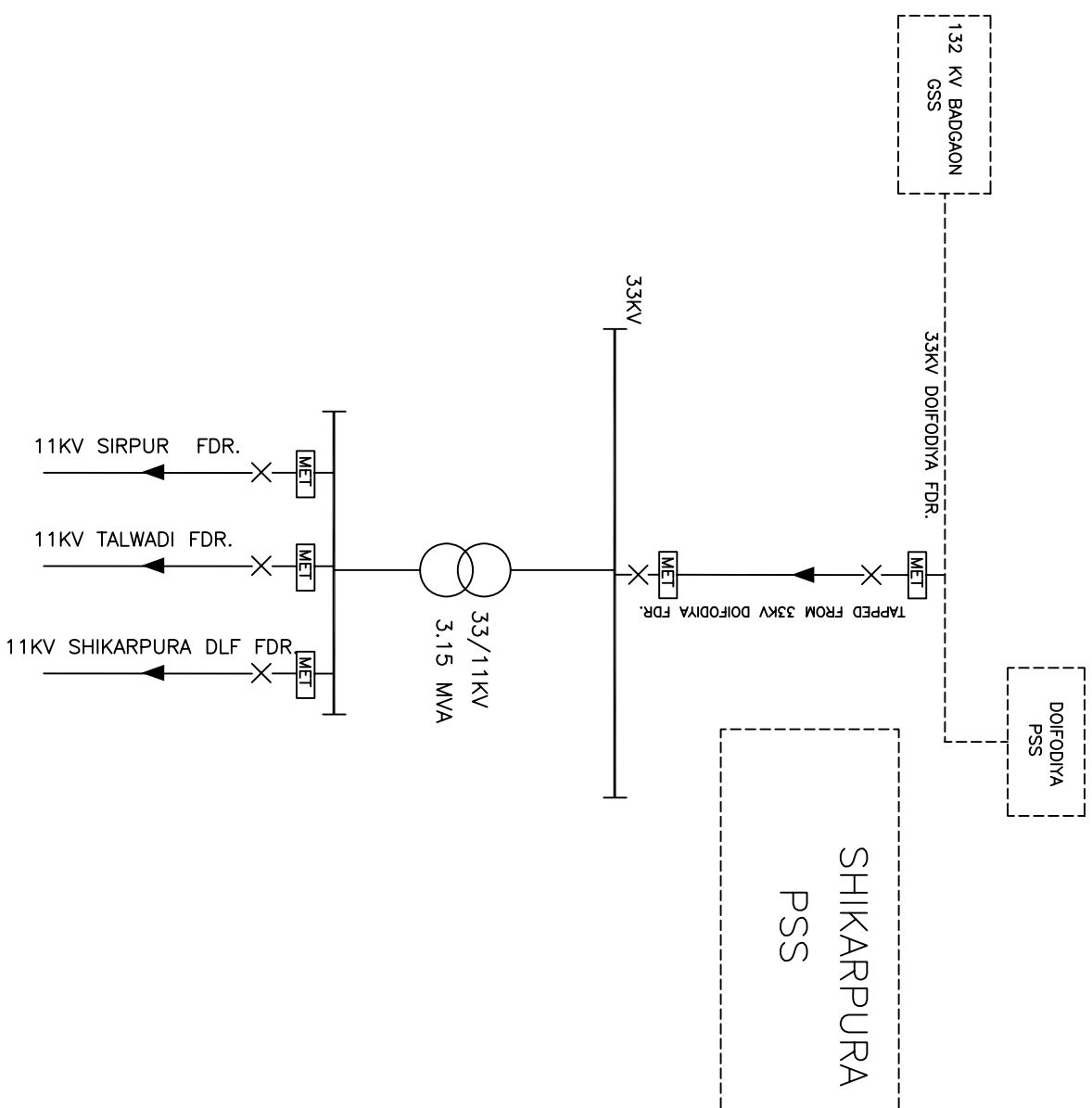
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		POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
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SECTION LOCATION DESIGNED DRAWN CHECKED AND VERIFIED	ELECTRICAL POWER RANCHI N.R.MOHANTY SHRIHARSH ADHAD N.R.MOHANTY SHRIHARSH ADHAD SAMIR MONDAL	APPROVED	S.K. CHATTERJEE
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(DOIFODIYA PSS)



(SHIKARPURA PSS)



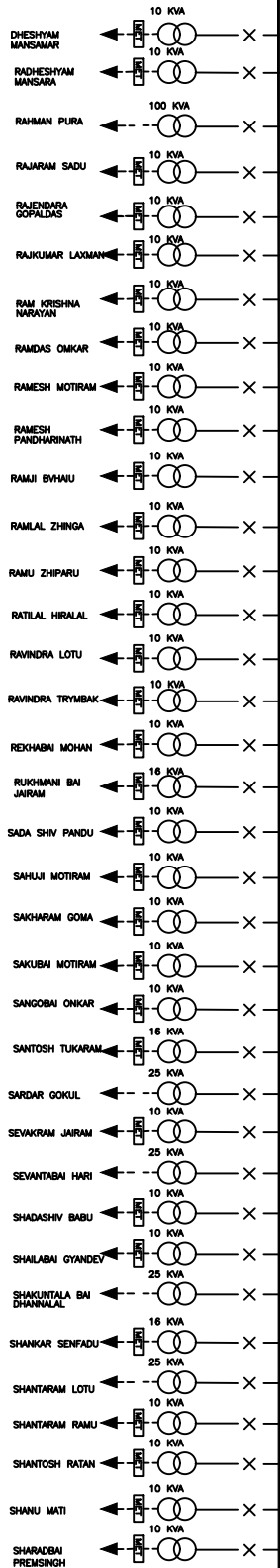
BURHANPUR O&M DIVISION

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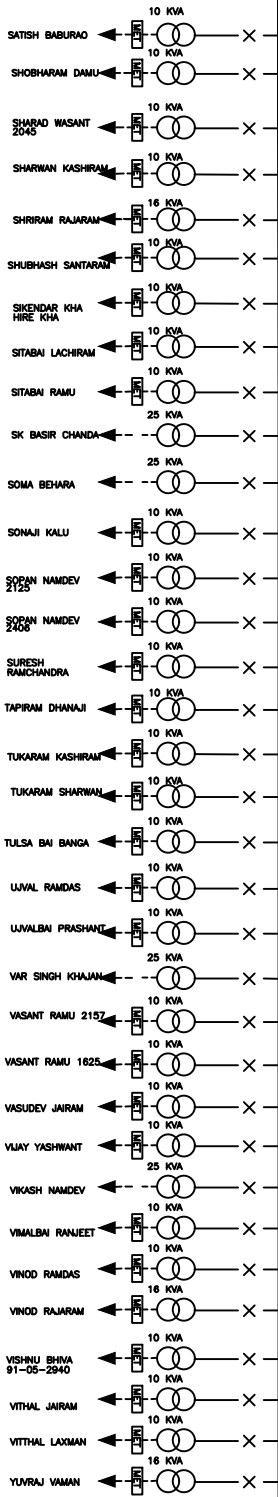
		
POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	 श्रीधर नारायण श्रीधर नारायण श्रीधर नारायण मेनिमिनेस MECON LIMITED
SECTION ELECTRICAL POWER LOCATION RAICHUR DESIGNED N.R.KOCHANNT SHANMUKH AHMAD DRAWN N.R.KOCHANNT SHANMUKH AHMAD CHECKED AND VERIFIED SAMIR MONDAL	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH. 33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.	APPROVED S.K. CHATTERJEE SCALE - N.T.S. DRG. NO. MEC/11/9709/BRP/EL/ID/002 SHEET 10 OF 27 REV. 0

POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
		मध्य प्रदेश विपरीत MECON LIMITED	
SECTION	ELECTRICIAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION	RANCHI		
DESIGNED	N. K. BHATT		
DRAWN	SHIVANAND JHA		
CHECKED	RAJAN KANT SINGH	33KV POWER INTERCONNECTION DIAGRAM UP TO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.	
AND	SAHAR MOHOL		
VERIFIED			
APPROVED	S.K. CHATTERJEE	SCALE — N.T.S. DRAWING NO. 11/0709/3887/MD/002	
		SHEET	NO.
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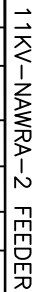
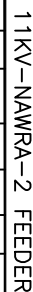
11KV-NAMRA-2 FEEDER.



11KV-NAMRA-2 FEEDER.



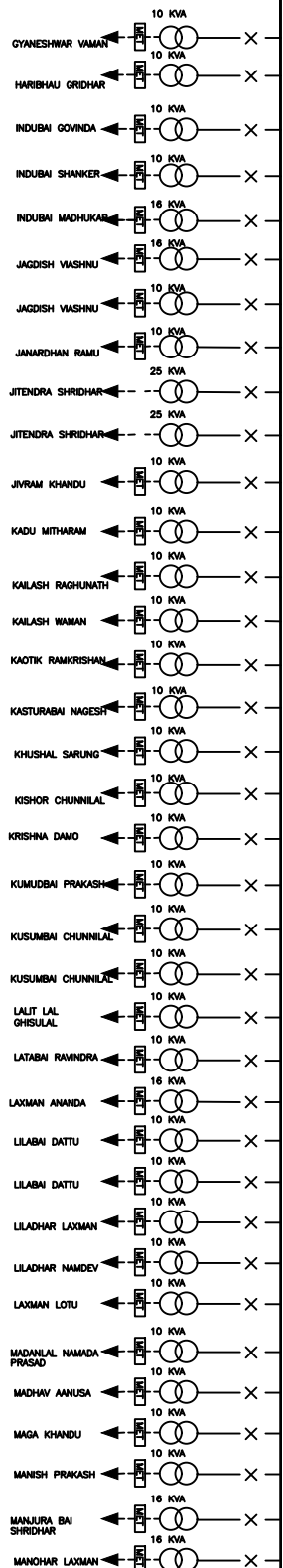
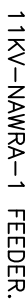
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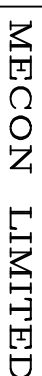
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REGULATORY
COMMISSION.
NEW DELHI.**





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REGULATORY
COMMISSION.
NEW DELHI.**



DESIGNED	SHAHINAWAZ AHMAD
DRAWN	N.R.MOHANTY

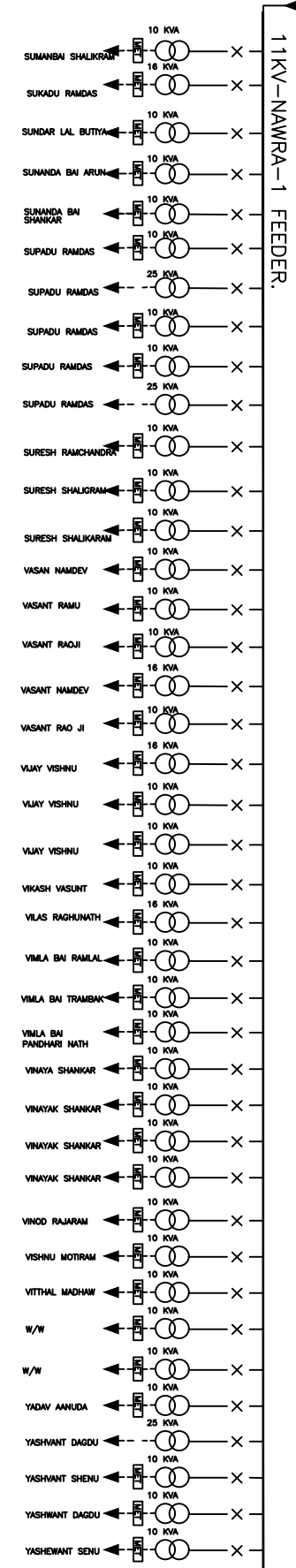
33KV POWER INTERCONNECTION DIAGRAM
IPPTO DTR POINT

FOR C.I. DIVISION
UNDER BURHANPUR CIRCLE
SAMIR MONDAL
CHECKED AND
VERIFIED

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APPROVED	S.K. CHATTERJEE	DIRG. NO. MEC/11/Q709/BRP/EM/MD/003	15 OF 27

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11KV-NAWRA-1 FEEDER.

11KV-NAWRA-1 FEEDER.

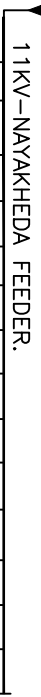
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11KV NAYAKHEDA FEEDER

10 KVA DTR - 34 NOS.
16 KVA DTR - 06 NOS.
25 KVA DTR - 09 NOS.

- ABBAS KHA ISRAIL
- AMRATLAL SHAMA
- ANSAR MOHTAJ
- ASHABAI KESHAV
- ASHOKE SHAHER RAO
- ASHREEN BEE NOOR KHA
- BASIR KHA YUSUF KHA
- BHAU BABU
- BISMILLAH BEE AKHTAR KHA
- BONDER MUKUNDA
- CHAND KHA UMER KHA
- DARIYAPUR NO-2
- DAULE KHA PERU
- DENESH MADHUKAR
- GAFFUR KHA NOOR KHA
- GAJANAN RAMDIN
- GULAB KHA AALUM KHA
- GULSHEN KHA MASUR KHA
- HAMEED KHAN HUSSAIN KHAN
- HUSSAIN KHAN SUBHASH KHAN
- ISRAIL NISAR KHA
- ISLAMBEE AKRAM KHA
- JAHR KHA ASHRAF KHA
- JAMEELA BEE MUSTAK KHA
- MADAN LAL PARASHRAM
- MEHBUB KHA SODER KHA
- MUMTAJ KHA HUSSAIN KHA
- MUSTAK KHA BABU KHA
- MUSTAK KHA BABU KHA
- NAVI AB.GANI
- NAMAB KHA GULAB KHA
- NISAR KHA NIYAMAT KHA
- NOOR MH YUSUF KHA
- PIRU BAHADUR
- RASID KHA CHAND KHA
- RASUL KHA HASAN KHA



- RAVIDARA SAHEBRAD
- SAIDA BEE NOOR KHA
- SALIM KHA GAFFUR KHA
- SALINA BEE KHAN BAHADUR
- SHADASHIV MAHADEV
- SHAFI KHA MEHABUB KHA
- SHAIR KHA SAWAJ KHA
- SHANKAR BALURAM
- SHARIF KHA GAFFUR KHA
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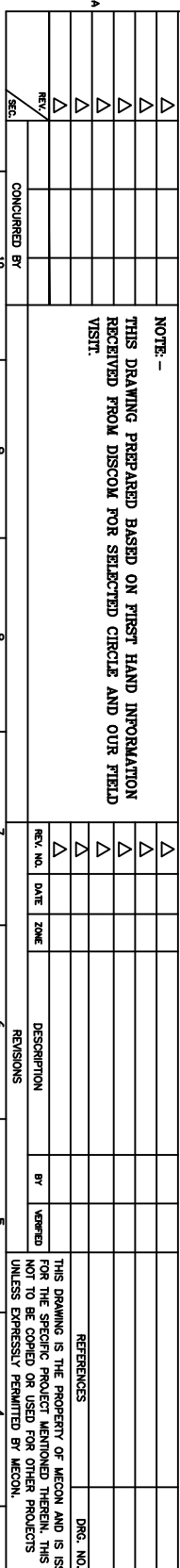
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BY									
VERIFIED									
APPROVED									
S.K. CHATRAJEE									
SCALE - N.T.S.									
DRG.NO./JRC/11/0700/BBP/BS/02/002									
SHEET	26	OF	27	0					
REV.									

POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

MECON LIMITED

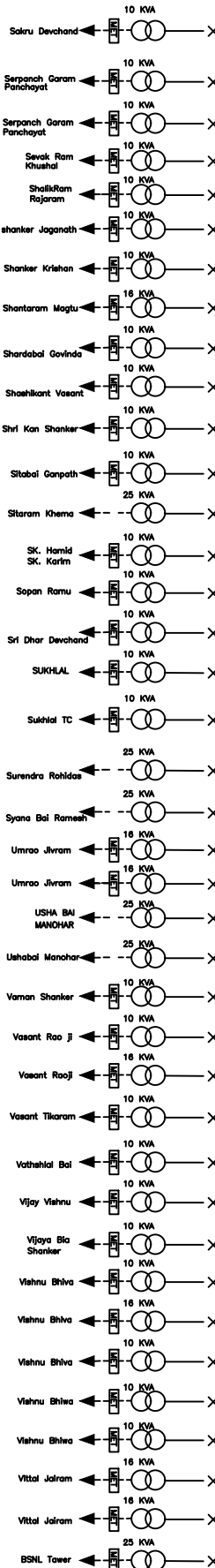
SECTION	ELIGIBILITY	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
LOCATION	RANCHI	
DESIGNED	NEERAGANY SHANAWAZ AHMAD	
DRAWN	N.A.AJANANTY SHANAWAZ AHMAD	
CHECKED	SAIR MONDAL	
VERIFIED		
APPROVED		
S.K. CHATRAJEE		
SCALE - N.T.S.		
DRG.NO./JRC/11/0700/BBP/BS/02/002		
SHEET	26	OF 27
REV.		



BURHANPUR O&M DIVISION
DABYAKHEDA PSS

FROM PREVIOUS SHEET

11KV- HAIDERPUR FEEDER.



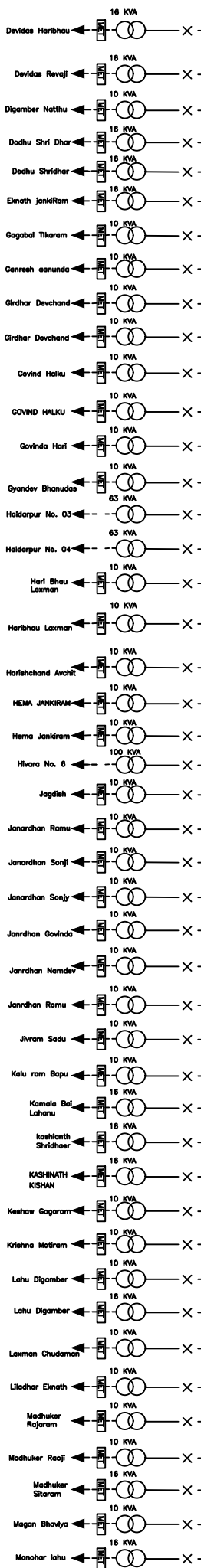
11KV HAIDERPUR FEEDER
100 KVA DTR - 4 NOS.
63 KVA DTR - 3 NOS.
25 KVA DTR - 11 NOS.
16 KVA DTR - 27 NOS.
10 KVA DTR - 117 NOS.

REVISIONS									
REV. NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED	THIS DRAWING IS THE PROPERTY OF MECON AND IS ISSUED FOR THE SPECIFIC PROJECTS MENTIONED HEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON.			
CONCURRED BY						APPROVED			
NOTES:-						ELECTRICAL POWER			
THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.						ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH			
						SECTION LOCATION			
						33KV POWER INTERCONNECTION DIAGRAM			
						UPTO DTR POINT			
						FOR BURHANPUR O&A DIVISION			
						UNDER BURHANPUR CIRCLE.			
						SCALE - N.T.S.			
						DRA. NO. DRP./14/0709/DRP./EL/D/002			
						S.K. CHATTERJEE			
						23 OF 27			
						REV. 0			

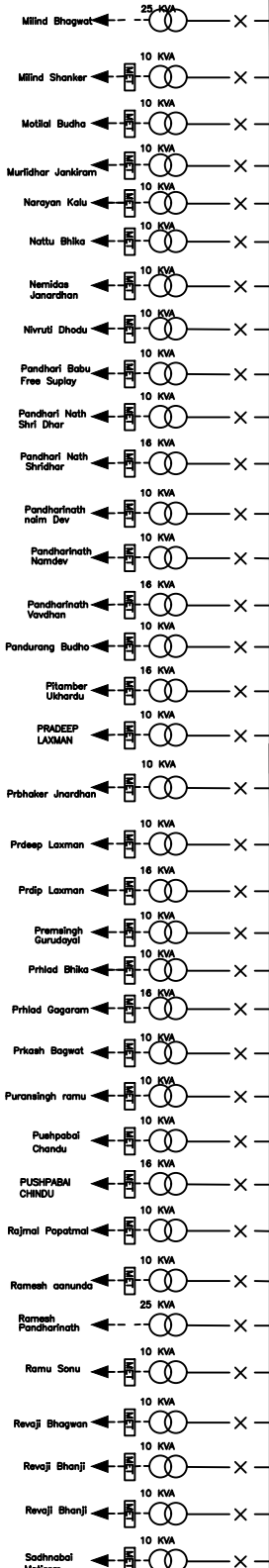
FROM PREVIOUS SHEET

BURHANPUR O&M DIVISION
DABIYAKHEDA PSS

11KV- HAIDERPUR FEEDER.



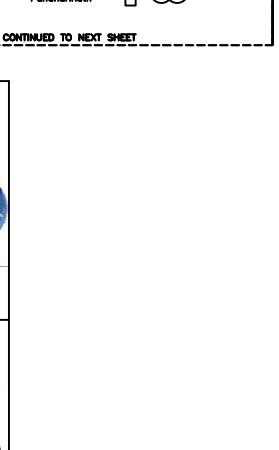
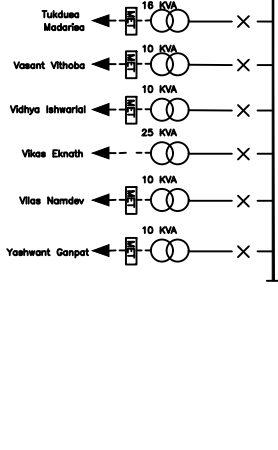
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DABIYAKHEDA PSS

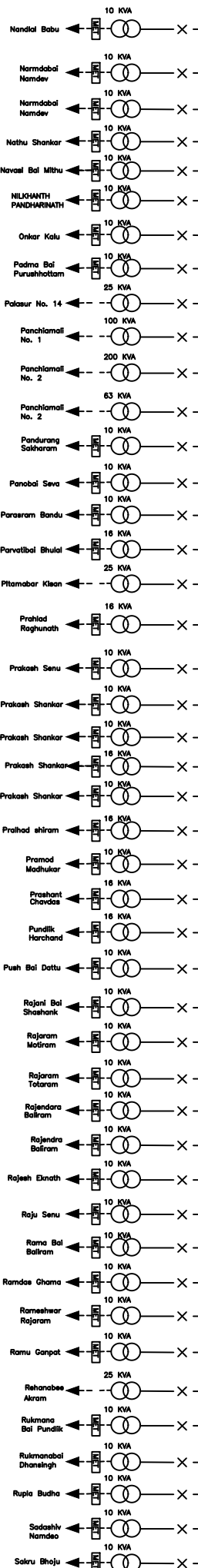


CONTINUED TO NEXT SHEET

33KV POWER INTERCONNECTION DIAGRAM UP TO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.		APPROVED	S.K. CHITambar	3
SCALE - N.T.S.				
DATE: 11/07/09	BY: /BSP/RL/D/002			
SHEET	REV.	21	07	0

FROM PREVIOUS SHEET

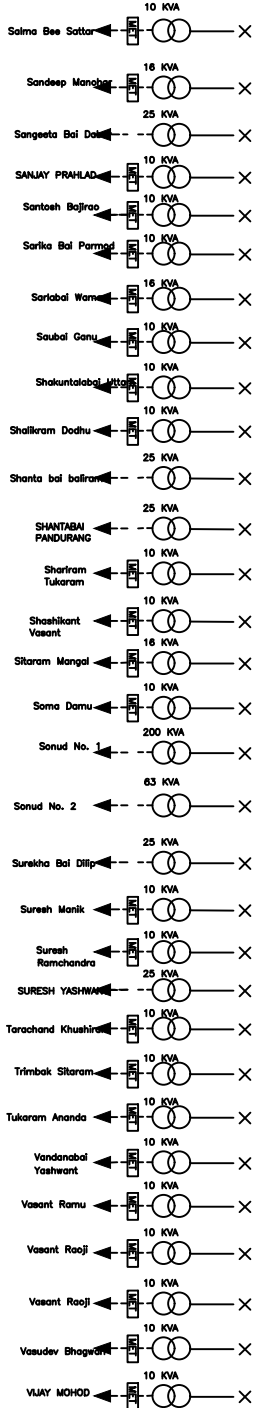
11KV SIMAL I FEEDER



BURHANPUR O&M DIVISION

DABIYAKHEDA PSS

11KV SIMAL I FEEDER



CONTINUED TO NEXT SHEET

11KV SIMAL I FEEDER
200 KVA DTR - 3 NOS.
100 KVA DTR - 2 NOS.
63 KVA DTR - 2 NOS.
25 KVA DTR - 20 NOS.
16 KVA DTR - 21 NOS.
10 KVA DTR - 122 NOS.



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NEW DELHI.



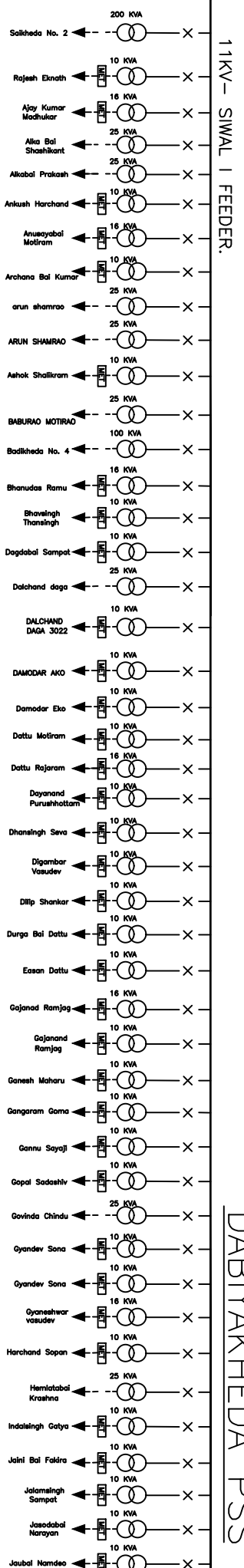
MECON LIMITED

33KV POWER INTERCONNECTION DIAGRAM
UP TO DTR POINT
FOR BURHANPUR O&M DIVISION
UNDER BURHANPUR CIRCLE.

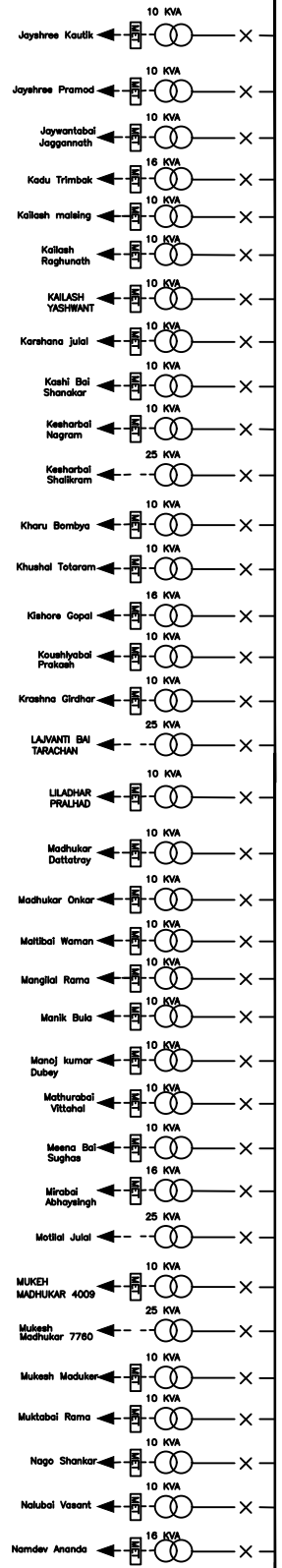
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LOCATION		RANCH			
DESIGNED		N. K. JAIN			
DRAWN		SHANUWAZ AHMAD			
CHECKED		SAIR MONDAL			
VERIFIED					
APPROVED		S.K. CHATURVEDI			
SCALE		N.T.S.			
DRG. NO.		JMC/11/9709/BBP/BS/02			
SHEET		19 OF 27			
REV.		0			

NOTE:-
THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION
RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD
VISIT.

DABIYAKHEDA PSS



11KV- SIWAL I FEEDER.



CONTINUED TO NEXT SHEET

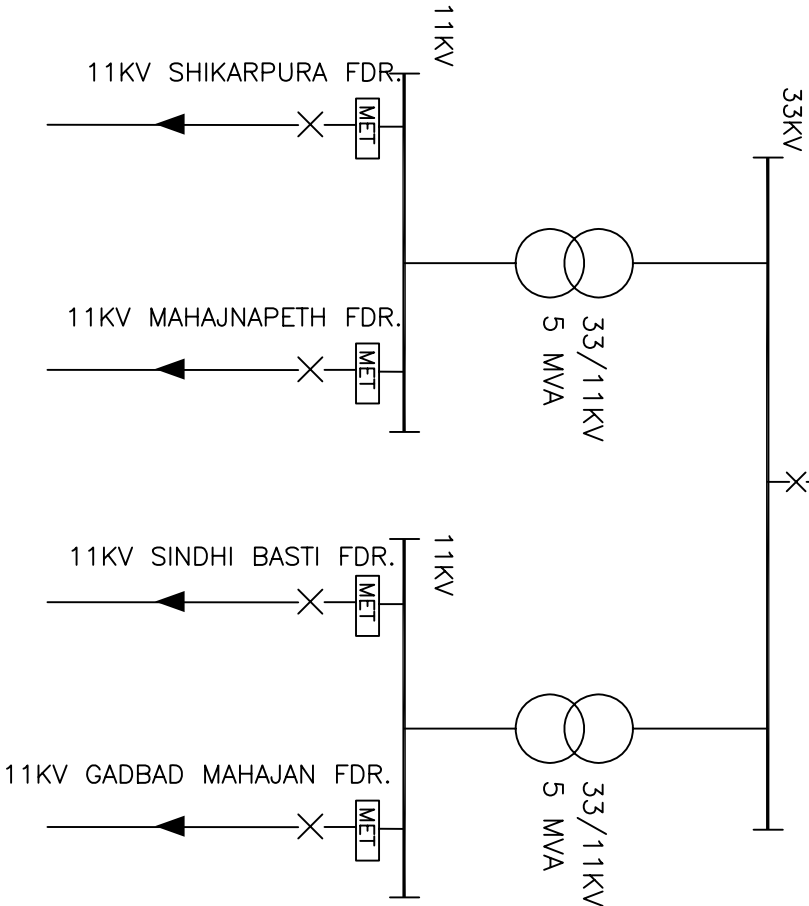
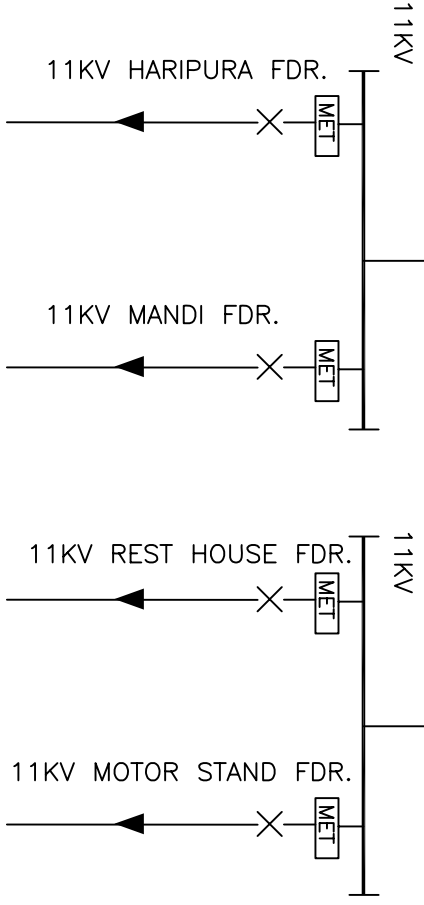
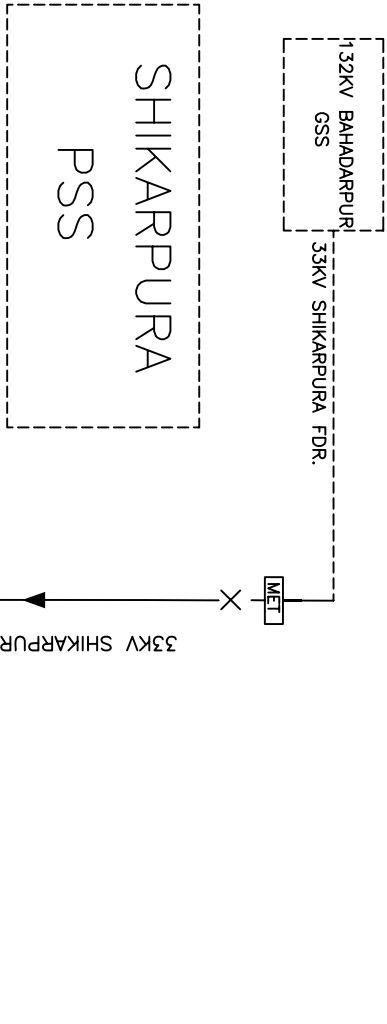
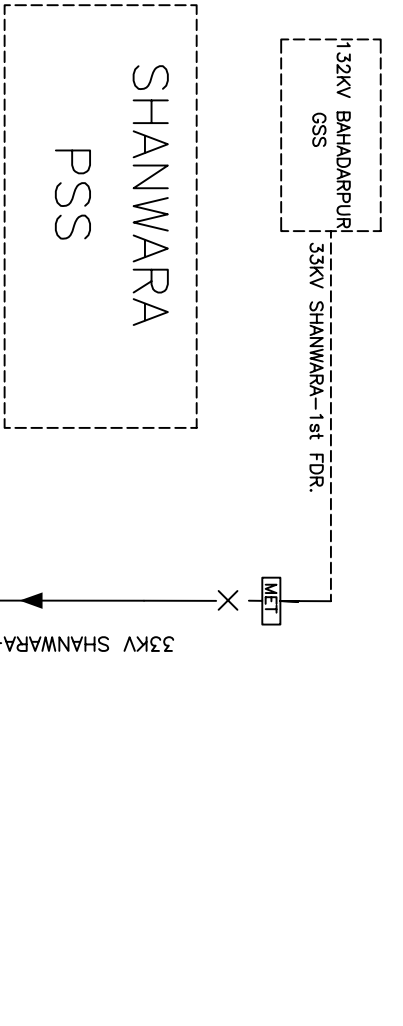
 																																																	
POWER FINANCE CORPORATION. NEW DELHI. CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.																																																	
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">SECTION</th> <th style="width: 15%;">ELECTRICAL POWER</th> <th style="width: 15%;">LOCATION</th> <th style="width: 15%;">DESIGNED</th> <th style="width: 15%;">DRAWN</th> <th style="width: 15%;">CHECKED</th> <th style="width: 15%;">VERIFIED</th> <th style="width: 15%;">APPROVED</th> </tr> </thead> <tbody> <tr> <td>ANCHAL</td> <td></td> <td>RANCHI</td> <td>N.M. MOHANTY</td> <td>N.M. MOHANTY</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>SHANMUKH ARJAD</td> <td>SHANMUKH ARJAD</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>CHAKRED</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SAHAR MOHOL</td> <td></td> <td></td> </tr> </tbody> </table>										SECTION	ELECTRICAL POWER	LOCATION	DESIGNED	DRAWN	CHECKED	VERIFIED	APPROVED	ANCHAL		RANCHI	N.M. MOHANTY	N.M. MOHANTY							SHANMUKH ARJAD	SHANMUKH ARJAD									CHAKRED								SAHAR MOHOL		
SECTION	ELECTRICAL POWER	LOCATION	DESIGNED	DRAWN	CHECKED	VERIFIED	APPROVED																																										
ANCHAL		RANCHI	N.M. MOHANTY	N.M. MOHANTY																																													
			SHANMUKH ARJAD	SHANMUKH ARJAD																																													
					CHAKRED																																												
					SAHAR MOHOL																																												
ASSIGNMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH 33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BURHANPUR O&M DIVISION UNDER BURHANPUR CIRCLE.																																																	
SCALE - N.T.S.																																																	
DWG. NO. MBP/11/0709/BEP/18/10/002																																																	
SHEET 18 OF 27																																																	

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR BURHANPUR CITY DIVISION
UNDER BURHNPUR CIRCLE.**

Drawing No. : MEC/11/O709/BRP/E1/ID/003

No. of Sheets: 06

SHANWARA PSS



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NOTE: -

THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.

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DATE			
ZONE			
DESCRIPTION			
BY			
VERIFIED			
REVISIONS			
CONCURRED BY			

SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
LOCATION	RANCHI	
DESIGNED	N.R.MOHANTY	
DRAWN	SHANAWAZ AHMAD	
CHECKED AND VERIFIED	SHANAWAZ AHMAD	
REFERENCES	DRG. NO.	
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APPROVED	S.K. CHATTERJEE	
SCALE	- N.T.S.	
DRG.NO.MEC/11/q709/BRP/EL/ID/003		
SHEET	1 OF 6	
REV.	0	



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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

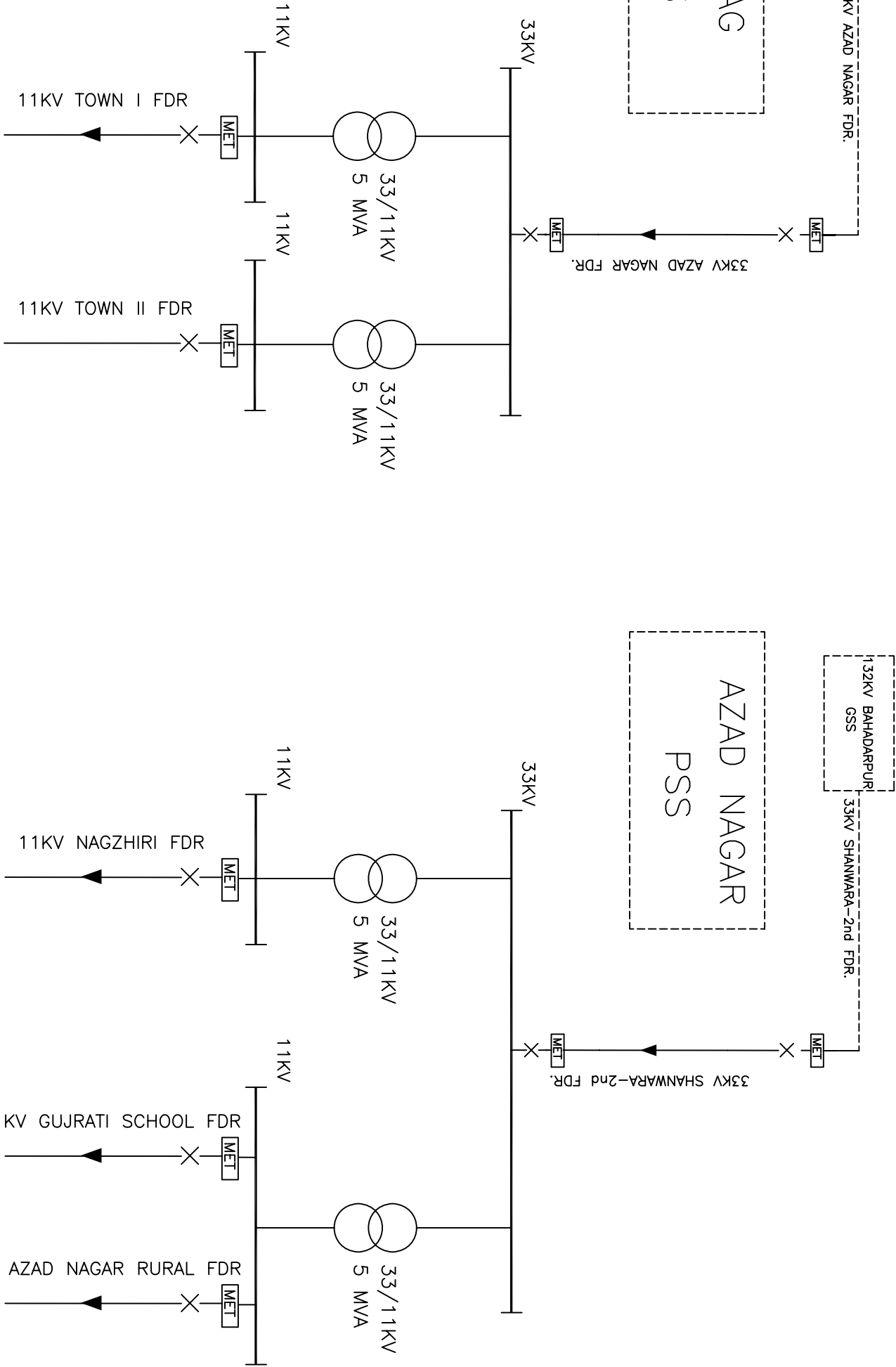
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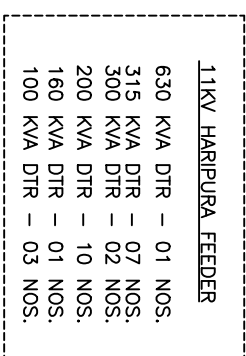
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AZADNAGAR PSS

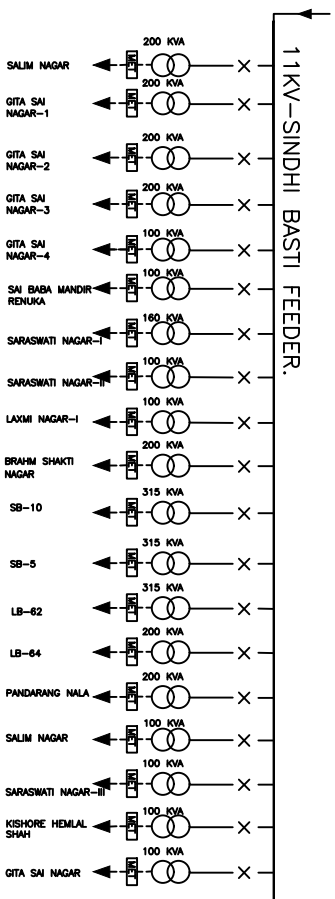
CITY DIVISION BURHANPUR



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CITY DIVISION BURHANPUR
SHANWARA PSS



CITY DIVISION
SHIKARPURA PSS

11KV SINDHI BASTI FEEDER

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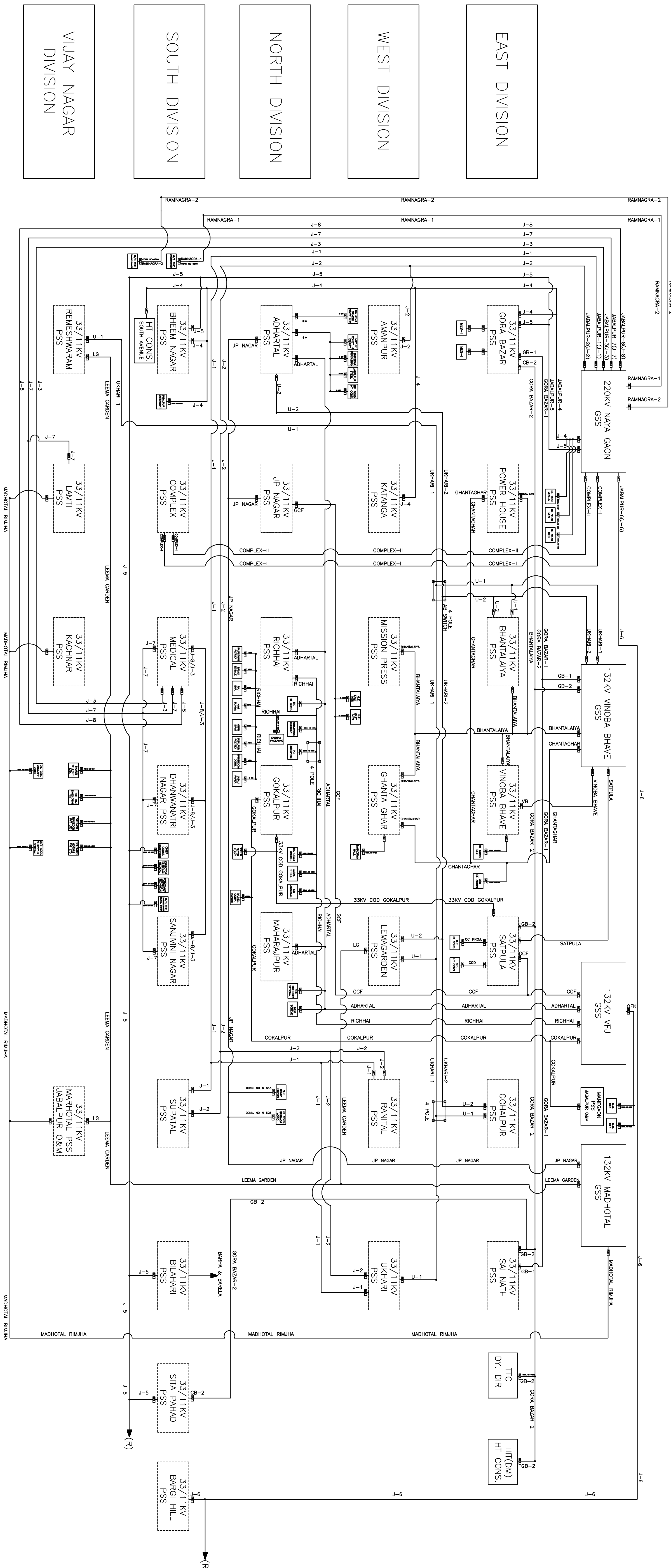
	
POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
	मेकॉन लिमिटेड

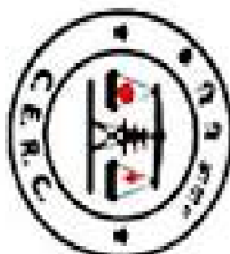
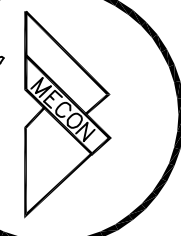
**DRAWINGS AND DIAGRAMS
OF
JABALPUR CITY CIRCLE**

DRAWING DESCRIPTION. :
'33KV INTERCONNECTION DIAGRAM AND
33KV CONSUMER OF JABALPUR CITY CIRCLE.

Drawing No. : MEC/11/O709/TBP/E1/ID/001

No. of Sheets: 01

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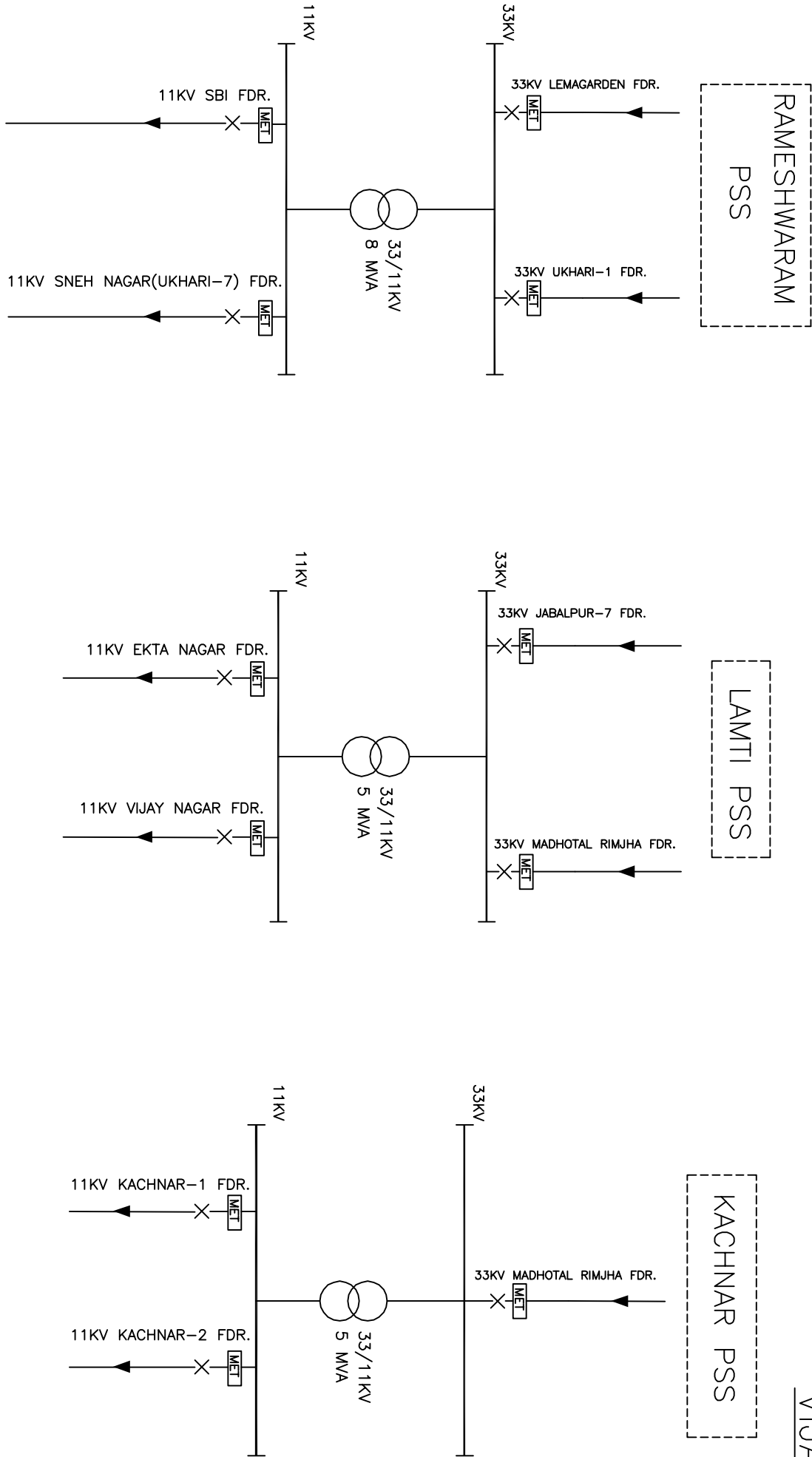
		POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
	मेकॉन लिमिटेड	SECTION ELECTRICAL POWER LOCATION RANCHI DESIGNED N.R.MOHAJITY SHAHNAWAZ AHMAD DRAWN N.R.MOHAJITY SHAHNAWAZ AHMAD CHECKED AND VERIFIED SAMIR MONDAL	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
DRG.NO.MEC/11/q709/JBP/El/1D/001	SCALE — N.T.S.	33KV POWER INTERCONNECTOR DIAGRAM AND 33KV HT CONSUMER OF JABALPUR CITY CIRCLE.	SHEET 1 OF 1 REV. 0

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR VIJAYA NAGAR DIVISION
UNDER JABALPUR CITY CIRCLE.**

Drawing No. : MEC/11/O709/TBP/E1/ID/002

No. of Sheets: 02

VIJAY NAGAR DIVISION



11KV UKHARI-6 FEEDER
100 KVA DTR – 8 NOS.
200 KVA DTR – 17 NOS.
315 KVA DTR –11 NO.
63 KVA DTR –1 NO.
250 KVA DTR –1 NO.
300 KVA DTR –1 NO.



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NEW DELHI.



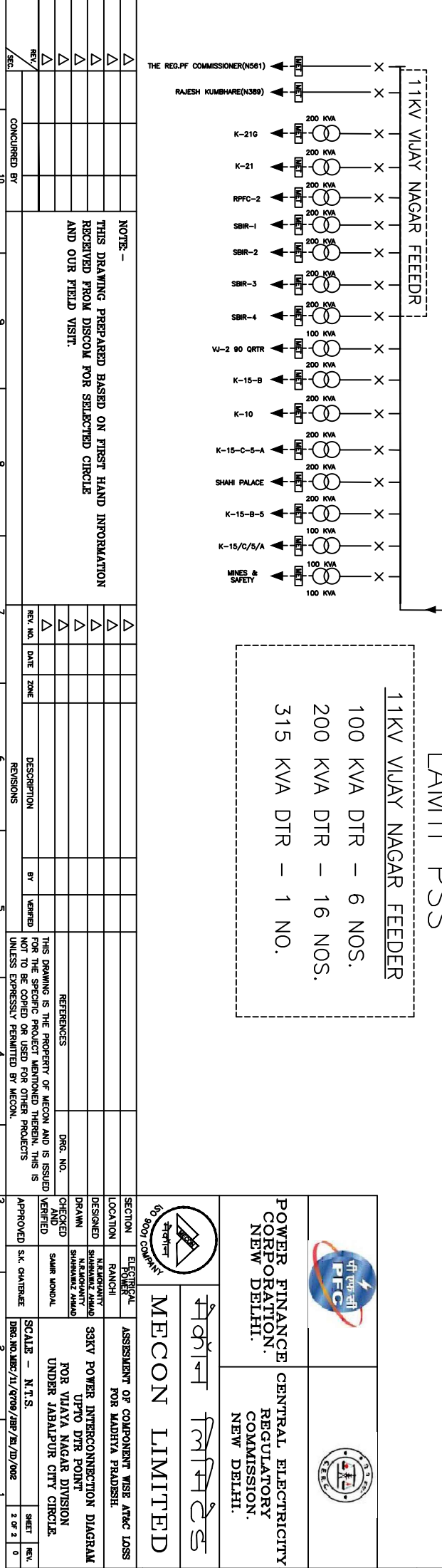
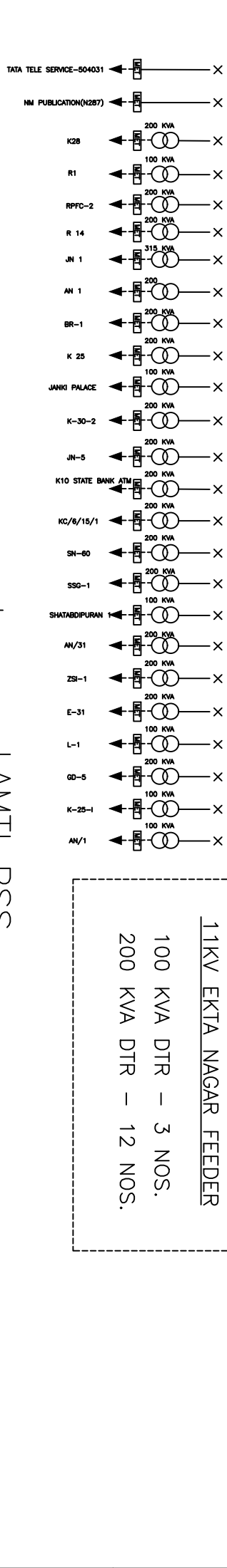
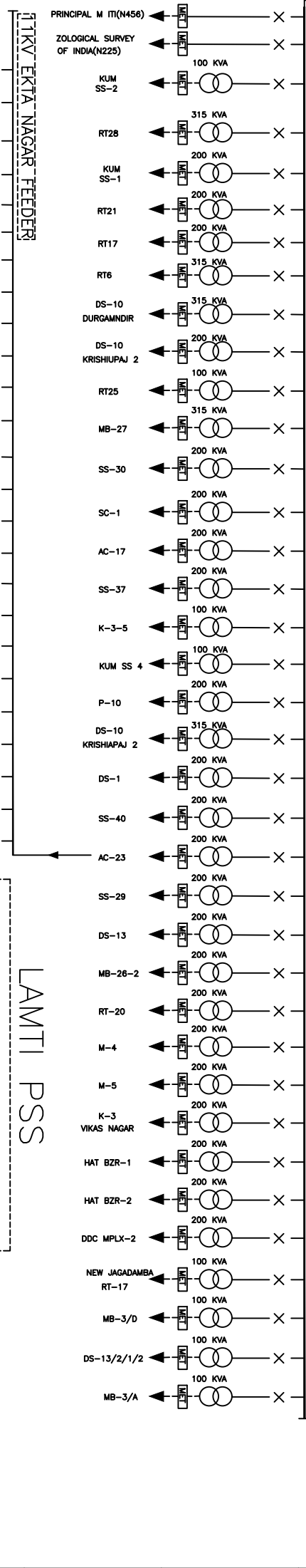
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NOTE: -			THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.		
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4			1		

VIJAY NAGAR DIVISION
RAMESHWARAM PSS

11KV SBI FEEDER
100 KVA DTR - 8 NOS.
200 KVA DTR - 22 NOS.
315 KVA DTR - 5 NOS.



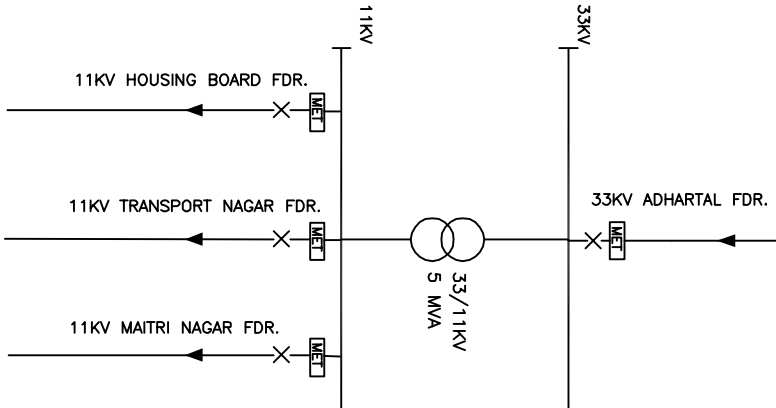
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**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR NORTH DIVISION UNDER
JABALPUR CITY CIRCLE.**

Drawing No. : MEC/11/O709/TBP/E1/ID/003

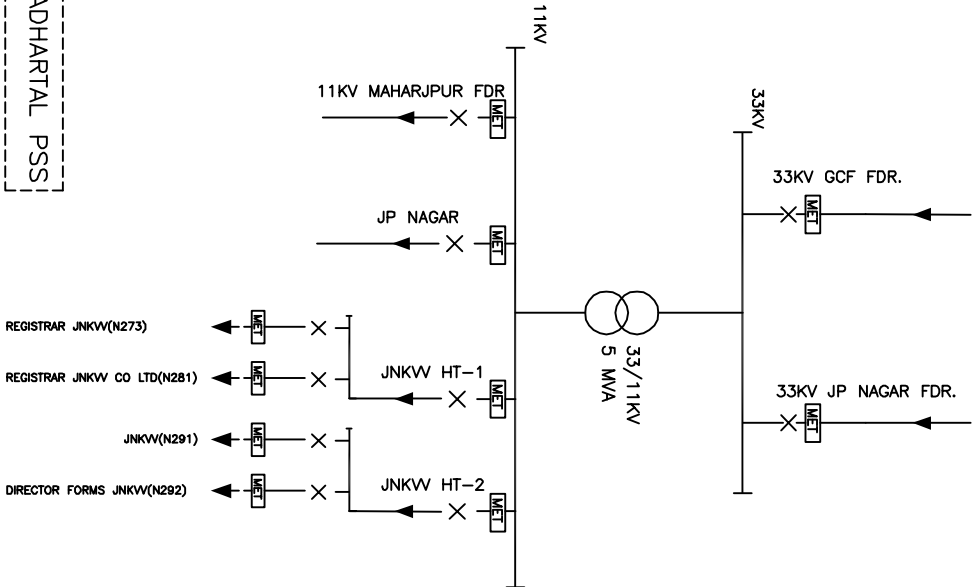
No. of Sheets: 02

NORTH DIVISION

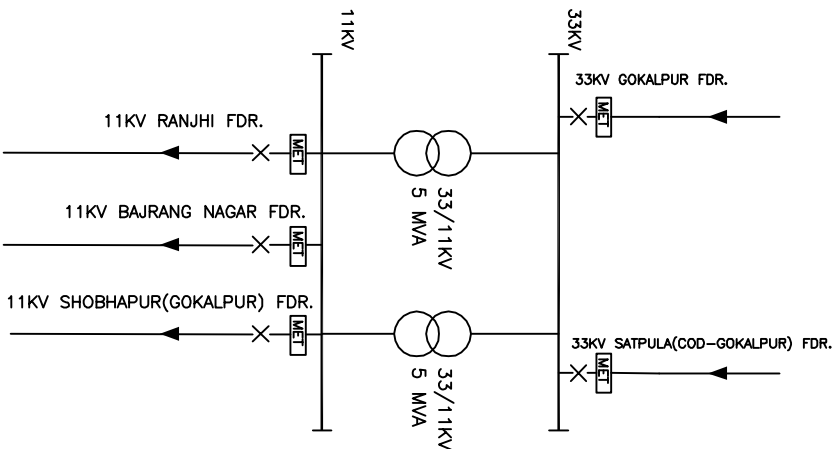
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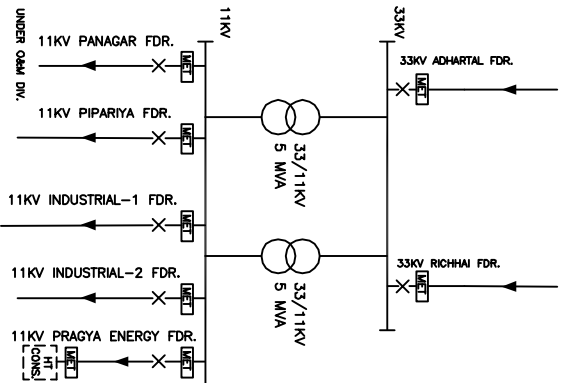
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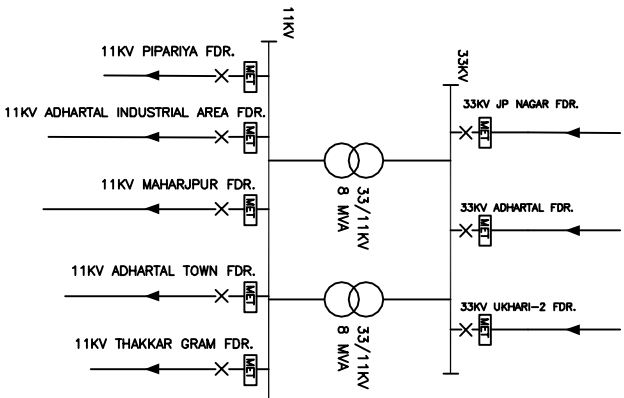
GOKALPUR PSS



RICHHAI PSS



ADHARTAL PSS



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CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

शेर्मा लिमिटेड

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SECTION
ELECTRICAL
POWER

LOCATION
RANCHI

DESIGNED
SHANAWAZ AHMAD

DRAWN
N.R.MOHANTY
SHANAWAZ AHMAD

CHECKED
AND
VERIFIED
SAMIR MONDAL

APPROVED
S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR NORTH DIVISION
UNDER JABALPUR CITY CIRCLE.

SCALE - N.T.S.

DWG.NO.MEC/11/q708/JBP/EX/1D/003

1 OF 2

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NOTE: -

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RECEIVED FROM DISCOM FOR SELECTED CIRCLE
AND OUR FIELD VISIT.

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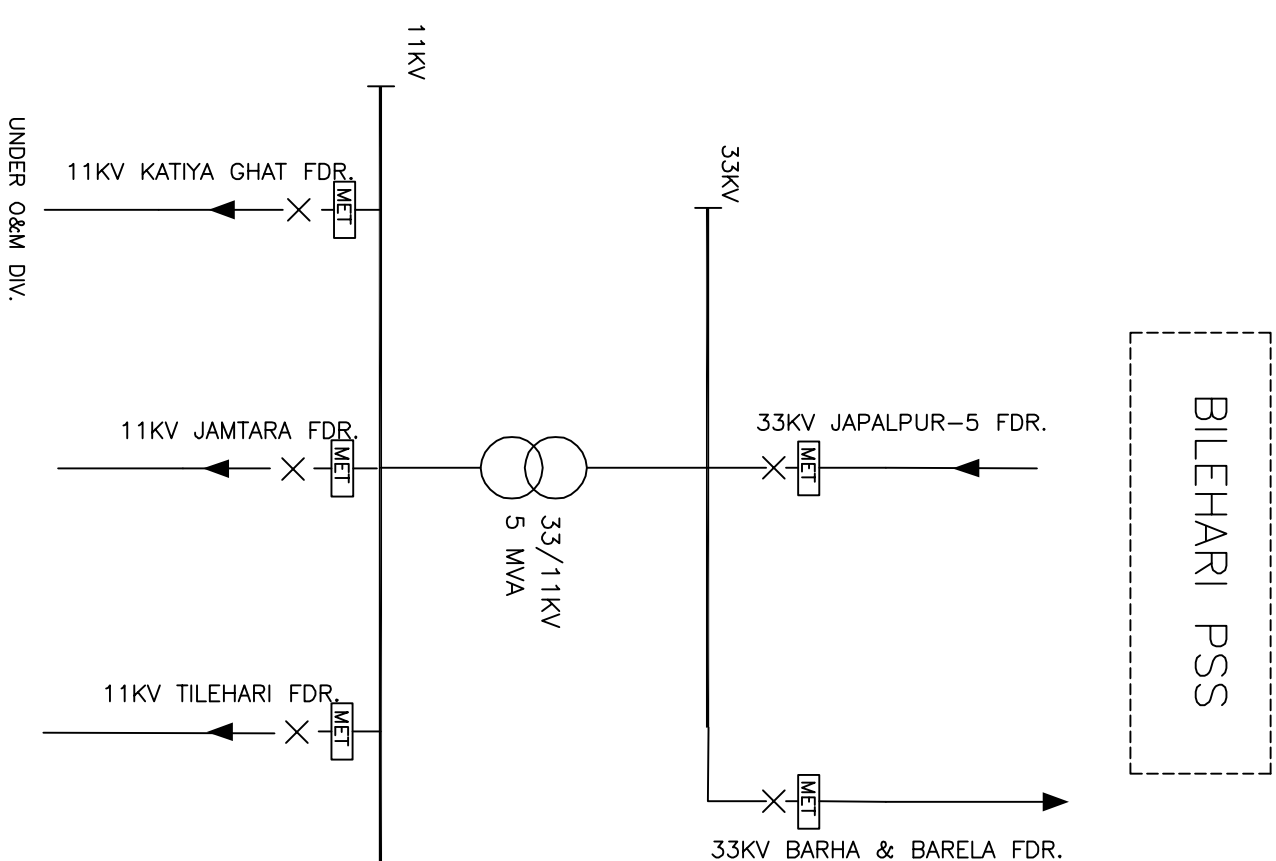
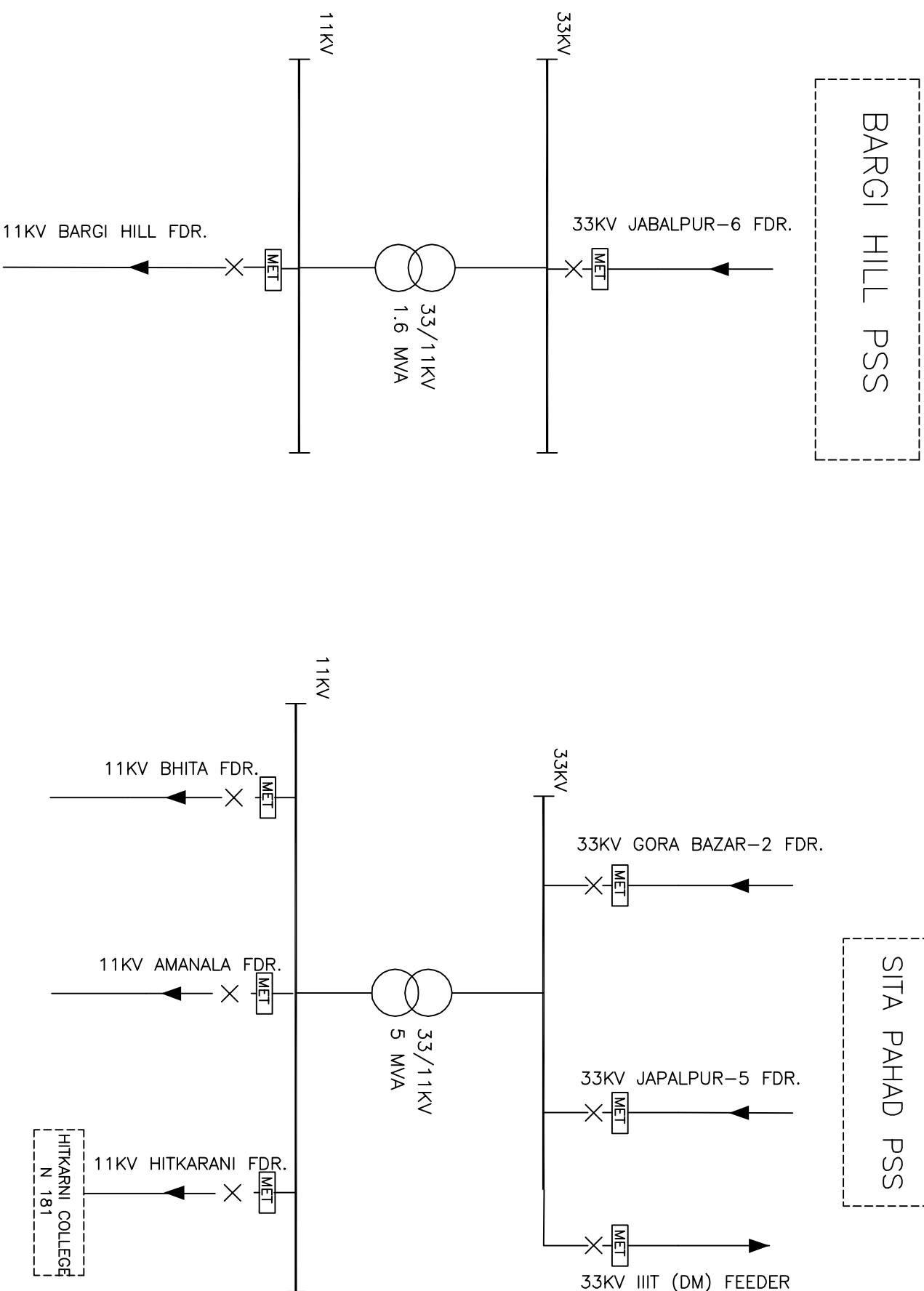
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**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR SOUTH DIVISION UNDER
JABLPUR CITY CIRCLE.**

Drawing No. : MEC/11/O709/TBP/E1/ID/004

No. of Sheets: 06



SOUTH DIVISION



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REGULATORY
COMMISSION
NEW DELHI.



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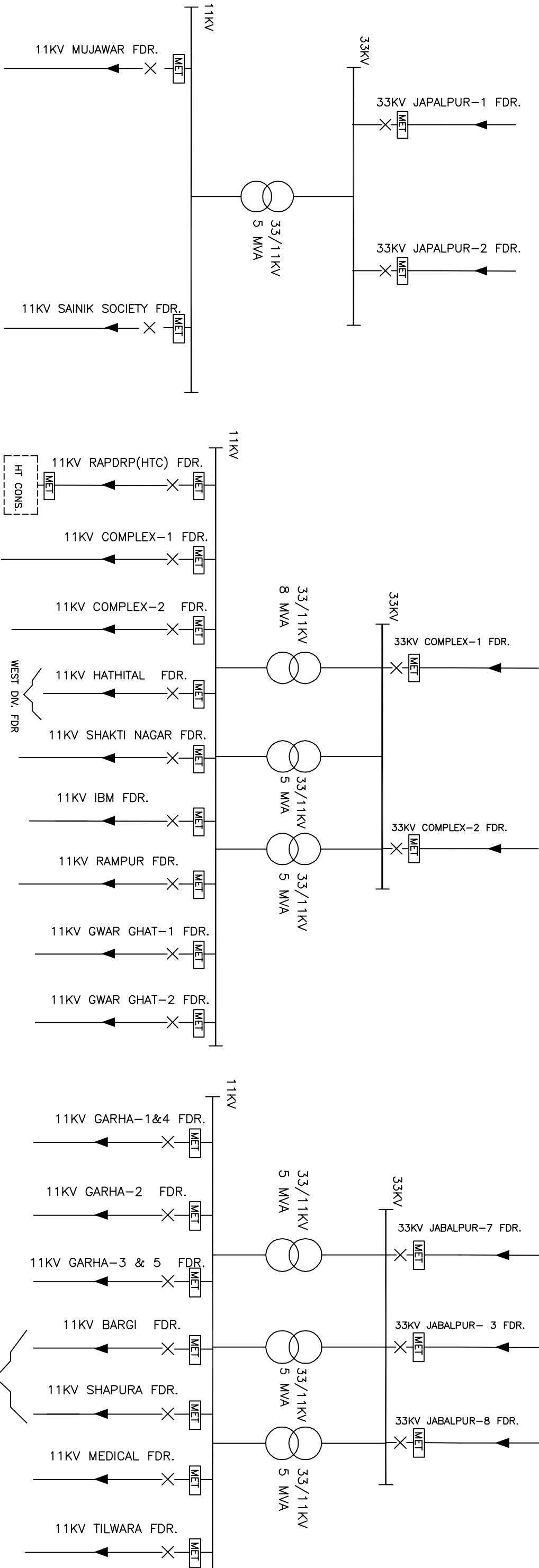
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SOUTH DIVISION

SUPATAL PSS

COMPLEX PSS

MEDICAL PSS



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NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

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MECON LIMITED

SECTION
ELECTRICAL
POWER

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

LOCATION
RANCHI

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR SOUTH DIVISION
UNDER JABALPUR CITY CIRCLE.

DESIGNED
SHAHNAWZ AHMAD

CHECKED
AND
VERIFIED
SHAHNAWZ AHMAD

DRG. NO.

REFERENCES

APPROVED

S.K. CHATTERJEE

SCALE - N.T.S.

DRG.NO.MFC/11/q708/IBP/1A/ID/004

3 OF 6

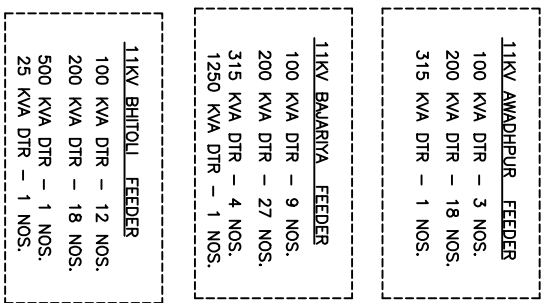
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NOTE: -

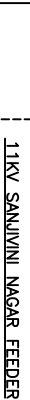
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AND OUR FIELD VISIT.

BHEEM NAGAR PSS



	
POWER FINANCE CORPORATION, NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI.
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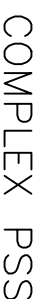
11KV PANDA KI MARIYA FEEDER



100 KVA DTR - 3 NOS.
200 KVA DTR - 11 NOS.
315 KVA DTR - 4 NOS.

BHODLAN GAON S/S	100 KVA	×
BT13,XMER KUMHAR MOHALLA-2	100 KVA	×
BT20,XMER KUMHAR MOHALLA-1	100 KVA	×
GS/13,XMER TANDAN COMP	100 KVA	×
JAUMANA PRASAD KHANNA VILL.	200 KVA	×
PERFECT TOWN S/S	200 KVA	×
RAILWAT S/S	63 KVA	×
SN/57, GULMOHAR PARK S/S	200 KVA	×
XMER BT-1 BT TRIAHA	315 KVA	×
X-MER BT-29/7 NARAYAN NAGAR	200 KVA	×
X-MER BT-7,CHOD BAZARA	315 KVA	×
X-MER GL-1 DURGA SWEET	315 KVA	×
X-MER GL-18 LAL HAVELI	315 KVA	×
X-MER GL-6 GULOUA	315 KVA	×
X-MER GS-10 JANKI VIHAR	200 KVA	×
X-MER SN-1 SANJIVANI NAGAR	315 KVA	×
X-MER SN-39 INCOM TAX	200 KVA	×
X-MER SN-39/10 INCOME TAX	200 KVA	×
X-MER SN-46 SURVEY OF INDIA	200 KVA	×
X-MER SN-70	200 KVA	×
X-MER SN-81/3 90 QTRS.	200 KVA	×
X-MER SN-85 90QTR SAJNOR	200 KVA	×
XMER KHANNA GAON	200 KVA	×
BT-23/2 MARWAH TIMBER	100 KVA	×
DR ASHA NAMDEV SN-46	200 KVA	×

11KV SHAKTI NAGAR FEEDER



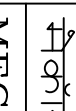
MECON LIMITED

SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSSES FOR MADHYA PRADESH.
LOCATION	RANCHI	

DESIGNED	SHAHNAWAZ AHMAD
DRAWN	N.F.MOHANTY
CHECKED	SHAHNAWAZ AHMAD

33KV POWER INTERCONNECTION DIAGRAM
 UPTO DTR POINT
 FOR SOUTH DIVISION

3	APPROVED	S.K. CHATURJE	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH. 33KV POWER INTERCONNECTION DIAGRAM UPTO DDP POINT FOR SOUTH DIVISION UNDER JABALPUR CITY CIRCLE. SCALE - N.T.S. DATE: 06/JUL/2008 /BSP/BJ/ED/004			
2			SHEET	N	OF	1
1						
	DESIGNED	N. K. BHARGAVA				
	DRAWN	N. K. BHARGAVA				
	CHECKED	SHARMA ANAND				
	VERIFIED	SHARMA ANAND				
	LOCATION	RAJNAGAR				
	SECTION	ELCTRICIAL				

																			
POWER FINANCE CORPORATION. NEW DELHI.										CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.									
																			
MECON LIMITED										MECON LIMITED									

SECTION ELECTRICAL POWER LOCATION RANCHI DESIGNED N.E. MOHANTY DRAWN N.E. MOHANTY CHECKED SHARIF MOHAMMAD AND VERIFIED APPROVED S.K. CHATTERJEE DRO. NO. MB/11/9709/JBF/25/ID/004										ASSIGNMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH 39KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR SOUTH DIVISION UNDER JABALPUR CITY CIRCLE. SCALE - N.T.S. DRO. NO. MB/11/9709/JBF/25/ID/004									
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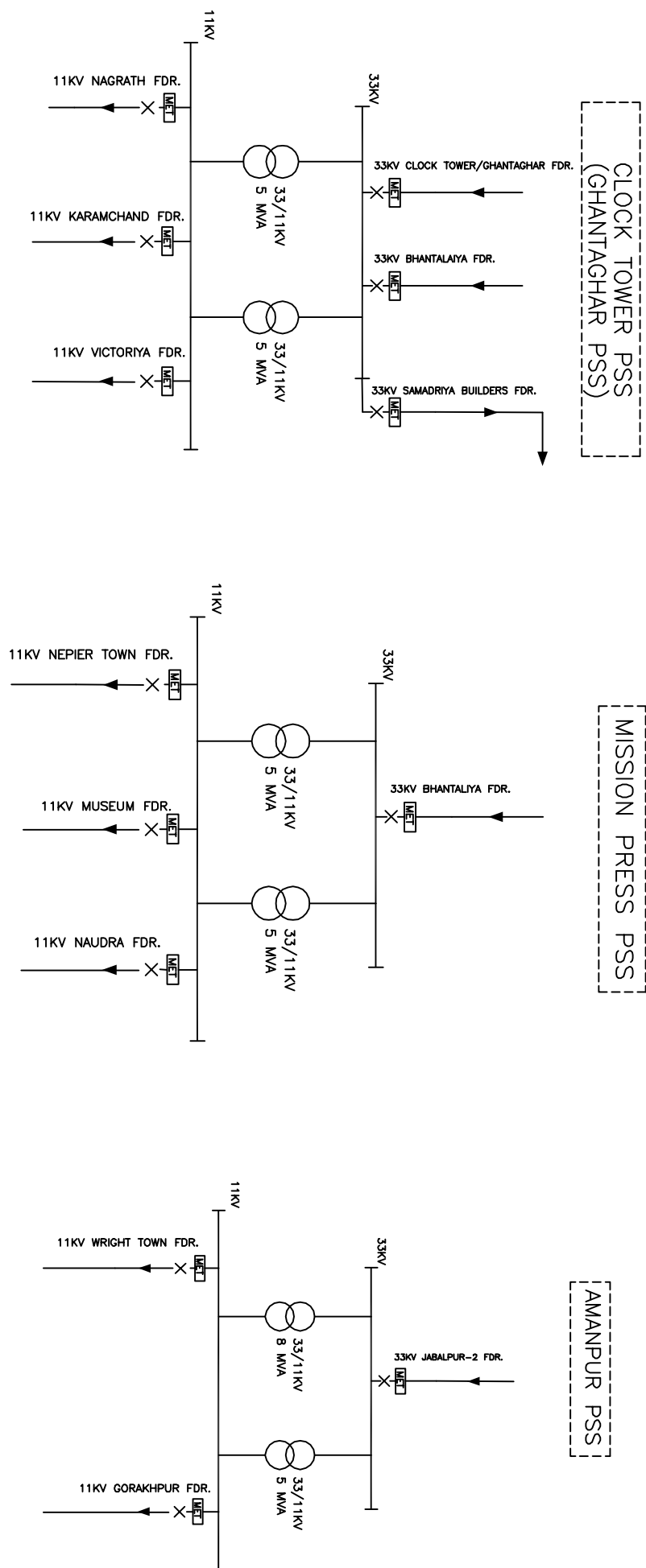
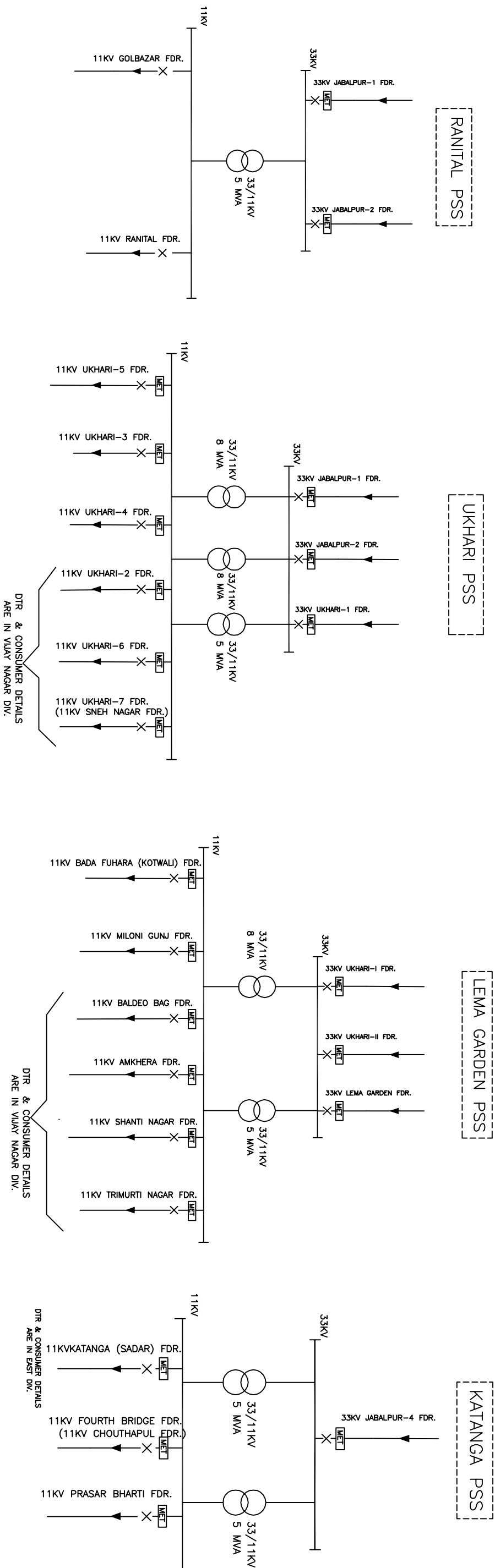
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DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR WEST DIVISION UNDER
JABALPUR CITY CIRCLE.**

Drawing No. : MEC/11/O709/TBP/E1/ID/005

No. of Sheets: 03

WEST DIVISION

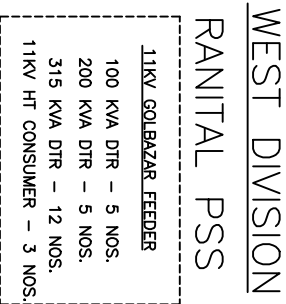
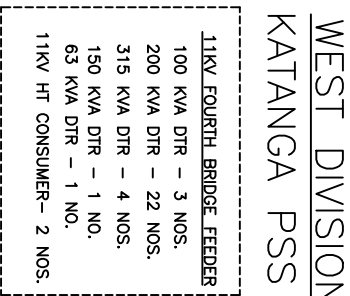
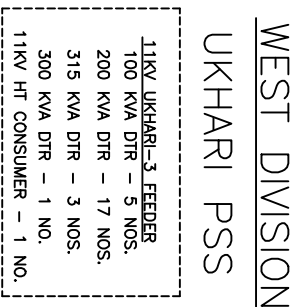
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MISSION PRESS PSS

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		POWER FINANCE CORPORATION. NEW DELHI.	REGULATORY COMMISSION. NEW DELHI.
SECTION LOCATION DESIGNED DRAWN CHECKED AND VERIFIED	ELECTRICAL POWER RANCHI N.E. RAJAN S. RAJAN S. RAJAN S. RAJAN S. RAJAN	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	33KV POWER INTERCONNECTION DIAGRAM UP TO DTR POINT FOR WEST DIVISION UNDER JABALPUR CITY CIRCLE.
APPROVED S.K. CHATEKAR	SCALE - N.T.S. DNG.NO.MRC/11/9709/18P/25/10/005	SHEET 3 OF 3	REV. 0








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SECTION	ELECTRICAL	MECON LIMITED	
LOCATION	POWER		
RAUNCH	ASSESSMENT OF COMPONENT WISE ATTC LOSS FOR MADHYA PRADESH.		

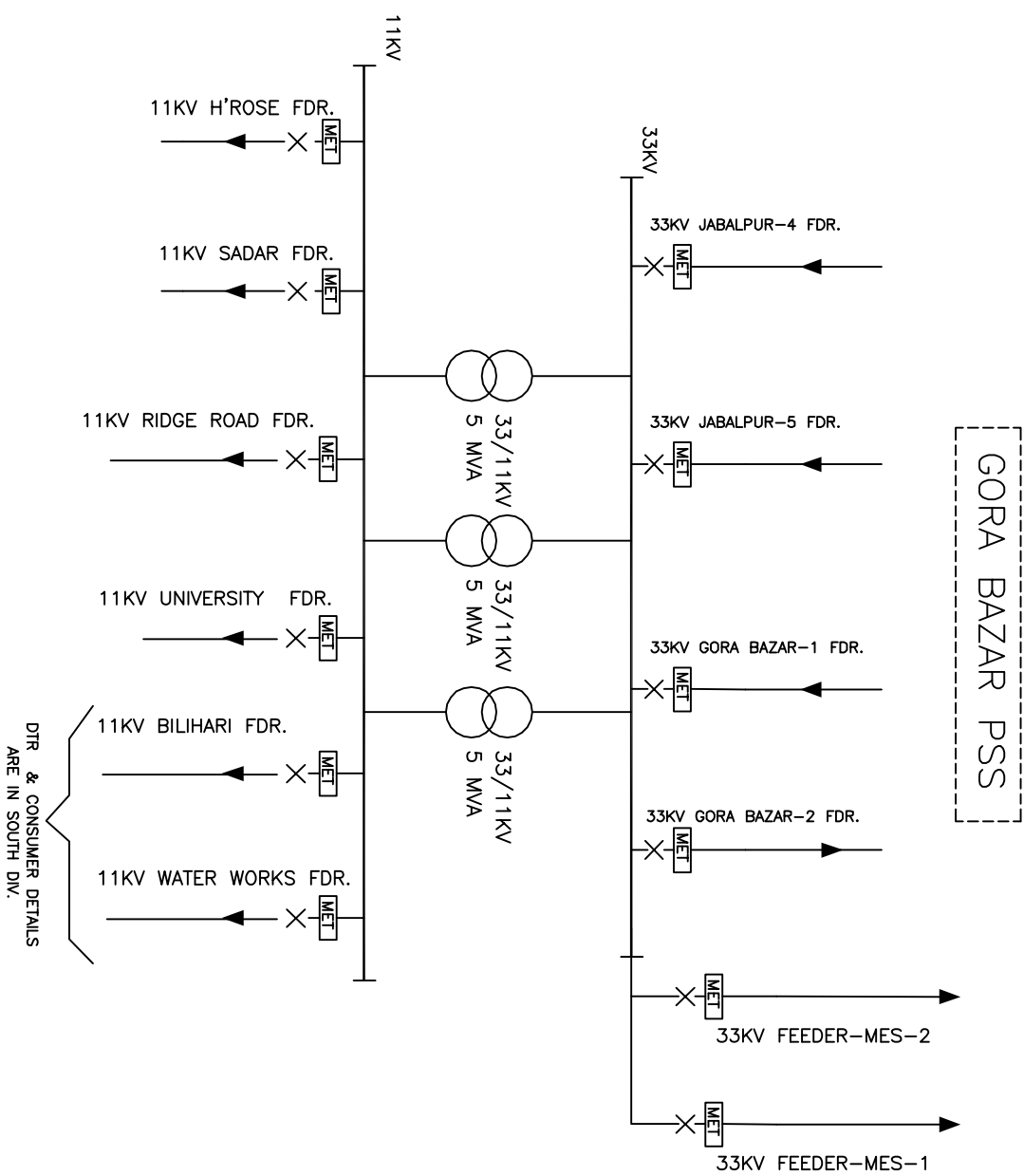
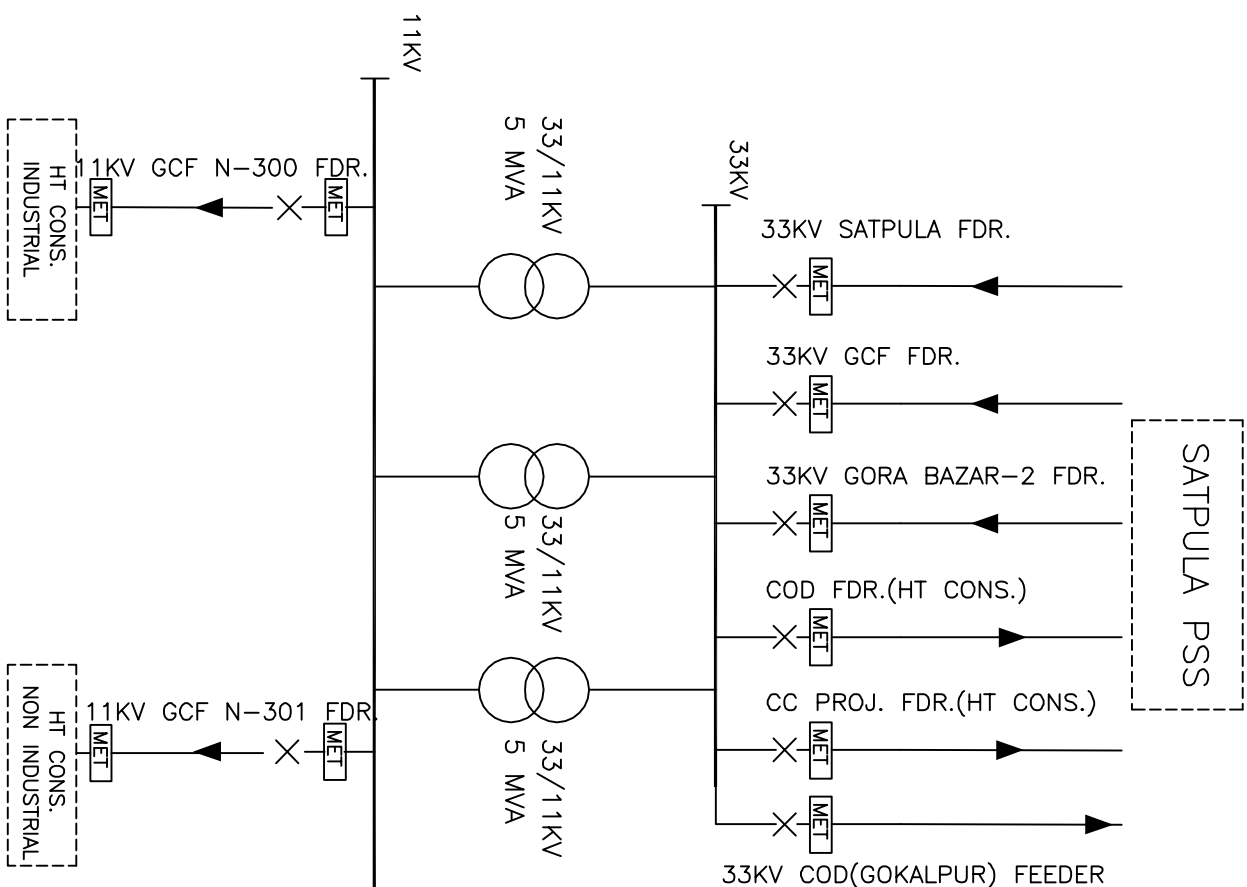
महाराष्ट्र माहिती आयोग
ECON LIMITED
ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH

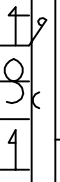
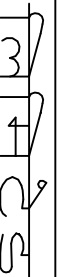
DRAWING DESCRIPTION. :
**'33KV INTERCONNECTION DIAGRAM AND
33KV CONSUMER OF JABALPUR CITY CIRCLE.**

Drawing No. : MEC/11/O709/TBP/E1/ID/006

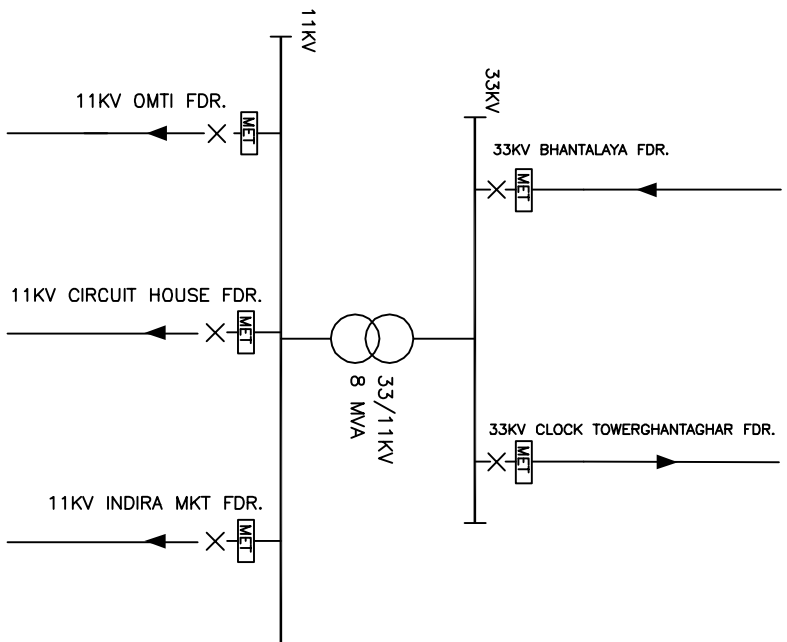
No. of Sheets: 04

EAST DIVISION

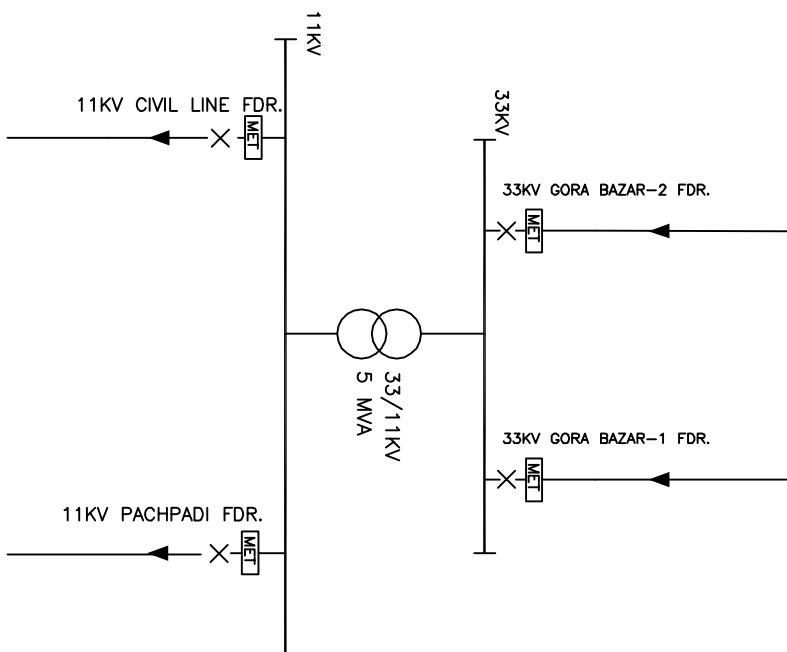
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POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
			
MECON LIMITED			
SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION	RANCHI		
DESIGNED	N.R.RANCHANTY SHANMUKH AHMAD	33KV POWER INTERCONNECTION DIAGRAM	
DRAWN	N.R.RANCHANTY SHANMUKH AHMAD	UPTO DTR POINT	
CHECKED		FOR EAST DIVISION	
AND			
VERIFIED	SAMIR MONDAL	UNDER JABALPUR CITY CIRCLE.	
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S.	SHEET REV.
		DRG.NO.MEC/11/9709/IBP/EL/ID/006	1 OF 4 0
3		2	1

POWER HOUSE PSS

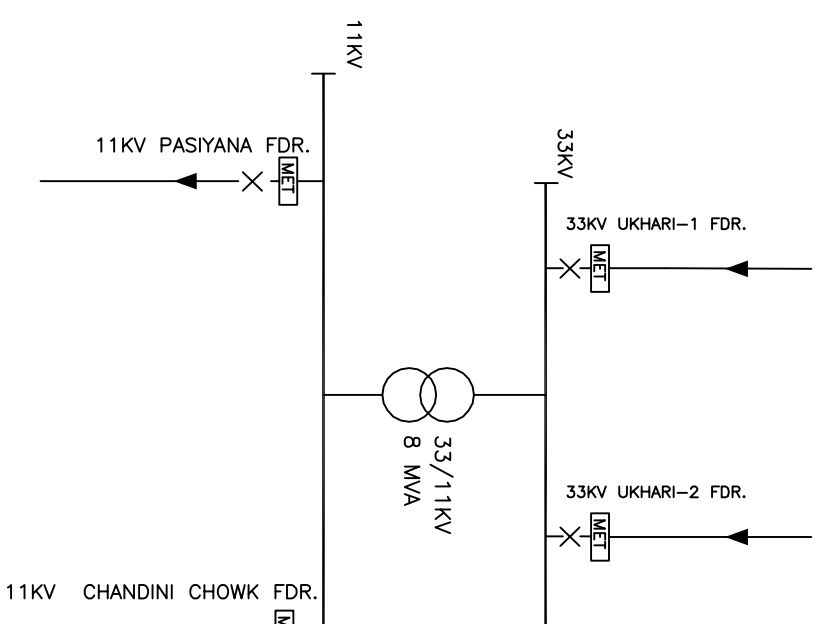


SAI NATH PSS

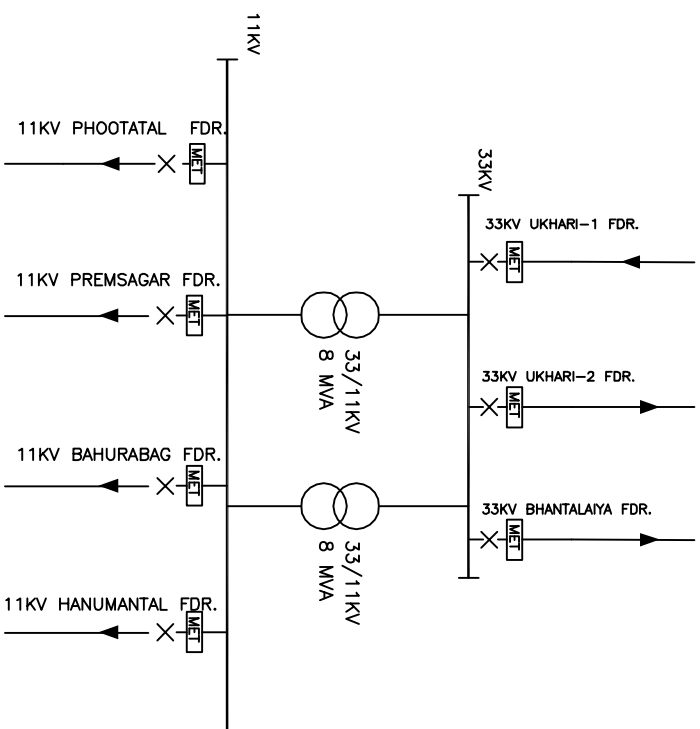


EAST DIVISION
 GOHALPUR PSS

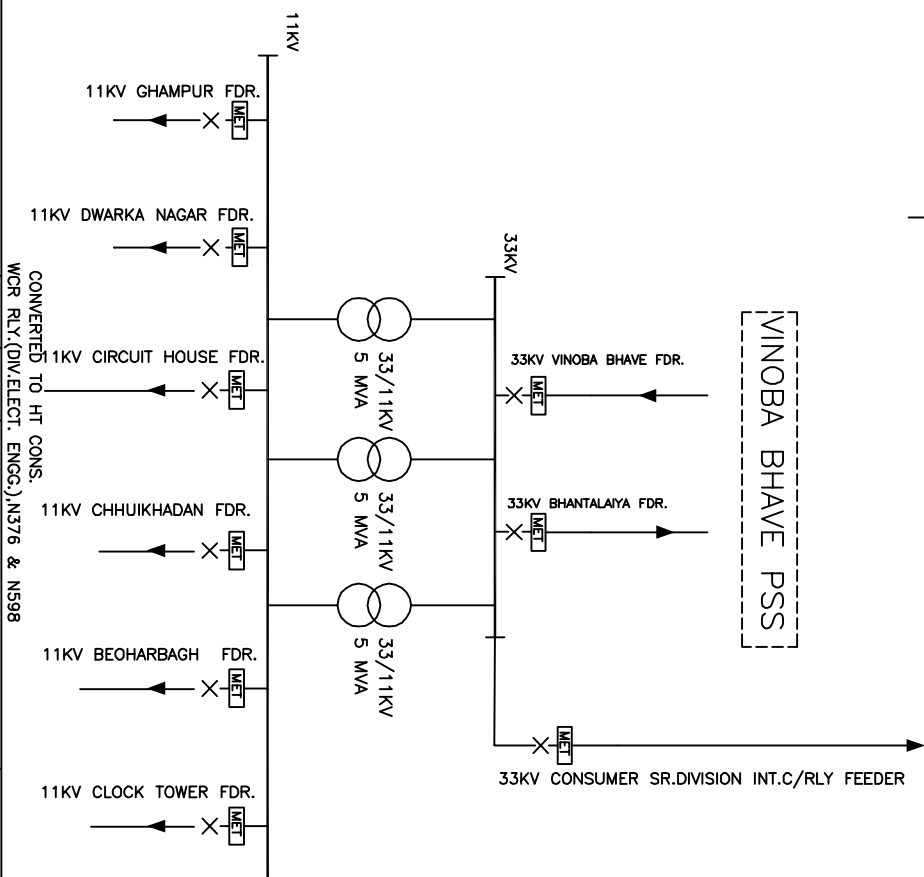
GOHALPUR PSS



BAHANTALAIYA PSS



INNOVATIVE BHAVE PSS

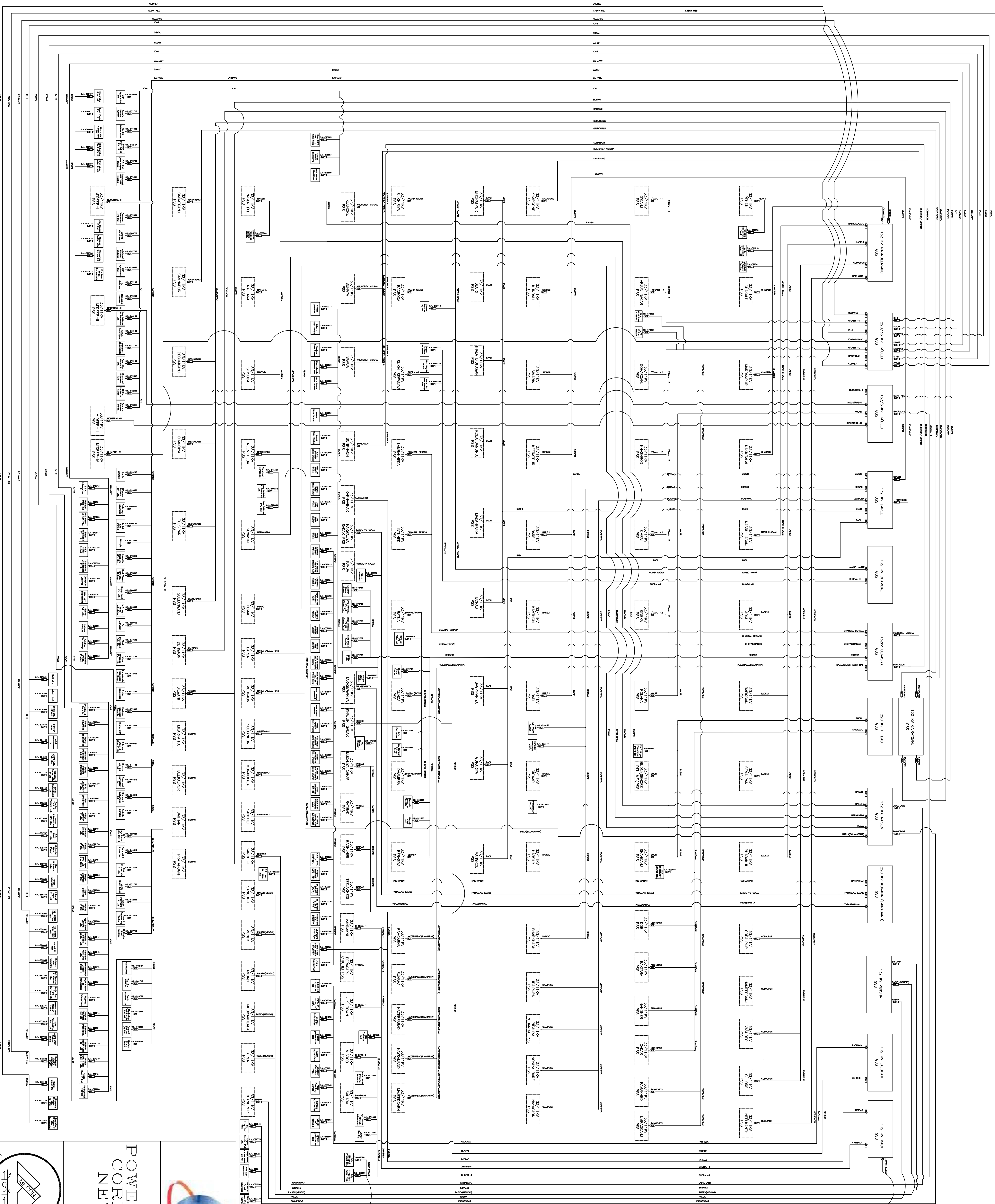
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**DRAWINGS AND DIAGRAMS
OF
BHOPAL O&M CIRCLE**

DRAWING DESCRIPTION. :
33KV INTERCONNECTION DIAGRAM AND
33KV CONSUMER OF BHOPAL O&M CIRCLE.

Drawing No. : MEC/11/O709/BHP/E1/ID/001

No. of Sheets: 01



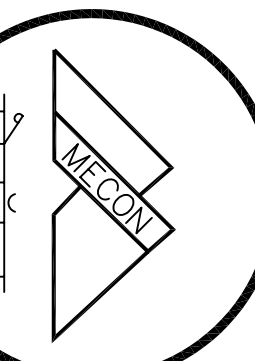
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NOTE:-
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RECEIVED FROM DISCOM FOR SELECTED CIRCLE
AND OUR FIELD VISIT.

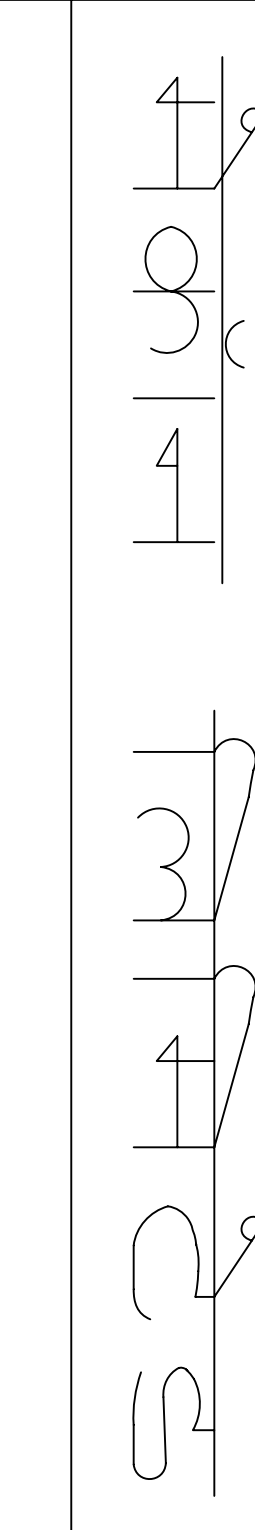
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SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
LOCATION	RANCHI	
DESIGNED	N.R.MOHANTY	
DRAWN	N.R.MOHANTY	
CHECKED	SHAHNAWAZ AHMAD	
AND VERIFIED	SAMIR MONDAL	
APPROVED	S.K. CHATTERJEE	
SCALE	— N.T.S.	
DRG.NO.MEC/11/4709 /BHP/EL/ID./001		



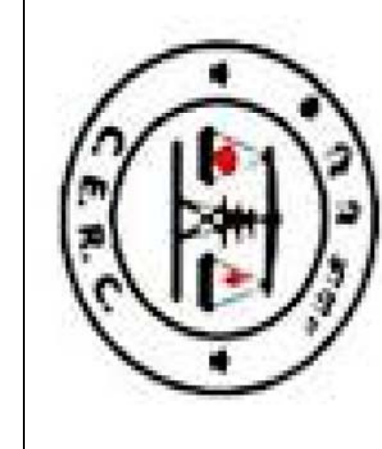
3001 COMPANY



MECON LIMITED



POWER FINANCE CORPORATION.
NEW DELHI.



CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

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1 OF 1	0

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR NASRULLAGANJ DIVISION
UNDER BHOPAL O&M CIRCLE.**

Drawing No. : MEC/11/O709/BHP/E1/ID/002

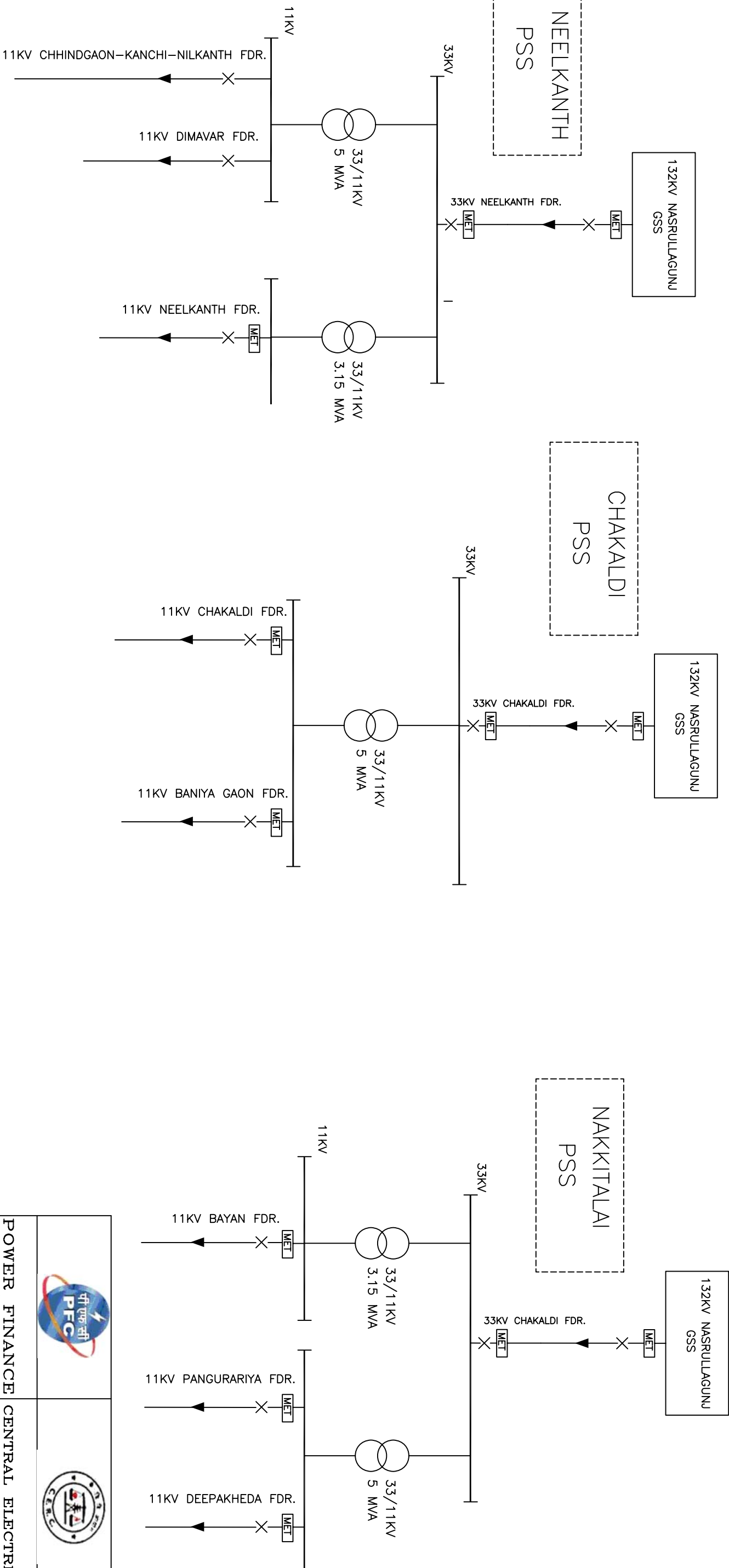
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NEELKANTH PSS

NASRULLAGUNJ – (CHAKALDI PSS)

NASRULLAGUNJ - (NAKITALAI PSS)

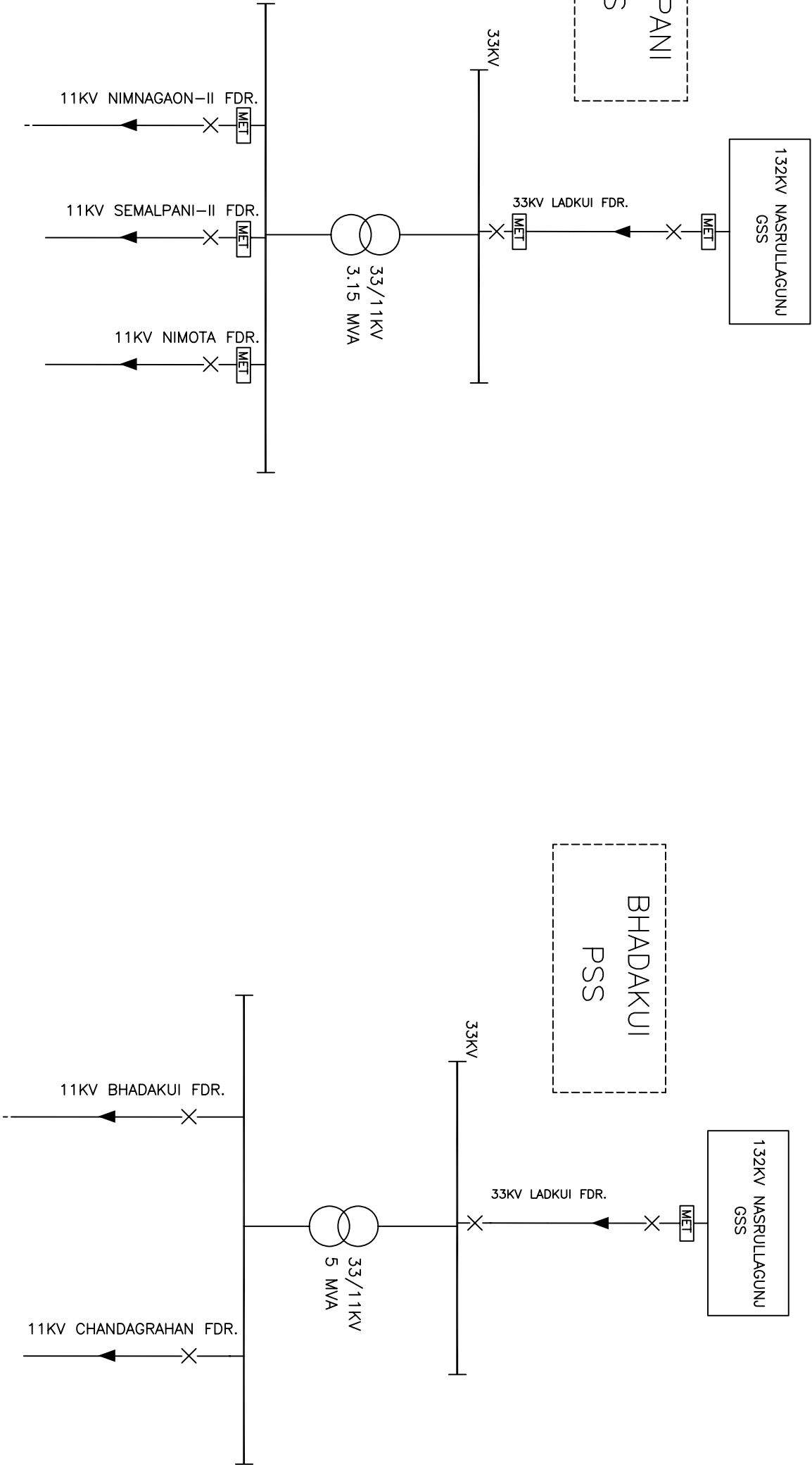
NASRULLAGANJ DIVISION

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POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
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MECON LIMITED			
SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION	RANCHI		
DESIGNED	N.R.MOHANTY SHANMUKH AHMAD		
DRAWN	N.R.MOHANTY SHANMUKH AHMAD	33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR NASRULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.	
CHECKED AND VERIFIED	SAMIR MONDAL		
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S.	SHEET 2 OF 11
		DWG. NO. MEC/11/9709/BPL/EL/ID/002	REV. 0

NASRULLAGUNJ – (SEMALPANI PSS)

NASRULLAGUNJ – (BHADAKUI PSS)



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			SECTION		
			ELECTRICAL POWER		
			LOCATION		
			DESIGNED		
			DRAWN		
			CHECKED AND VERIFIED		
			S.M.R MONDAL		
			APPROVED		
			S.K. CHATTERJEE		
			SCALE – N.T.S.		
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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.



MECON LIMITED

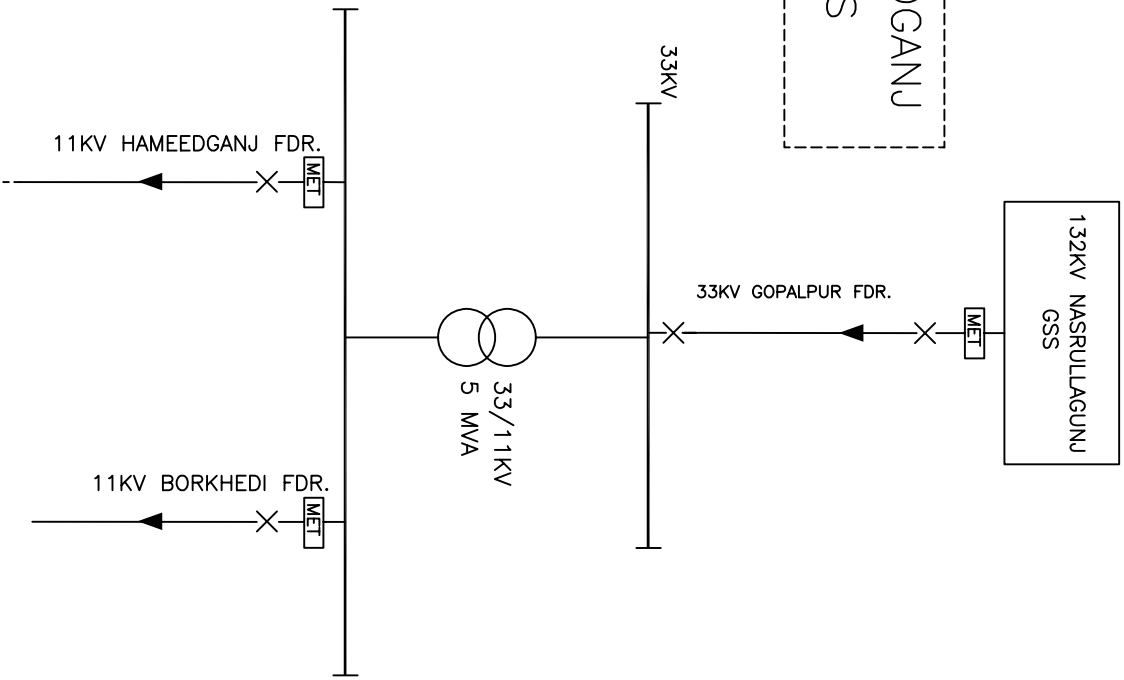
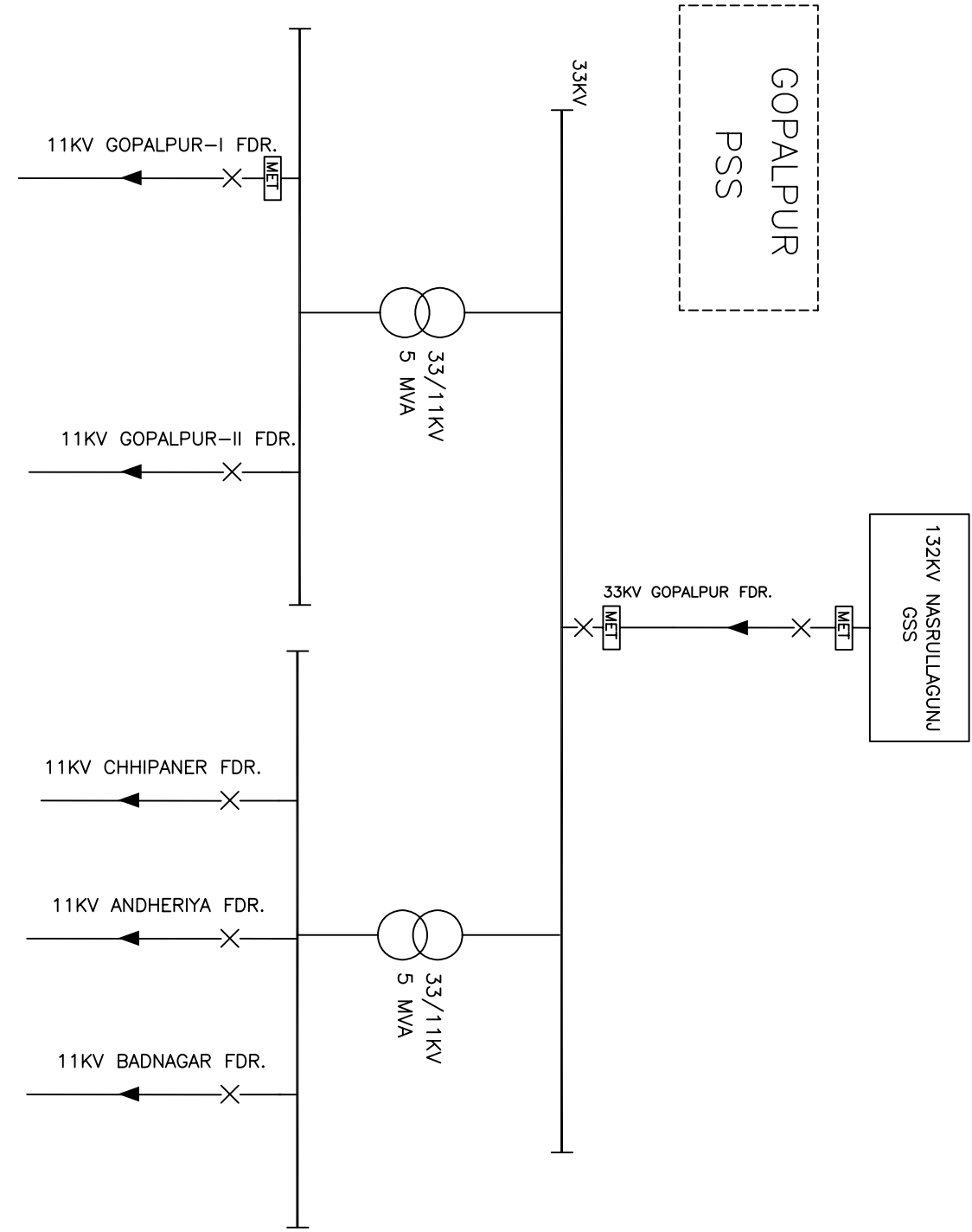
ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR NASRULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.

NASRULLAGUNJ – (GOPALPUR PSS)

NASRULLAGUNJ – (HAMEEDGANJ PSS)

NASRULLAGANJ DIVISION



NOTE: -									
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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

SECTION

ELECTRICAL POWER

LOCATION

RANCHI

DESIGNED

N.R.MOHANTY

DRAWN

N.R.MOHANTY

CHECKED AND VERIFIED

SHAHNAWZ AHMAD

SMAR MONDAL

APPROVED

S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR NASRULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

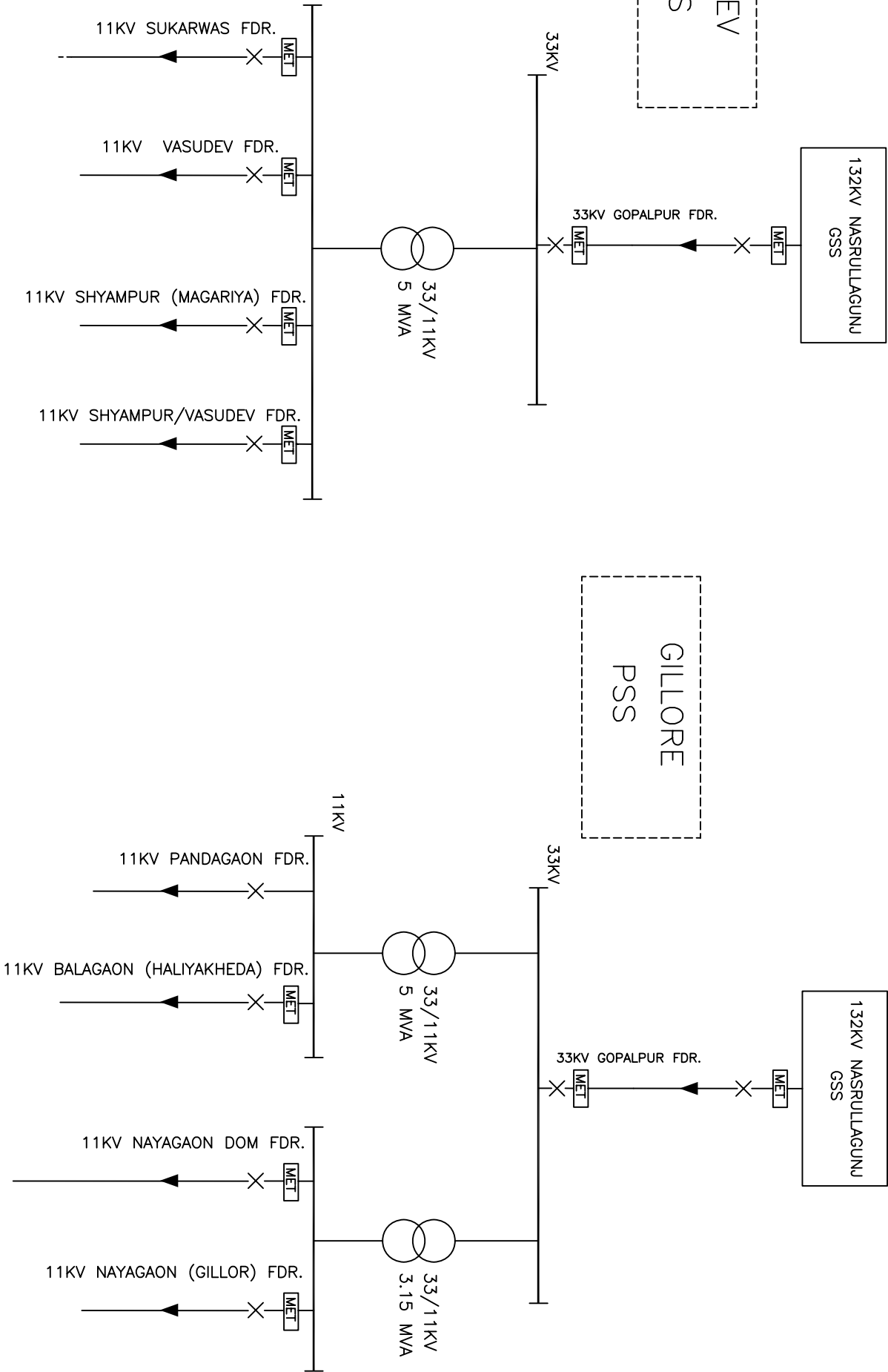
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SHEET 5 OF 11

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NASRULLAGUNJ – (VASUDEV PSS)

NASRULLAGUNJ – (GILLORE PSS)



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REVISIONS			DESCRIPTION	BY	VERIFIED				

SECTION		ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.
LOCATION		RANCHI	
DESIGNED		N.R.MOHANTY	33KV POWER INTERCONNECTION DIAGRAM
DRAWN		SHAHANWAZ AHMAD	UPTO DTR POINT
CHECKED AND VERIFIED		SHAHANWAZ AHMAD	FOR NASRULLAGANJ DIVISION
S.AMR MONDAL			UNDER BHOPAL O&M CIRCLE.
SCALE - N.T.S.			
DRG.NO.MRC/11/q709/BPL/EL/ID/002			
APPROVED	S.K. CHATTERJEE		SHEET 6 OF 11
			REV. 0



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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

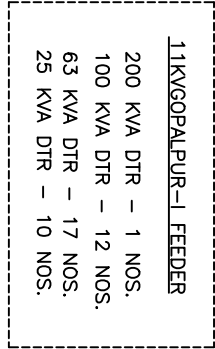
MECON LIMITED



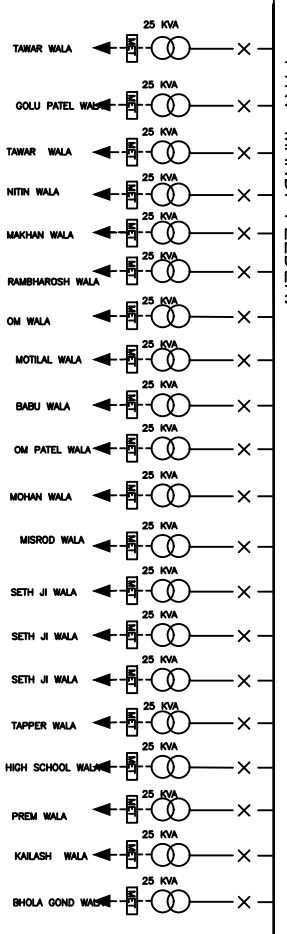
	मेकॉन लिमिटेड MECON LIMITED

SECTION	ELECTRICAL POWER RANCH	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHVA PRADISE.
LOCATION	NASIRABADI ROAD	33KV POWER INTERCONNECTION DIAGRAM
DESIGNED	S.K. CHATTERJEE	UPTO DTR POINT
DRAWN	S.N. KARMAYAKI	FOR NASIRABADI DIVISION
CHECKED	SHANMUGA ANAND	UNDER BHOPAL O&M CIRCLE.
VERIFIED AND SIGNED	SAUR MOHAL	
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S. DRA. NO. BPC/ AL/ Q7009 / BE/L/ RI/ TB/ 006 2 1
		SHEET REV. 11 OF 11 0

NASRULLAGANJ DIVISION



11KV-MANDI FEEDER.

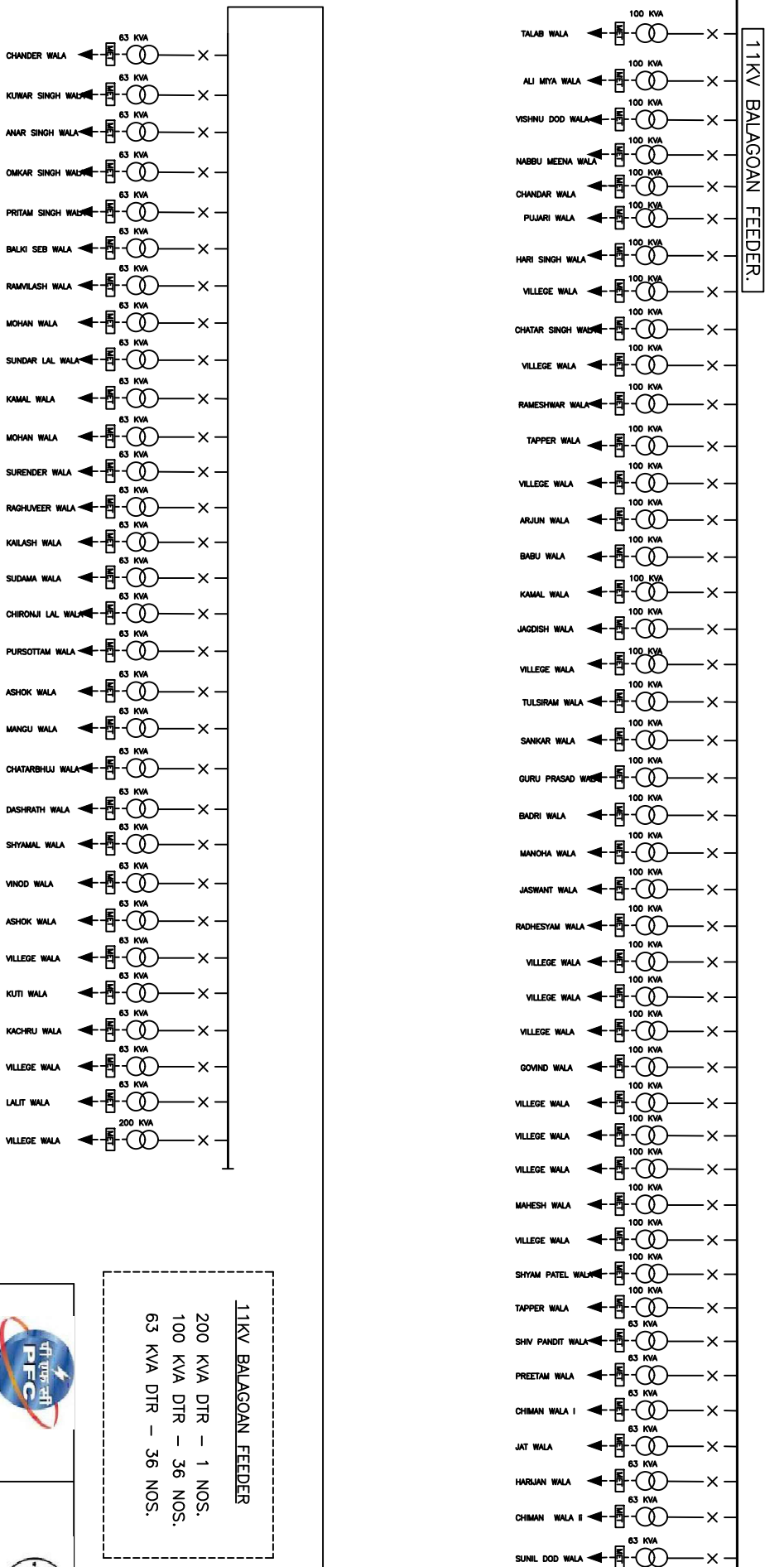


11KV MANDI FEEDER

25 KVA DTR - 20 NOS.

	
POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
	MECON LIMITED

NASRULLAGANJ DIVISION
NASRULLAGANJ PSS



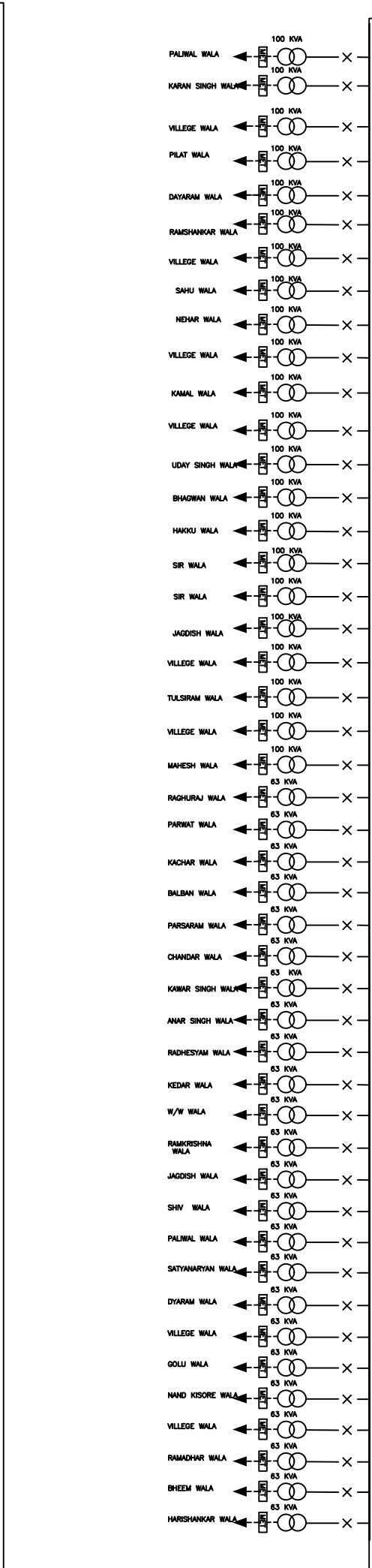
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REV. NO.										DATE									
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REVISIONS										THIS DRAWING IS THE PROPERTY OF MECON AND IS ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON.									
SECTION										ELECTRICAL									
LOCATION										RANCH									
DESIGNED										N. S. SINGH									
DRAWN										N. S. SINGH									
CHECKED										S. K. CHATBAE									
VERIFIED										S. K. CHATBAE									
APPROVED										S. K. CHATBAE									
SCALE - N.T.S.										33KV POWER INTERCONNECTION DIAGRAM UP TO DTR POINT FOR NASRULLAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.									
SHEET										REV.									
06 OF 11										0									

POWER FINANCE CORPORATION.
NEW DELHI.

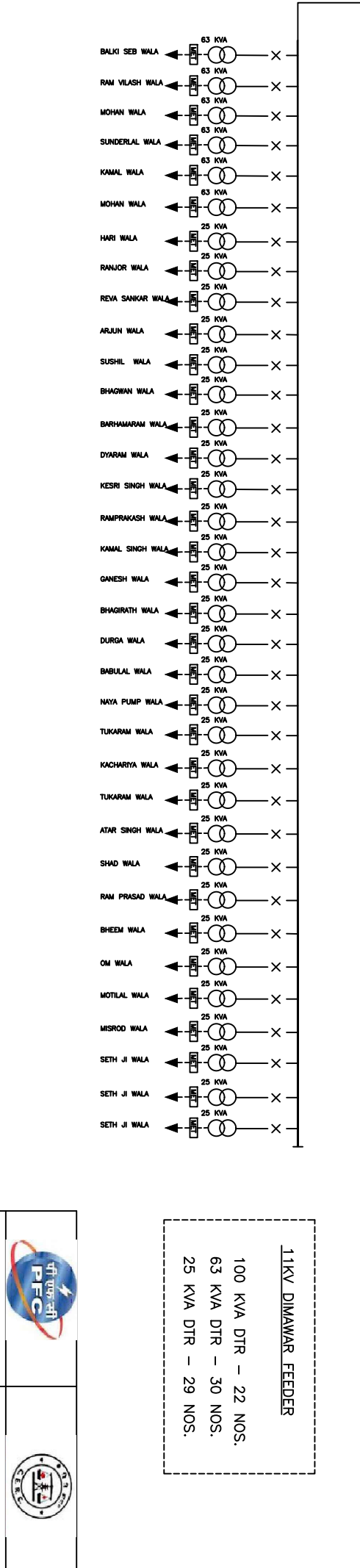
CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

MECON LIMITED

11KV-DIMAVAR FEEDER.



100 KVA DTR – 22 NOS.
63 KVA DTR – 30 NOS.
25 KVA DTR – 29 NOS.



NEW DELHI.

MECON LIMITED

**33KV POWER INTERCONNECTION DIS
UPTO DTR POINT
FOR NASRULLAGANI DIVISION**

UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

DRG.NO.MEC/11/Q709/BPL/EI/ID/002

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RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD
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REFERENCES	DRG.
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MECON LIMITED

**ASSESSMENT OF COMPONENT WISE A
FOR MADHYA PRADESH.**

**33KV POWER INTERCONNECTION DIS
UPTO DTR POINT
FOR NASRULLAGANI DIVISION**

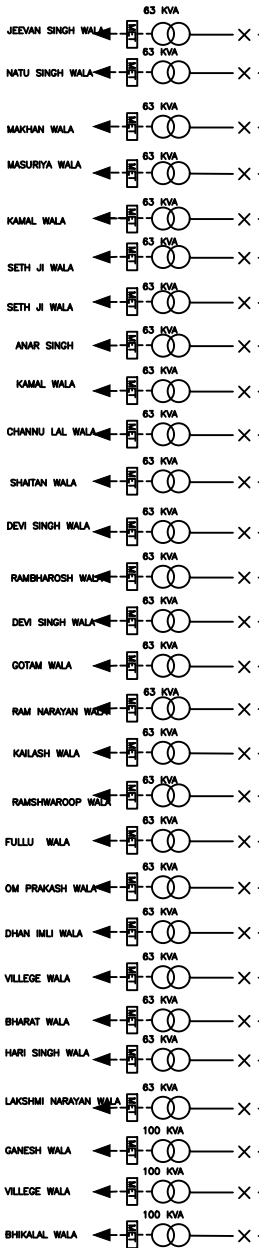
UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

DRG.NO.MEC/11/9709/BPL/EI/ID/002

NASRULLAGANJ DIVISION
NEELKANTH PSS

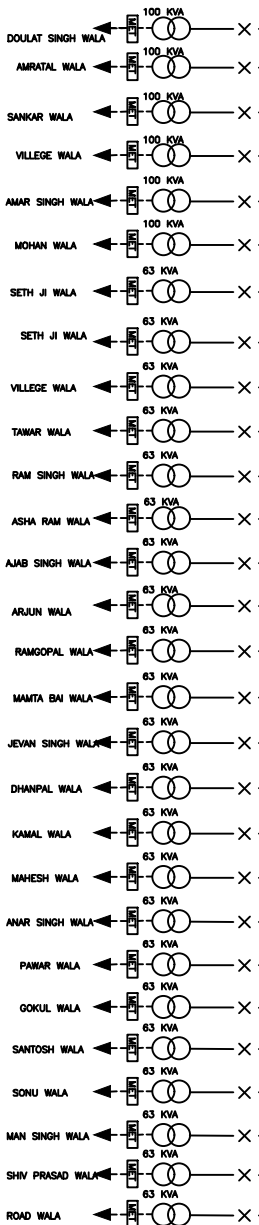
11KV-CHINDGAON-KANCHI FEEDER.



100 KVA DTR - 3 NOS.
63 KVA DTR - 25 NOS.

NASRULLAGANJ DIVISION
NASRULLAGANJ PSS

11KV-BORKHEDI FEEDER.



11KV BORKHEDI FEEDER
100 KVA DTR - 6 NOS.
63 KVA DTR - 22 NOS.

NOTE:- THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.									
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POWER FINANCE CORPORATION LIMITED
NEW DELHI.



CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI.



MECON LIMITED

33KV POWER INTERCONNECTION DIAGRAM
UPRO DTR POINT
FOR NASRULLAGANJ DIVISION
UNDER BHOPAL O&M CIRCLE.

SECTION ELECTRICAL
LOCATION RANCHI
DESIGNED N. RAJAGANY
DRAWN SHANUWAZ AHMAD
CHECKED SAIRI MONDAL
VERIFIED

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

APPROVED S.K. CHATTERJEE

SCALE - N.T.S.
DRG. NO. JMC/11/9709/BEU/BI/02/002

SHEET 07 OF 11

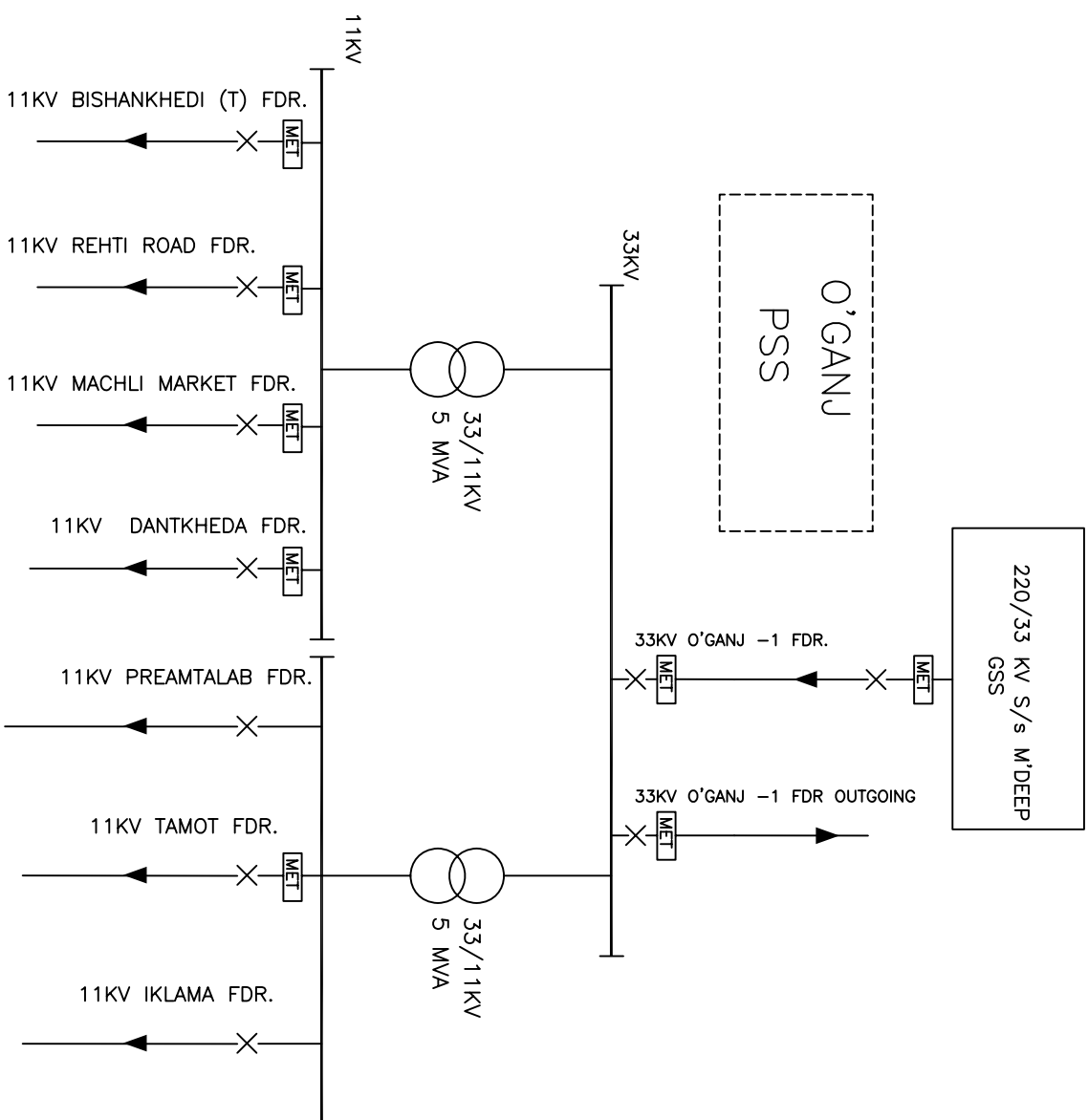
REV. 0

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR OBEDULLAGNJ DIVISION
UNDER BHOPAL O&M CIRCLE.**

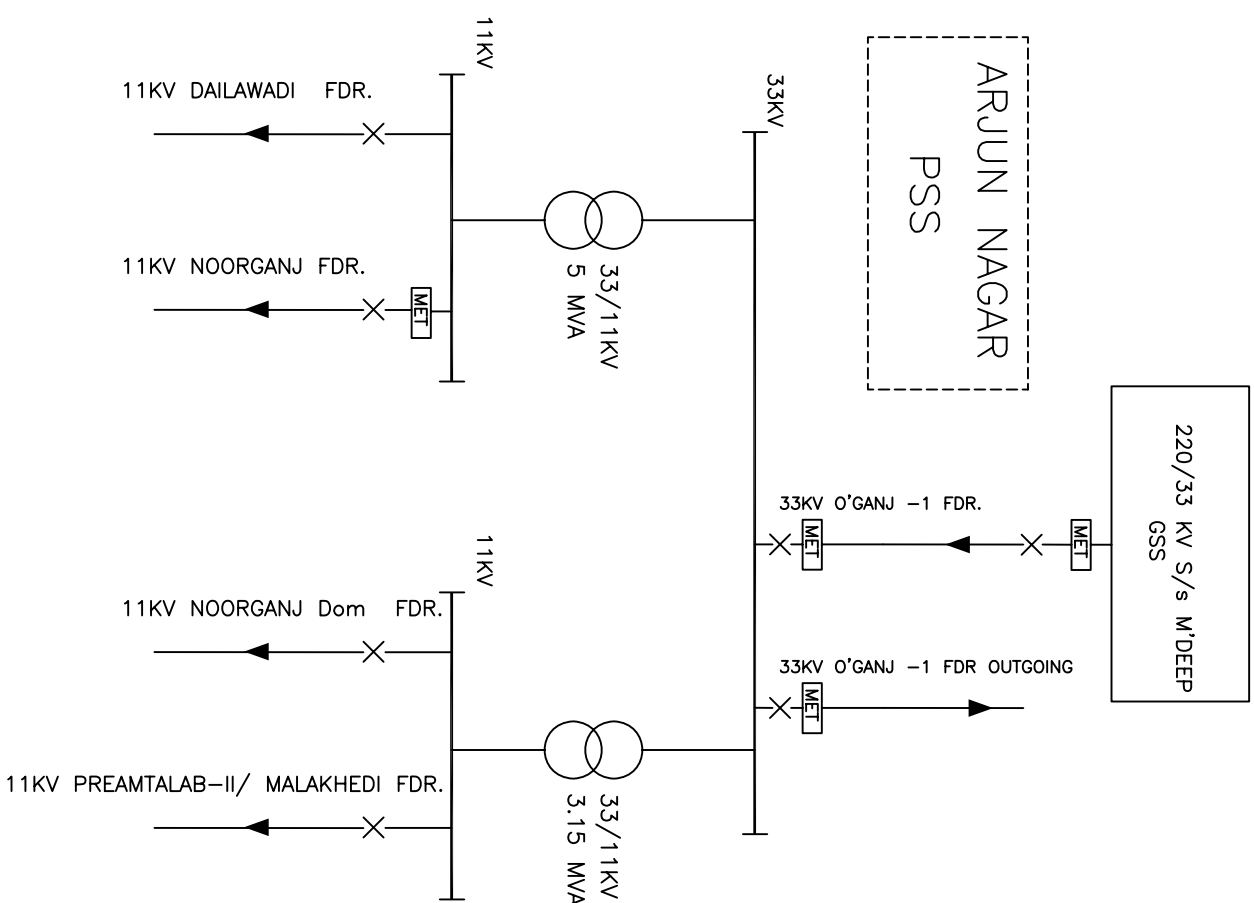
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No. of Sheets: 10

O'GANJ PSS



ARJUN NAGAR PSS



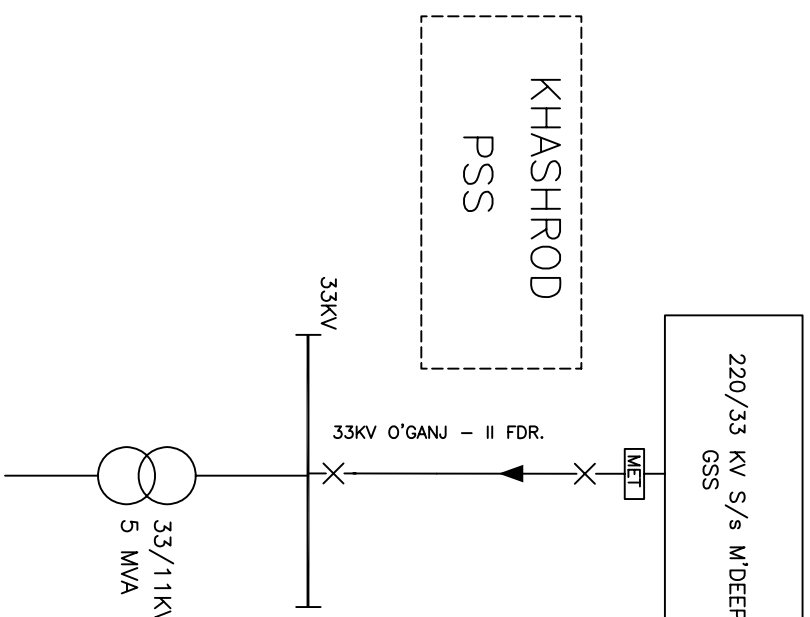
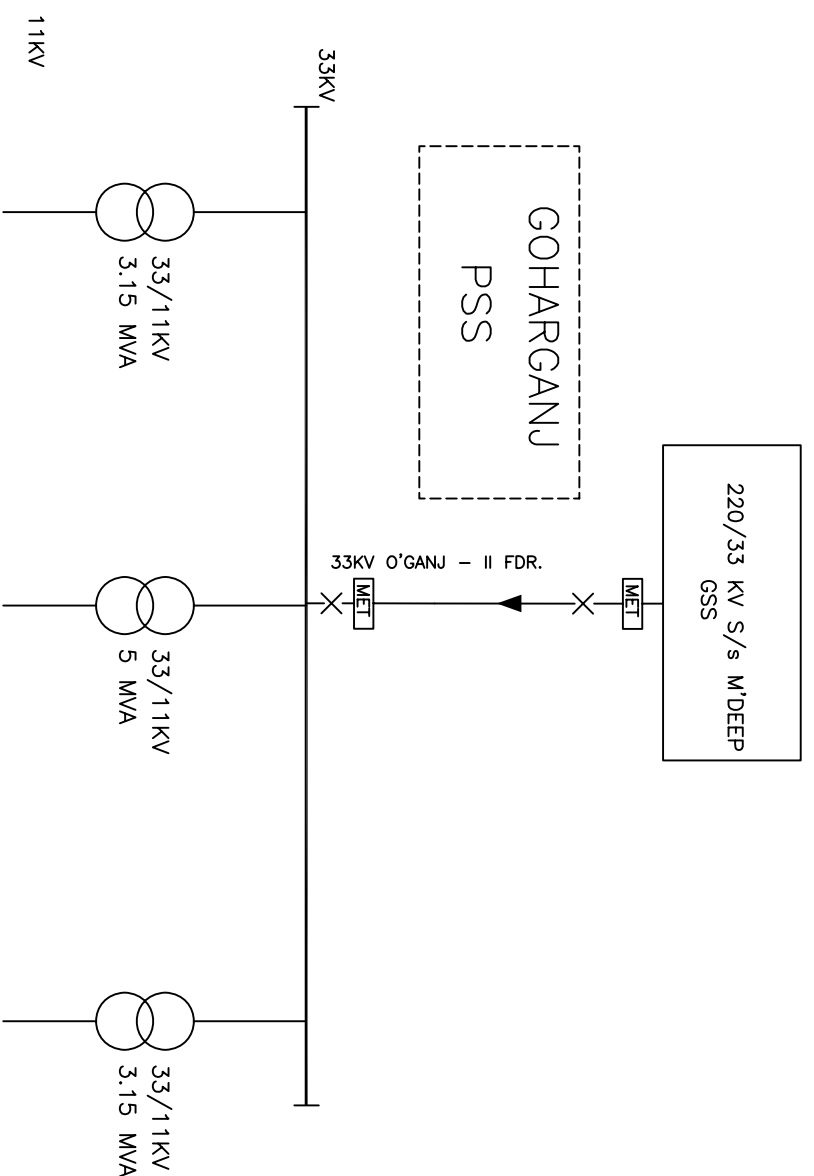
OBEDULLAGANJ DIVISION

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POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.										
 ४० १०१ COMPANY	मोहता मीमिदेस MECON LIMITED										
<table border="1"> <tr> <td>SECTION</td> <td>ELECTRICAL POWER</td> </tr> <tr> <td>LOCATION</td> <td>RANCHI</td> </tr> <tr> <td>DESIGNED</td> <td>N.R.MOHANTY SHAHANAWZ AHMAD</td> </tr> <tr> <td>DRAWN</td> <td>N.R.MOHANTY SHAHANAWZ AHMAD</td> </tr> <tr> <td>CHECKED AND VERIFIED</td> <td>SAMIR MONDAL</td> </tr> </table>	SECTION	ELECTRICAL POWER	LOCATION	RANCHI	DESIGNED	N.R.MOHANTY SHAHANAWZ AHMAD	DRAWN	N.R.MOHANTY SHAHANAWZ AHMAD	CHECKED AND VERIFIED	SAMIR MONDAL	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH. 33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR OBDULAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.
SECTION	ELECTRICAL POWER										
LOCATION	RANCHI										
DESIGNED	N.R.MOHANTY SHAHANAWZ AHMAD										
DRAWN	N.R.MOHANTY SHAHANAWZ AHMAD										
CHECKED AND VERIFIED	SAMIR MONDAL										
APPROVED S.K. CHATTERJEE	SCALE - N.T.S. DRG. NO. MEC/11/9708/BPL/EL/ID/003 <table border="1"> <tr> <td>SHEET</td> <td>REV.</td> </tr> <tr> <td>1 OF 10</td> <td>0</td> </tr> </table>	SHEET	REV.	1 OF 10	0						
SHEET	REV.										
1 OF 10	0										

GOHARGANJ PSS

KHASHROD PSS

OBEDULLAGANJ DIVISION

POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION

REGULATORY
COMMISSION.
NEW DELHI.


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MECON LIMITED

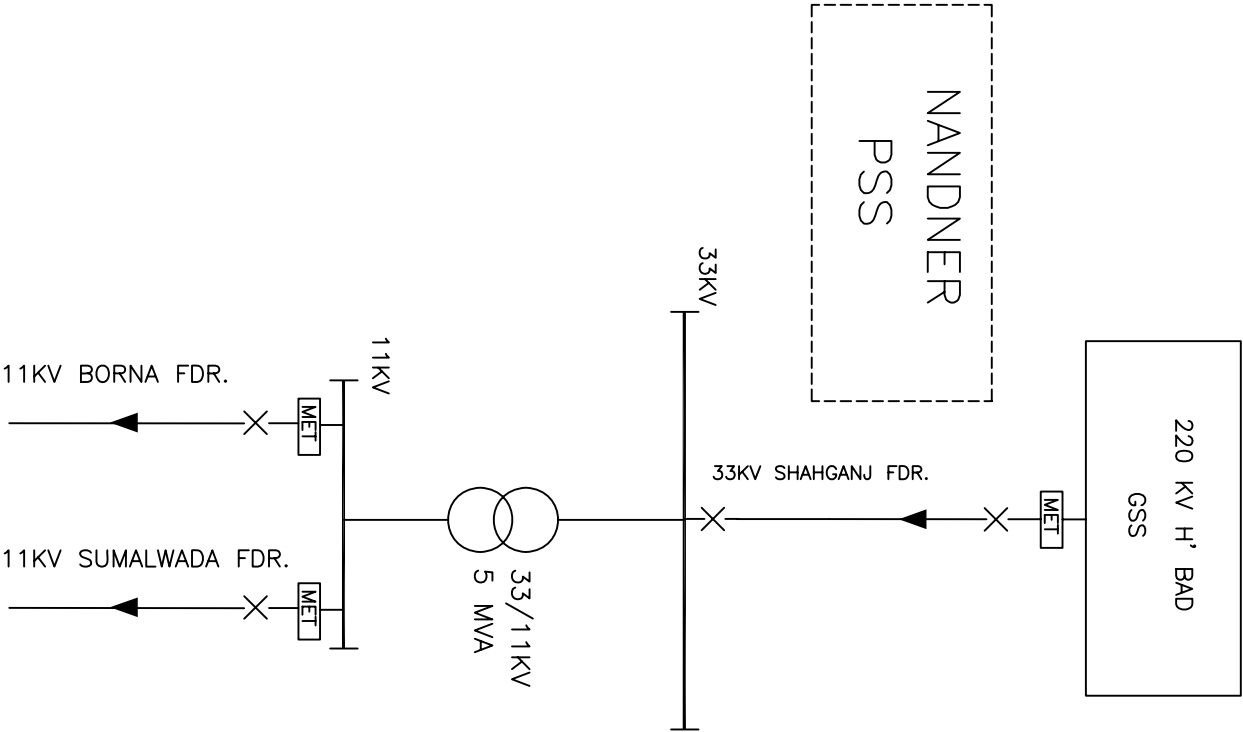
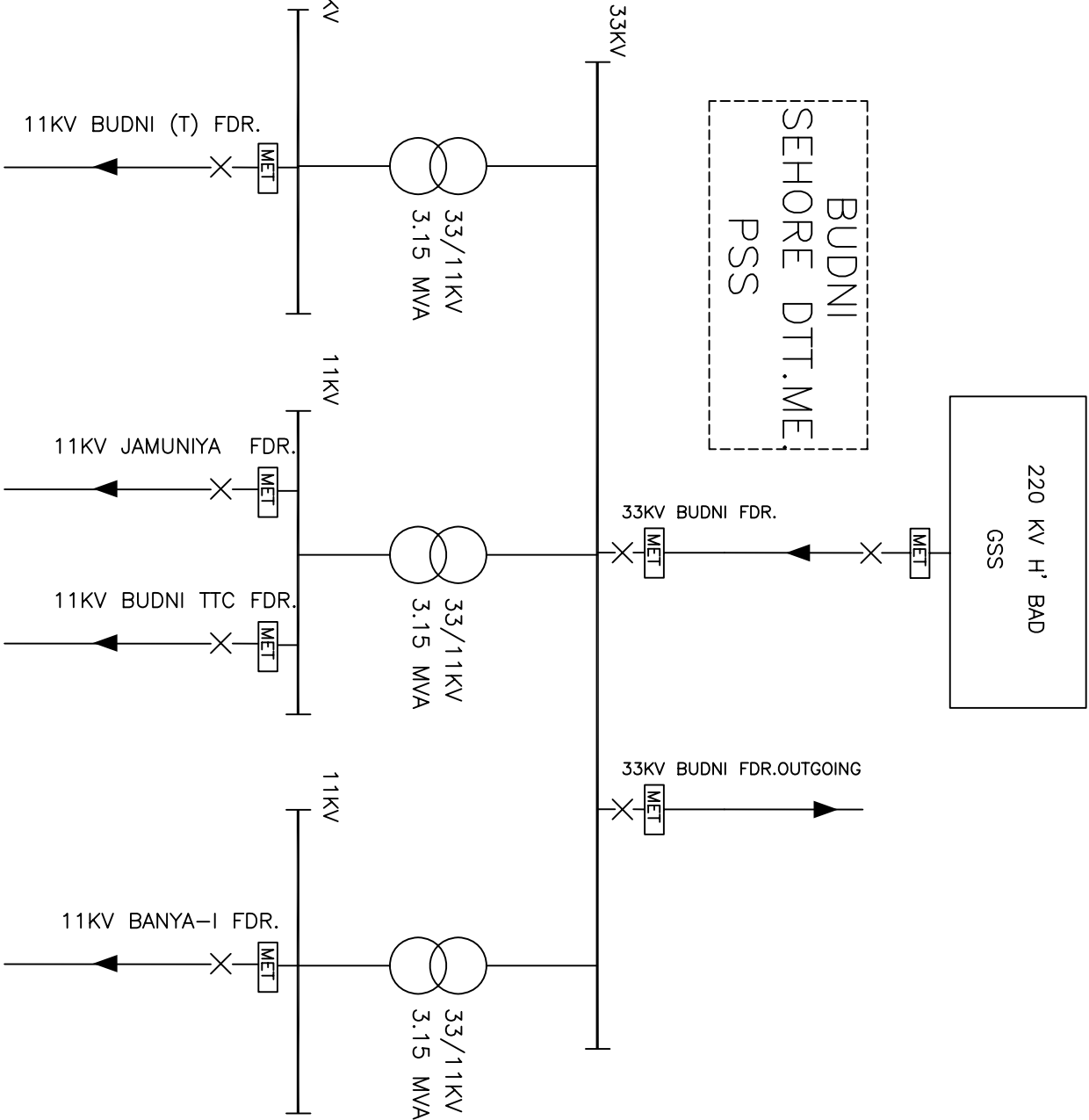
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SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.			
LOCATION	RANCHI				
DESIGNED	N.R.MOHANTY SHAHNAWAZ AHMAD	33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT			
DRAWN	N.R.MOHANTY SHAHNAWAZ AHMAD	FOR OBEUDILAGANJ DIVISION UNDER BHOPAL O&M CIRCLE.			
CHECKED AND VERIFIED	SAMIR MONDAL				
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S.	SHEET	REV.	
3		DRG.NO.MEC/11/9708/BPL/EL/1D/003	2 OF 10	0	
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BUDNI (SEHORE DTT. ME.) PSS

NANDNER PSS

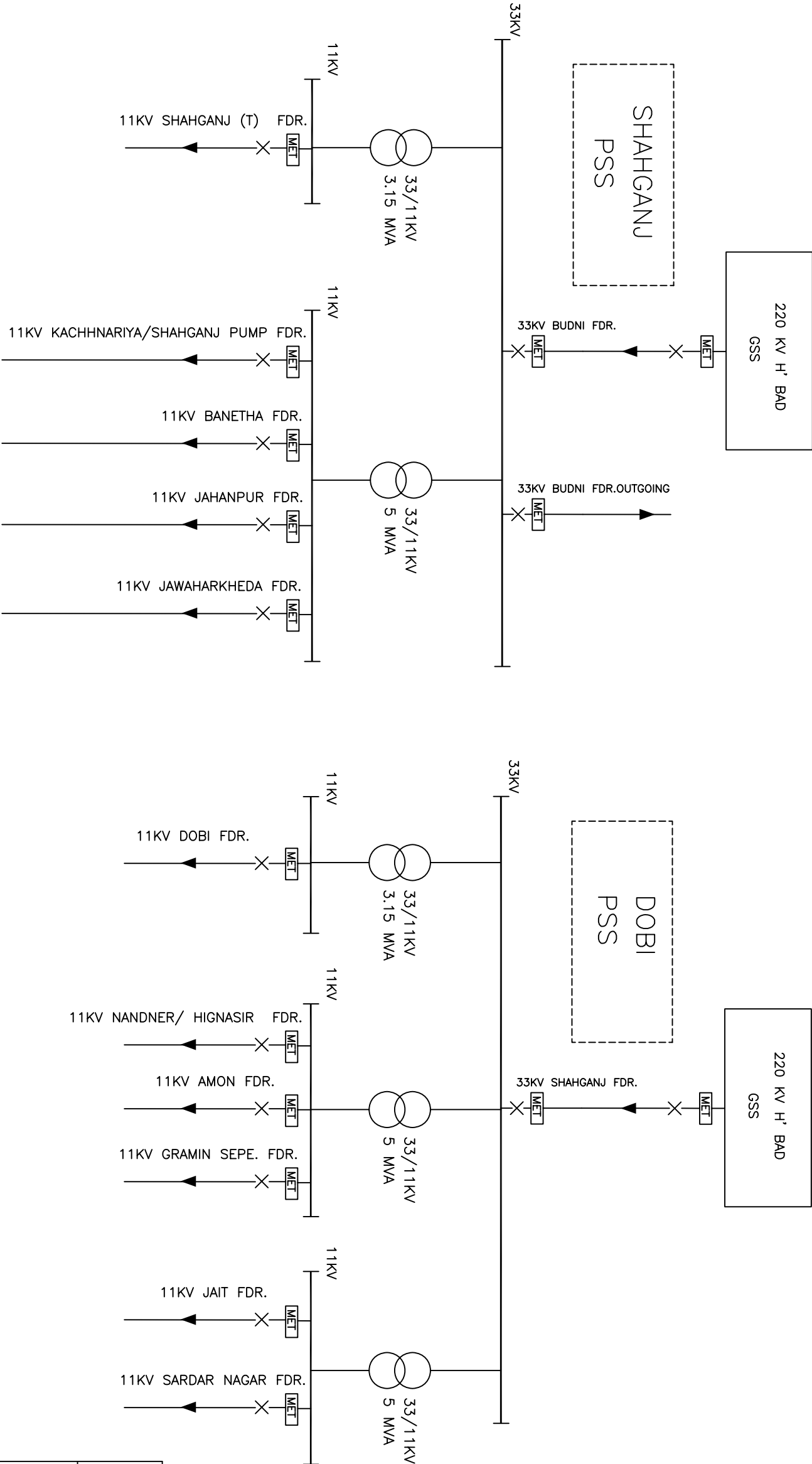
OBEDULLAGANJ DIVISION



SHAHGANJ PSS

DOBI PSS

OBEDULLAGANJ DIVISION



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MECON LIMITED		शेर्गेण्ट लिमिटेड	

SECTION		ELECTRICAL		ASSESSMENT OF COMPONENT WISE AT&C LOSS	
LOCATION		RANCHI		FOR MADHYA PRADESH.	
DESIGNED		N.R.MOHANTY		33KV POWER INTERCONNECTION DIAGRAM	
DRAWN		N.R.MOHANTY		UPTO DTR POINT	
CHECKED		SHAHANWAZ AHMAD		FOR OBEDULLAGANJ DIVISION	
AND		SAHIR MONDAL		UNDER BHOPAL O&M CIRCLE.	
VERIFIED					
APPROVED		S.K. CHATTERJEE		SCALE - N.T.S.	
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				SHEET 5 OF 10	
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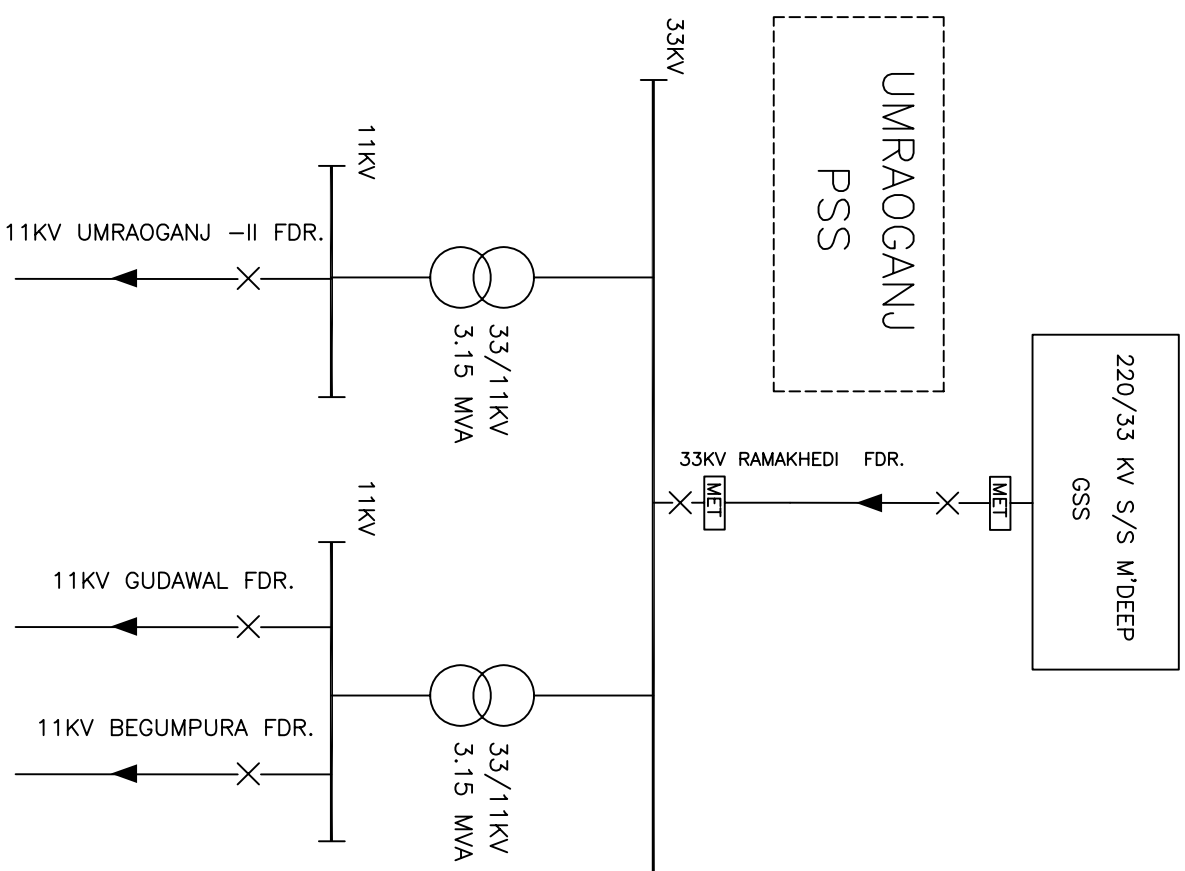
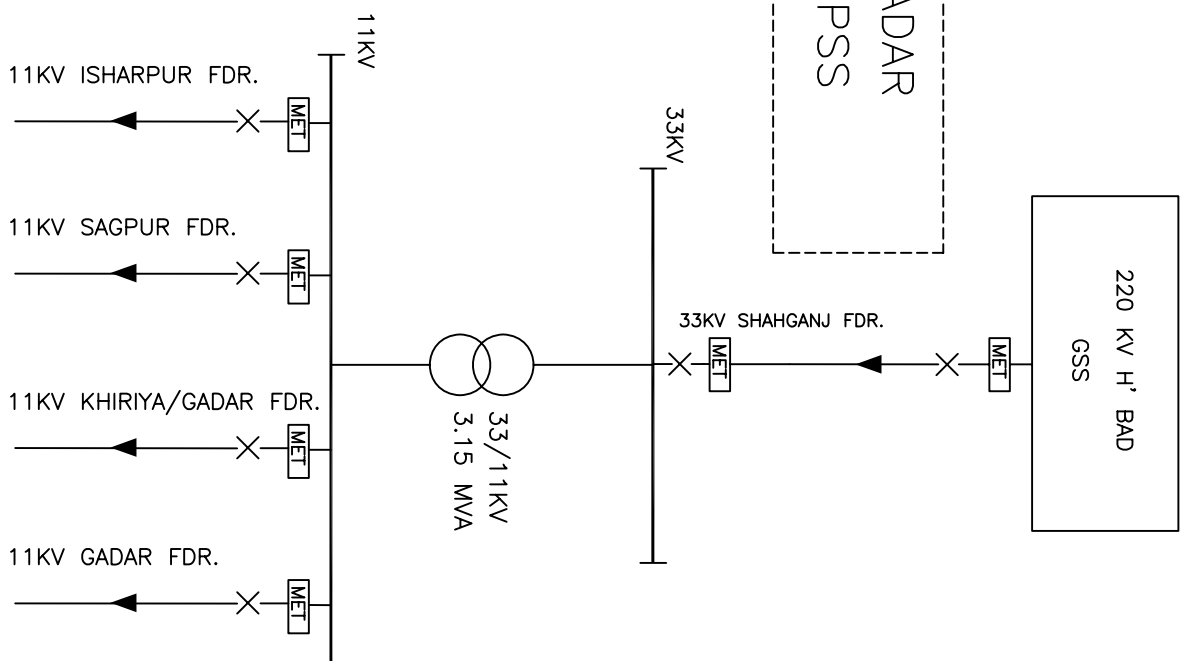
NOTE: -

THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.

GADAR PSS

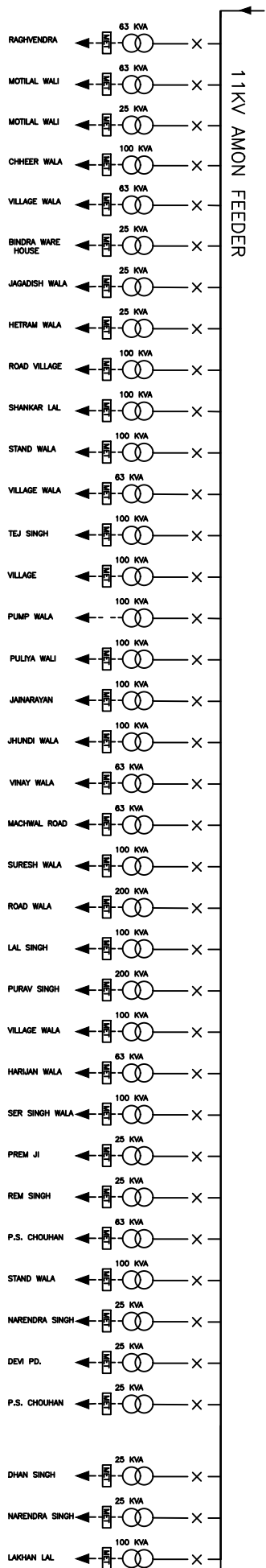
UMRAOGANJ PSS

OBEDULLAGANJ DIVISION

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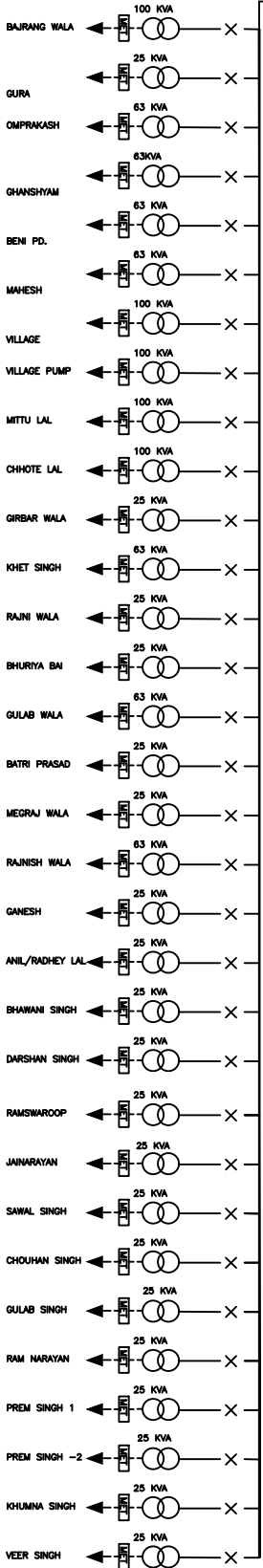
			
POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
		मेकोन लिमिटेड	
100 9001 COMB		MECON LIMITED	
SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION	RANCHI		
DESIGNED	N.R.MOHANTY SHRIRAMKANT AHMAD		
DRAWN	N.R.MOHANTY SHRIRAMKANT AHMAD		
CHECKED AND VERIFIED	SAMIR MONDAL		
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S.	SHEET 7 OF 10
		DRG. NO. MFC/11/q709/BPL/EL/ID/003	REV. 0

OBEDULLAGANJ DIVISION
DOBI PSS



11KV AMON FEEDER

200 KVA DTR – 2 NOS.
100 KVA DTR – 21 NOS.
63 KVA DTR – 15 NOS.
25 KVA DTR – 31 NOS.



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NEW DELHI



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SECTION	ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSSSS FOR MADHYA PRADESH.
LOCATION	RANCHI	

DESIGNED	N.E. JOHANY SHAHNAWZ AHMAD
DRAWN	N.E. JOHANY SHAHNAWZ AHMAD
CHECKED AND	SAHIR MONDAL

33KV POWER INTERCONNECTION DIAGRAM
UP TO DTR POINT
FOR OBEDULLAGANJ DIVISION
UNDER BHOPAL 0&M CIRCLE.

VERIFIED		SCALE - N.T.S.	SHEET	REV

APPROVED	S.K. CHATTERJEE	DRG. NO. MEC/11/q709/BPL/EL/ID/003	10 OF 10	0

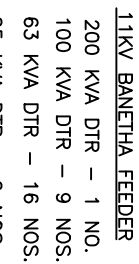
NOTE: -
THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION
RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD
VISIT

NOTE:—

THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION
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VISIT.

REV. NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED	REFERENCES	DWG. NO.
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APPROVED	S.K. CHATTERJEE	DATE	DD/MY/YY	DD/MY/YY	DD/MY/YY
CHECKED	AND	SCALE	N.T.S.		
VERIFIED	SAHAR KODAL	SHEET	REV		
DESIGNED	SAHAR KODAL	39KV POWER INTERCONNECTED DIAGRAM			
DRAWN	SAHAR KODAL	UP TO DTR POINT			
SECTION	RAJCHAND	FOR OBEEDILGANG DIVISION			
LOCATION	RAJCHAND	UNDER BHOPAL O&M CIRCLE.			
ASSESSMENT OF COMPONENT WISE ATFC LOSS	FOR MALHATTA PRADSEH.				



DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR BARELI DIVISION UNDER
BHOPAL O&M CIRCLE.**

Drawing No. : MEC/11/O709/BHP/E1/ID/004

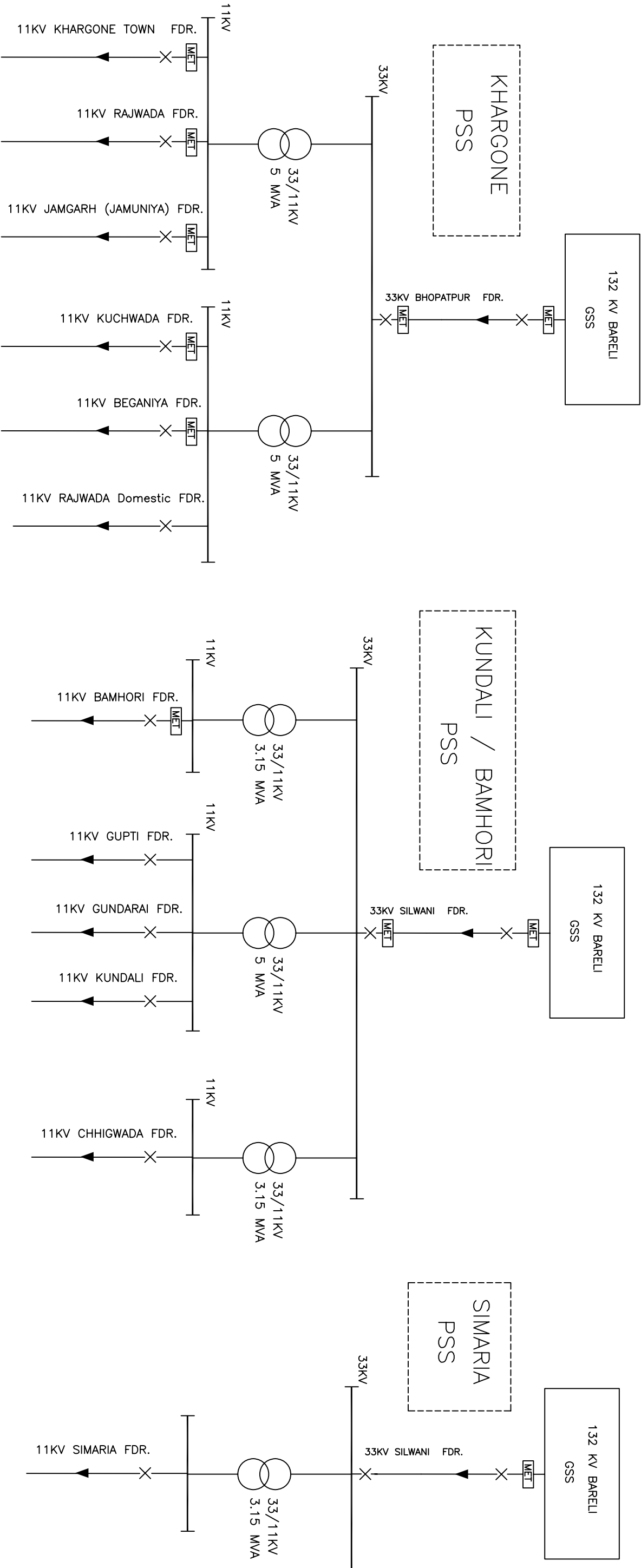
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BARELI – (KHARGONE PSS)

BARELI – (KUNDALI / BAMHORI PSS)

BARELI – (SIMARIA PSS)

BARELI DIVISION



NOTE: -			THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.		
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श्री गणेशाय नमः

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SAMIR MONDAL

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BARELI DIVISION UNDER BHOPAL O&M CIRCLE.

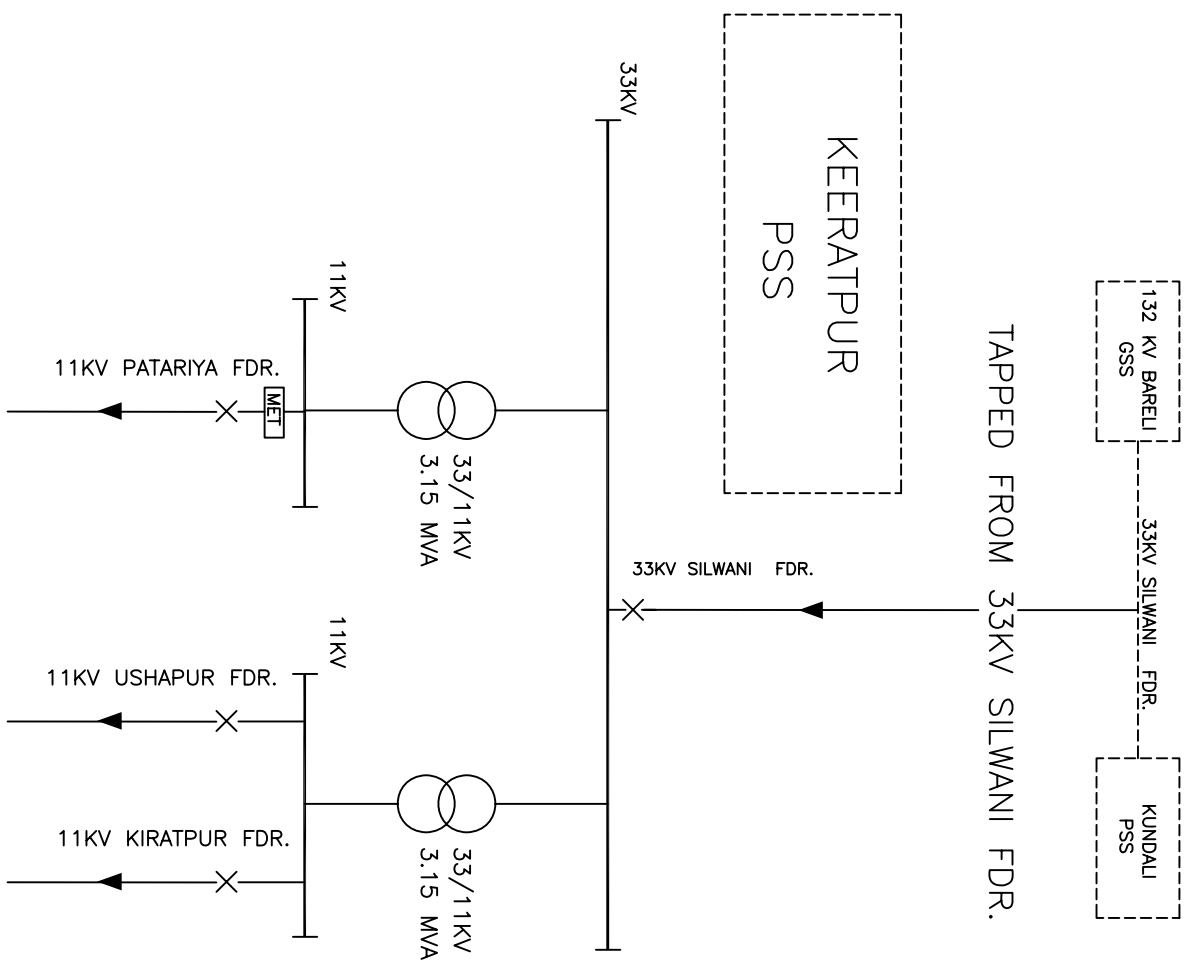
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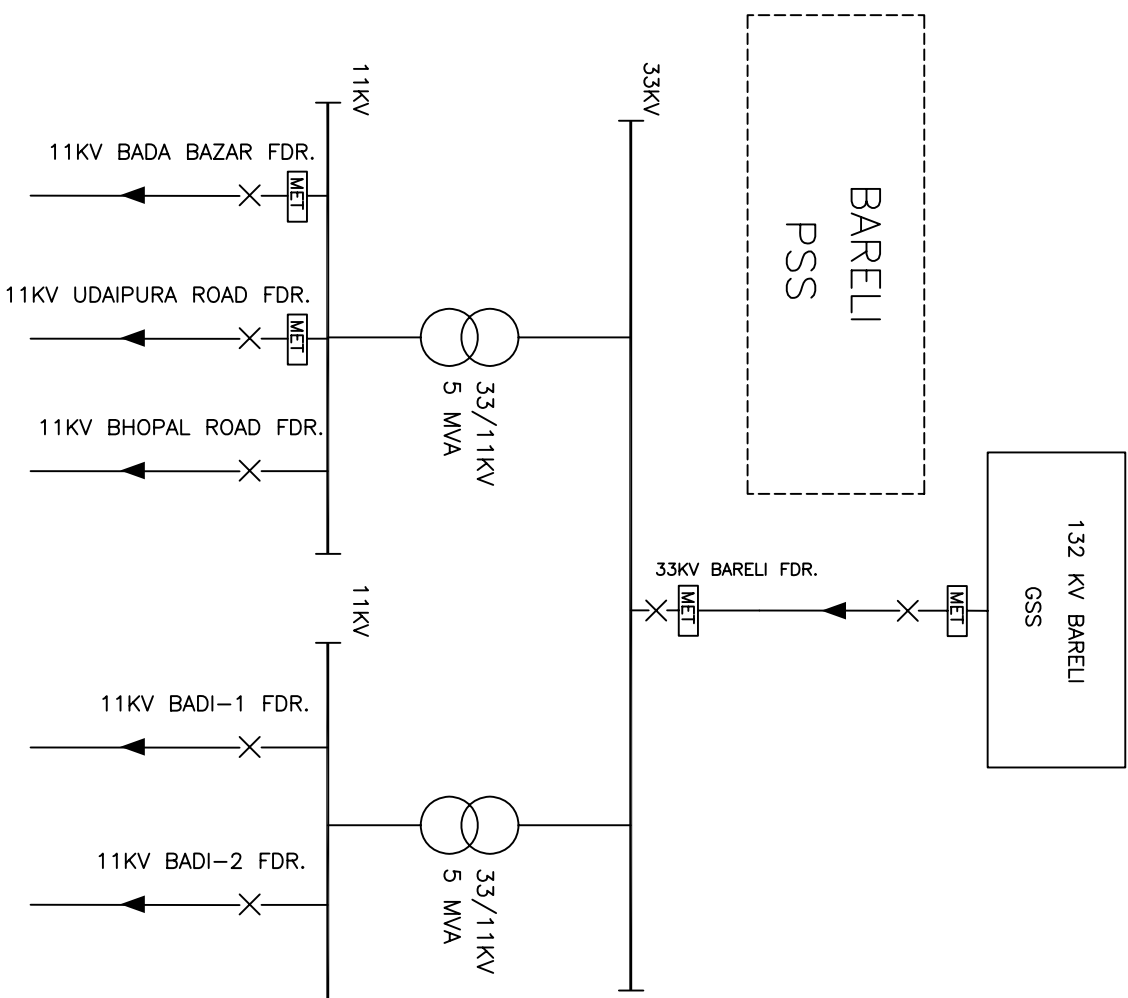
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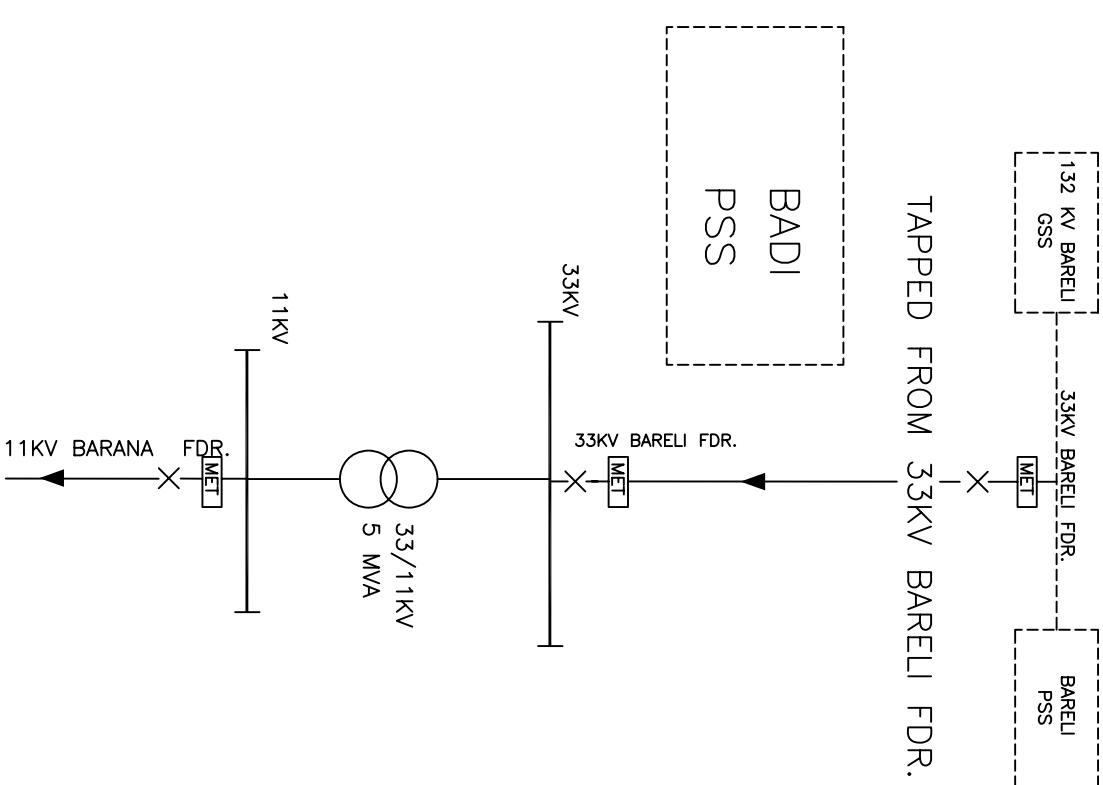
BAREIL - (KEERATPUR PSS)



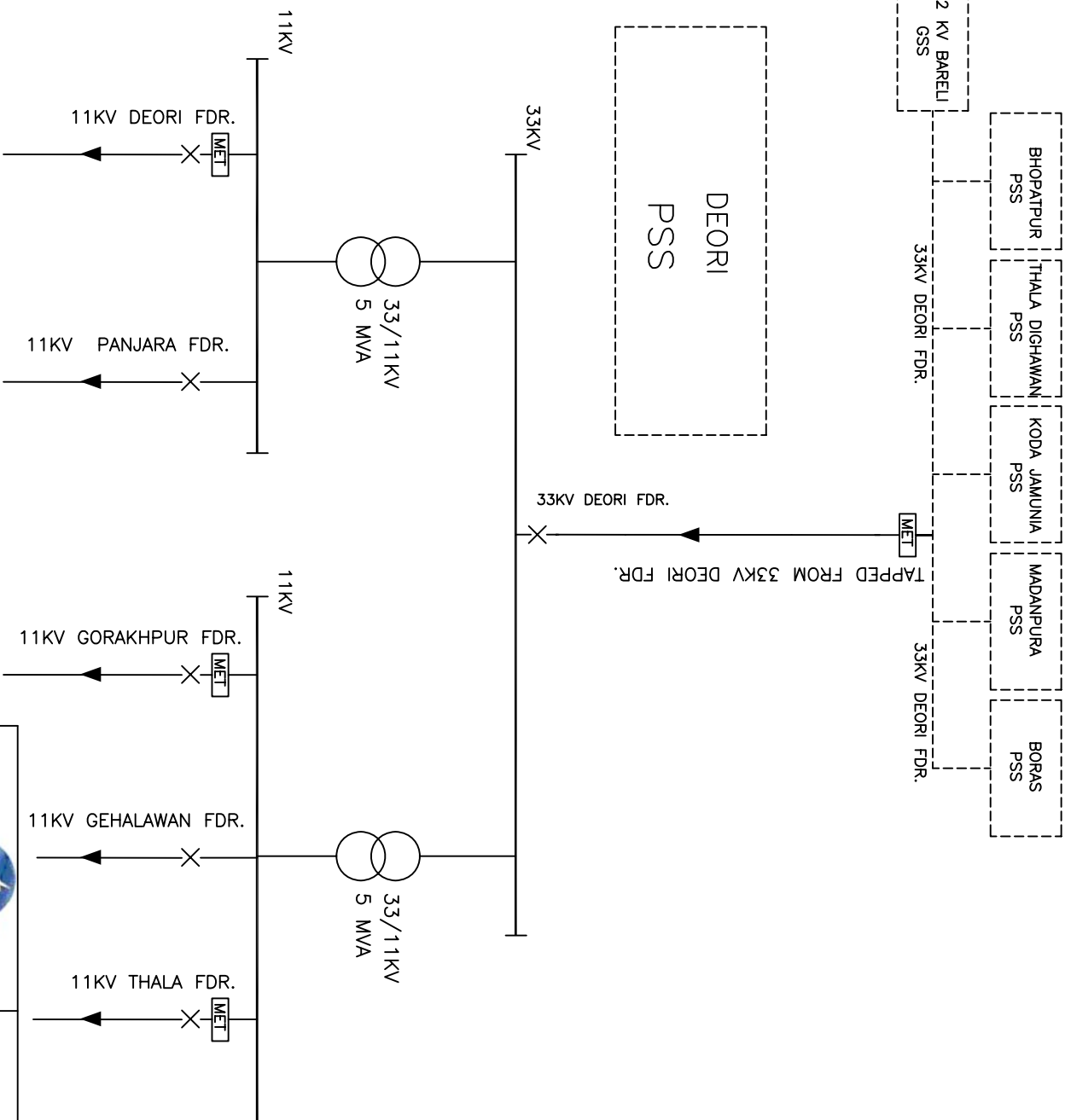
BARELI- (BARELI PSS)

BARELI DIVISION

BARELL - (BADI PSS)

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BARELI DIVISION



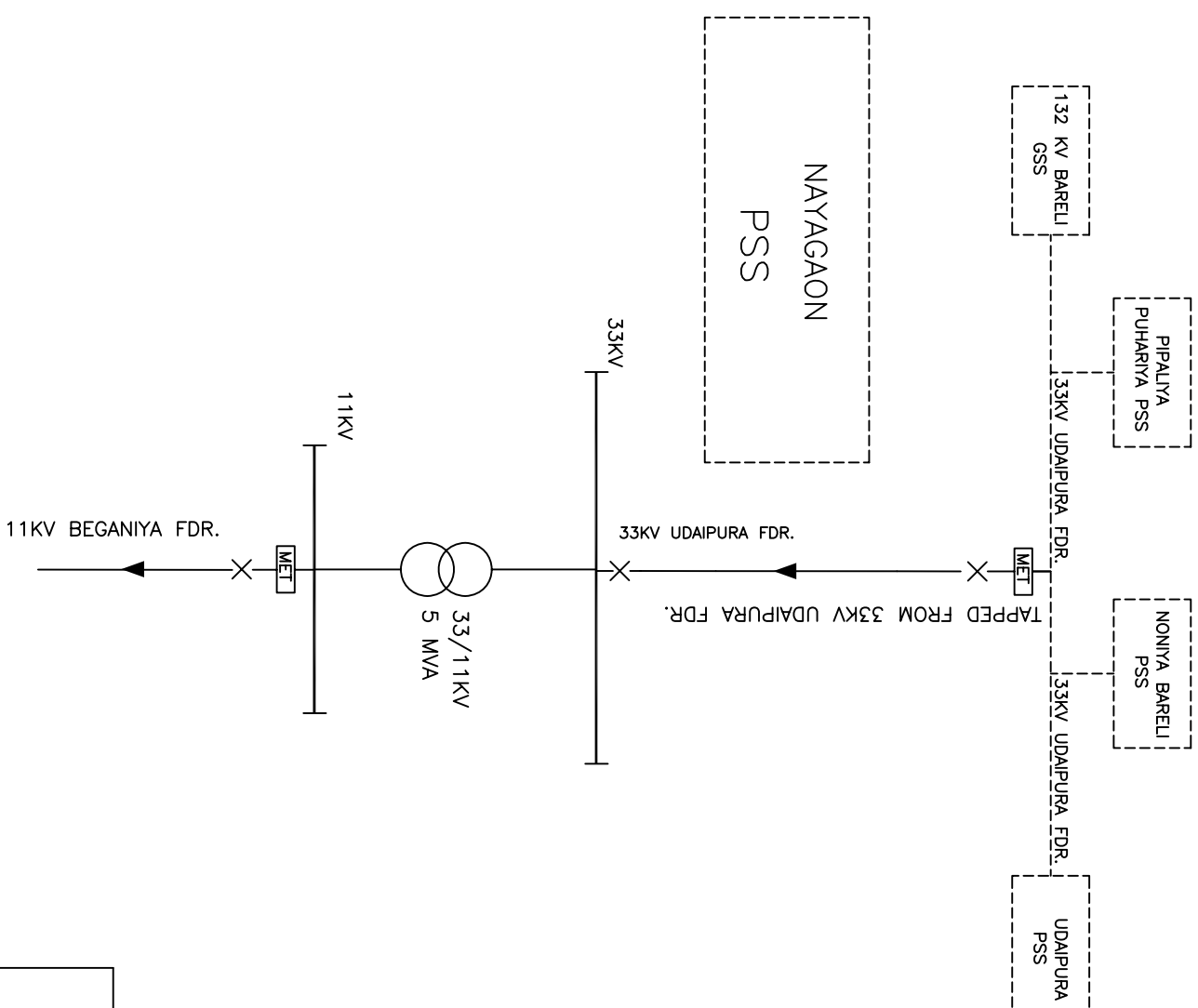
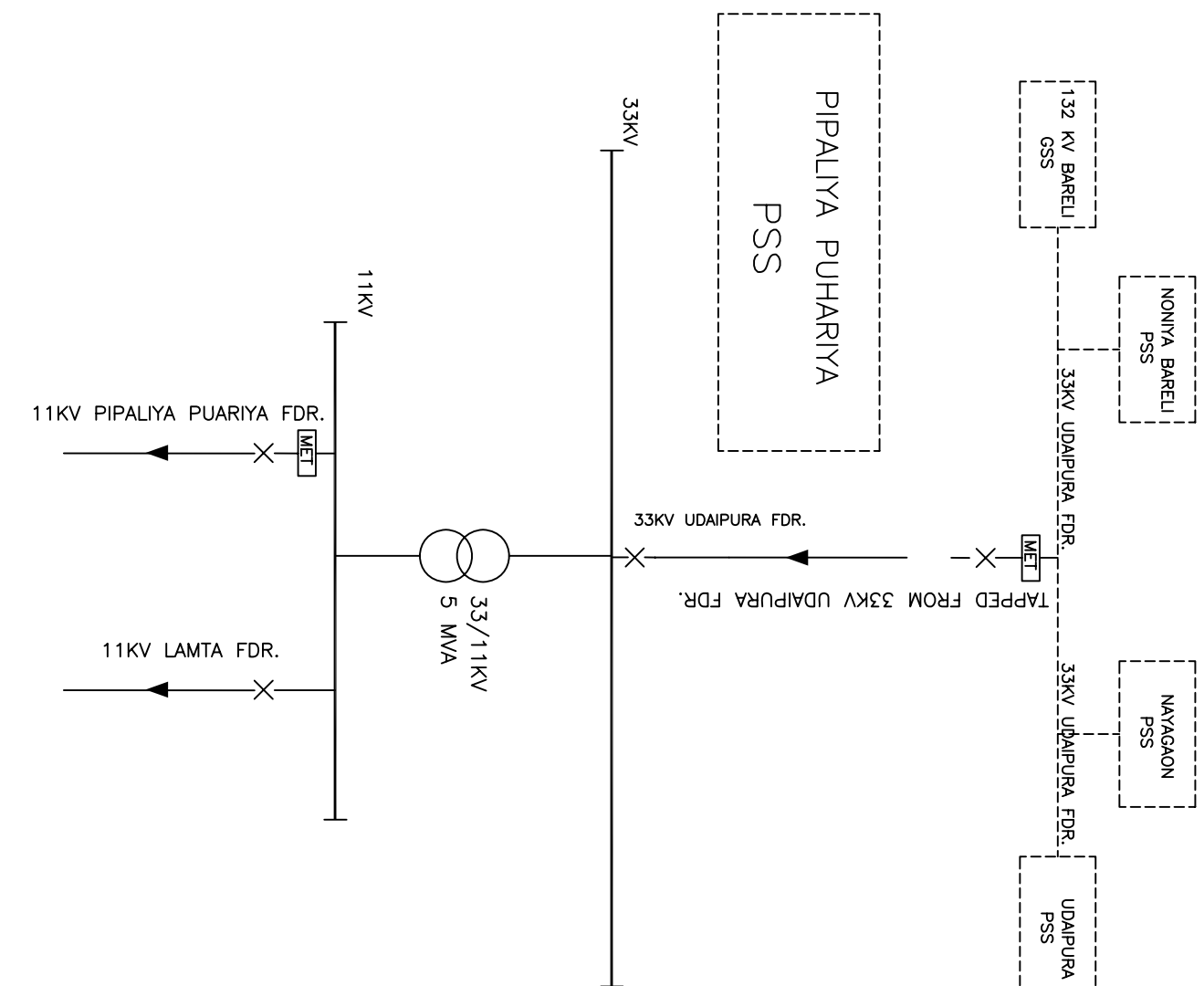
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BARELI – (PIPALIYA PUHARIYA PSS)

BARELI- (NAYAGAON PSS)

BARELI DIVISION



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COMMISSION
NEW DELHI.

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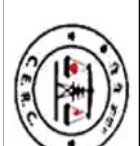
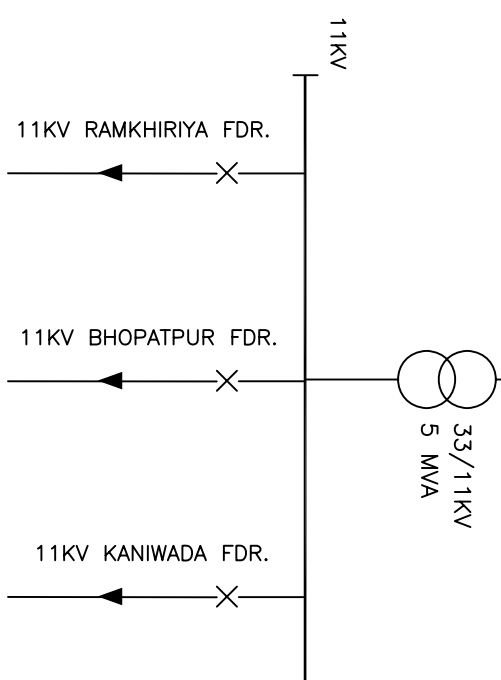
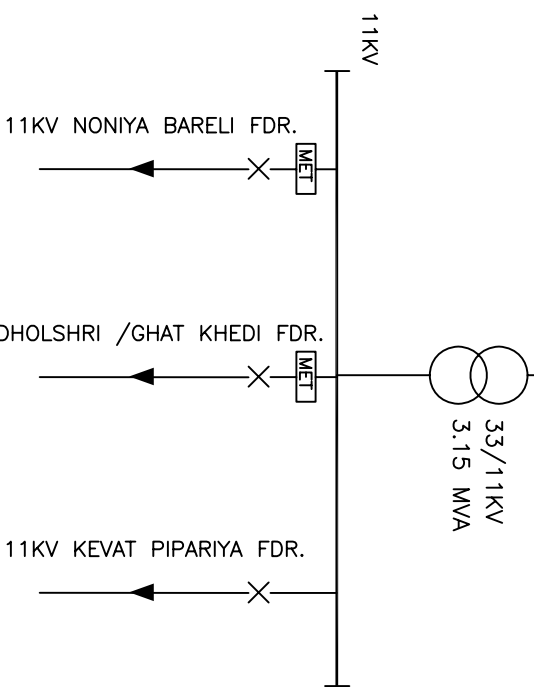
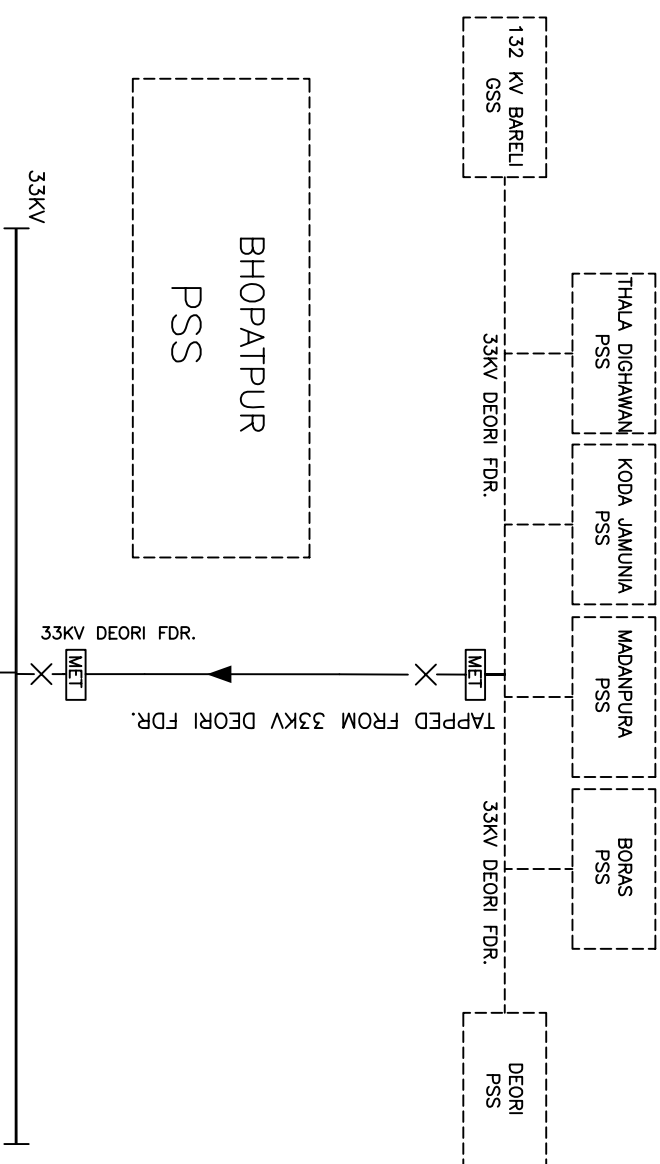
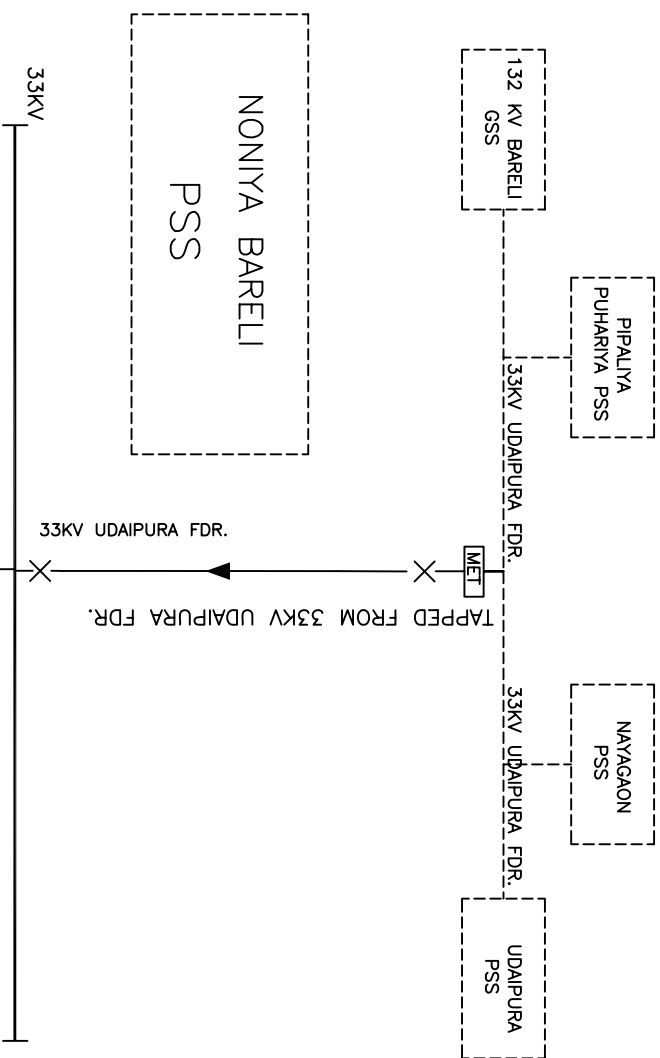
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BARELI- (NONIYA BARELI PSS)

BAREIL - (BHOPATPUR PSS)

BARELI DIVISION



POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

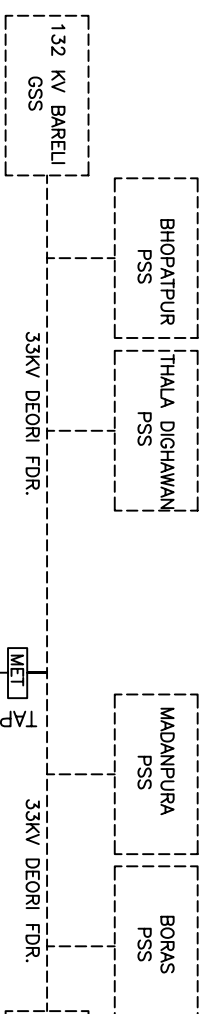
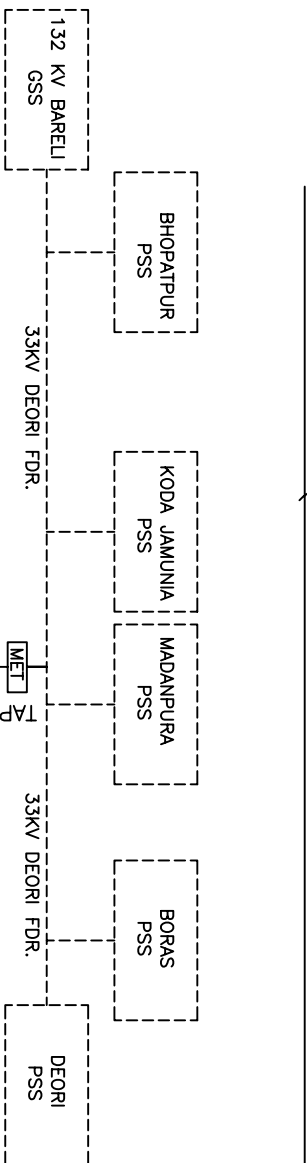
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COMMISSION
NEW DELHI.



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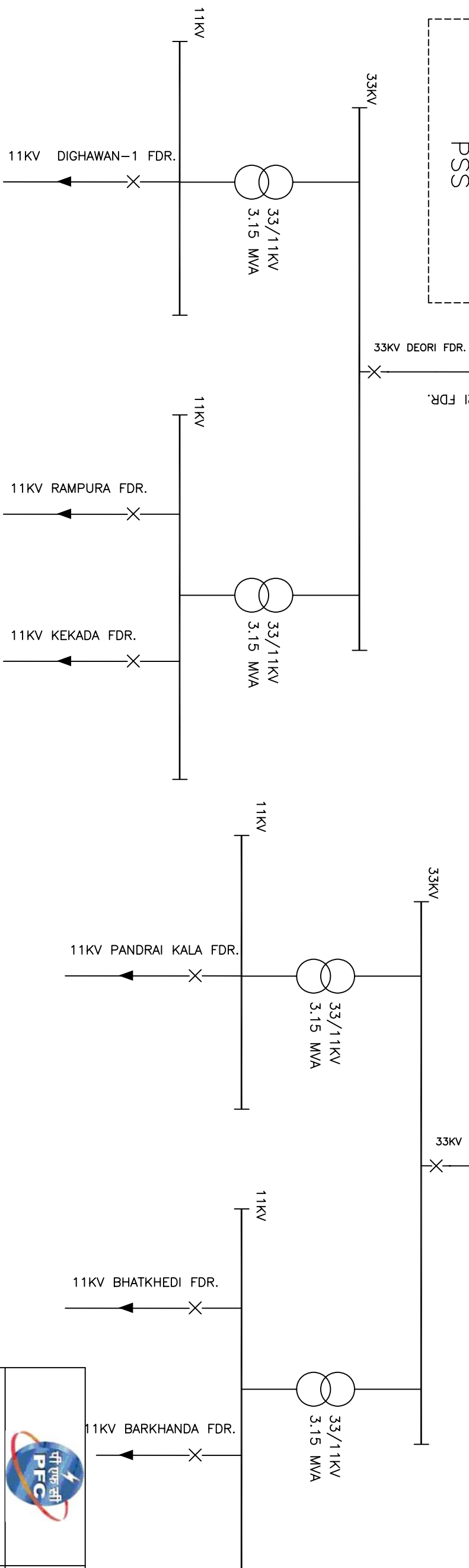
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BARELI- (THALA DIGHAWAN PSS)



BARELI- (KODA JAMUNIA PSS)

BARELI DIVISION



POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

REGULATORY
COMMISSION
NEW DELHI.



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VISIT.

**ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.**

33KV POWER INTERCONNECTION DIAGRAM

FOR BARELL DIVISION

UNDER BHOPAL O&M CIRCLE

SCALE - N.T.S.

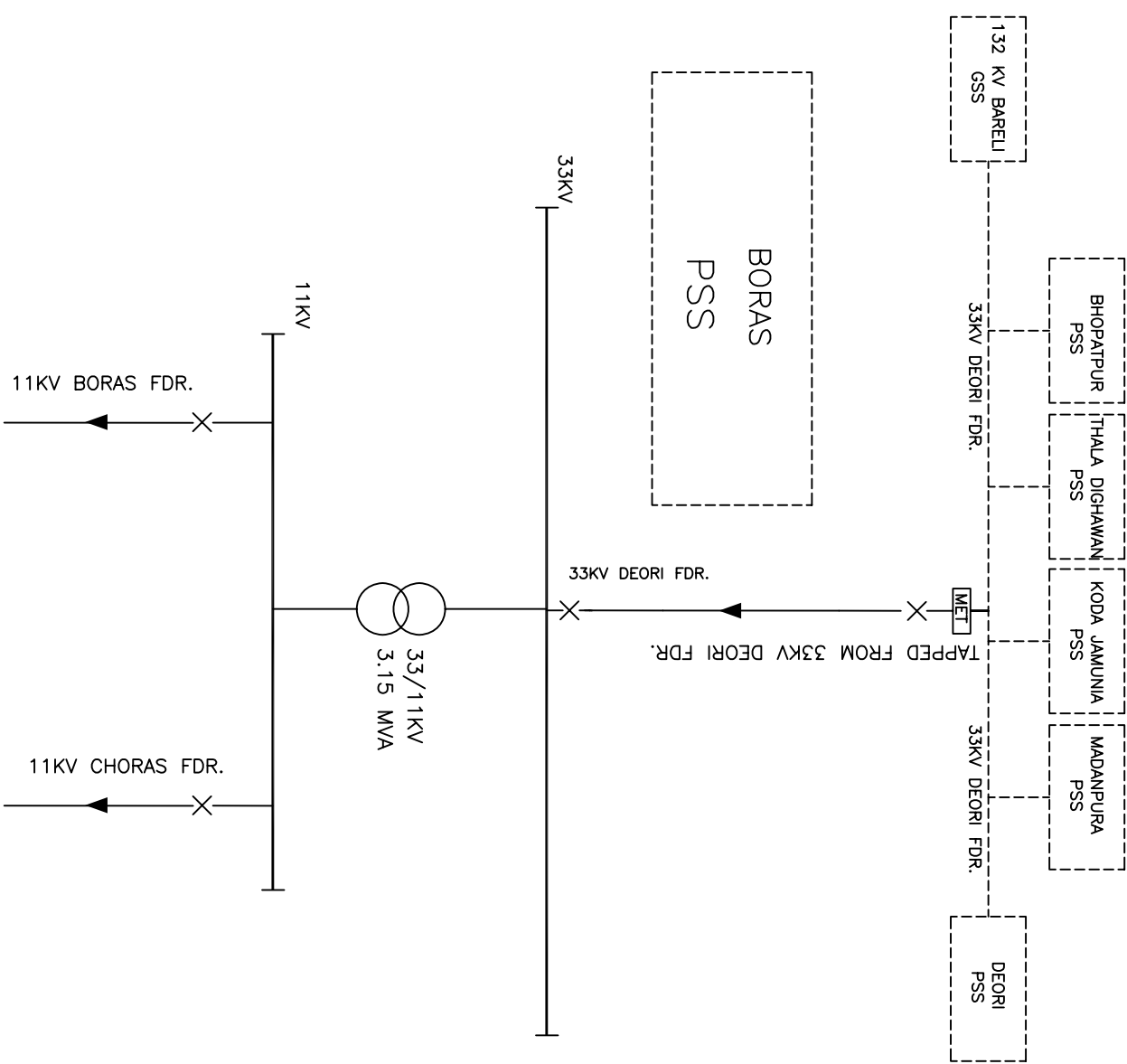
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SHEET REV.

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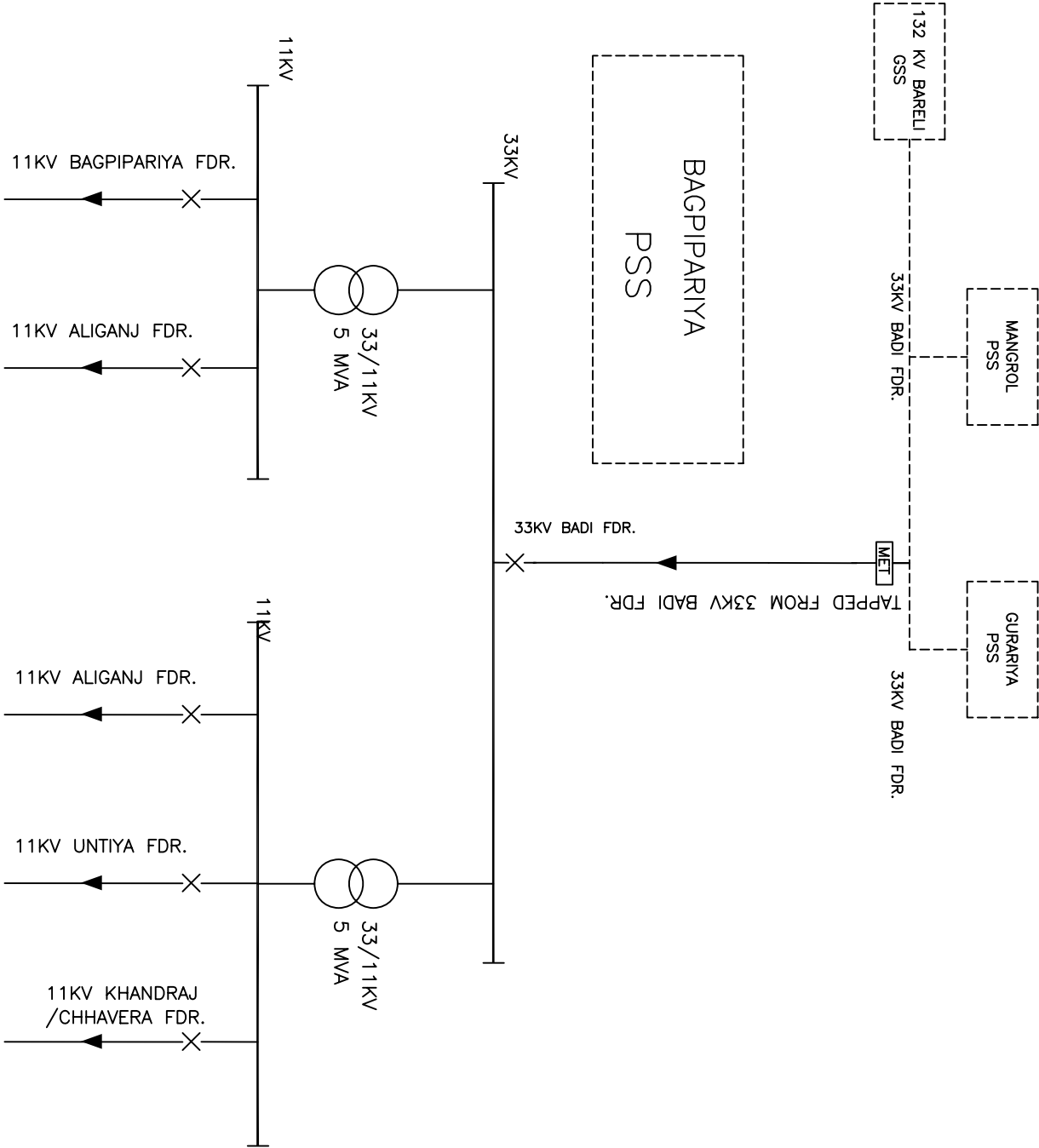
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BARELI – (BORAS PSS)



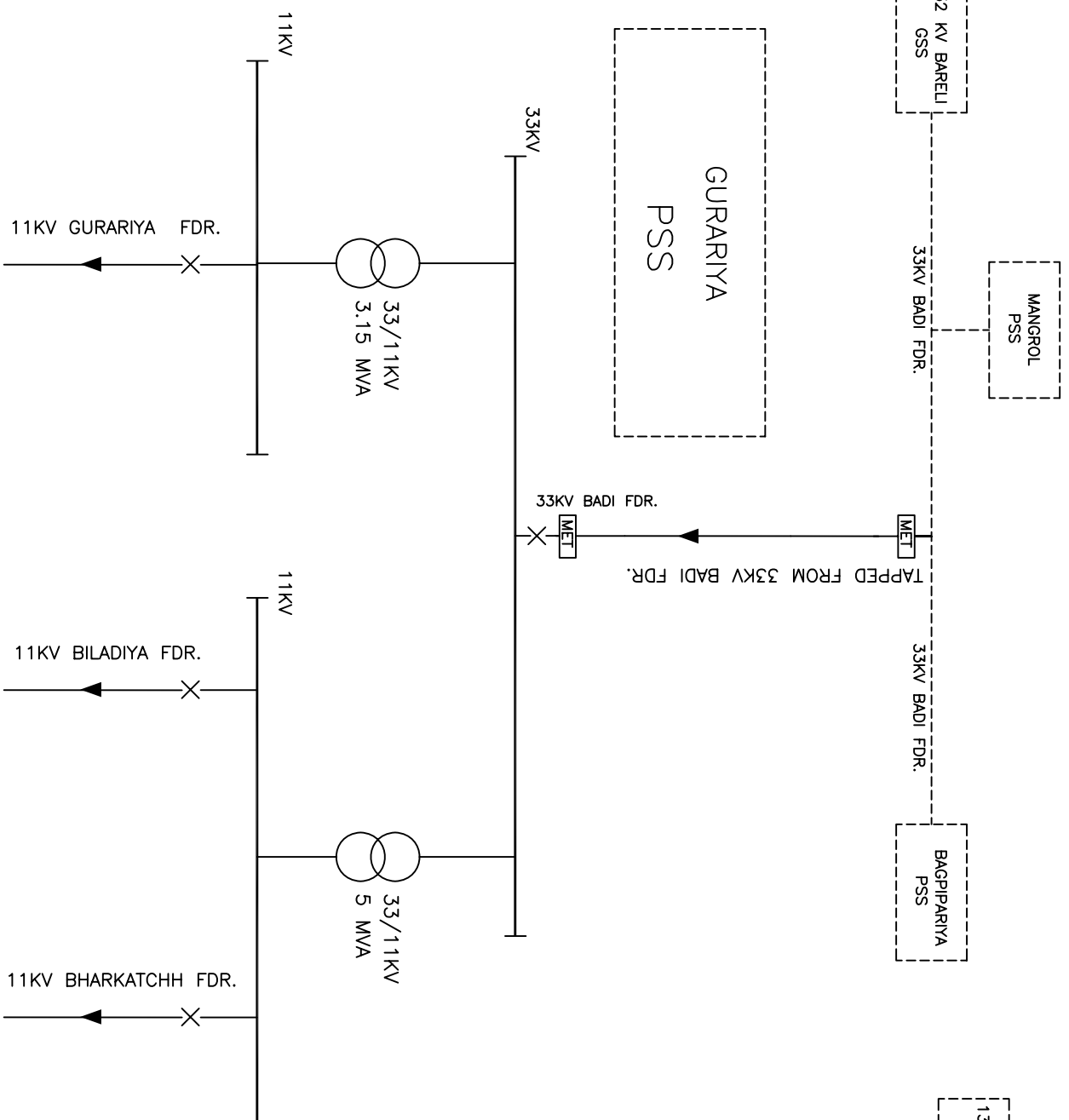
BARELI – (BAGPIPARIYA PSS)

BARELI DIVISION

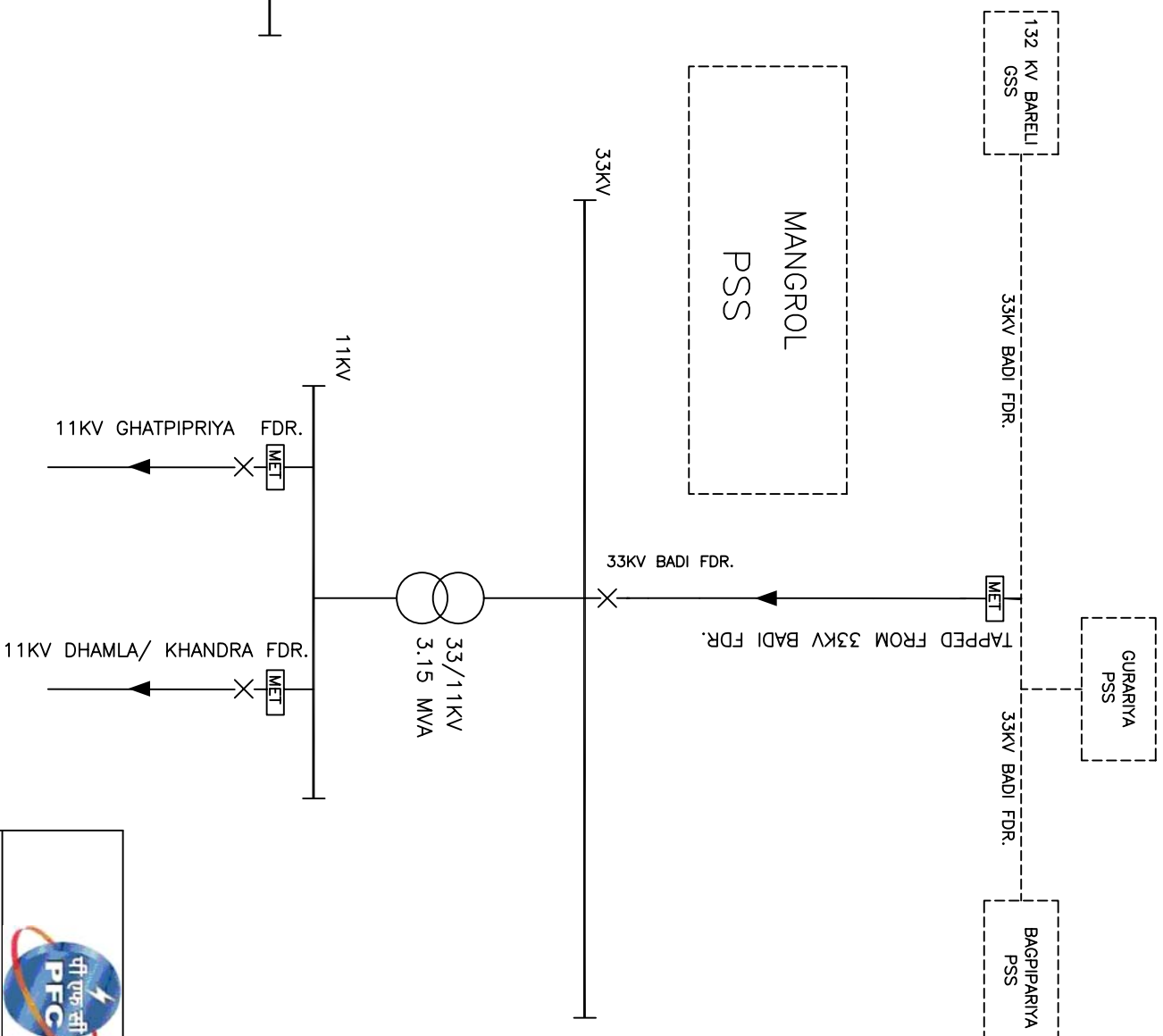


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BARELI- (GURARIYA PSS)



BARELI- (MANGROL PSS)



BARELLI DIVISION

POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

NEW DELHI.

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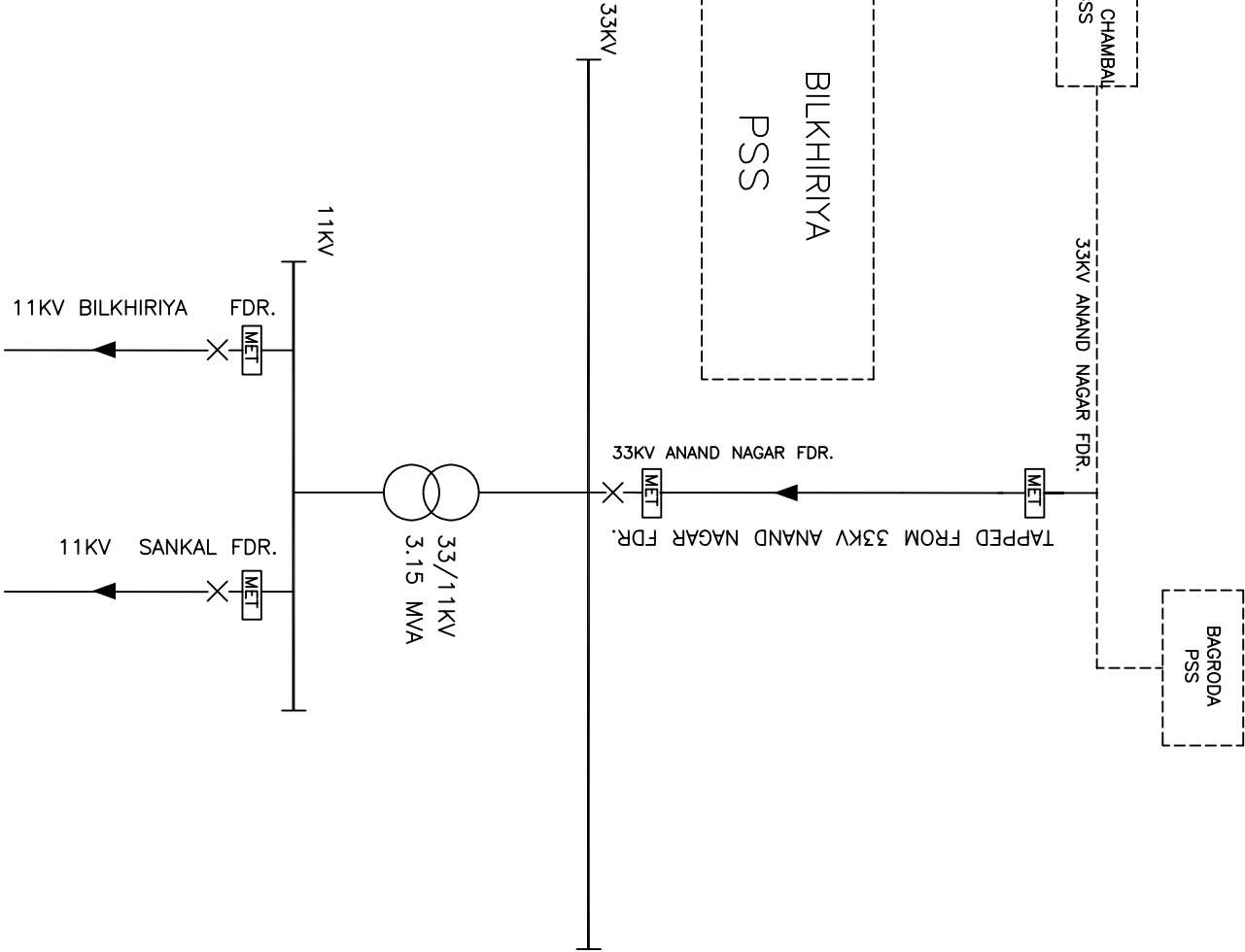
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DTR POINT FOR BHOPAL O&M DIVISION
UNDER BHOPAL O&M CIRCLE.**

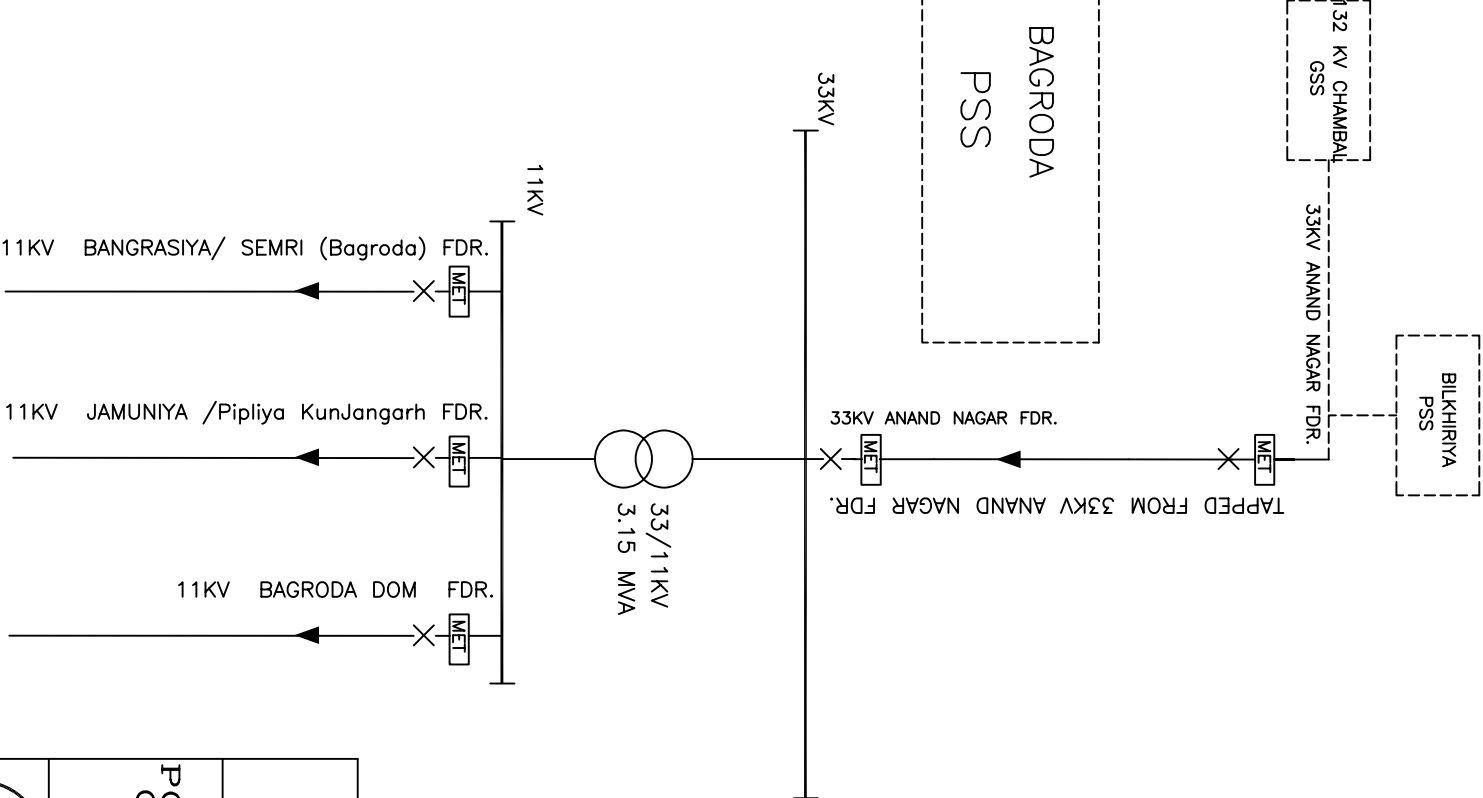
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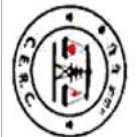
BILKHIRIYA PSS



BAGRODA PSS



BHOPAL O&M DIVISION



POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.



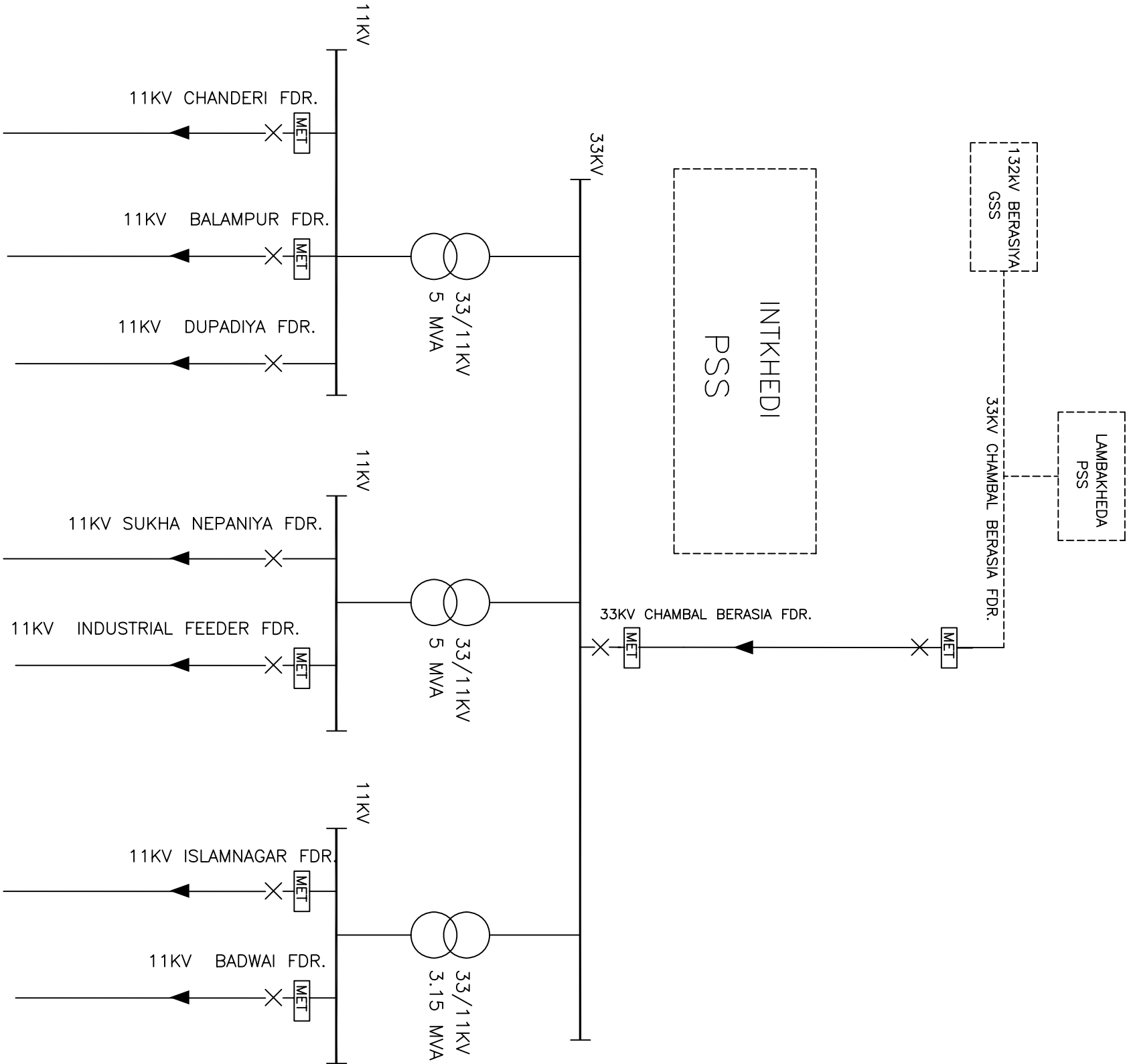
मेकॉन लिमिटेड

MECON LIMITED

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SEC.			REVISIONS		
CONCURRED BY				BY	VERIFIED
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1			0		

INTKHEDI PSS

BHOPAL O&M DIVISION



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POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN SHANAWAZ AHMAD

CHECKED AND VERIFIED SHANAWAZ AHMAD

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

DRG.NO.MRC/11/q709/BPL/EL/ID/005

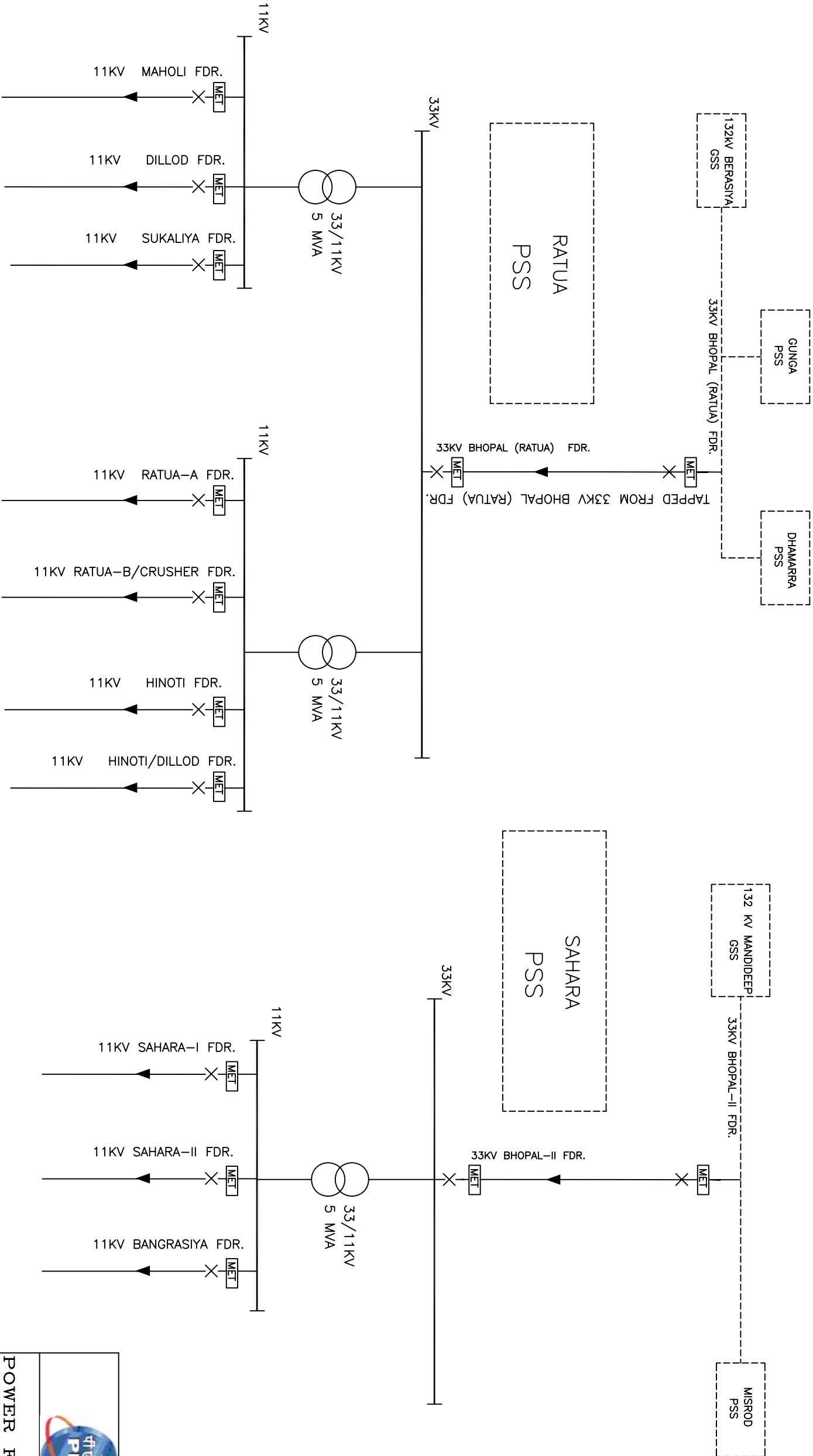
SHEET 3 OF 17

REV. 0

BHOPAL- (RATUA PSS)

SAHARA PSS

BHOPAL O&M DIVISION



SECTION		ELECTRICAL POWER		ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.	
LOCATION		RANCHI			
DESIGNED		N.R.MOHANTY		33KV POWER INTERCONNECTION DIAGRAM	
DRAWN		N.R.MOHANTY		UPTO DTR POINT	
CHECKED AND VERIFIED		SHAHNAWAZ AHMAD		FOR BHOPAL O&M DIVISION	
APPROVED		SAMIR MONDAL		UNDER BHOPAL O&M CIRCLE.	

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MECON LIMITED

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

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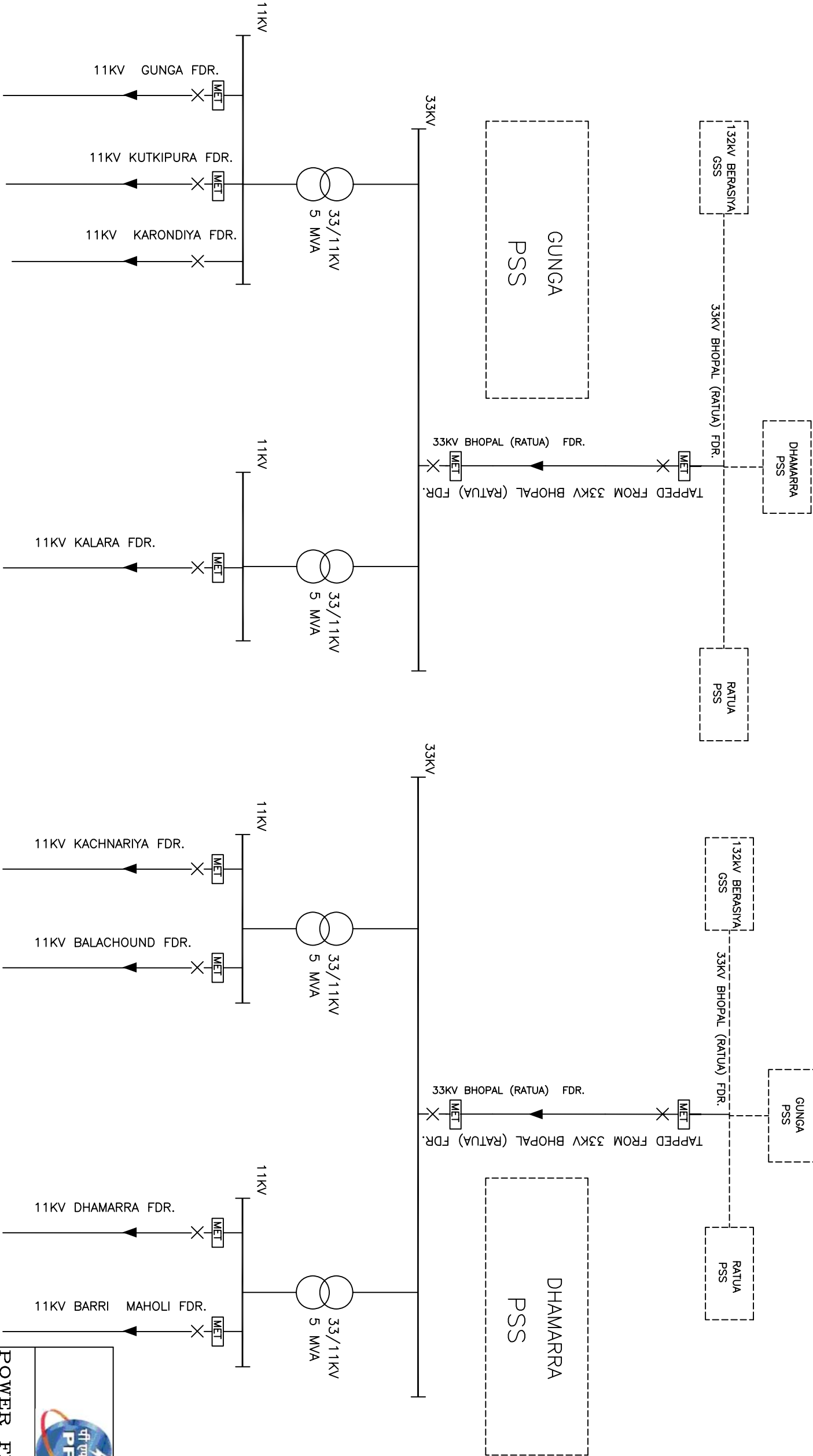
SHEET 4 OF 17

REV. 0

GUNGA PSS

DHAMARRA PSS

BHOPAL O&M DIVISION



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मेकॉन लिमिटेड		N.E.MOHANTY SHARMAKAZ AHMAD N.E.MOHANTY SHARMAKAZ AHMAD		33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.	
MECON LIMITED		S.A.M.R MONDAL		SCALE - N.T.S.	
		APPROVED		DRG.NO.MRC/11/q708/BPL/EL/ID/005	

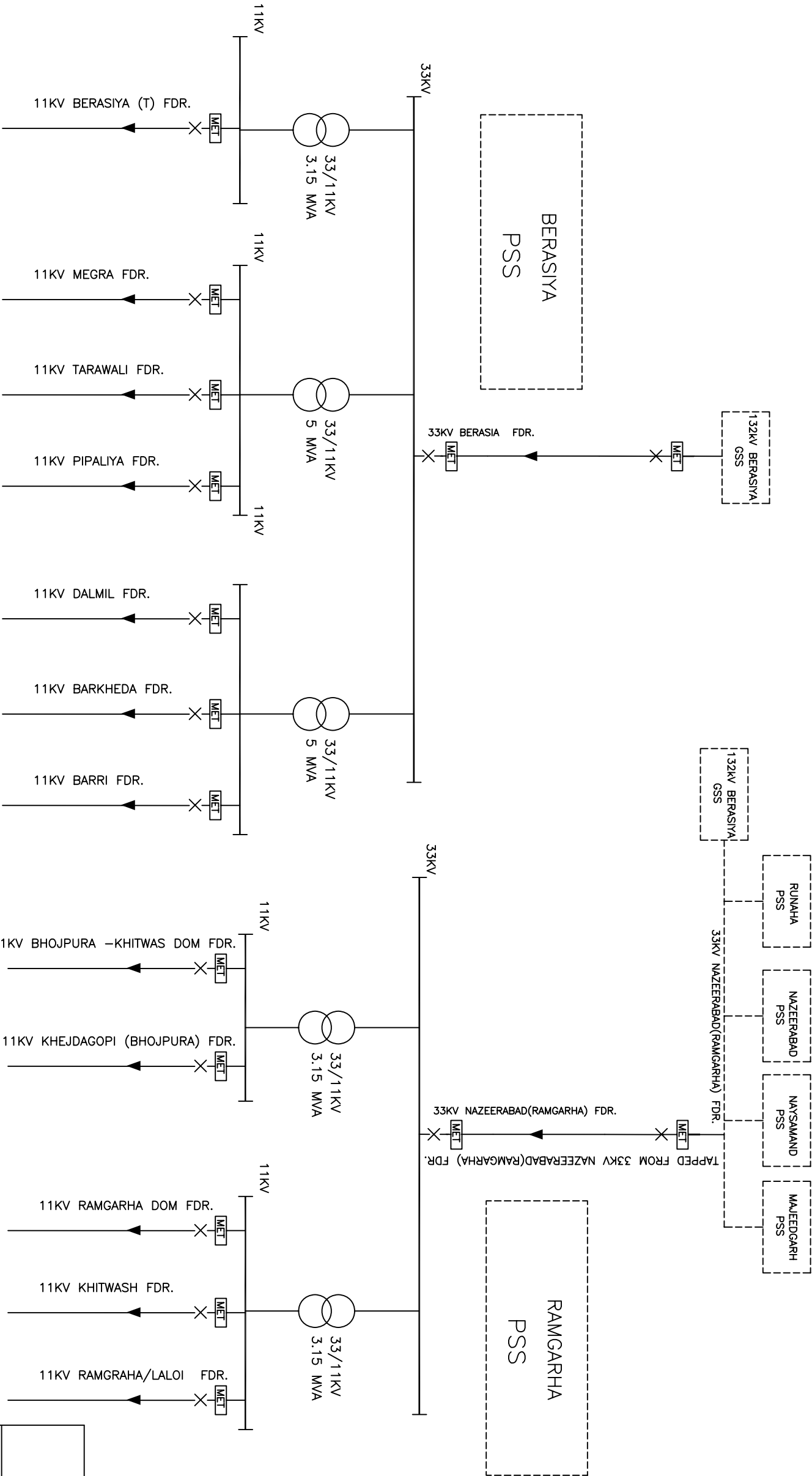
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LOCATION		RANCHI			
DESIGNED		N.E.MOHANTY SHARMAKAZ AHMAD			
DRAWN		N.E.MOHANTY SHARMAKAZ AHMAD			
CHECKED AND VERIFIED		S.A.M.R MONDAL			
APPROVED		S.K. CHATTERJEE			
SCALE		N.T.S.			
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BERASIYA PSS

RAMGARHA PSS



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MECON LIMITED

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SAMIR MONDAL

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

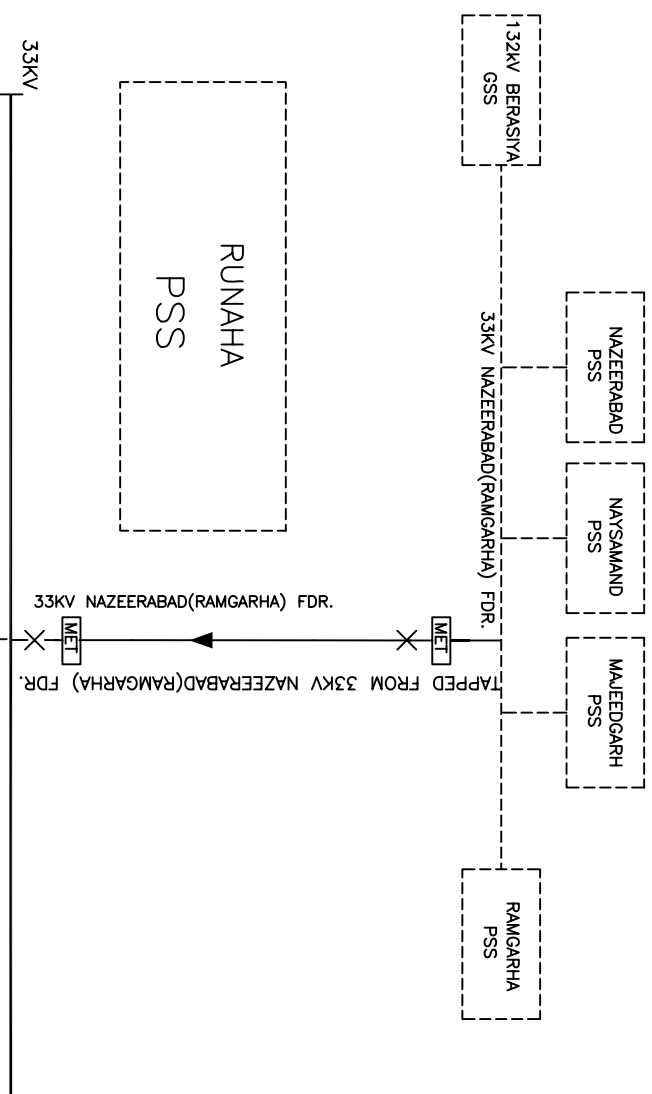
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SHEET 6 OF 17

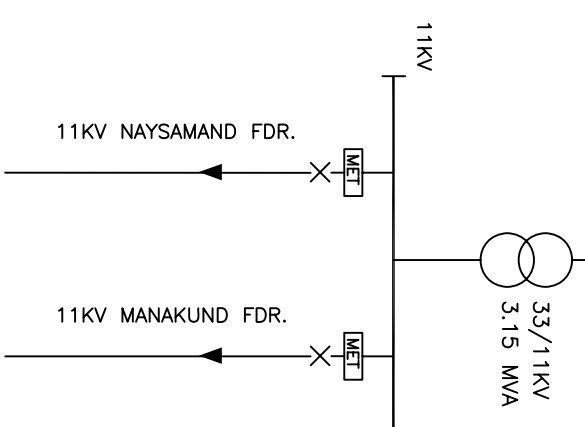
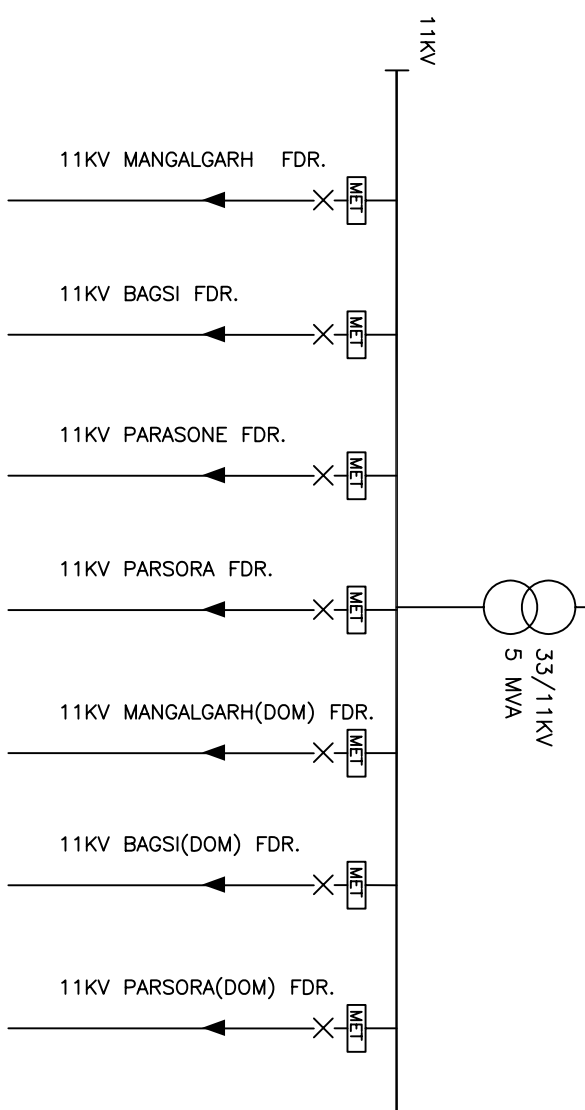
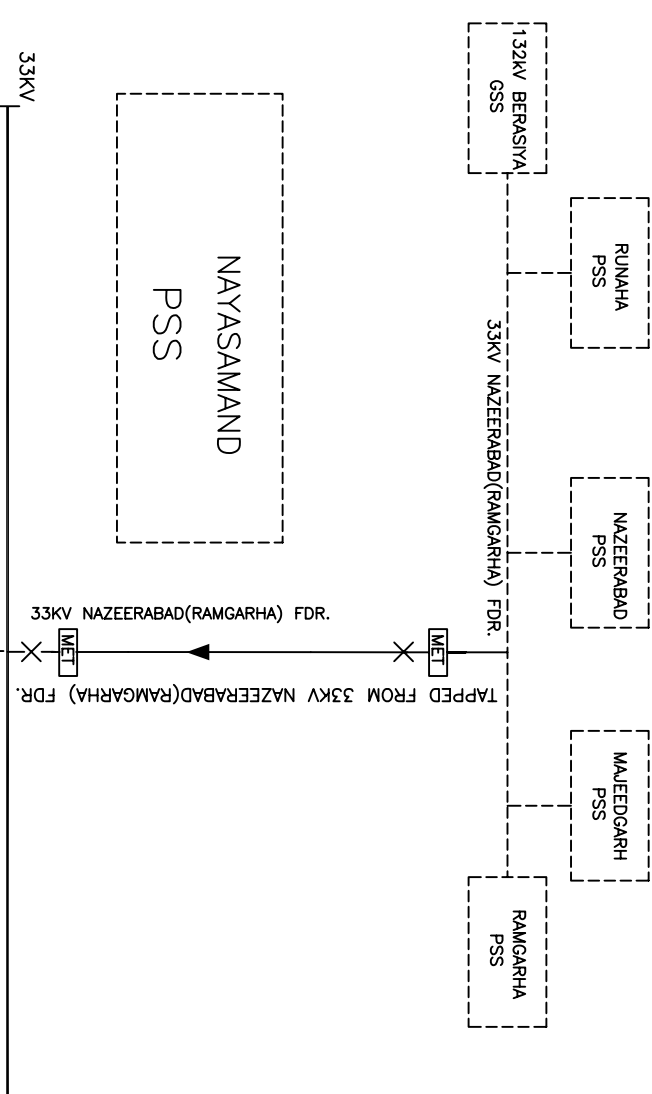
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BHOPAL O&M DIVISION

RUNAHA PSS



NAYASAMAND PSS

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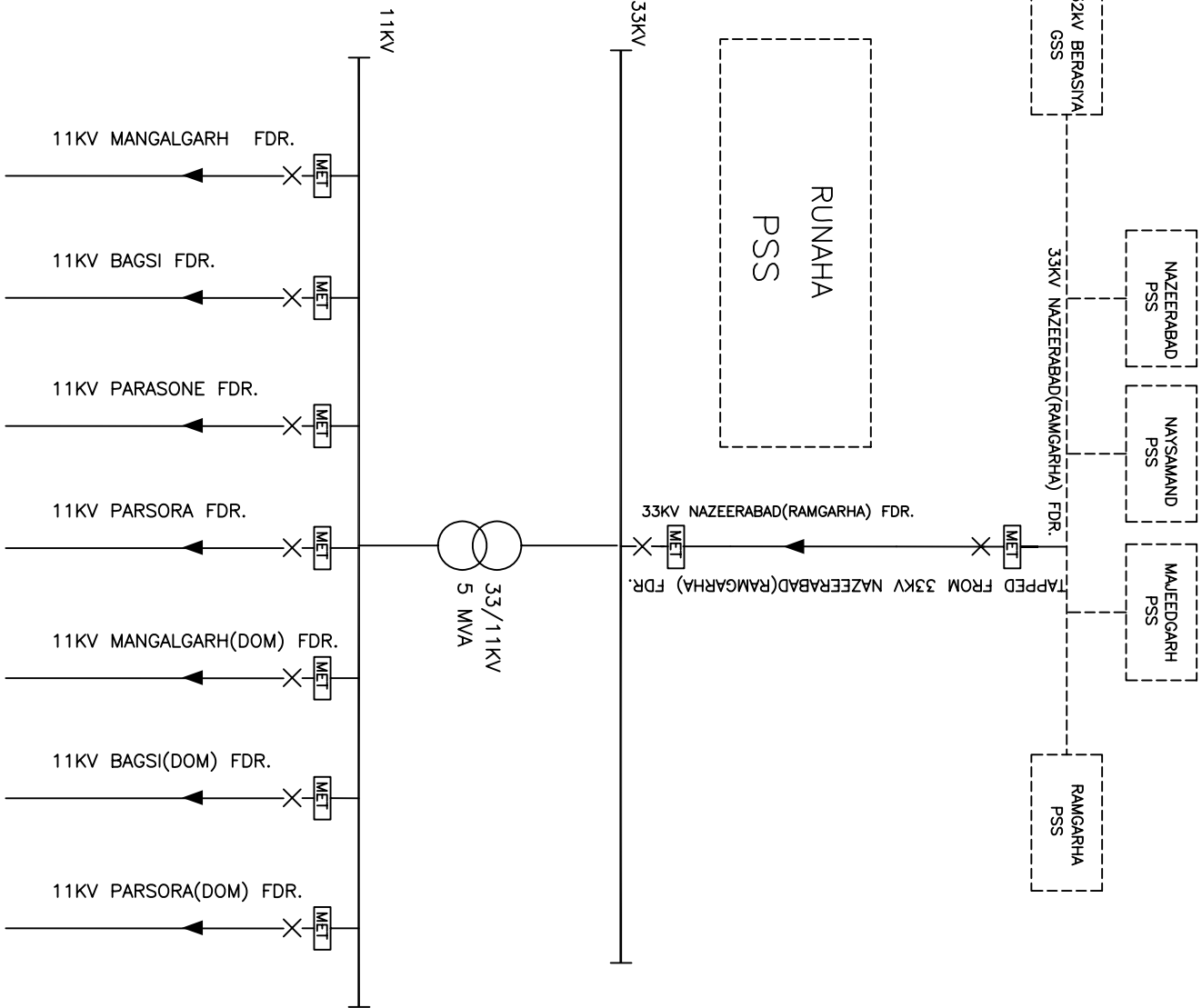


ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

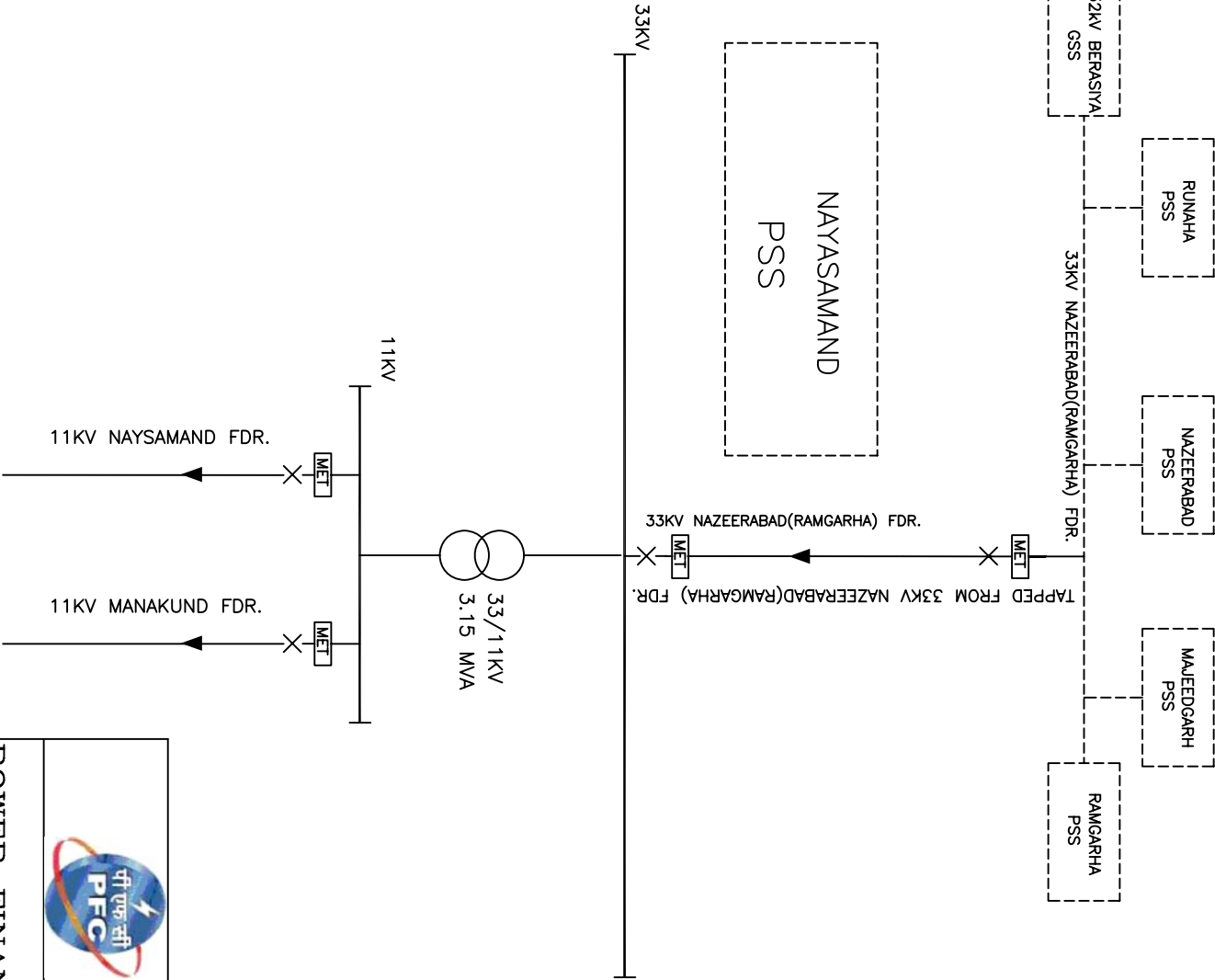
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UPTO DTR POINT
FOR BHOPAL O&M DIVISION
UNDER BHOPAL O&M CIRCLE.

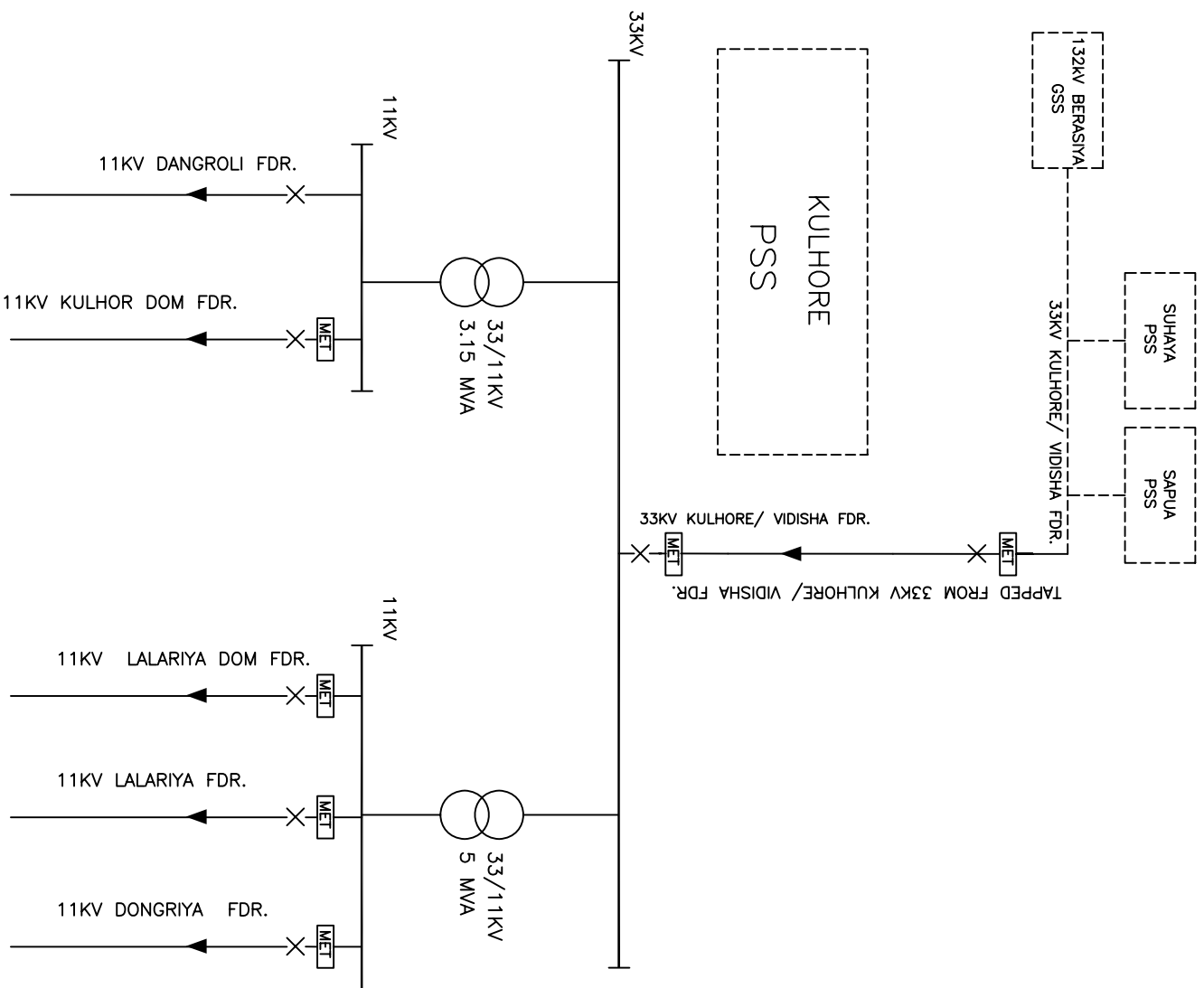
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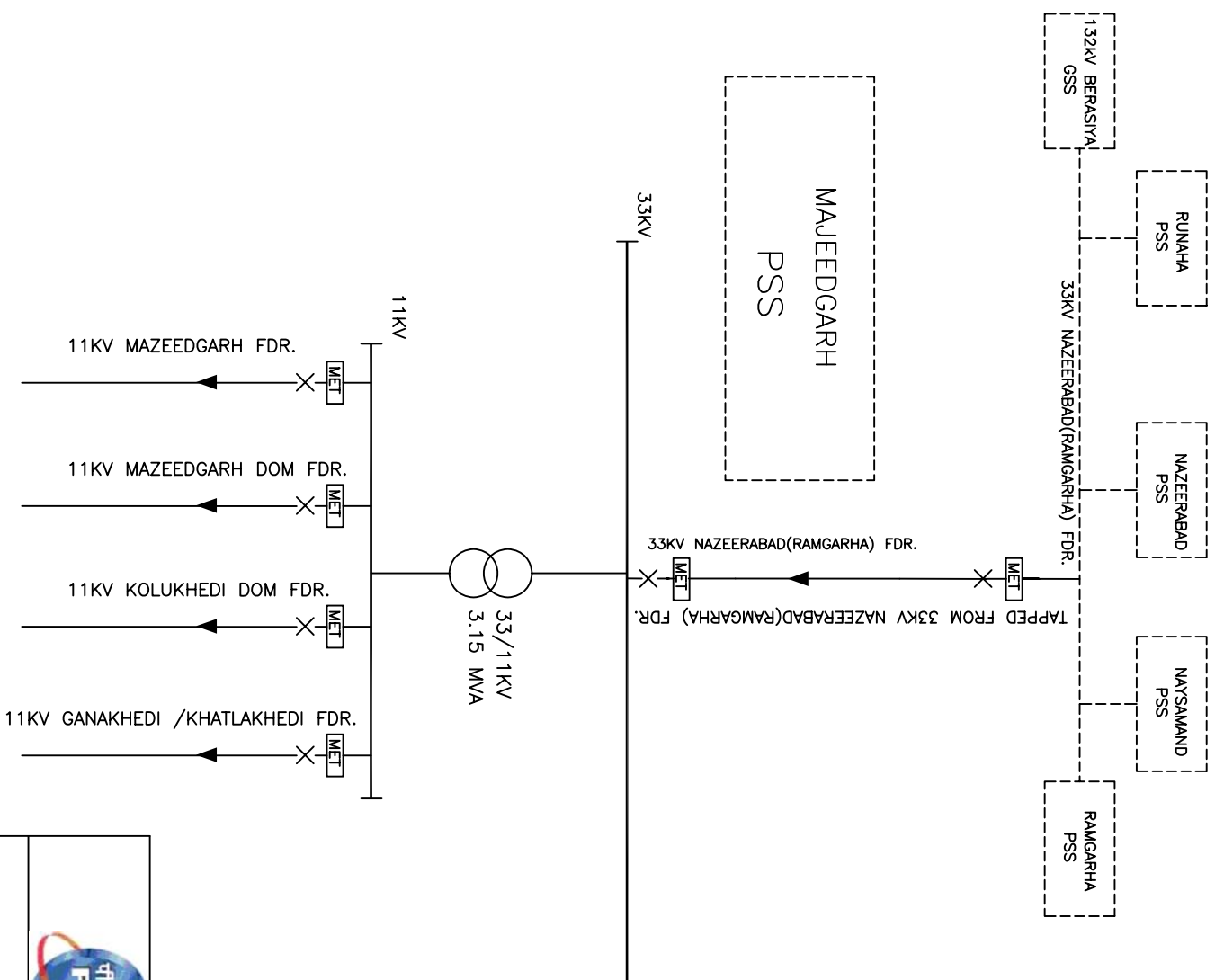


NAYASAMAND PSS



KULHORE PSS

MAJ EEDGARH PSS



Bhopal O&M Division

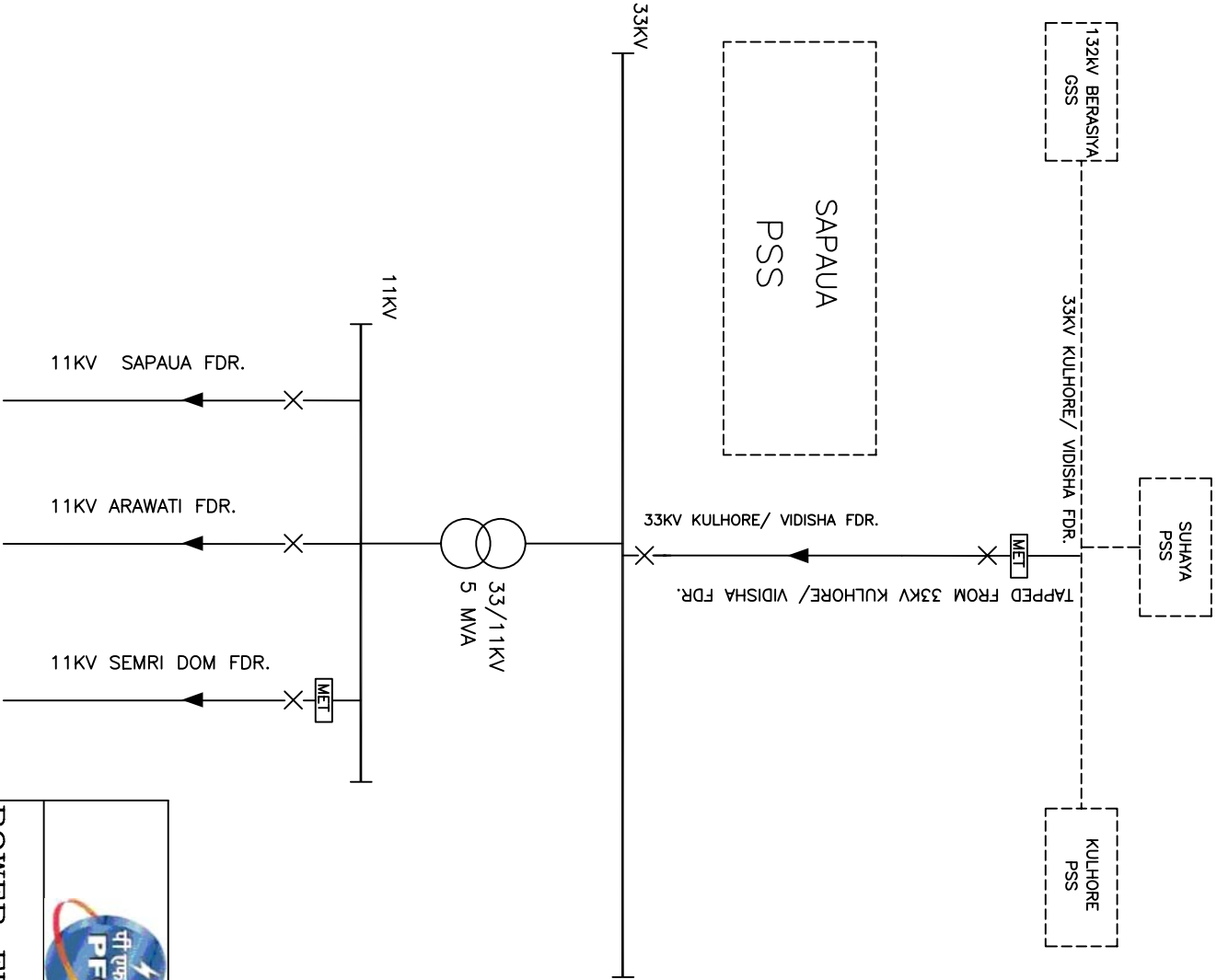
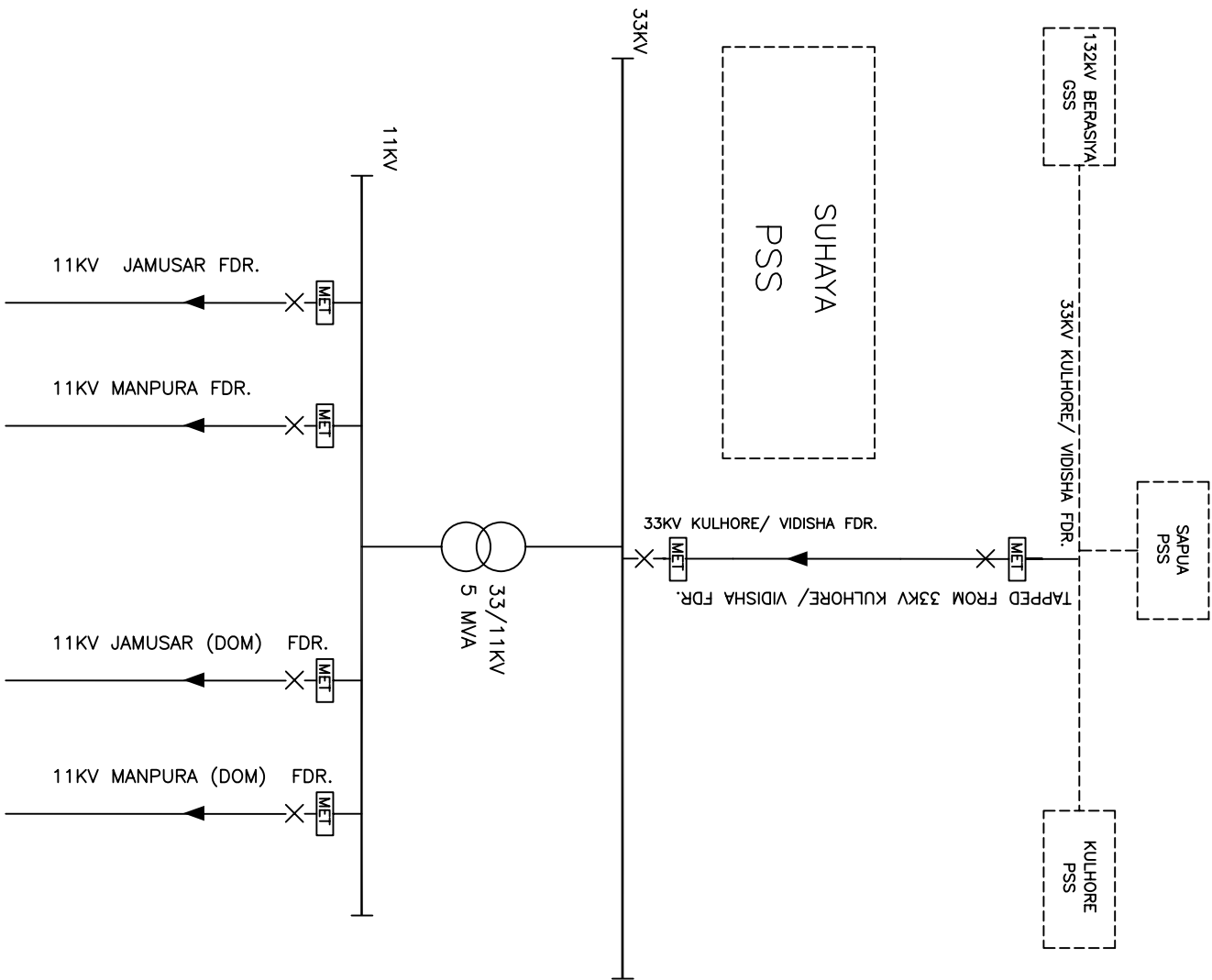
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SUHAYA PSS

SAPAUA PSS



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DRG. NO. MRC/11/q709/BPL/EL/ID/005									
SHEET 9 OF 17									
REV. 0									
ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.									
33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.									



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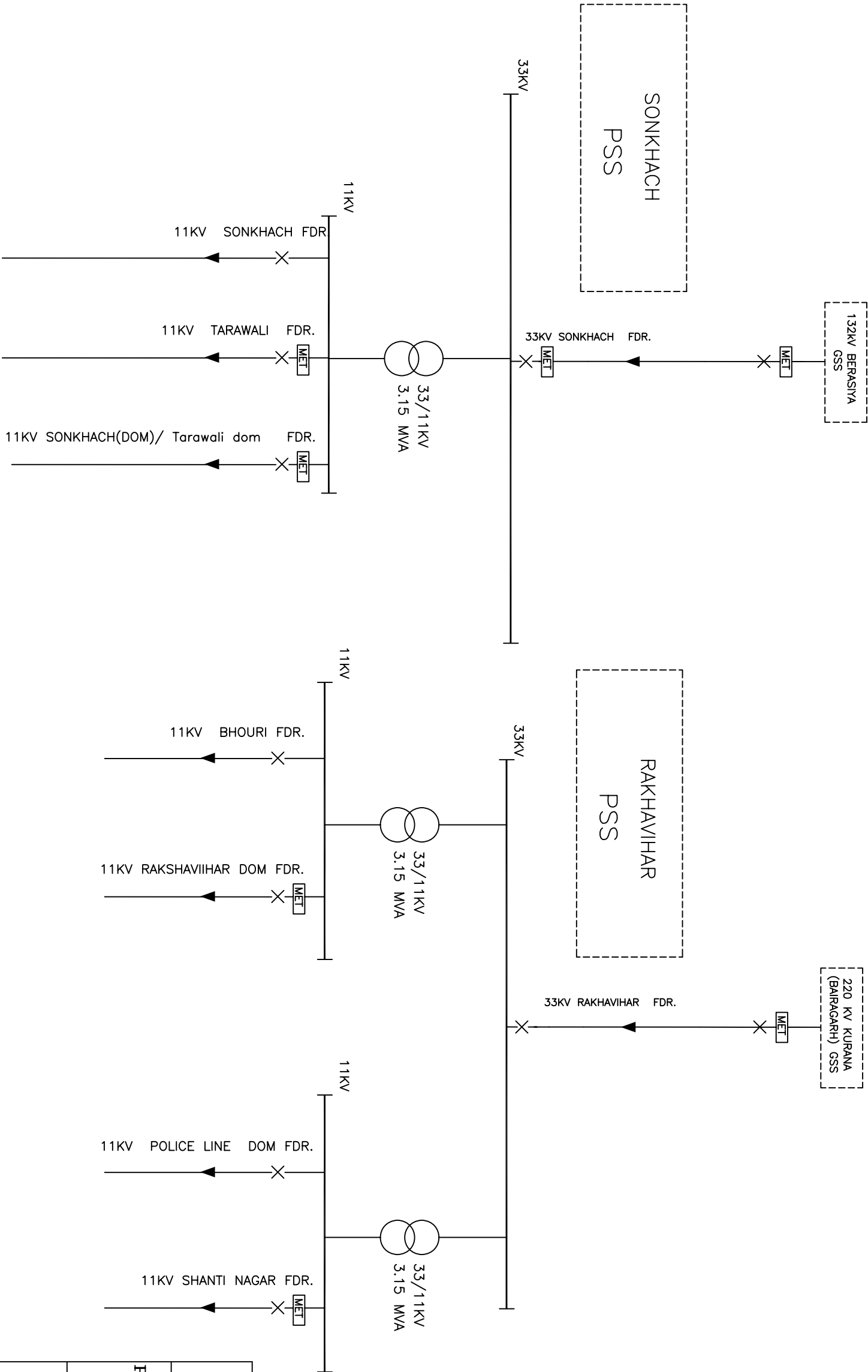
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ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SONKHACH PSS

RAKHAVIHAR PSS



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MECON LIMITED

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SAMIR MONDAL

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

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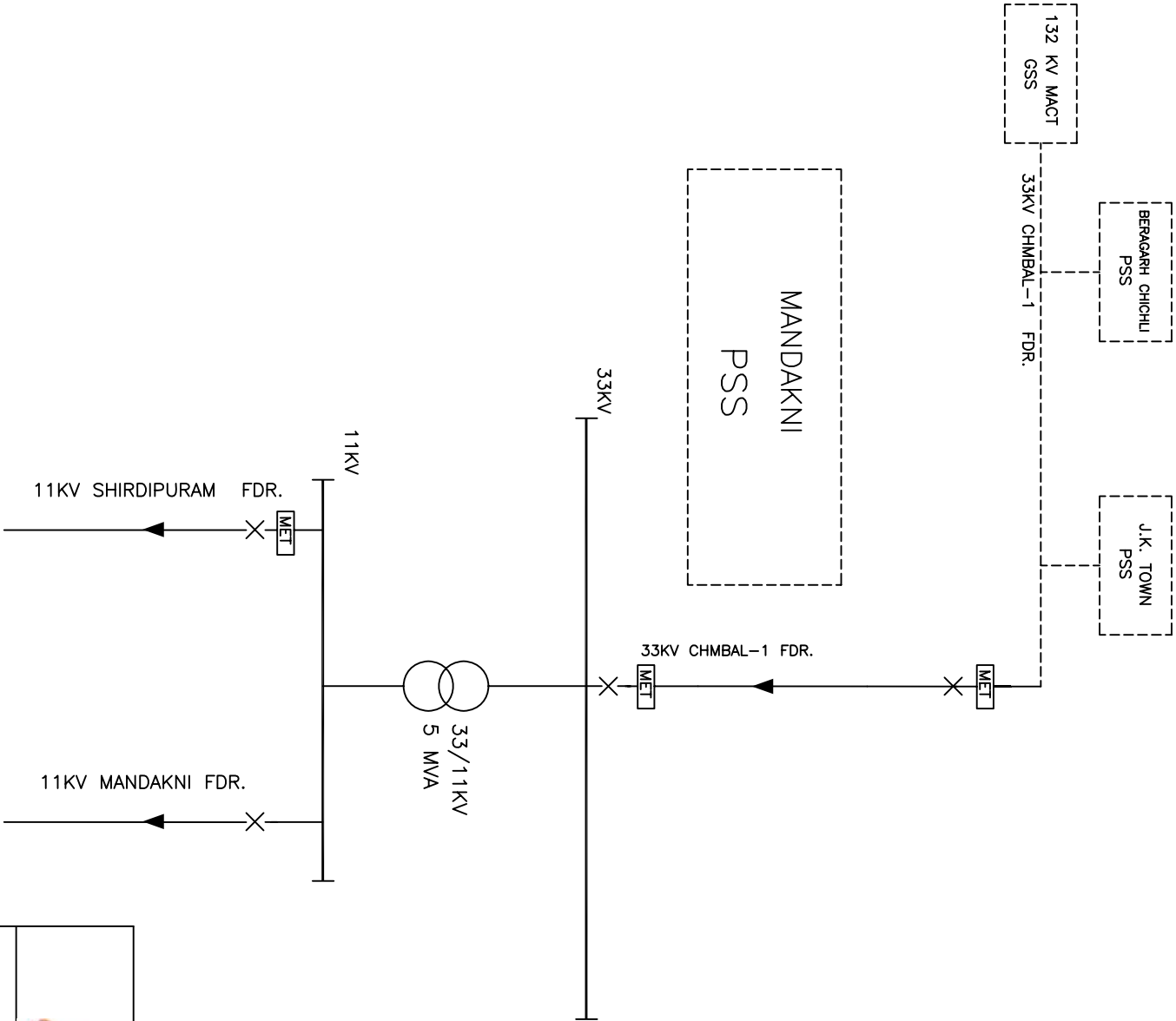
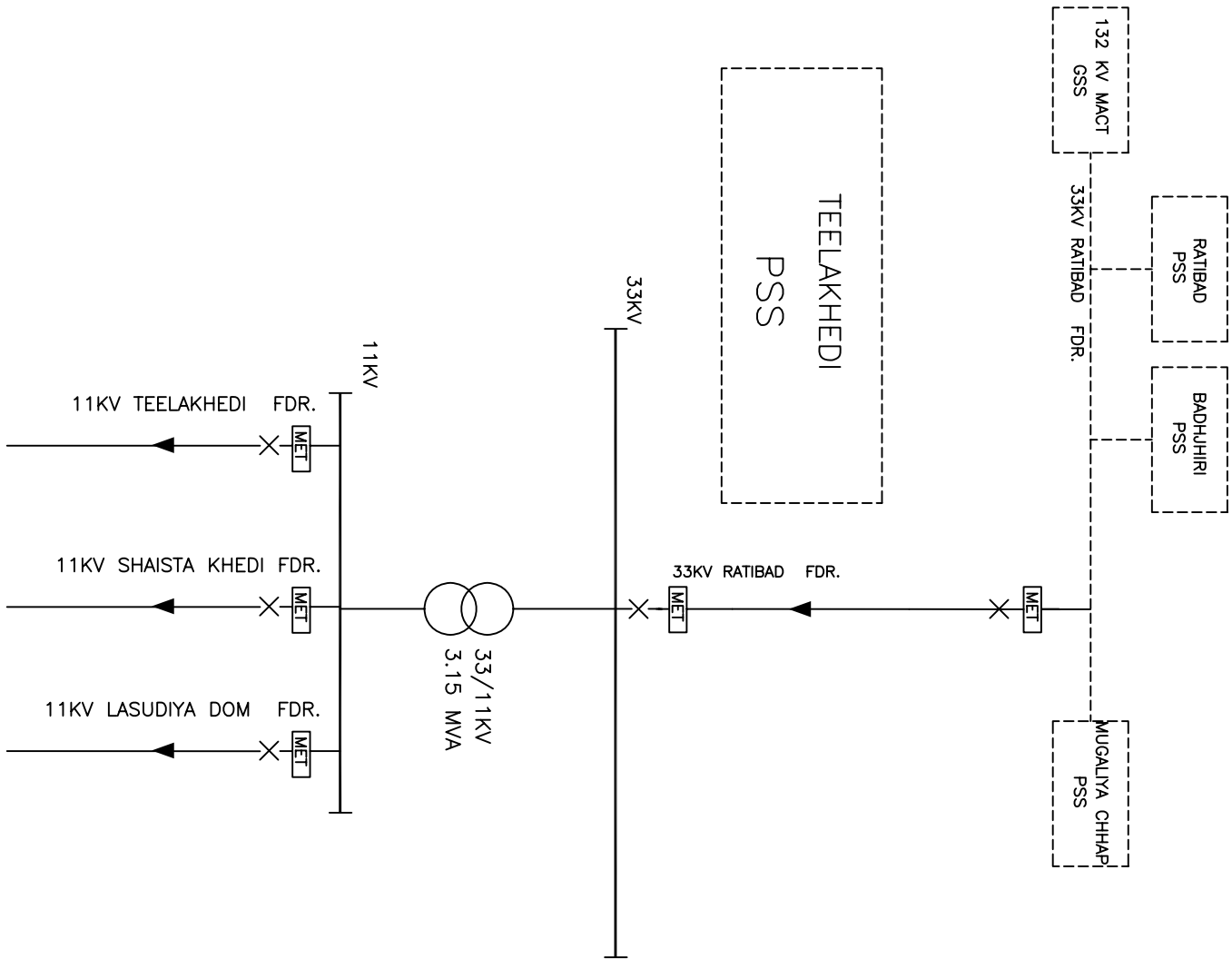
SHEET 10 OF 17

REV. 0

TEELAKHEDI PSS

MANDAKNI PSS

BHOPAL O&M DIVISION



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SECTION

ELECTRICAL POWER

LOCATION

RANCHI

DESIGNED

SHAHANWAZ AHMAD

DRAWN

SHAHANWAZ AHMAD

CHECKED AND VERIFIED

SAMIR MONDAL

APPROVED

S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR BHOPAL O&M DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

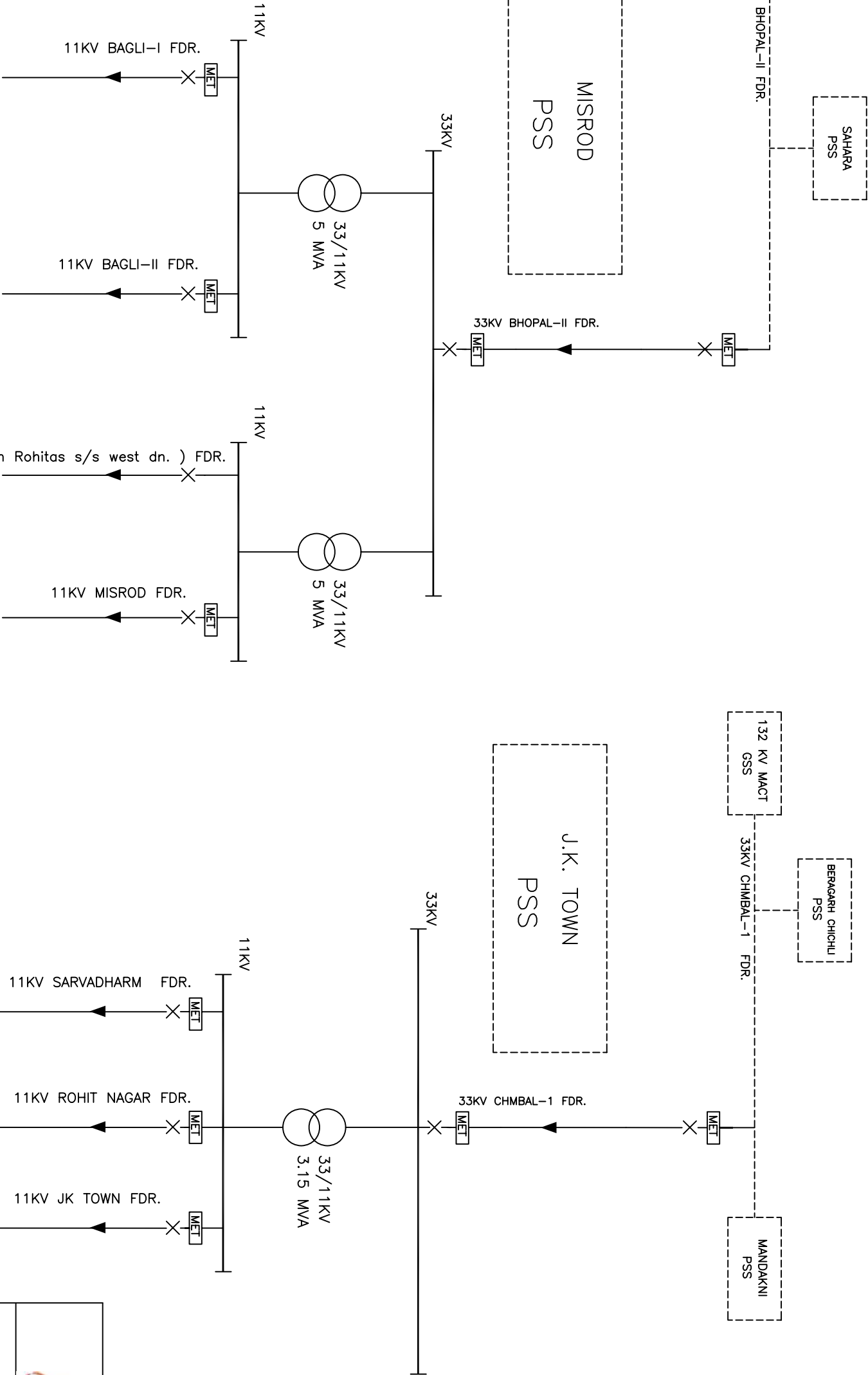
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SHEET 15 OF 17

REV. 0

MISROD PSS

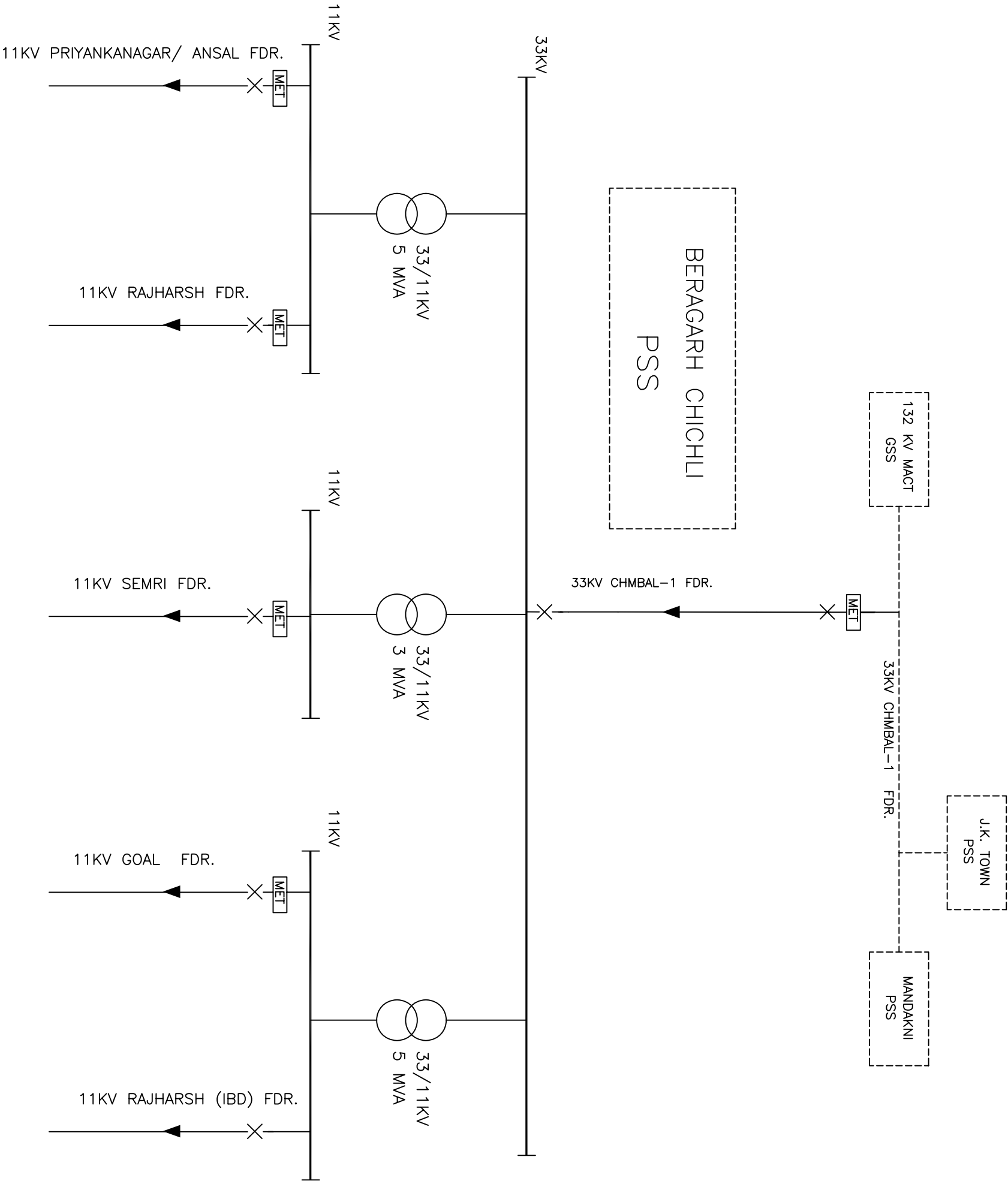
J.K.TOWN PSS



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BERAGARH CHICHLI PSS

BHOPAL O&M DIVISION



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श्रीगोपल
मिनिटेस

POWER FINANCE CORPORATION.
NEW DELHI.

MECON LIMITED

SECTION
ELECTRICAL
POWER
RANCHI

DESIGNED
N.R.MOHANTY
SHAHANWAZ AHMAD

DRAWN
N.R.MOHANTY
SHAHANWAZ AHMAD

CHECKED
AND
VERIFIED
SAMIR MONDAL

APPROVED

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR BHOPAL O&M DIVISION
UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

DRG.NO.MRC/11/q709/BPL/EL/ID/005

SHEET
17 OF 17

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NEW DELHI.

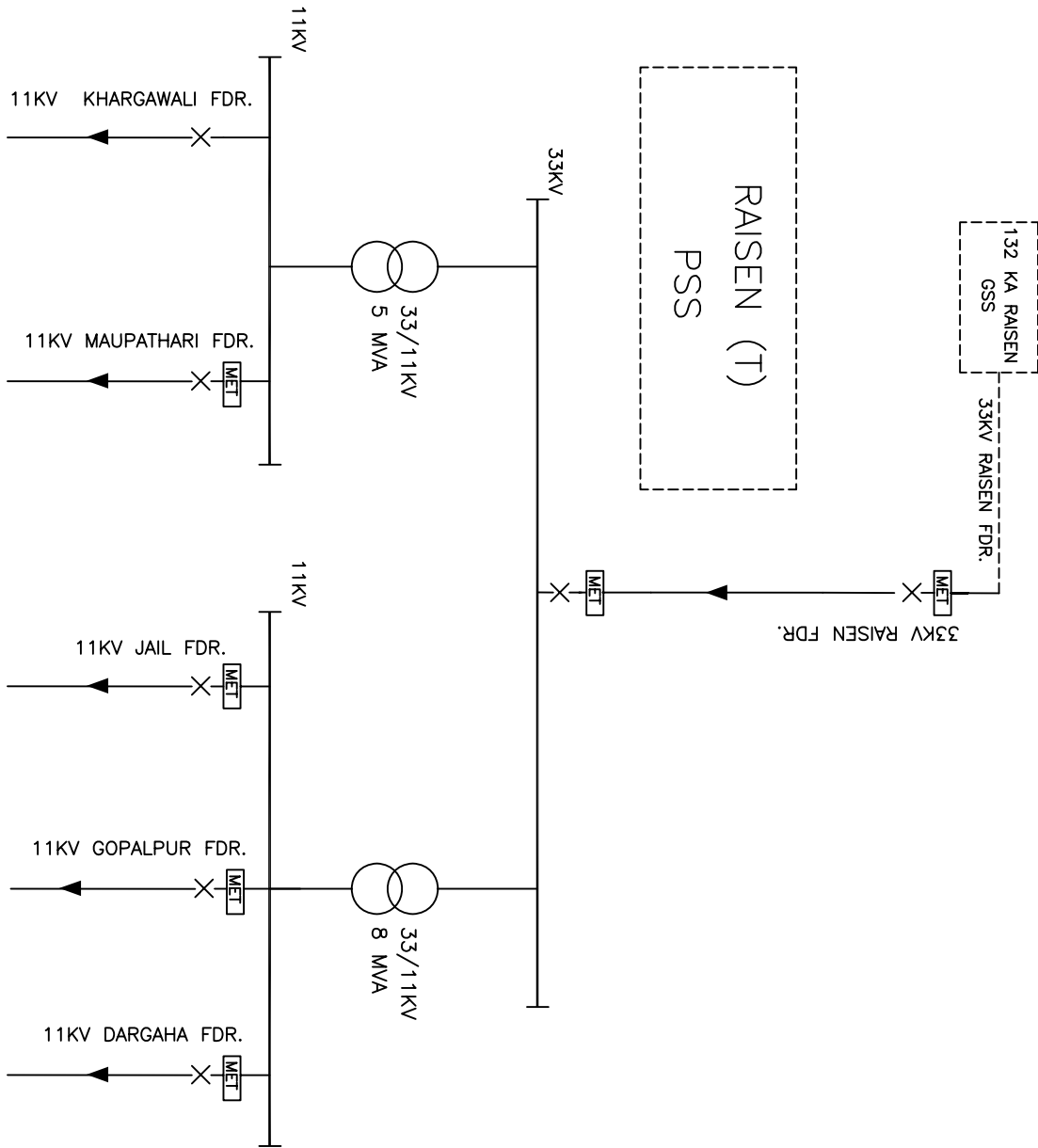
CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR RAISEN DIVISION UNDER
BHOPAL O&M CIRCLE.**

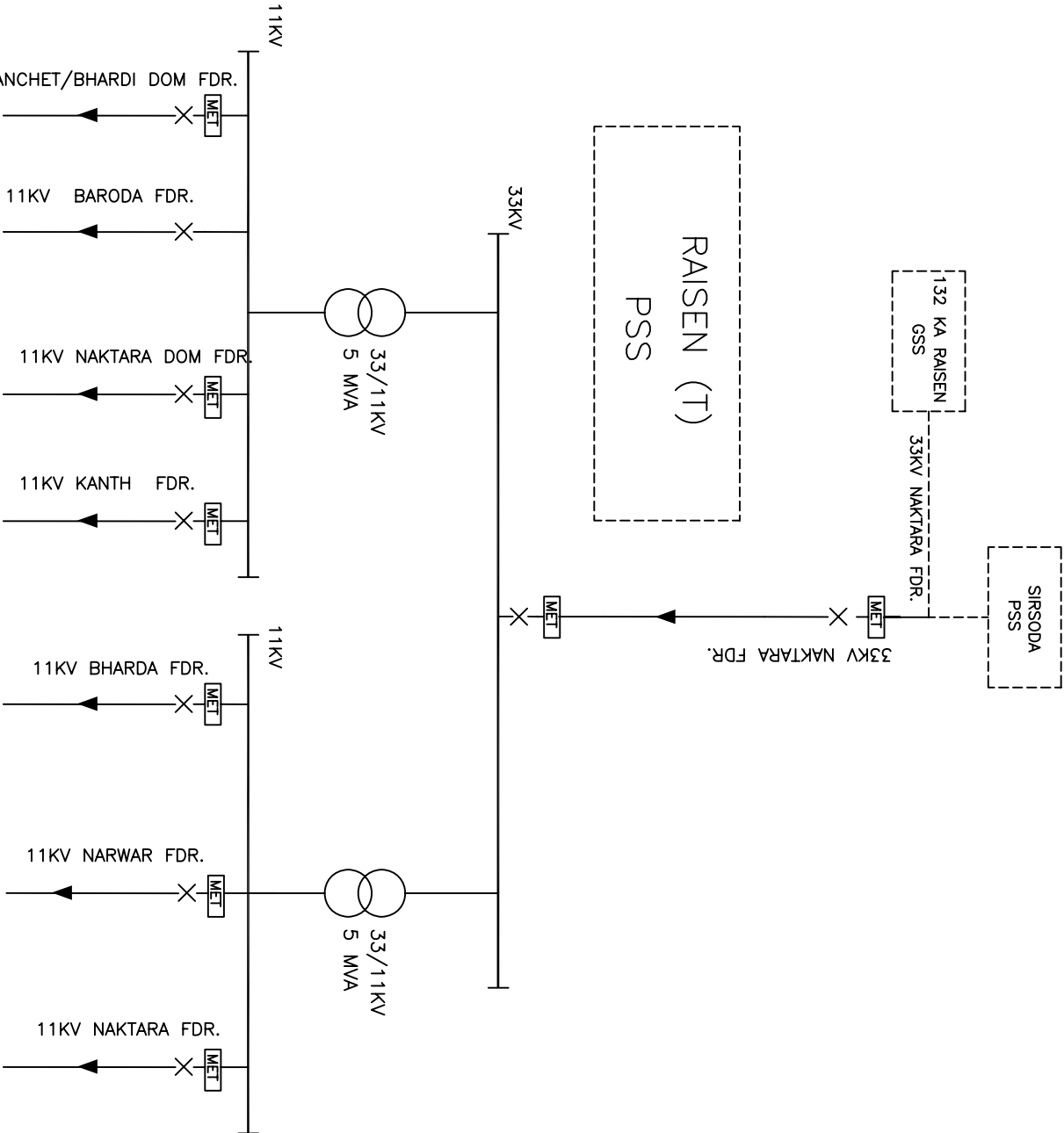
Drawing No. : MEC/11/O709/BHP/E1/ID/006

No. of Sheets: 16

RAISEN- (RAISEN (T) PSS)



RAISEN- (NAKTARA PSS)



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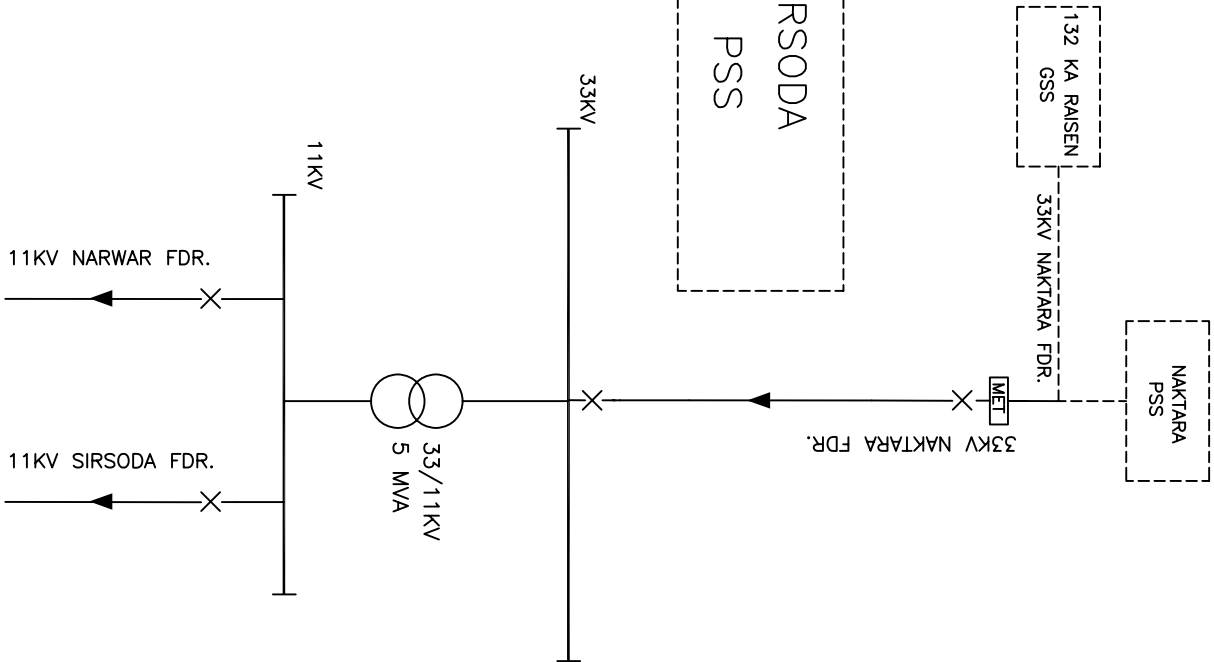


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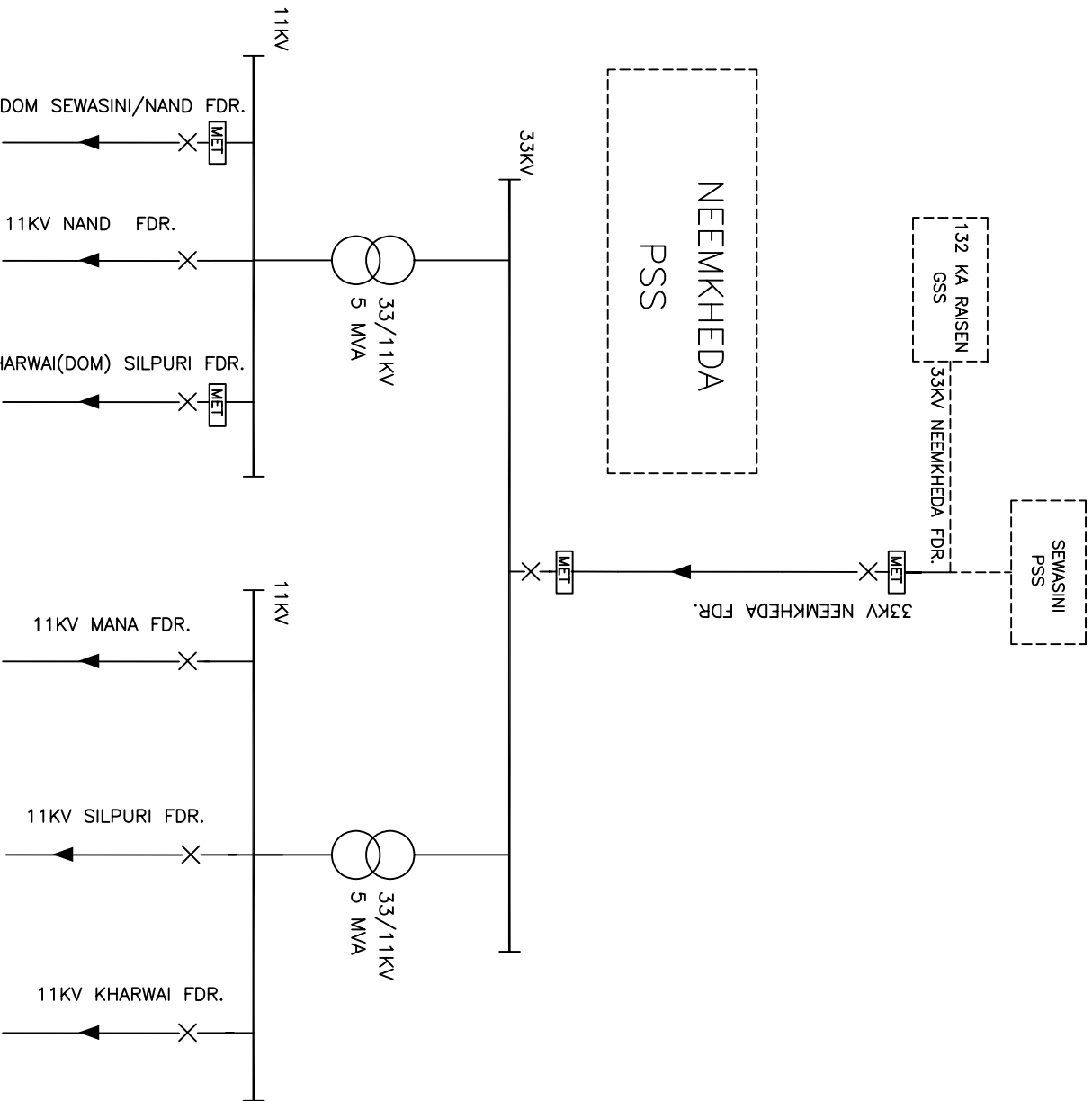
POWER FINANCE CORPORATION. NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.

RAISEN – (SIRSODA PSS)



RAISEN – (NEEMKHEDA PSS)



RAISEN DIVISION

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POWER FINANCE CORPORATION.
NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

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MECON LIMITED

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SHANAWAZ AHMAD

SAHIR MONDAL

APPROVED

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR RAISEN DIVISION UNDER BHOPAL O&M CIRCLE.

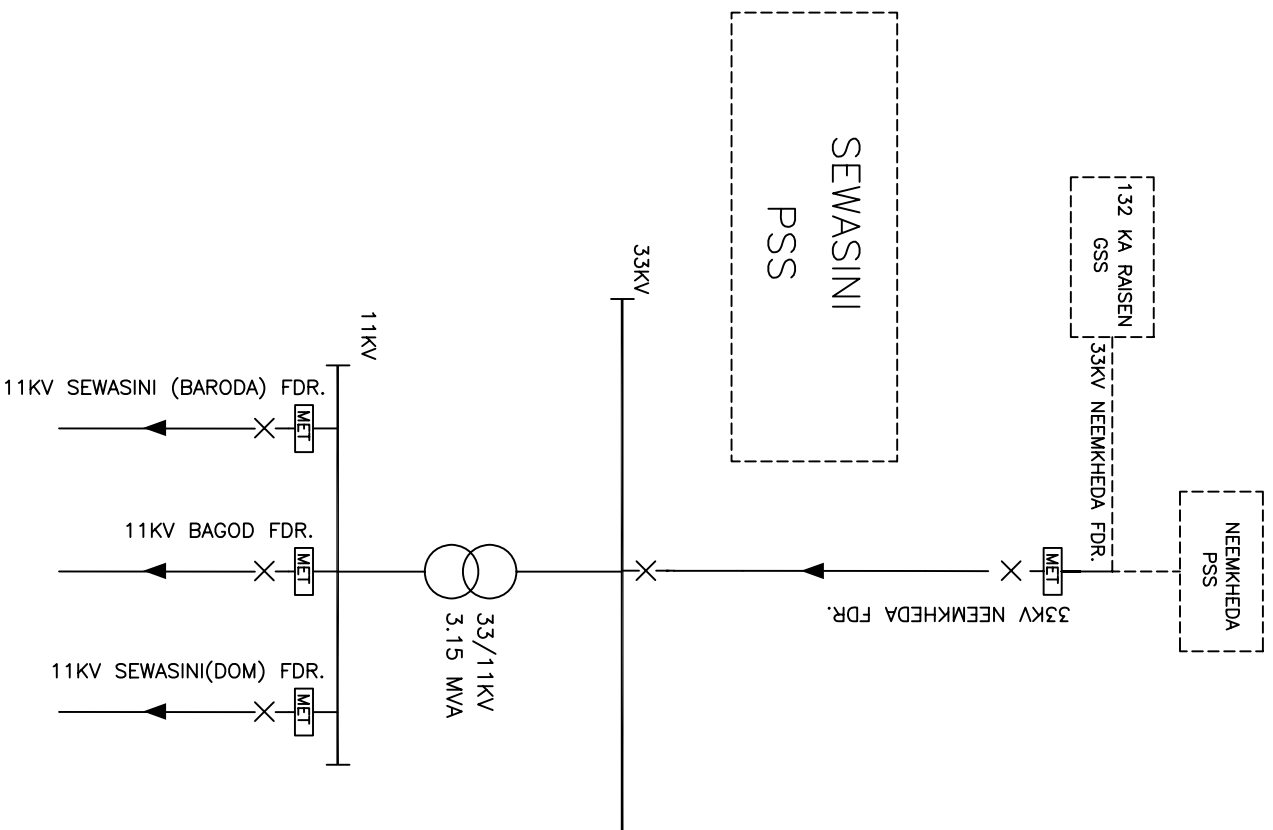
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DRG.NO.MEC/11/q708/BPL/EL/ID/006

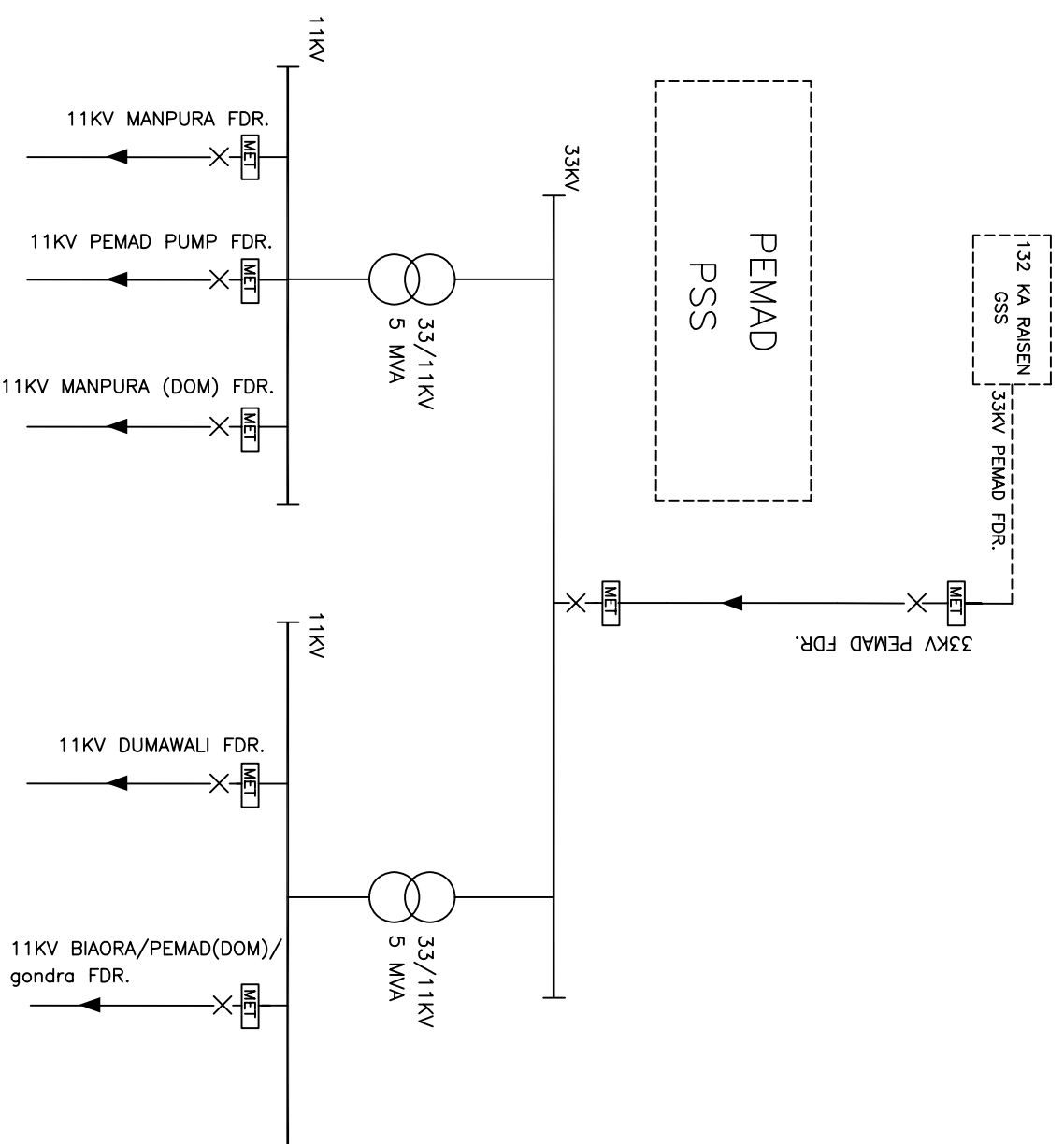
SHEET 2 OF 16

REV. 0

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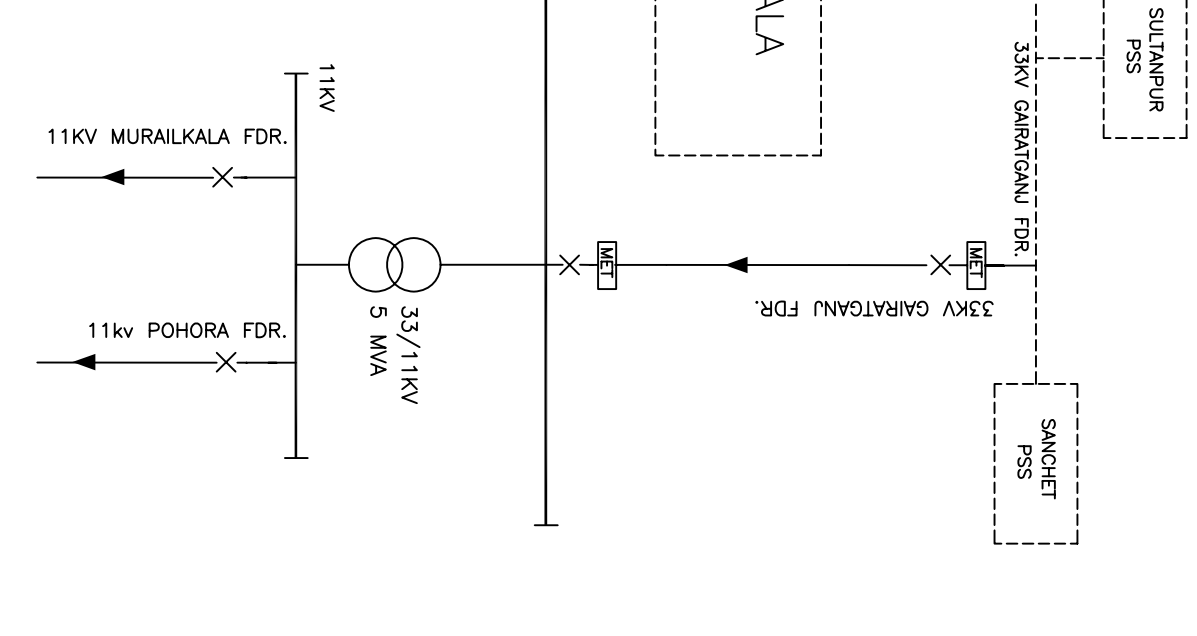
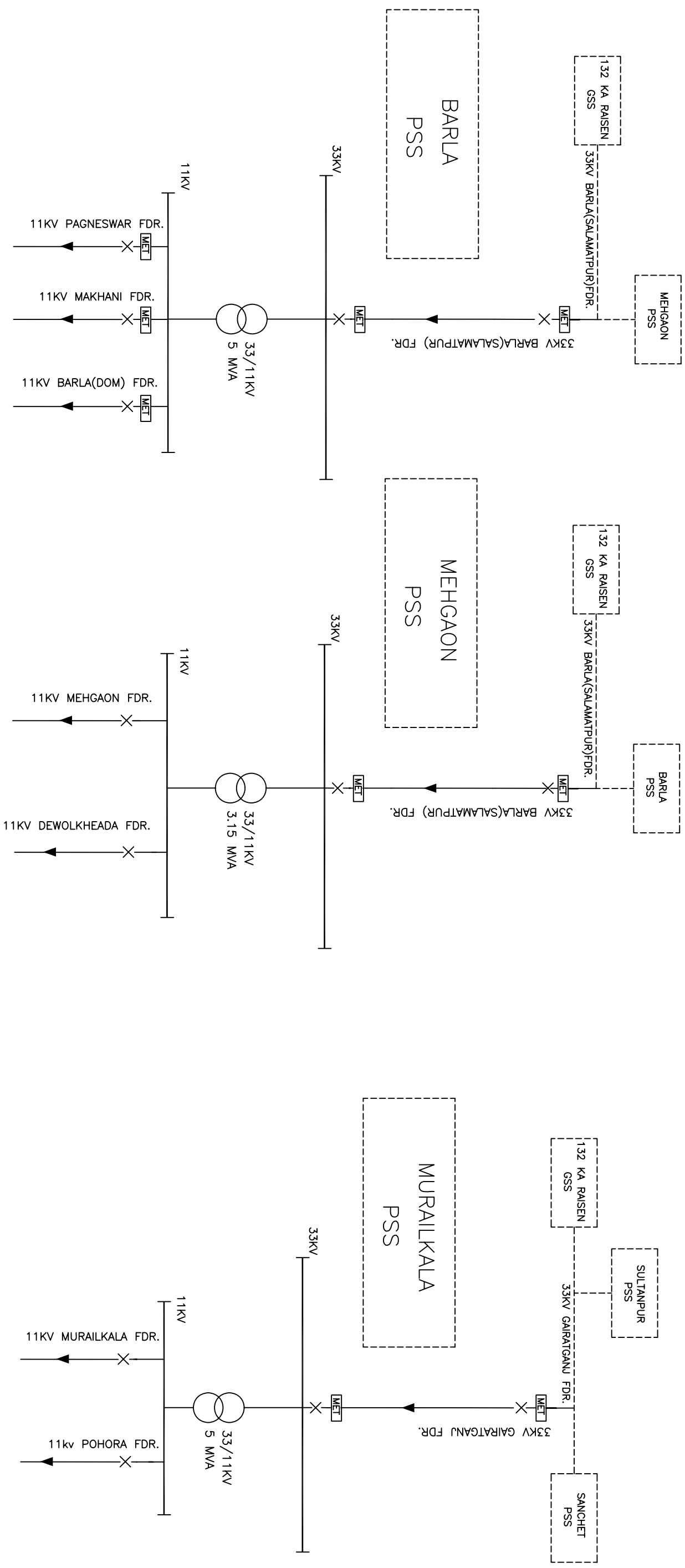
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RAISEN- (BARLA PSS)

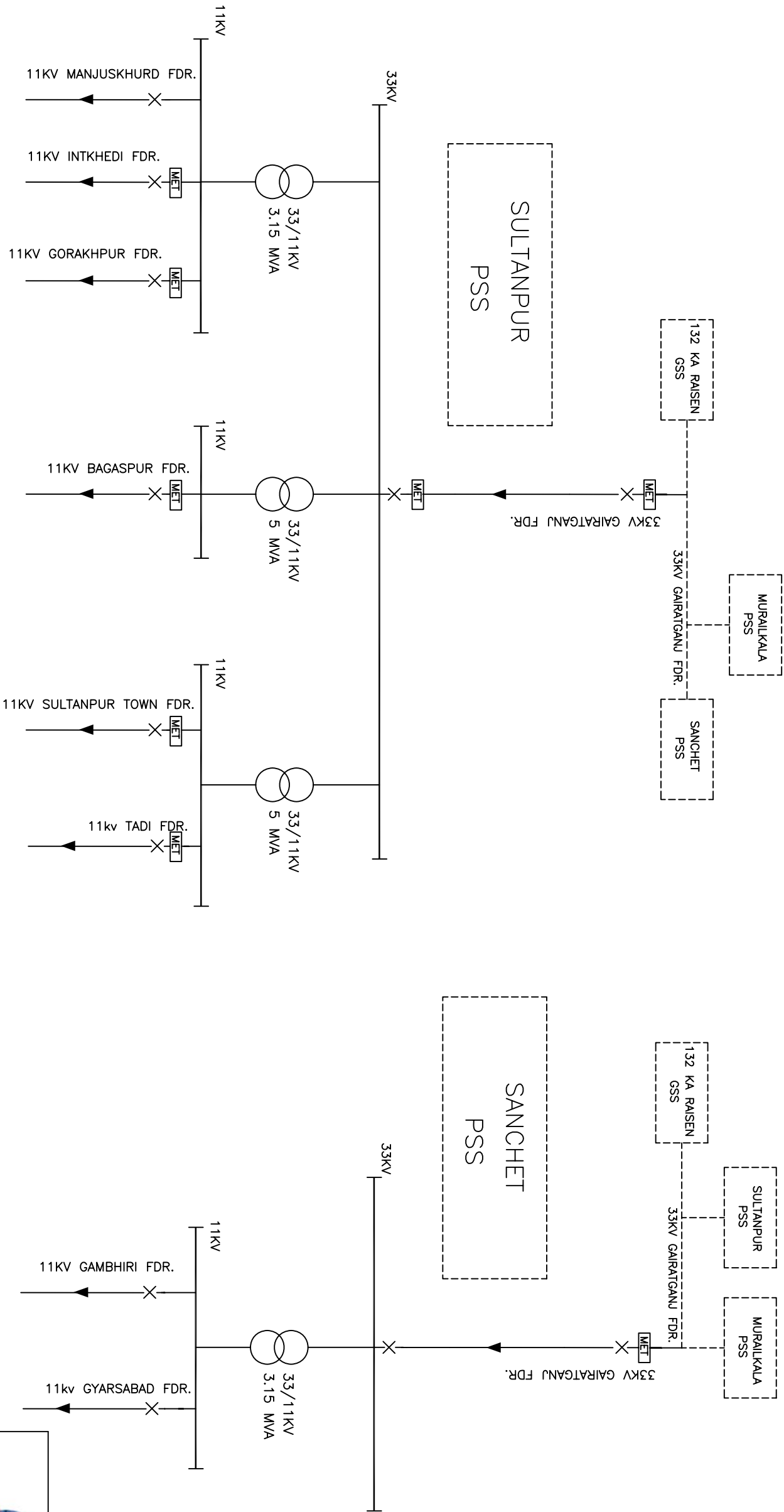
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RAISEN - (MURAILKALA PSS)

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RAISEN – (SULTANPUR PSS)

RAISEN – (SANCHET PSS)



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POWER FINANCE CORPORATION.
NEW DELHI.

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

SECTION

ELECTRICAL POWER

LOCATION

DESIGNED

DRAWN

CHECKED AND VERIFIED

APPROVED

RANCHI

N.R.MOHANTY
SHAHANWAZ AHMAD
N.R.MOHANTY
SHAHANWAZ AHMAD

33KV POWER INTERCONNECTION DIAGRAM
UPTO DTR POINT
FOR RAISEN DIVISION
UNDER BHOPAL O&M CIRCLE.

SCALE – N.T.S.

DRG.NO.MRC/11/q709/BPL/EL/ID/006

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

S.K. CHATTERJEE

SHEET 5 OF 16

REV. 0

NOTE: –

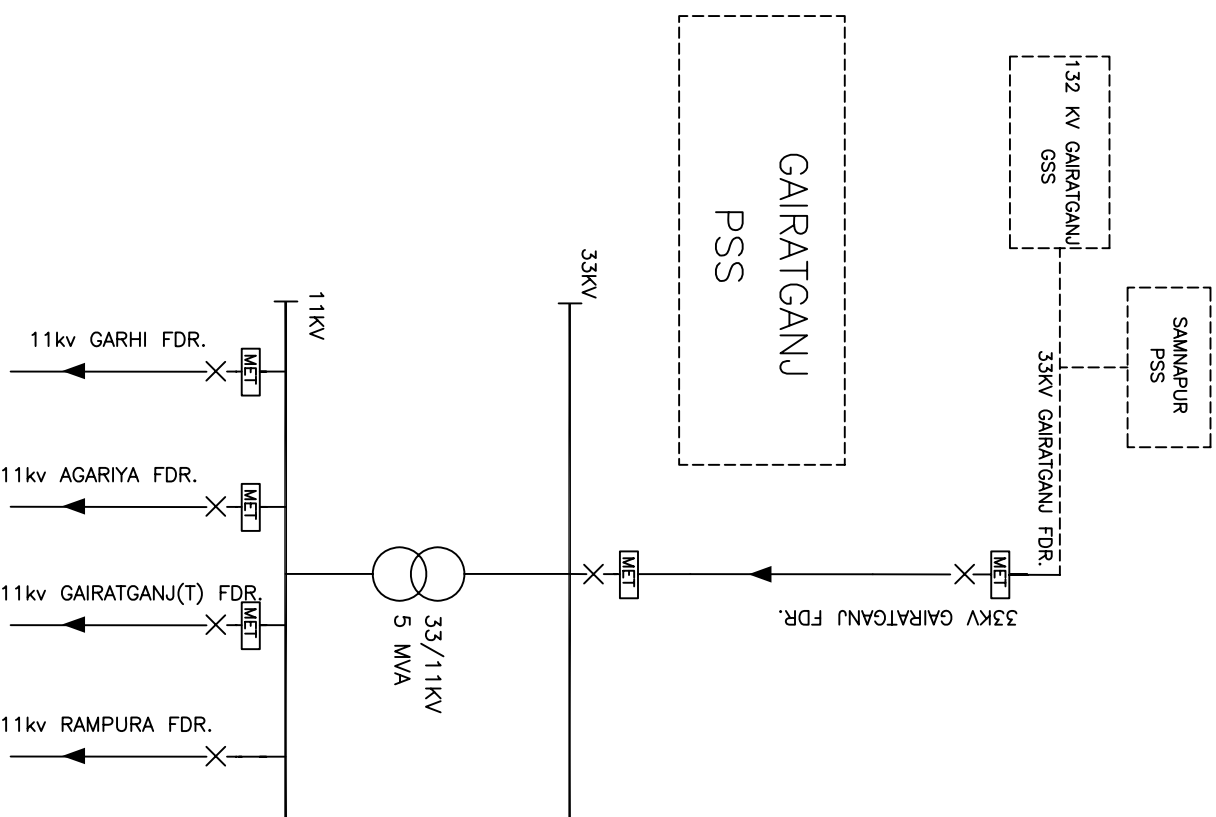
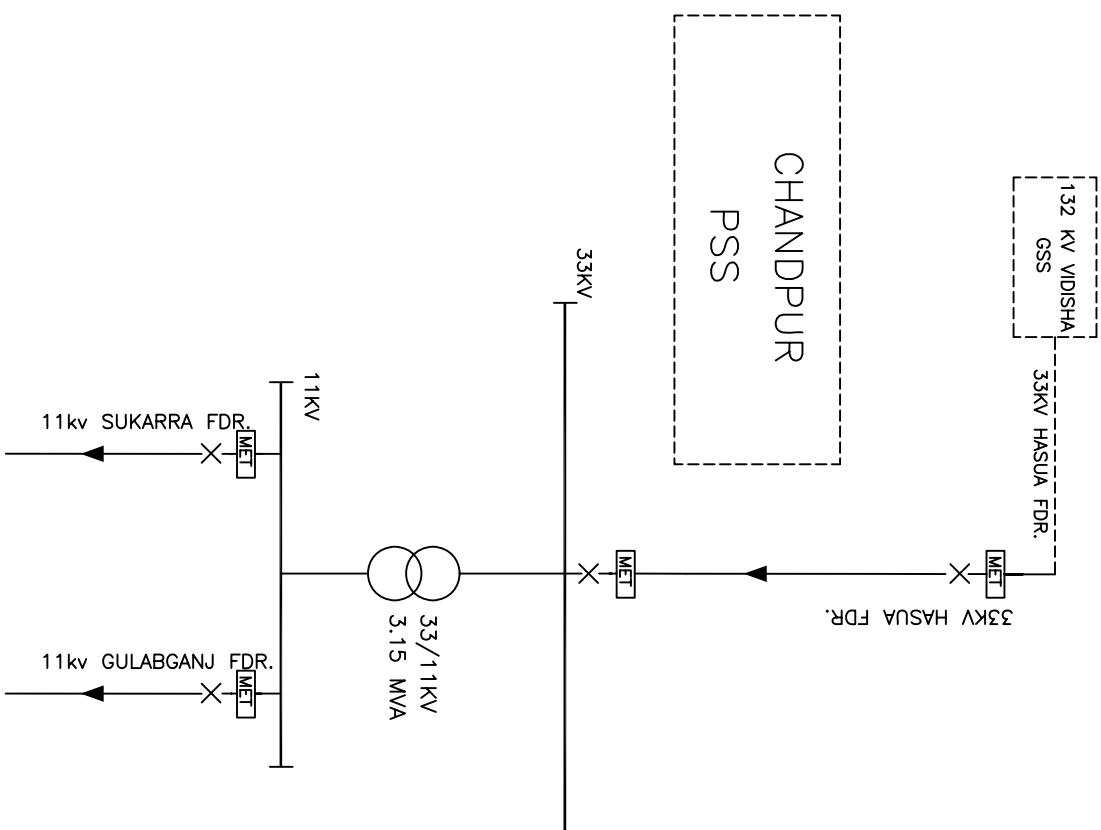
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RAISEN- (CHANDPUR PSS)

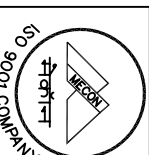
RAISEN- (GAIRATGANJ PSS)

RAISEN DIVISION



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REGULATORY
COMMISSION.
NEW DELHI.

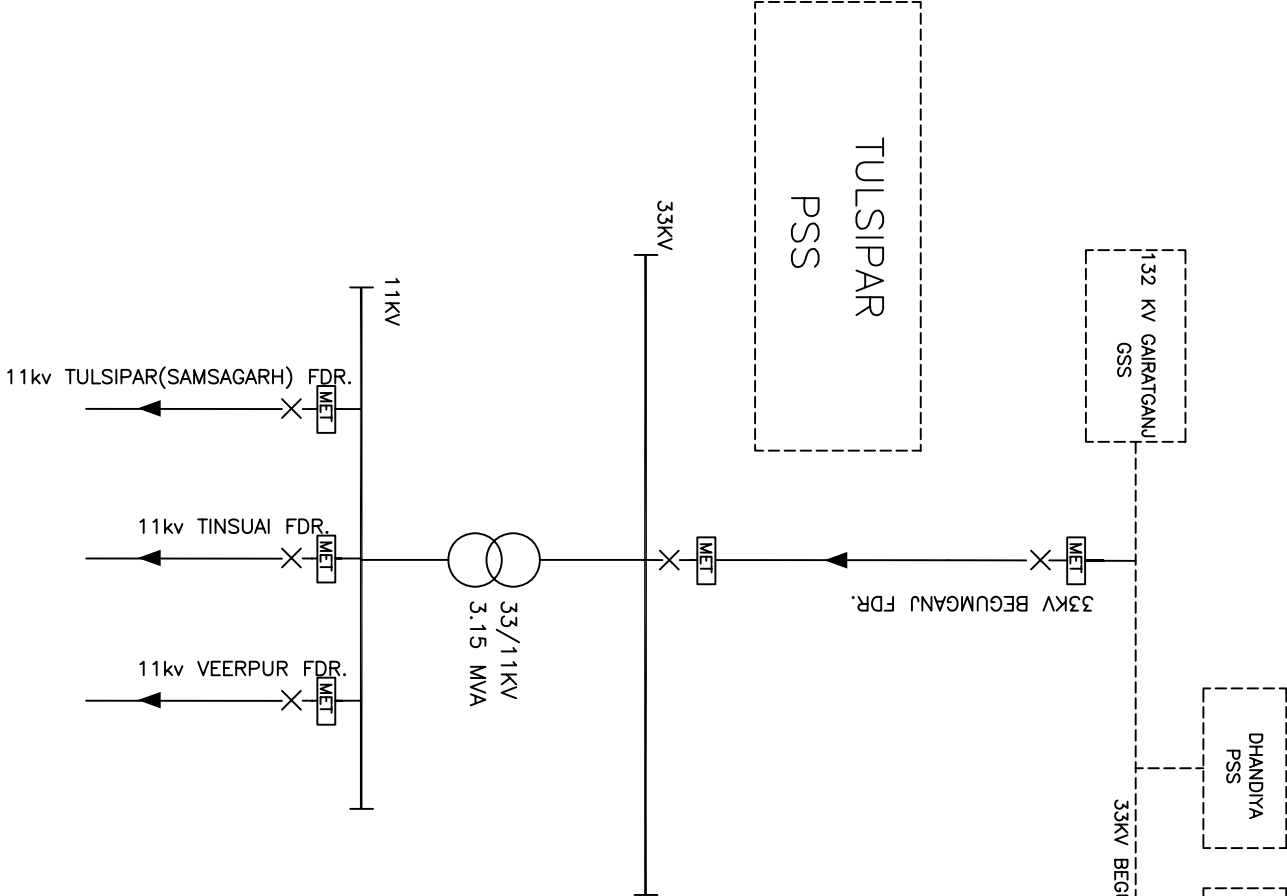
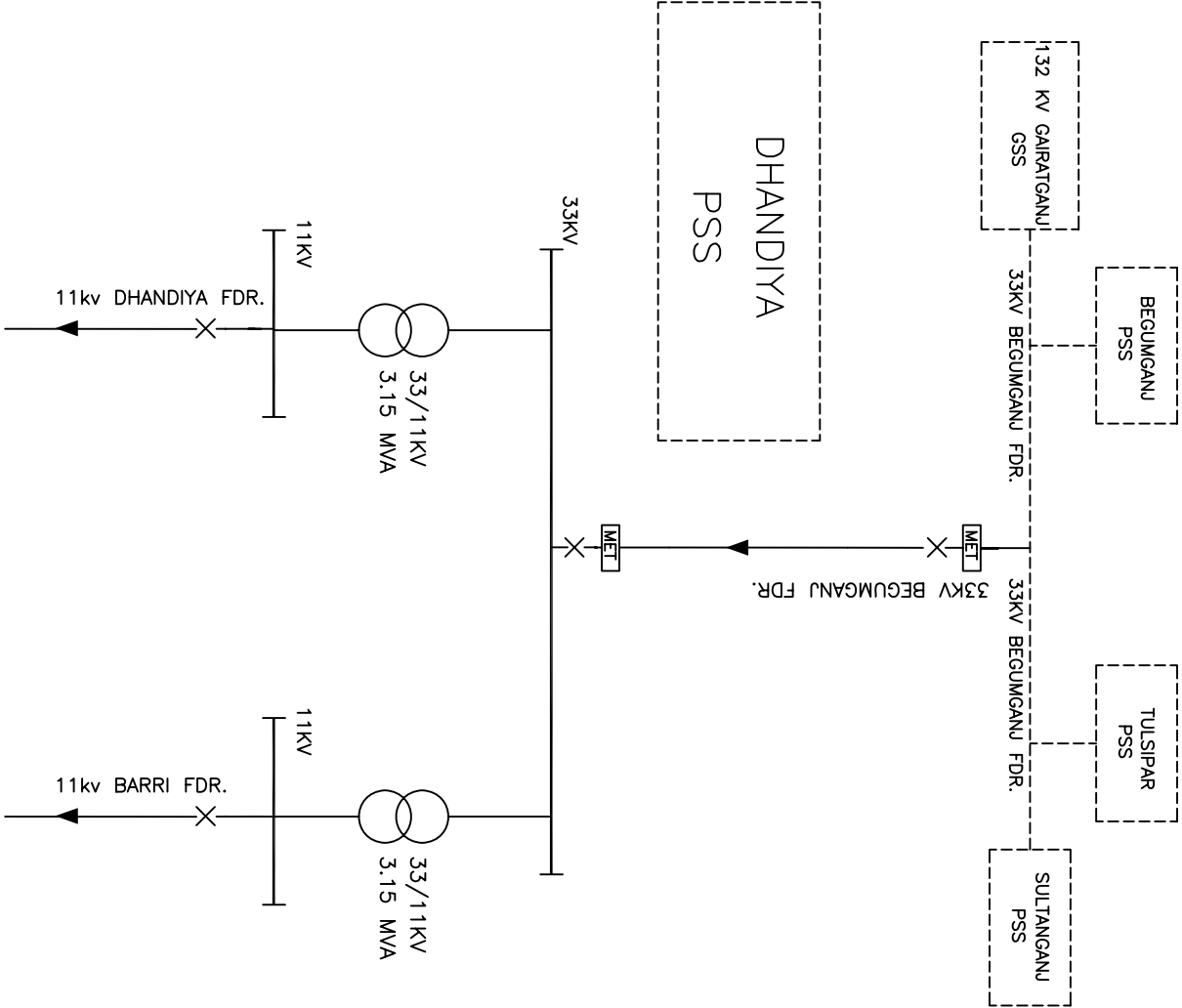


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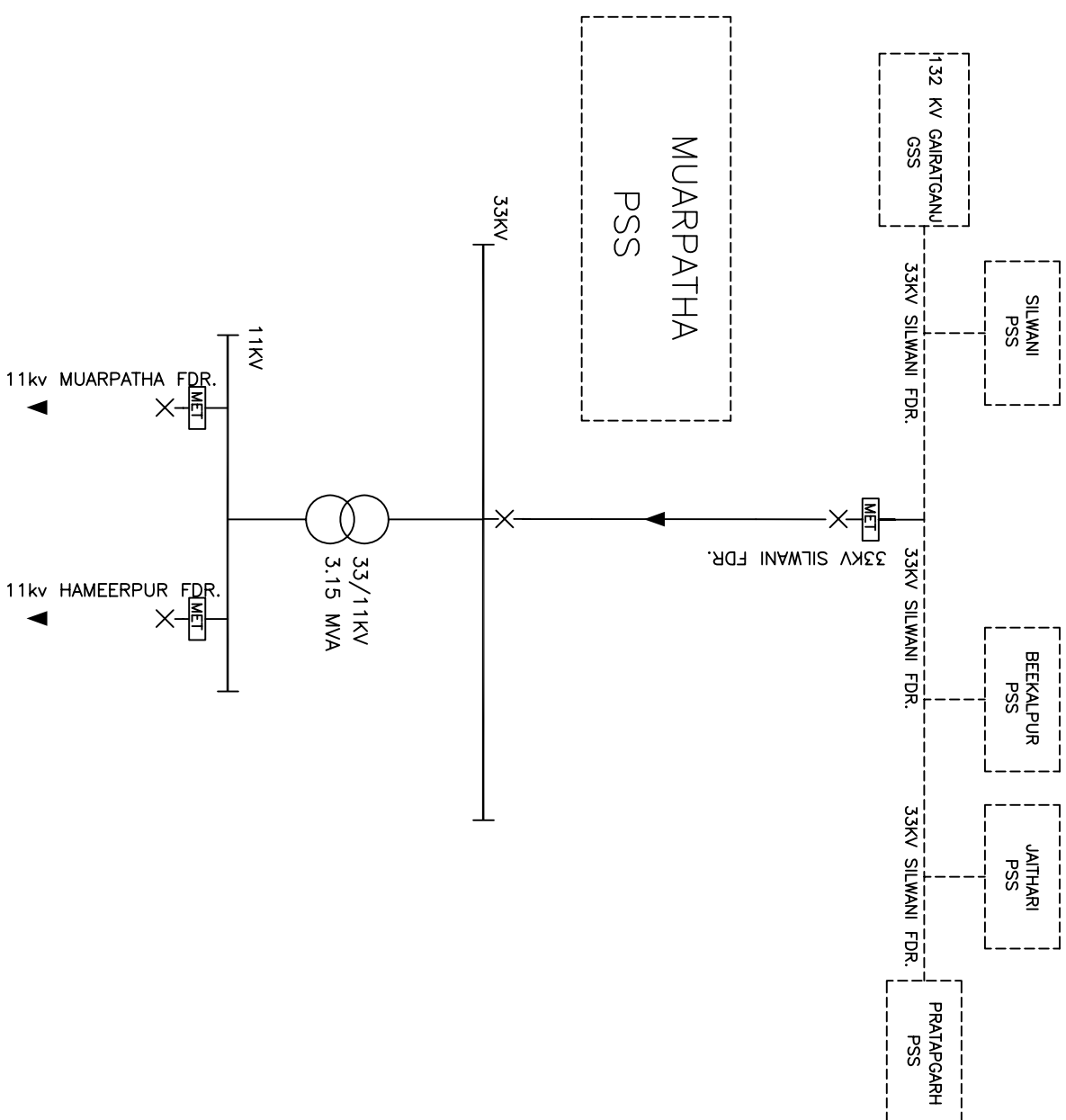
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RAISEN – (TULSIPAR PSS)

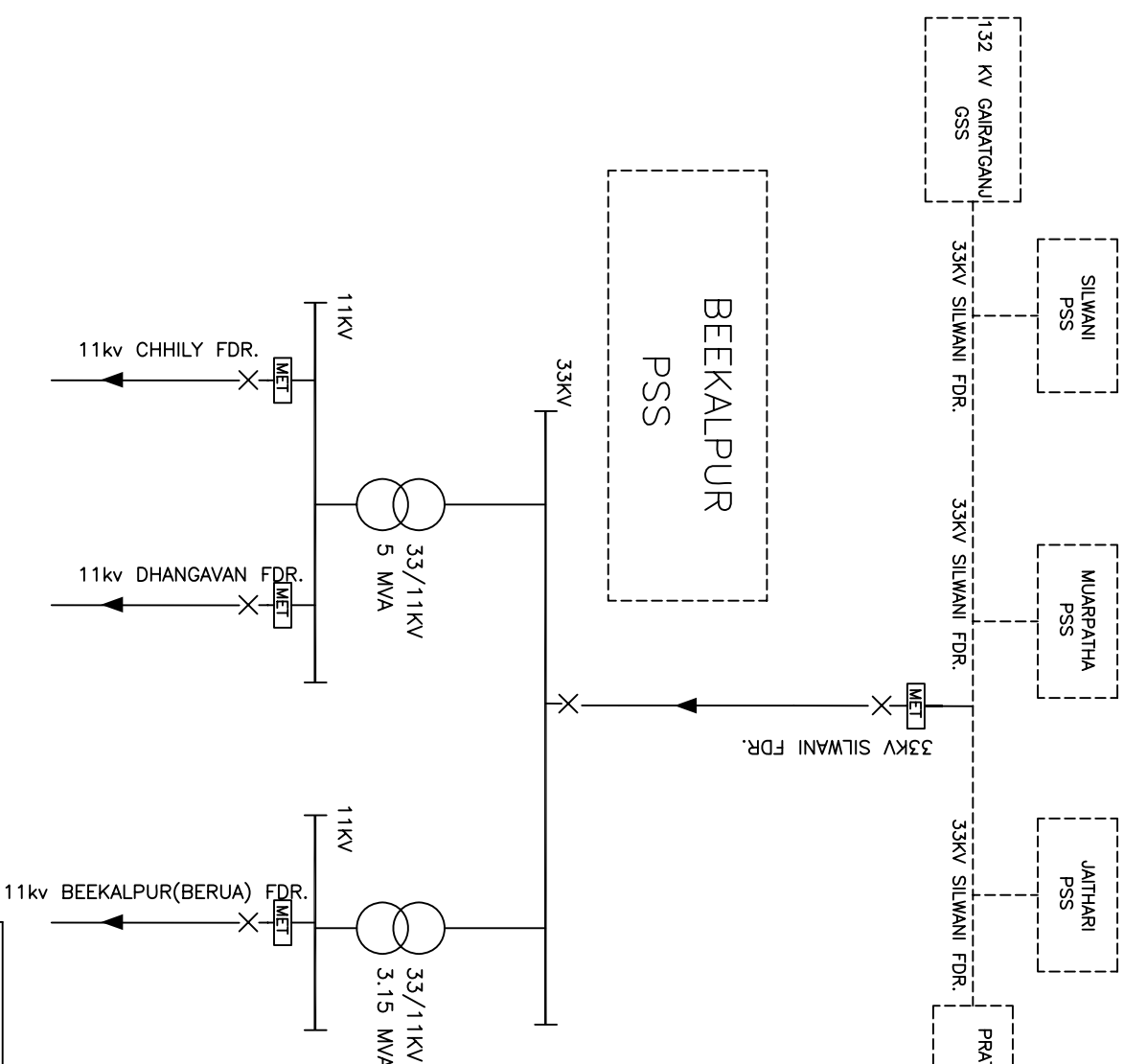


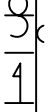
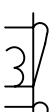
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RAISEN- (MUARPATHA PSS)

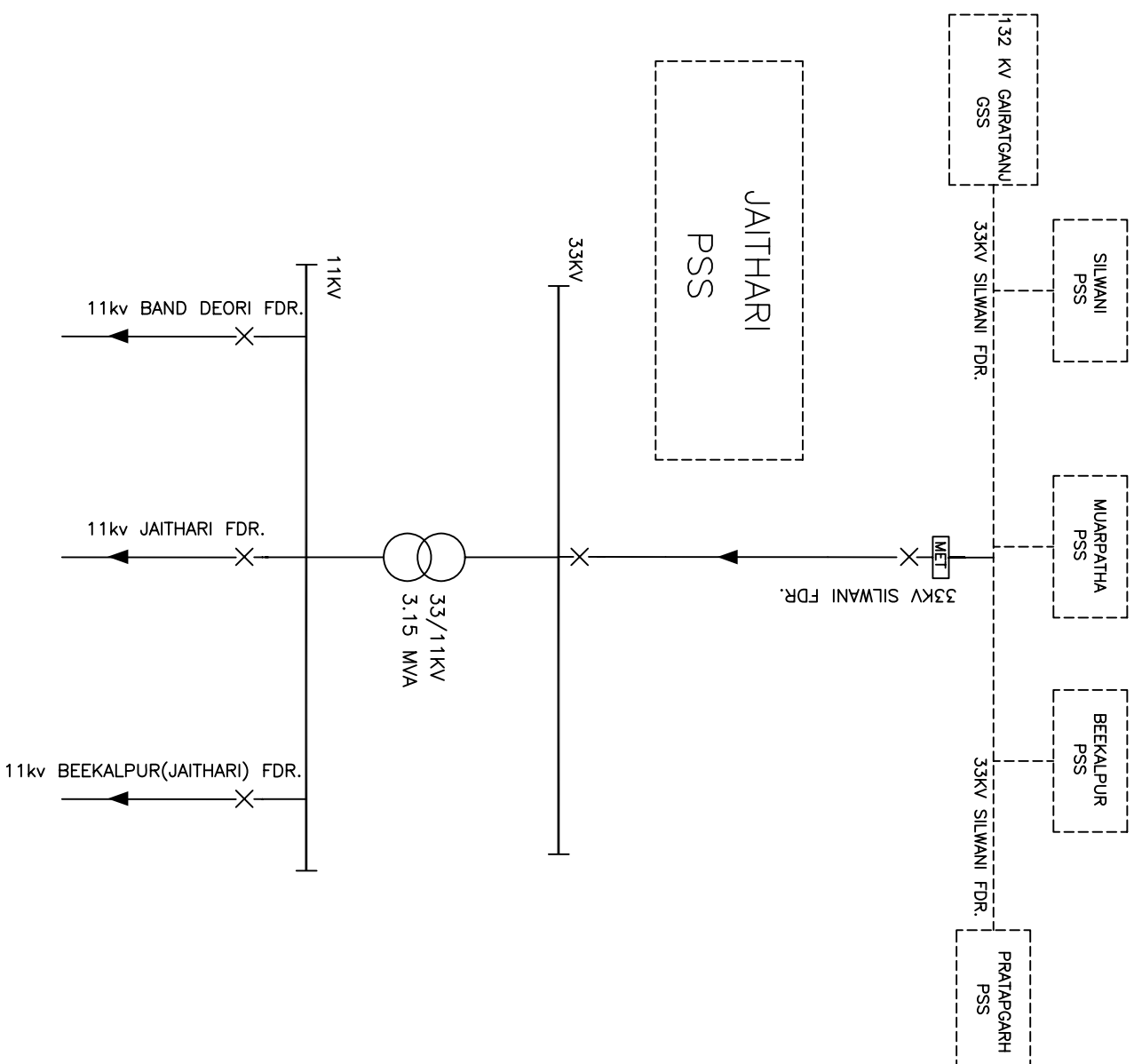


RAISEN - (BEEKALPUR PSS)

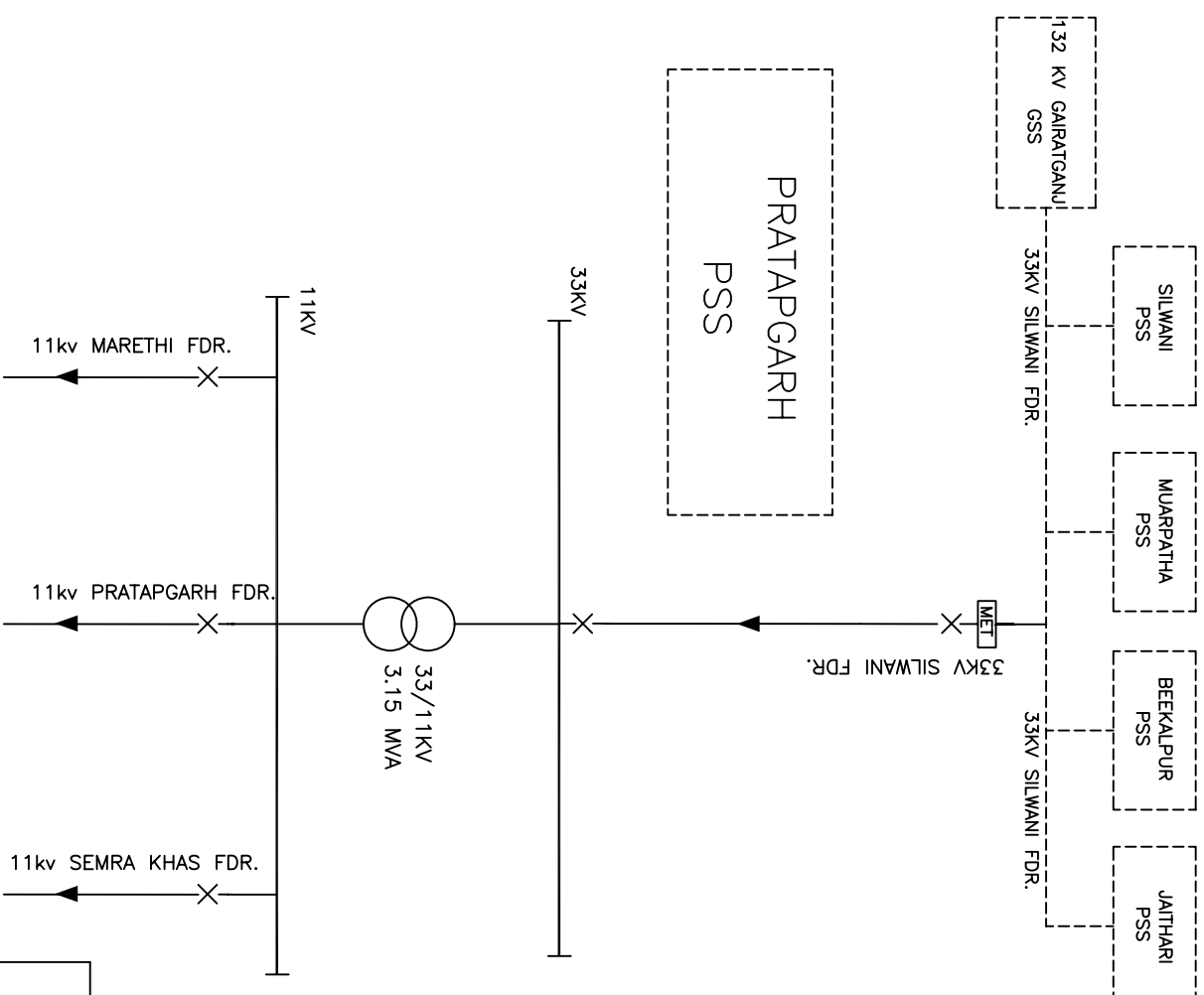
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			POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	 मेकॉन्ट १०१०१ COMPANY	  मेकॉन्ट	MECON LIMITED	SECTION ELECTRICAL POWER	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.		LOCATION RANCHI			DESIGNED N.R.KHANTY SHANAWAZ AHMAD	33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR RAISEN DIVISION UNDER BHOPAL O&M CIRCLE.		DRAWN N.R.KHANTY SHANAWAZ AHMAD			CHECKED AND VERIFIED SAMIR MONDAL			APPROVED S.K. CHATTERJEE	SCALE - N.T.S. DRG.NO.MEC/11/q709/BPL/EL/D/006	SHEET REV. 13 of 16 0

RAISEN- (JAITHARI PSS)

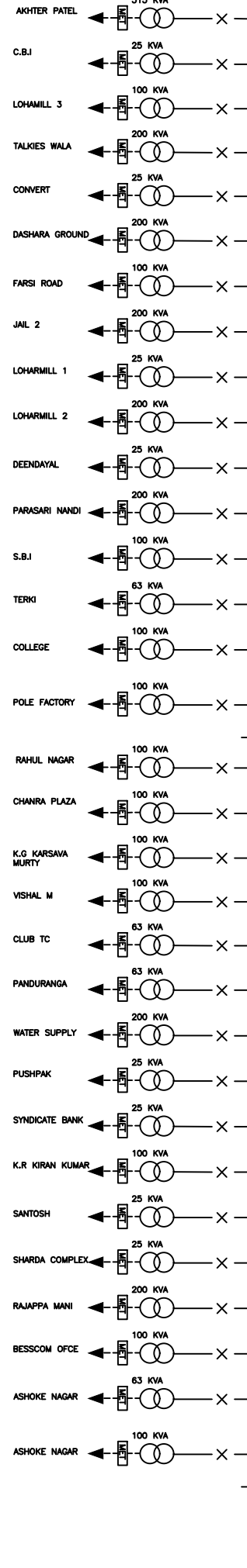


RAISEN- (PRATAPGARH PSS)

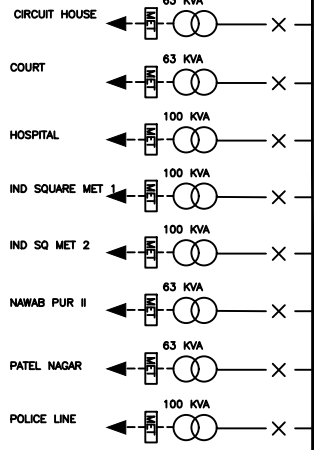
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POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
 पौकौत MECON 100 9001 COMPANY		पौकौत मेकौलेस	
MECON LIMITED			
SECTION ELECTRICAL POWER LOCATION RANCHI DESIGNED N.R.MOHANTY SHANAWAZ AHMAD DRAWN N.R.MOHANTY SHANAWAZ AHMAD CHECKED AND VERIFIED SAHIR MONDAL		ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH. 33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR RAISEN DIVISION UNDER BHOPAL O&M CIRCLE.	
APPROVED S.K. CHATTERJEE		SCALE - N.T.S. DWG. NO. MEC/11/QT09/BPL/EL/ID/006	SHEET 14 OF 16 REV. 0
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11 KV GOPALPUR FEEDER

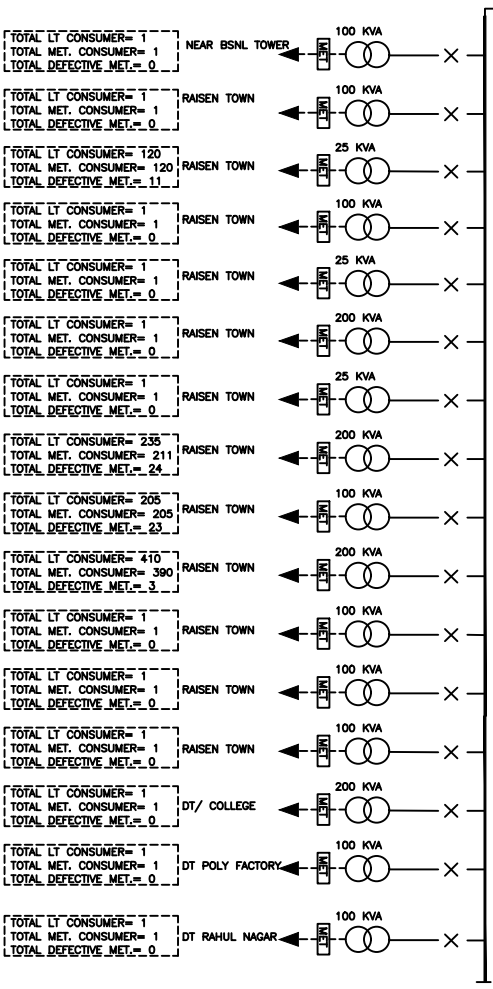


RAISEN DIVISION
RAISEN(T) PSS.



11KV GOPALPUR FEEDER
315 KVA DTR - 1 NO.
200 KVA DTR - 7 NO.
100 KVA DTR - 16 NOS.
63 KVA DTR - 8 NOS.
25 KVA DTR - 8 NOS.

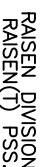
11 KV JAIL FEEDER



RAISEN DIVISION
RAISEN(T) PSS.

11KV JAIL FEEDER
200 KVA DTR - 4 NO.
100 KVA DTR - 9 NOS.
63 KVA DTR - 16 NOS.
25 KVA DTR - 2 NOS.

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CONCURRED BY									
REV.									
SEC.									
NOTE:- THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.									
REV. NO.	DATE	ZONE	DESCRIPTION	BY	VERIFIED	DRG. NO.	CHECKED	DESIGNED	LOCATION
THIS DRAWING IS THE PROPERTY OF MECON AND IS ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON.									
APPROVED	S.K. CHATTERJEE	SCALE - N.T.S.	DRG. NO. JEC/11/9709/BEU/BI/06/006	SHEET	REV.				
MECON LIMITED									
POWER FINANCE CORPORATION. CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.									
33KV POWER INTERCONNECTION DIAGRAM UP TO DTR POINT FOR OBERULAGAN DIVISION UNDER BHOPAL O&M CIRCLE.									
ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.									



11KV DARGAHA FEEDER

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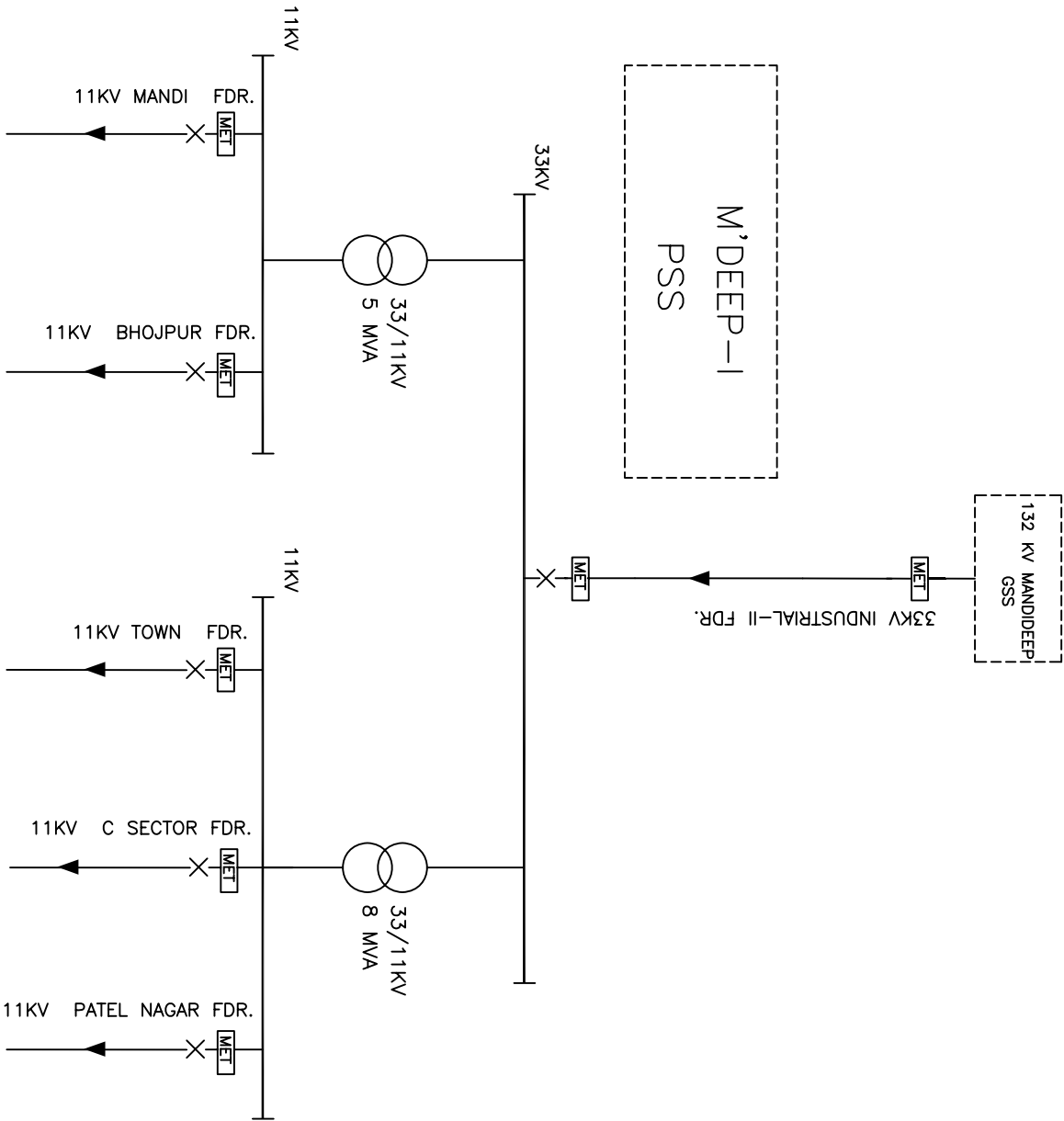
			
POWER FINANCE CORPORATION. NEW DELHI.		CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.	
			
MECON LIMITED		मेकॉन लिमिटेड	
LOCATION SECTION RANCH	ELECTRICAL EQUIPMENT RANCH	ASSIGNMENT OF COMPONENT WISE ATTC LOSS FOR MADHYA PRADESH.	
DESIGNED BY SHANKAR AGARWAL NARAPUNTY SHANKAR AGARWAL	CHECKED AND VERIFIED BY SAUR KUMAR	33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR OBEULUAGAN DIVISION UNDER BHOPAL O&M CIRCLE.	
APPROVED S.K. CHAKRABARTY	SCALE – N.T.S.	DRG. NO. JEB./11.07/09 /BEP./B./1D/006	SHEET 16 OF 16
			REV. 0

DRAWING DESCRIPTION. :
**33KV INTERCONNECTION DIAGRAM UPTO
DTR POINT FOR MANDIDEEP DIVISION
UNDER BHOPAL O&M CIRCLE.**

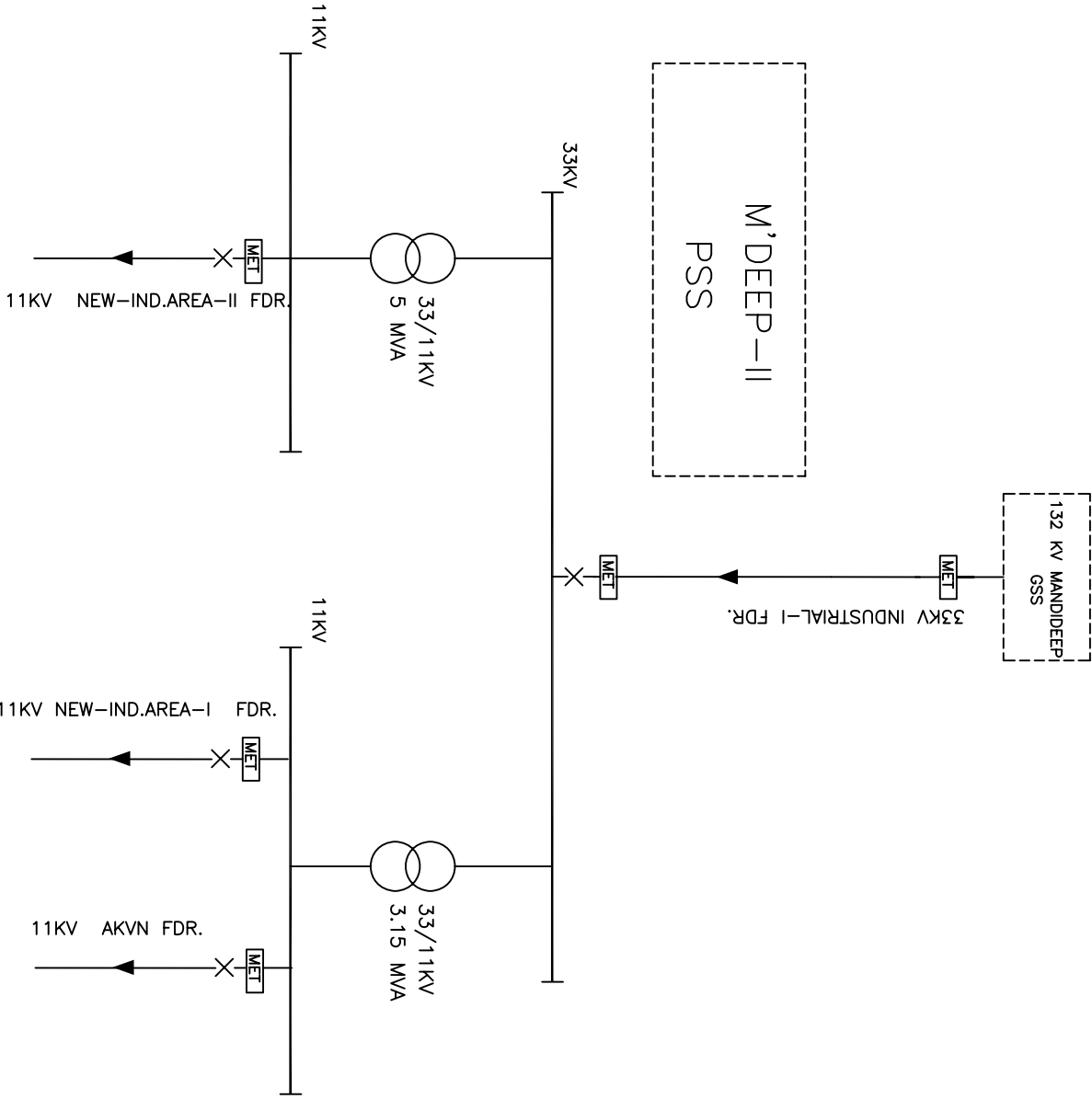
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No. of Sheets: 06

MANDIDEEP- (M'DEEP-I PSS)



MANDIDEEP- (M'DEEP-II PSS)



NOTE: -									
THIS DRAWING PREPARED BASED ON FIRST HAND INFORMATION RECEIVED FROM DISCOM FOR SELECTED CIRCLE AND OUR FIELD VISIT.									
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श्री गणेशाय नमः

POWER FINANCE CORPORATION.
NEW DELHI.

MECON LIMITED



श्री गणेशाय नमः

CENTRAL ELECTRICITY REGULATORY COMMISSION.
NEW DELHI.

SECTION ELECTRICAL POWER

LOCATION RANCHI

DESIGNED N.R.MOHANTY

DRAWN N.R.MOHANTY

CHECKED AND VERIFIED SAMIR MONDAL

APPROVED S.K. CHATTERJEE

ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH.

33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR MANDIDEEP DIVISION UNDER BHOPAL O&M CIRCLE.

SCALE - N.T.S.

DRG.NO.MRC/11/q709/BPL/EL/ID/007

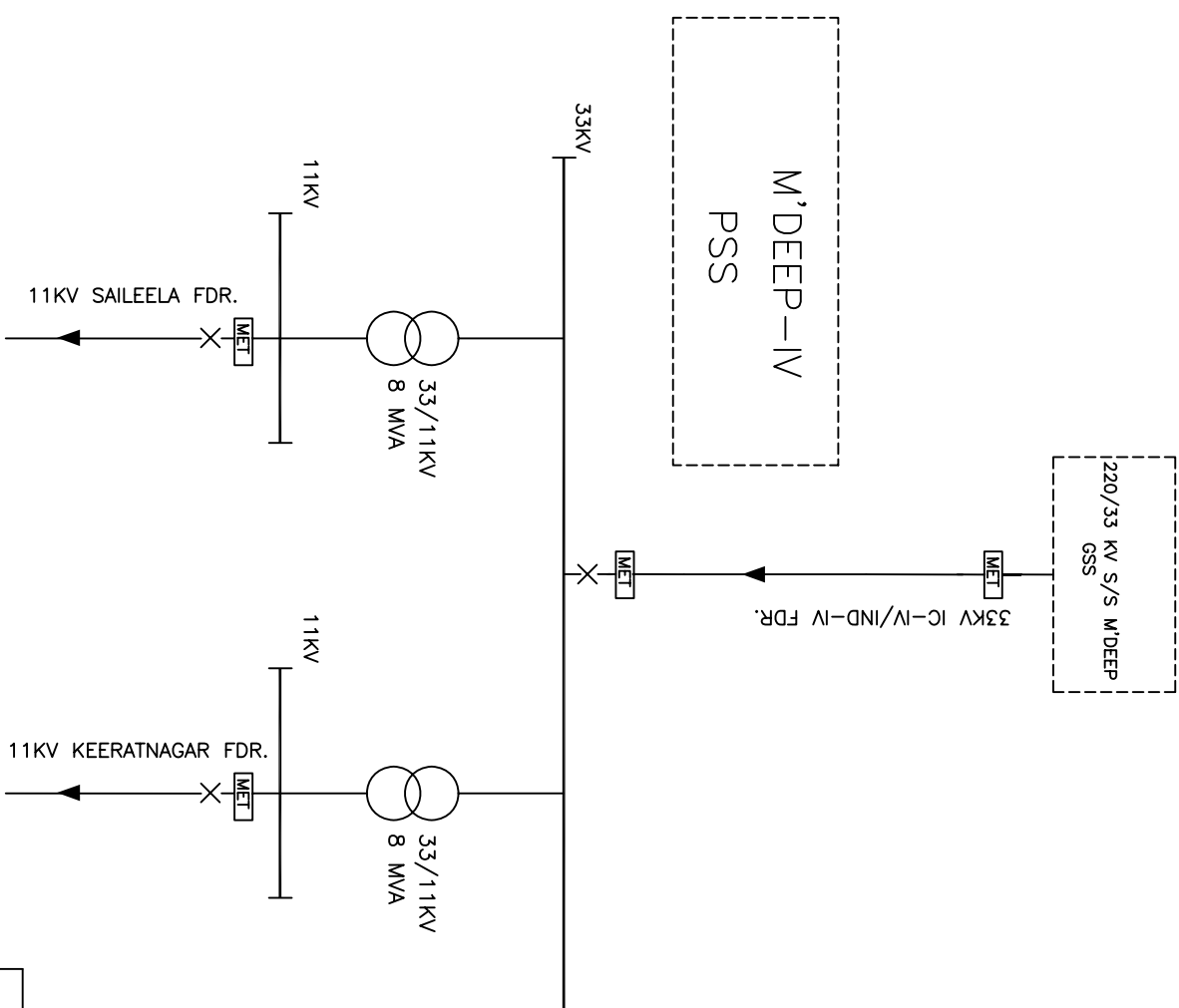
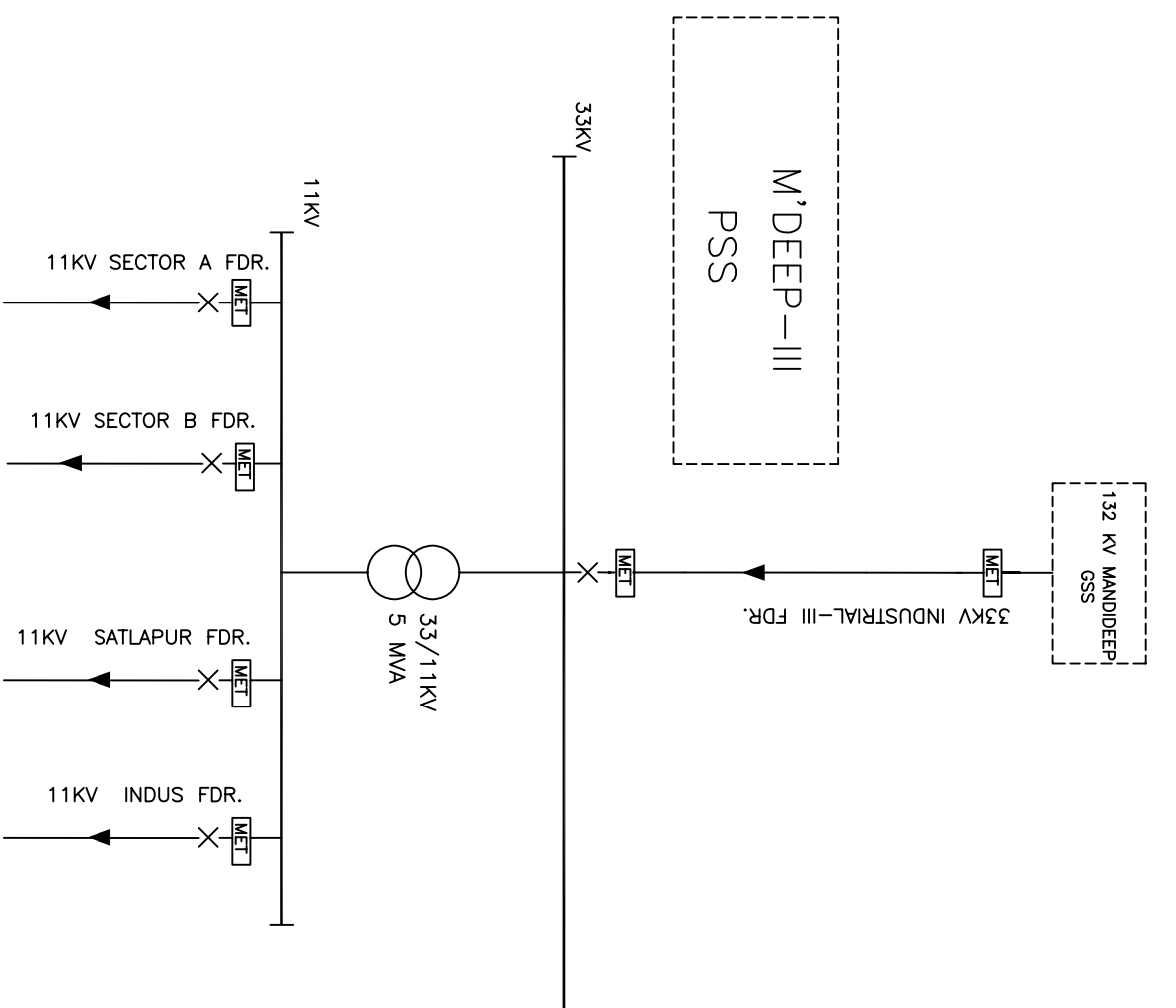
SHEET 1 OF 6

REV. 0

MANDIDEEP DIVISION

MANDIDEEP- (M'DEEP-III PSS)

MANDIDEEP- (M'DEEP-IV PSS)



POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION.

REGULATORY
COMMISSION.
NEW DELHI.

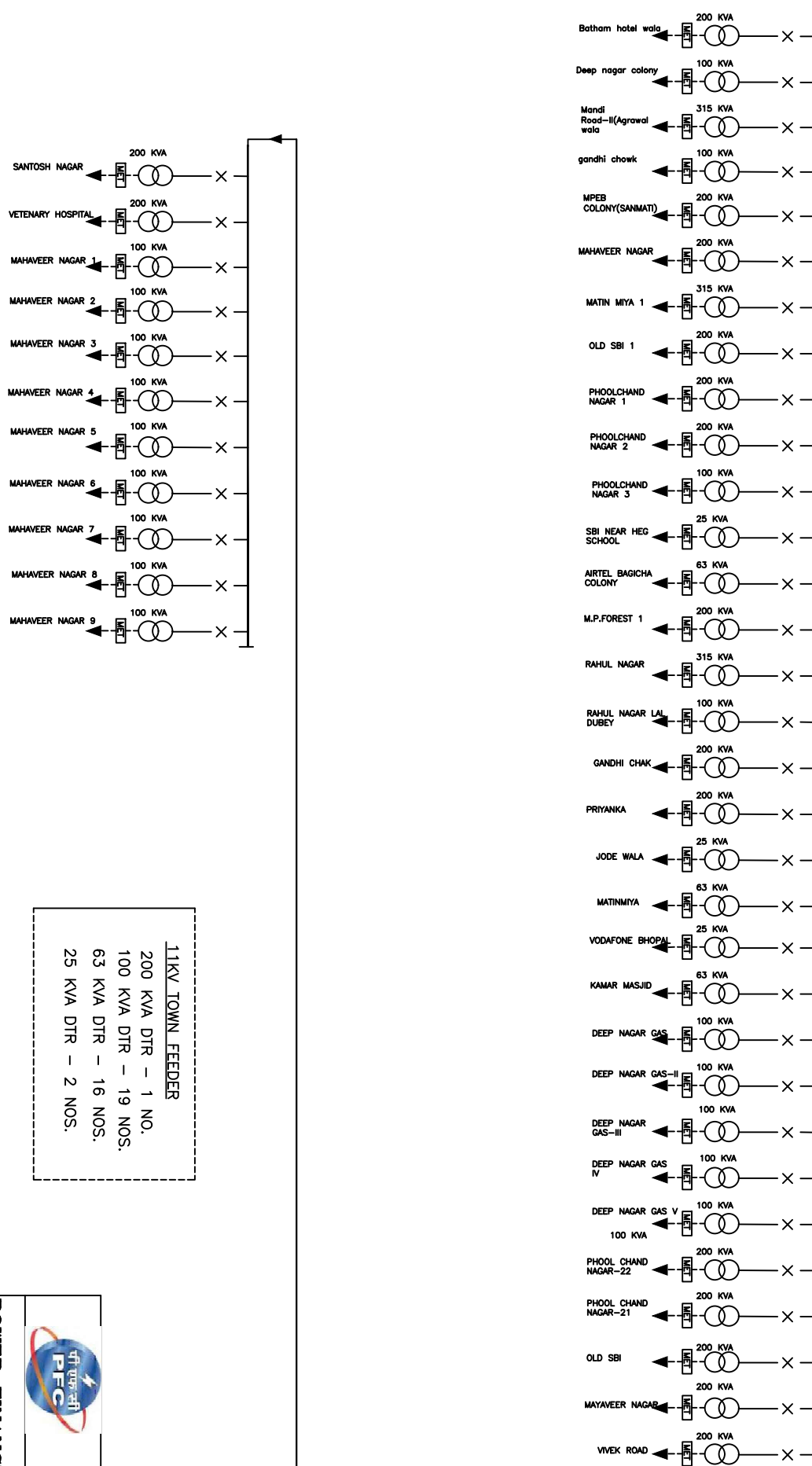


MECON LIMITED

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POWER FINANCE CORPORATION. NEW DELHI.	CENTRAL ELECTRICITY REGULATORY COMMISSION. NEW DELHI.
	मेकॉन लिमिटेड MECON LIMITED
SECTION : ELECTRICAL LOCATION : RANCHI DESIGNED : SHANKAR ANAND DRAWN : NARAYAN ANAND CHECKED : SAUR MONDAL AND VERIFIED :	ASSESSMENT OF COMPONENT WISE AT&C LOSS FOR MADHYA PRADESH. 33KV POWER INTERCONNECTION DIAGRAM UPTO DTR POINT FOR OBDULGANGAN DIVISION UNDER BHOPAL O&M CIRCLE.
APPROVED : S.K. CHATTERJEE	SCALE - N.T.S. Dwg NO. MDP/11/G709/BR/PL/D/007
SHEET REV. 06 OF 07 0	3

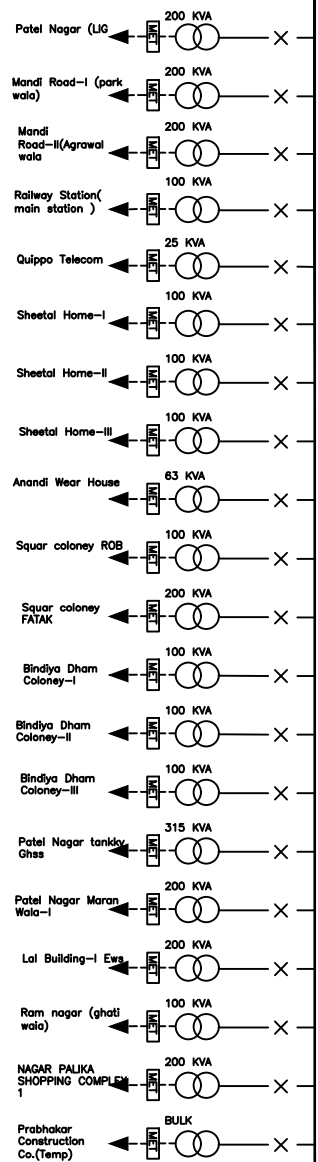
11KV TOWN FEEDER



11KV TOWN FEEDER
200 KVA DTR - 1 NO.
100 KVA DTR - 19 NOS.
63 KVA DTR - 16 NOS.
25 KVA DTR - 2 NOS.

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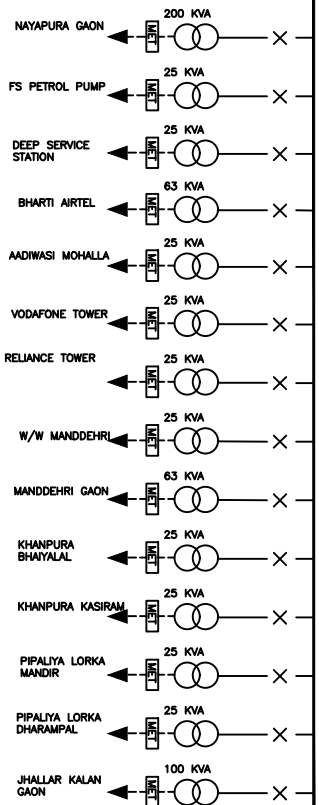
11KV MANDI FEEDER



11KV MANDI FEEDER

315 KVA DTR - 1 NOS.
200 KVA DTR - 7 NOS.
100 KVA DTR - 9 NOS.
63 KVA DTR - 1 NOS.
25 KVA DTR - 1 NOS.
11 KV HT BULK - 1 NOS.

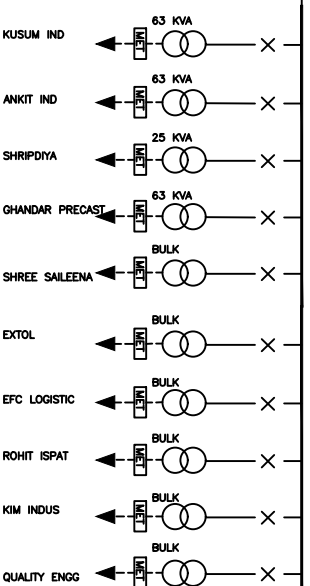
11KV BHOJPUR FEEDER



11KV BHOJPUR FEEDER

200 KVA DTR - 1 NO.
100 KVA DTR - 1 NOS.
63 KVA DTR - 2 NOS.
25 KVA DTR - 10 NOS.

11KV SALEELA FEEDER



11KV SALEELA FEEDER

63 KVA DTR - 3 NO.
25 KVA DTR - 1 NO.
11 KV HT BULK - 6 NO.



MECON LIMITED



POWER FINANCE CORPORATION.
NEW DELHI.



CENTRAL ELECTRICITY
REGULATORY
COMMISSION.
NEW DELHI.

33KV POWER INTERCONNECTION DIAGRAM
UP TO DTR POINT
FOR OBODULAGANI DIVISION
UNDER BHOPAL O&M CIRCLE.

ASSESSMENT OF COMPONENT WISE AT&C LOSS
FOR MADHYA PRADESH.

SECTION
ELECTRICAL

LOCATION
RANCH

DESIGNED
SHANAWAZ AHMAD

DRAWN
SHANAWAZ AHMAD

CHECKED
SHANAWAZ AHMAD

VERIFIED
SHANAWAZ AHMAD

APPROVED
S.K. CHATURVEDI

SCALE - N.T.S.
DATE - 11/07/09

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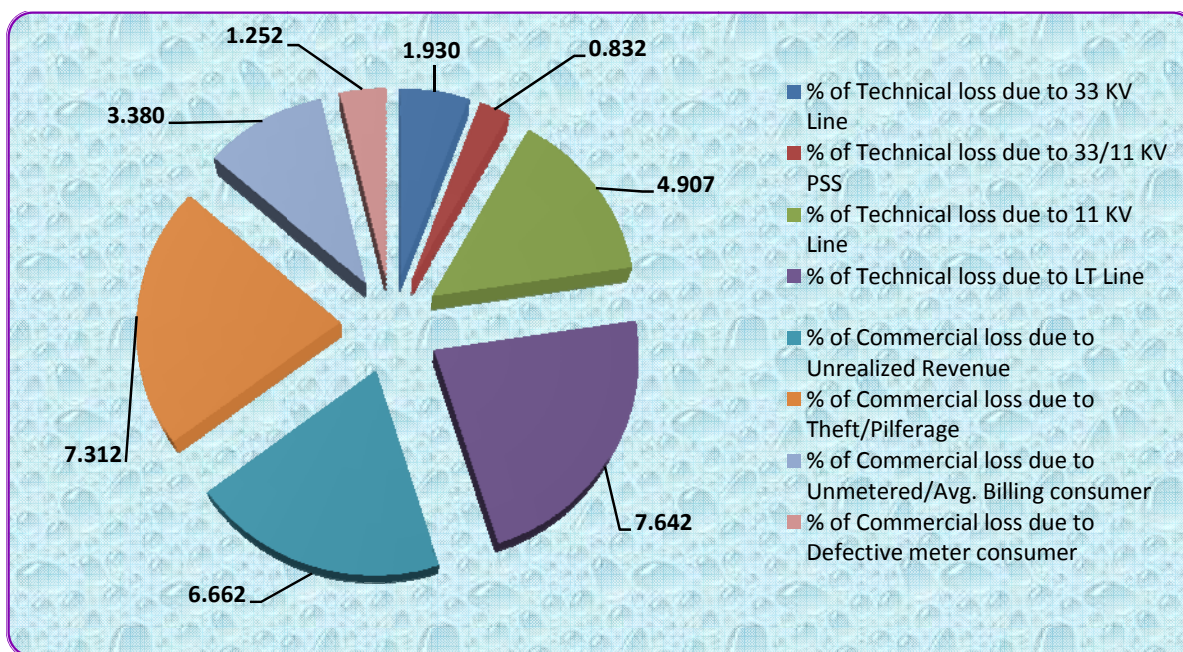
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MADHYA PRADESH STATE AT A GLANCE

COMPONENT-WISE AT&C LOSS AT A GLANCE OF MADHYA-PRADEH STATE:

SL. NO.	NAME OF THE CIRCLE/STATE	FORMULA	33 KV INPUT ENERGY (MU)	% OF TECHNICAL LOSS DUE TO				% OF COMMERCIAL LOSS DUE TO				% OF AT&C LOSS
				33 KV LINE	33/11 KV PSS	11 KV LINE	LT LINE	THEFT/ PILFERAGE	DEFECTIVE METERS	UNMETERED/ AVG. BILLING	UNREALIZED REVENUE	
				(A)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
A	JABALPUR CITY	COMPUTED DATA	98.946	2.446	0.824	5.070	8.323	3.561	1.723	0.036	5.574	27.558
B	BHOPAL O&M		122.586	1.516	0.686	4.250	6.044	2.277	1.175	3.940	6.538	26.426
C	MORENA		63.106	2.211	1.074	5.293	8.577	25.609	1.284	8.130	6.487	58.666
D	BURHANPUR		33.196	1.384	0.930	6.114	9.737	2.303	0.077	2.248	9.530	32.324
E	MADHYA PRADESH STATE		3244.498	1.930	0.832	4.907	7.642	7.312	1.252	3.380	6.662	33.917

PIE DIAGRAM FOR % OF COMPONENT WISE AT&C LOSSES OF MADHYA PRADESH



Percentage of AT&C Losses of Madhya Pradesh State is 33.917

FOR FURTHER DETAILS, PLEASE CONTACT:

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Mob: +918902499968
Fax No.: 033-22824441
E-mail : Kolkata@meconlimied.co.in, meconkol@gmail.com
- ❖ **ROBIN DAS**
DEPUTY GENERAL MANAGER
MECON LIMITED
50, Chowringhee Road, Kolkata - 700071,
Mob: +919433331937
Fax No.: 033-22824441
E-mail : Kolkata@meconlimied.co.in, meconkol@gmail.com

MECON TEAM:

REPORT APPROVED BY :

1. **SHRI. PRADIP ROY**, GENERAL MANAGER, MECON KOLKATA

REPORT CHECKED BY :

2. **SHRI. ROBIN DAS**, DGM (ELEC.) & SIC, MECON KOLKATA
3. **SHRI. N.R. MOHANTY**, MANAGER (ELEC.), MECON RANCHI

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