

Queries on the TOR of Engagement of Consultant for Conducting a study on Electric Vehicle: Impact on Grid

SN	References and Page No.	Description	Query/Suggestion	Comments
1	3. Scope of the work assigned to the Consultant:	The consultant shall; i. Review existing literature and best practices – national as well as international - on EVs; ii. Compile and analyse case studies from various countries on experience with & management of EVs and the electric grid, as well as costs incurred; iii. Conduct technical and economic assessment of the impact of electric vehicles on the grid; iv. Analyse role of system operators, regulators and utilities in operations, planning and monitoring of EVs; v. Recommend measures to address the impact of usage of electricity to power vehicles and impact on the grid. vi. Suggest suitable regulatory framework to enable implementation of EVs so as to facilitate smooth integration into the grid in India vii. Provide inputs for draft regulations	1. Does FoR require the consultant to carry out modeling of distribution network (network simulation) to assess the impact of EVs on network at a pilot location in this study? ICF proposes that such modelling should be incorporated in the ToR.	The scope requires the Consultant <i>inter-alia</i> to conduct technical & economic assessment of the impact of EVs on the grid. The impact assessment tools to be employed are generally detailed in the TOR & as per the past practice, the consultant uses tools keeping in view the demands of an assignment.
2			2. In case network modelling is required, will FoR assist the consultant in obtaining the data required for the simulations from the DISCOM?	FOR shall assist the Consultant in obtaining data from the State Electricity Regulatory Commissions.