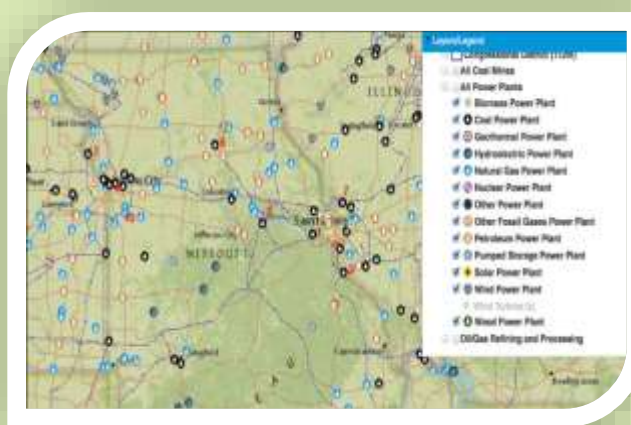


DIMTS has created an initiative for Concept to Commissioning of Electric vehicles, which will broadly cover the study of Electric vehicles, Feasibility study, Charging Infrastructure creation, On boarding of Rolling Stock and Operations monitoring

DPR- Feasibility Study

DIMTS has initiated a detailed study of Electric vehicles on road feasibility. We have evaluated the project potential for Electric mobility.

- Technical Feasibility
- Financial Feasibility
- Legal Feasibility
- Operational Feasibility



Charging infrastructure

- Identification of Land for new facilities for on-route charging
- Facilities for Battery Storage/Swapping
- Identification of Power Supply
- Additional Infrastructure creation for substation grid for charging facility at Depots.
- Identification of Space in depots
- Battery charging Architecture design
- Parking Space design



Boarding of Rolling Stocks

- Contract Structuring
- Selection of Electric buses as per availability, specifications, Battery Sizing and charging infrastructure
- Provision of Depot and maintenance facility
- Bid process management of Electric buses as per availability and required specifications and its types
- Route Selection, Planning and Rationalization
- Demand Assessment



Operation Management

- Bid Process Management for the selection of Operator
- Operation Readiness Assessment
- Preparation of Operational Plan and Strategies
- Alternate source of operation in case of temporary failure /breakdown
- Routing Strategy
- Frequency of Services considering the swapping/charging time requirement
- Charging Payment Options
- Terminal Infrastructure for swapping/ charging and ITS Applications
 - Real Time Information and way findings
 - Terminals – green buildings
 - Passenger facilities



- ❖ Investment for the permanent equipment (EVSE), charging infrastructure and batteries can be made either by the city or state Govt. Few State owned agencies are also willing to invest for the purpose (per Km/Unit payment basis).
- ❖ Similar business model for rolling stock can also be worked out.
- ❖ Cities/ STUs to provide space for depot and charging station