

**Project Development Phase**  
**Performance Test**

Date	10 February 2026
Team ID	LTVIP2026TMIDS25025
Project Name	Plugging into the Future: An exploration of electricity
Maximum Marks	

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1	<b>Data Rendered</b>	State-wise electricity consumption, Year-wise trends, Sector-wise usage data displayed using charts and graphs.
2	<b>Data Preprocessing</b>	Cleaned missing values, formatted dataset, applied aggregation (SUM, GROUPBY), structured data for visualization using Pandas.
3	<b>Utilization of Filters</b>	State filter, Year filter, Sector filter for dynamic data updates on dashboard.
4	<b>Calculation Fields Used</b>	Total consumption (SUM), Average consumption (AVG), Year-wise growth comparison, State comparison metrics.
5	<b>Dashboard Design</b>	<b>No of Visualizations / Graphs – 3</b>
6	<b>Story Design</b>	<b>No of Visualizations / Graphs – 16</b>