

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