Project Development Phase
Model Performance Test

Date	27-06-2025
Team ID	LTVIP2025TMID20838
Project Name	Plugging into the Future : An Exploration of Electricity Consumption Patterns
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	Raw electricity consumption dataset containing Year (2019, 2020), Region-wise consumption.
2.	Data Pre-processing	Cleaned using **Tableau Prep** — removed nulls, standardized column names, formatted data.
3.	Utilization of Filters	Filters for Year (2019, 2020) and Region-wise consumption; filter actions on the last graph.
4.	Calculation fields Used	- Total electricity usage per region, Year-over-Year comparison (% change).
5.	Dashboard design	Summary view with yearly overview, regional-wise consumption bar chart, and an interactive filter graph that allows selection of specific years.
6	Story Design	Story created with slides: 1. Yearly overview & summary 2. Regional-wise consumption (interactive filter) 3. Insights on electricity usage patterns over years 2019 – 2020.