

**Ideation Phase**  
**Define the Problem Statements**

|               |   |
|---------------|---|
| Date          | 14 june 2025                                    |
| Team ID       | LTVIP2025TMID47623                              |
| Project Name  | Exploration of Electricity Consumption Patterns |
| Maximum Marks | 2 Marks   |

**Customer Problem Statement Template:**

| Problem Statement (PS) | I am (Customer)             | I'm trying to   | But   | Because   | Which makes me feel  |
|------------------------|-----------------------------|---|---|---|--|
| PS-1                   | an energy policy planner    | understand electricity usage trends across Indian states and regions          | I don't have an interactive and visual platform     | raw consumption data is complex and difficult to analyze in Excel or static reports | uncertain while making resource allocation or policy decisions |
| PS-2                   | a government energy analyst | evaluate how external factors like lockdowns impacted electricity consumption | I lack tools that allow quick time-based comparison | the dataset is large and manual analysis is time-consuming and error-prone          | under pressure to deliver insights quickly and accurately      |