Ideation Phase
Define the Problem Statements

Date	18 February, 2026
Team ID	LTVIP2026TMIDS40169
Project Name	Plugging into the Future: An Exploration of Electricity Consumption Patterns Using Tableau
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	a State Electricity Board Officer	identify how electricity consumption varies across states, regions, and time periods	I lack a visual and interactive dashboard system	the raw electricity dataset is large, complex, and difficult to analyze using traditional tools like Excel	unsure about peak demand periods and inefficient in planning power distribution
PS-2	an Energy Policy Analyst	evaluate seasonal trends, regional usage patterns, and yearly growth in electricity consumption	. I don't have a centralized way to visually compare multiple dimensions like state, region, month, and quarter	there is a lack of dynamic, real-time visualization tools that allow interactive filtering and comparison	underprepared to make data-driven energy policy decisions and infrastructure planning