Ideation Phase

Define the Problem Statements

Date	31 January 2025
Team ID	PNT2025TMID00584
Project Name	Global Energy Trends A Comprehensive Analysis of Key Regions and Generation Modes using Power BI
Maximum Marks	2 Marks

Customer Problem Statement

Objective:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Energy Policy Analyst	analyze the impact of renewable energy policies on CO2 emissions	data is scattered across multiple sources and lacks real-time updates	there is no centralized platform integrating policy impacts with energy trends	frustrated as I cannot derive actionable insights efficiently
PS-2	Power Grid Operator	to forecast energy demand and manage grid stability with increasing renewable integration	renewable energy generation is highly variable and difficult to predict accurately	current forecasting models do not integrate historical data with real-time analytics	concerned about grid reliability and operational efficiency