Project Initialization and Planning Phase

Date	15 June 2024
Team ID	740294
Project Name	Prediction Of Full Load Electrical Power Output of a Base Load Operated Combined Cycle Power Plant Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement and Planning Phase)

Combined Cycle Power Plants (CCPP) are an essential part of the energy production infrastructure. They utilize both gas and steam turbines to generate electricity more efficiently than traditional power plants. Accurate prediction of the full load electrical power output of a CCPP is crucial for optimal operation, maintenance, and planning. Machine learning (ML) techniques can offer precise and reliable predictions by leveraging historical operational data.