

## Project Design Phase

### Proposed Solution Template

Date	25-06-2025
Team ID	LTVIP2025TMID48415
Project Name	Measuring the Pulse of Prosperity: An Index of Economic Freedom Analysis
Maximum Marks	2 Marks

### Proposed Solution Template:

Project team shall fill the following information in the proposed solution template

S.no.	Parameter	Description
1.	<b>Problem Statement</b>	Difficulty in understanding and analysing electricity consumption trends across sectors, time periods, and regions, leading to inefficient energy use and poor planning.
2.	<b>Idea / Solution Description</b>	Develop an interactive and user-friendly dashboard using Tableau that visualizes electricity consumption data, offering breakdowns by sector, time, and location to enable actionable insights.
3.	<b>Novelty / Uniqueness</b>	The solution provides a visually rich, real-time, and comparative analysis tool that integrates multiple consumption parameters into a single interactive platform—offering ease of exploration and personalized data filtering.
4.	<b>Social Impact / Customer Satisfaction</b>	Helps users (individuals, industries, governments) optimize power usage, promotes energy efficiency, reduces wastage, and supports sustainable practices—leading to increased satisfaction and positive environmental impact.
5.	<b>Business Model (Revenue Model)</b>	Can be offered as a freemium SaaS tool for electricity boards, utility companies, and energy consultants; premium features could include forecasting tools, custom exports, and integration with IoT smart meters.
6.	<b>Scalability of the Solution</b>	Easily scalable to include more regions, larger datasets, or other forms of energy (like water or gas) by updating data sources and adding modules—without changing the overall dashboard framework.

