Date	28 September 2023
Project Name	Measure Energy Consumption

Problem Definition

Data accuracy: Inaccurate measurements hinder effective energy management.

Granularity : Monitoring energy at a detailed level can be complex due to the diverse sources.

Data integration: Integrating data from various systems and devices poses challenges.

Metering Infrastructure: Implementing advanced metering systems can be costly and face resistance.

Data Privacy: Concerns about privacy and security can limit data sharing.

Design Thinking

Advanced Metering Technology : Invest in accurate and advanced metering systems for precise data.

IoT and Smart Sensors : Utilize Internet of Things (IoT) devices and smart sensors for granular data collection.

Integrated Energy Management Systems : Implement integrated systems that can data from diverse sources.

Incentives for Infrastructure Upgrades : Provide financial incentives or subsidies to encourage the adoption of advanced metering infrastructure.

Data encryption and Privacy Policies:Implement robust data encryption and establish clear privacy policies to address concerns.

By combining these solutions, organizations can enhance the accuracy and granularity of energy consumption measurements while addressing integration, infrastructure, and privacy challenges.