Key Insights from Urban Energy Consumption Dashboard

⚡ Overall Energy

- Total Consumption: **228.87K**
- Energy usage is high across the city.
- Residential users consume the most.

💰 Total Cost

- Total Estimated Cost: **1.37M**
- Higher consumption leads to higher cost.
- Saving energy can reduce expenses.

📊 Consumer Type

- 🏠 Residential – Highest usage
- 🏢 Commercial – Moderate usage
- 🏭 Industrial – Slightly lower but steady

📈 Monthly Trend

- Energy use changes every month.
- Some months show high peaks.
- Seasonal demand affects consumption.

🗺️ Zone Analysis

- Zones: Central, East, North, South, West.
- Some zones show more fluctuation.
- Zone-wise planning is needed.

🔖 Peak Usage

- Avg Peak Usage: **27.50**
- High peak load increases grid pressure.

Key Insights from Urban Energy Consumption Dashboard

- Load management is important.

⚓ Outages

- Total Outage: **25K**
- High outages affect reliability.
- Maintenance is required.

⚙ Meter Status

- ✅ Most meters are Active.
- ✖ Some meters are Faulty.
- Faulty meters may cause incorrect data.

⚡ Final Insight

- Residential demand drives overall consumption.
- Cost and usage are directly connected.
- Smart monitoring can improve city energy management.