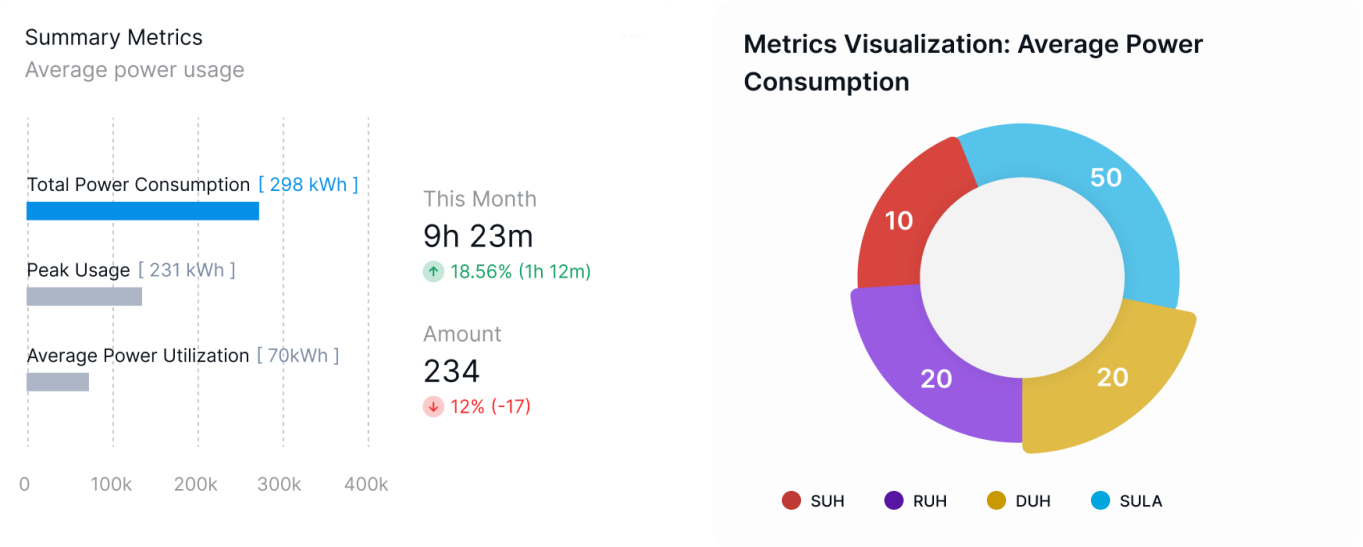


## Power Utilization Report

The Power Utilization Overview Dashboard provides a comprehensive summary of key metrics and performance indicators related to power consumption within a specific system or environment.



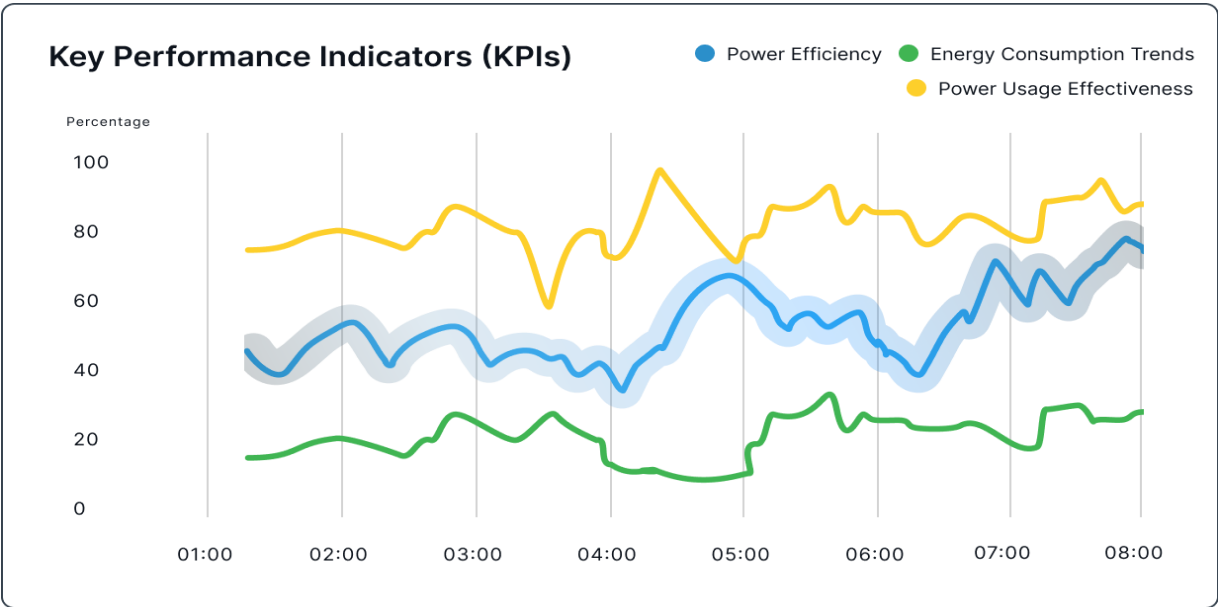
### Power Utilization Performance:

This section highlights performance metrics that provide insights into the efficiency and effectiveness of power utilization within the system.

**Power Efficiency** shows how efficiently power is used. Higher values mean better utilization.

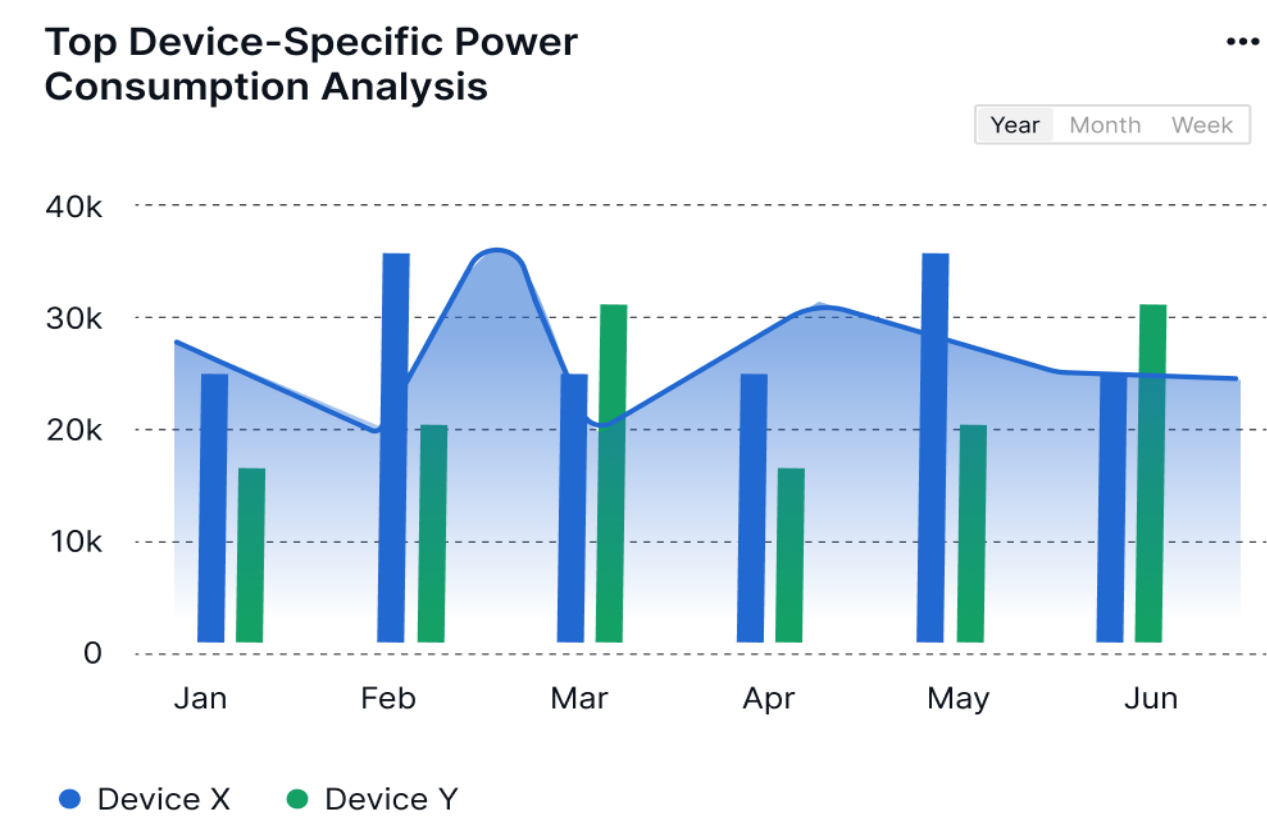
**Energy Consumption Trends** show energy usage patterns over time, identifying areas for optimization.

**Power Usage Effectiveness (PUE)** shows energy efficiency by comparing total energy consumption to that used by IT equipment. Lower values signify higher efficiency.



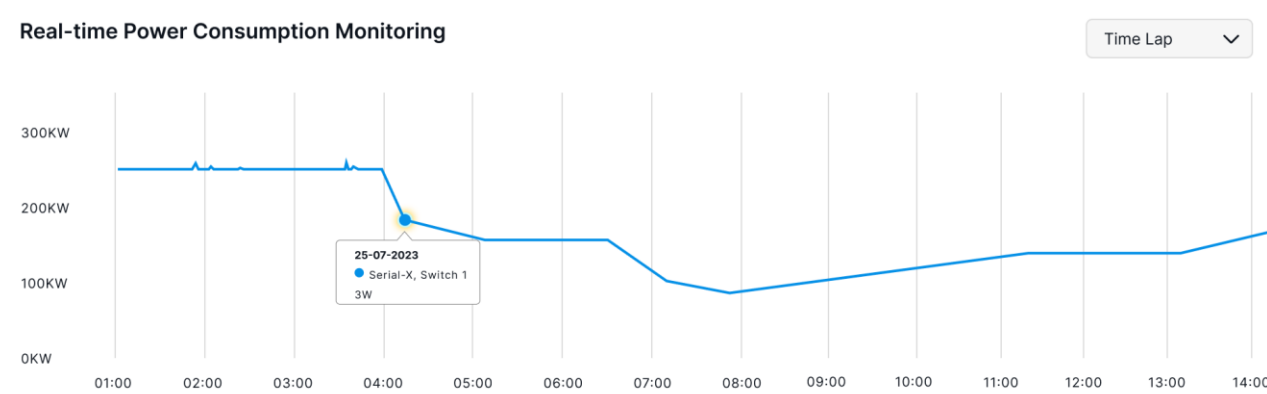
Device-Specific Power Consumption Analysis:

Provides insights into power usage patterns of individual devices, aiding in targeted optimization efforts and enhancing overall energy efficiency.



Real-time Monitoring:

Enables continuous monitoring of energy consumption metrics, providing immediate insights into current power usage trends and identifying any deviations from expected norms in real-time.



Site-Wise Threshold Alerts:

Automated alerts triggered by predefined thresholds, notifying stakeholders of any deviations from expected energy consumption levels. These alerts enable timely response to abnormal energy usage patterns, facilitating proactive measures to address potential issues and optimize energy efficiency.



Energy Consumption Forecasting and Optimization:

Utilizes predictive analytics to forecast future energy consumption patterns, facilitating proactive decision-making and optimization strategies to enhance energy efficiency and reduce operational costs over time.

