

# Energy NxT



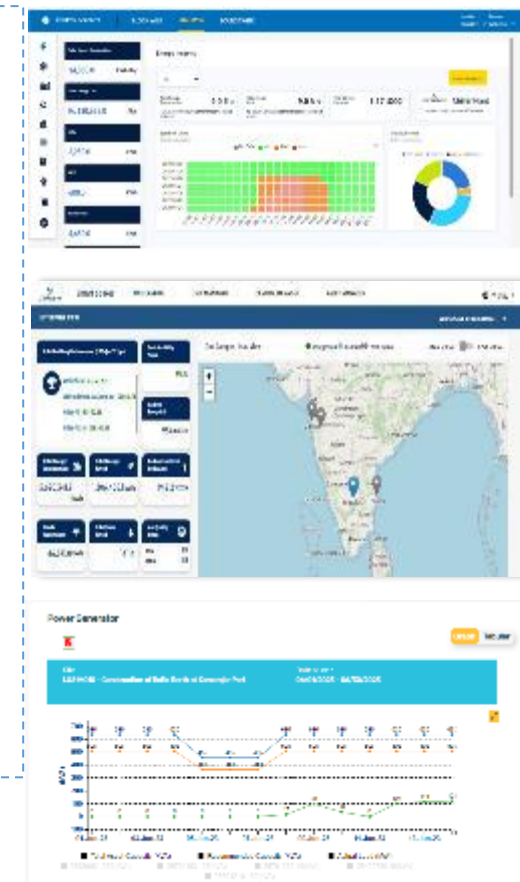
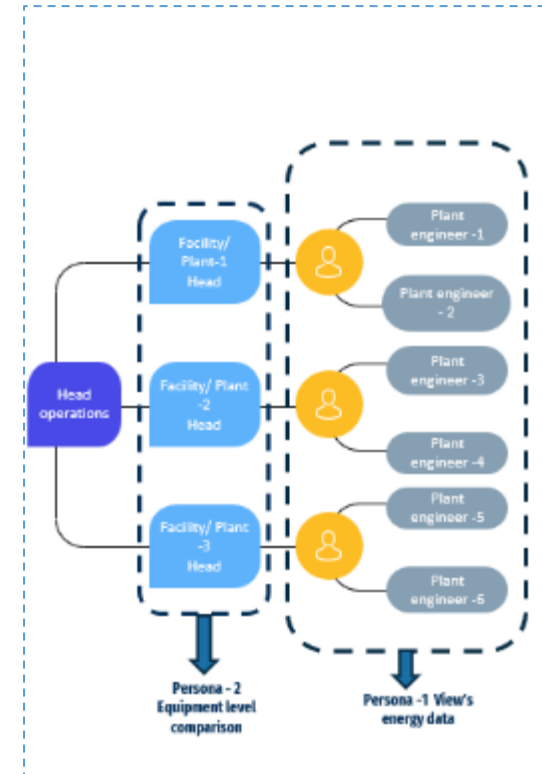
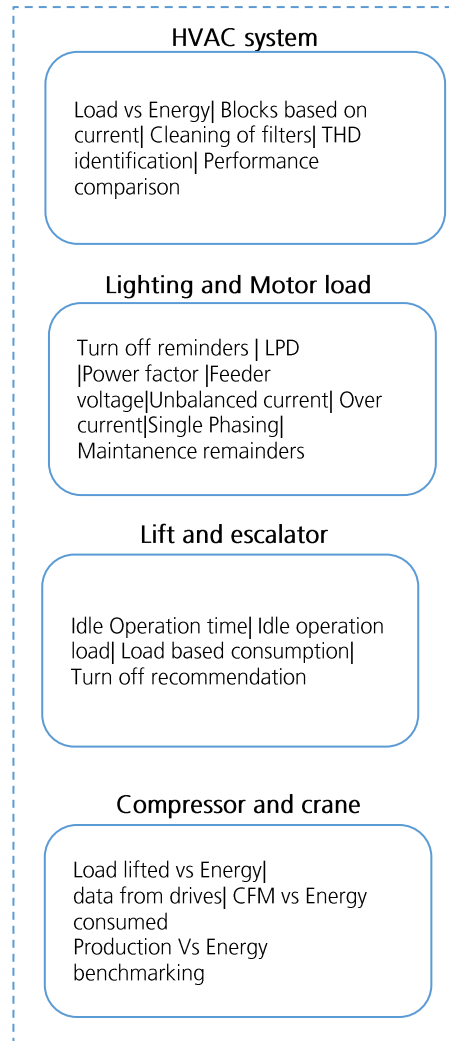
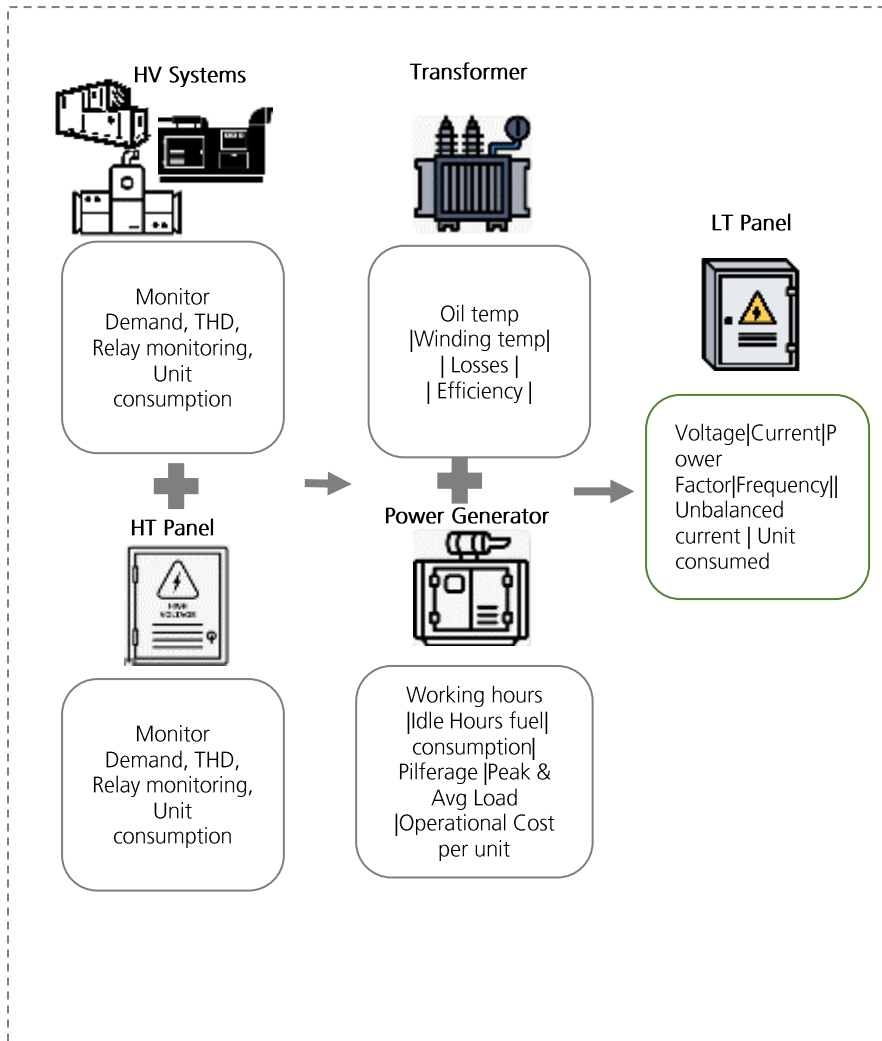
# Energy : Detailed process overview & dashboards

## Step 1: Metering & Sensorization

## Step 2: Set up KPIs for monitoring

## Step 3: Define organization & user hierarchy

## Step 4: Dashboarding & Reporting



**Note:** Energy related detail offerings are separated in for plants in Energy NxT application, and for Building Management in Smart Spaces application. Depending on the business need they can be integrated into a single umbrella.

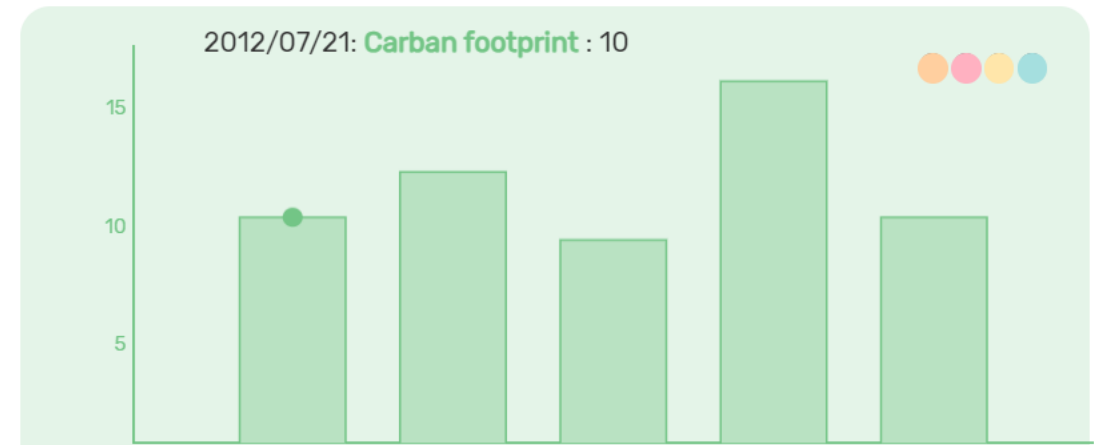
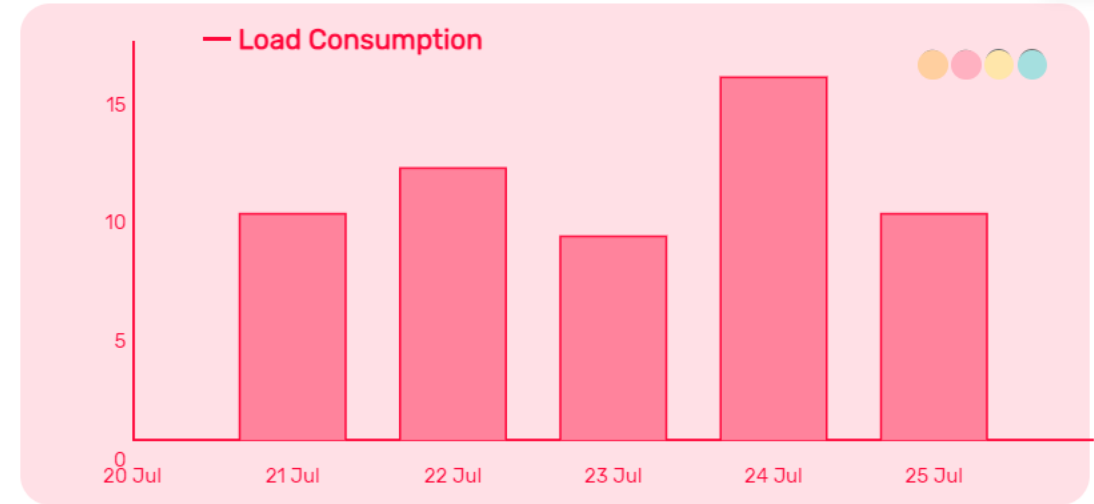
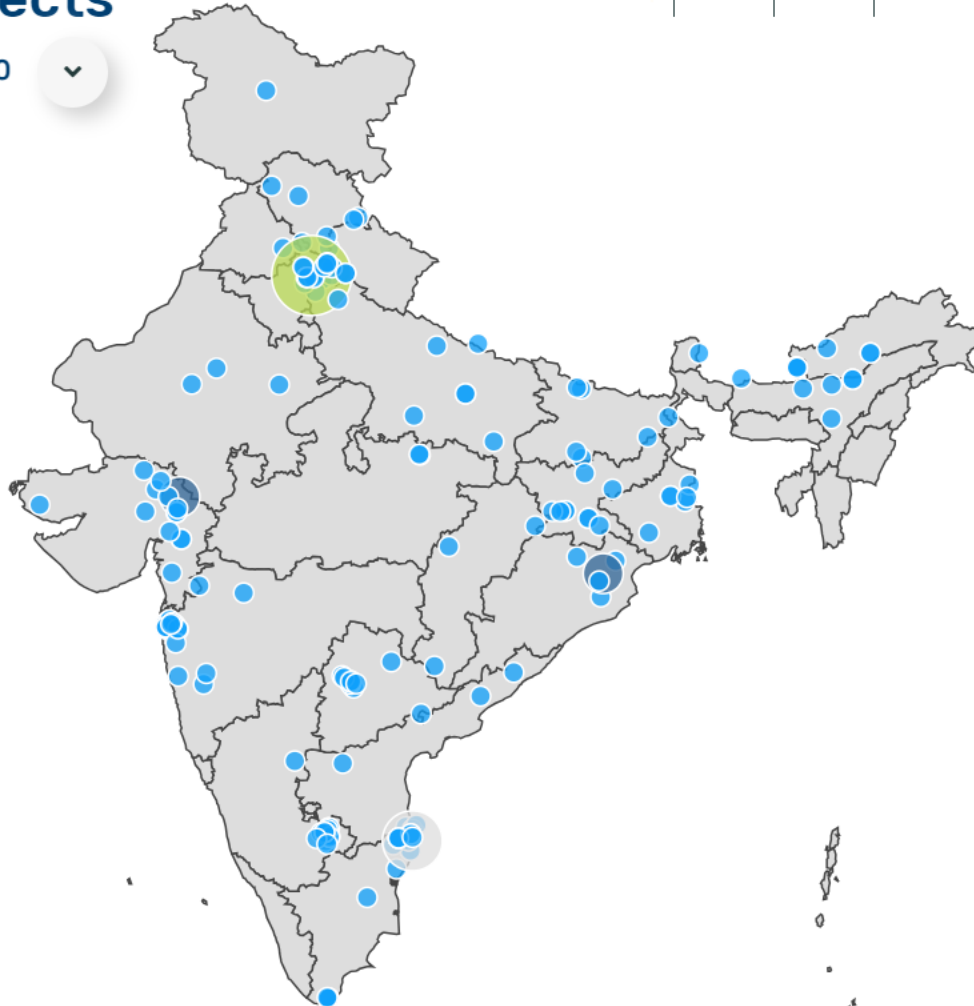
# Energy Monitoring Solution



☰ Last Updated On 15-Jun-2023 04:00:20 AM

## 209 Projects

Total Assets: 950

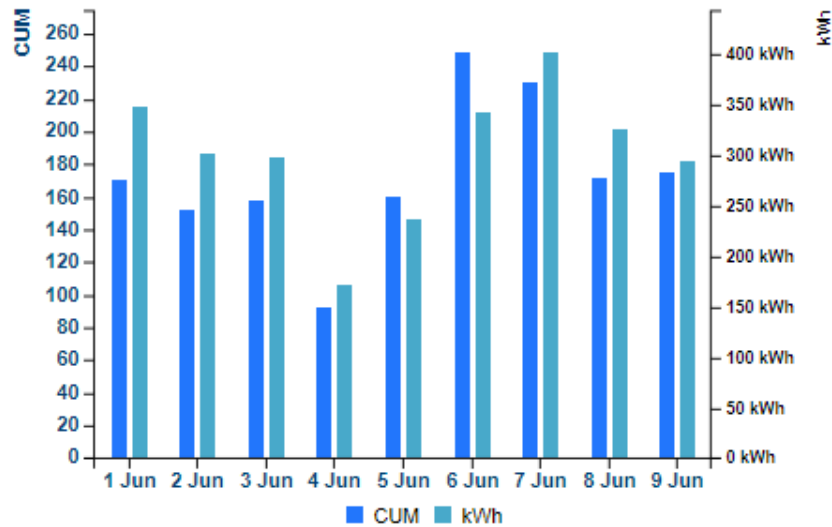


# Energy Monitoring Vs Concrete production

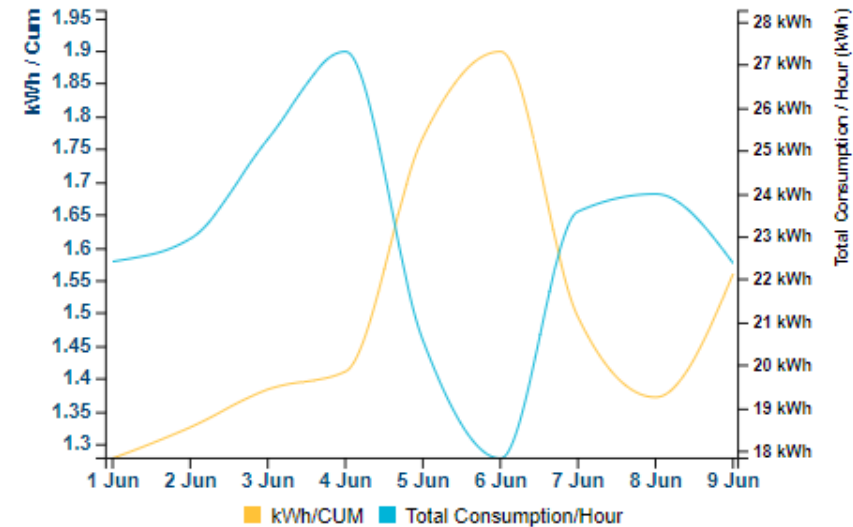
Connectio... EM Manag... Auto Mail ... EMS Mail C... Surrender ... Energy Co... Energy Ou... Power Gen... **Batching P...** Energy Cost



### Concrete Produced vs kWh



### Concrete Grade vs kWh



1

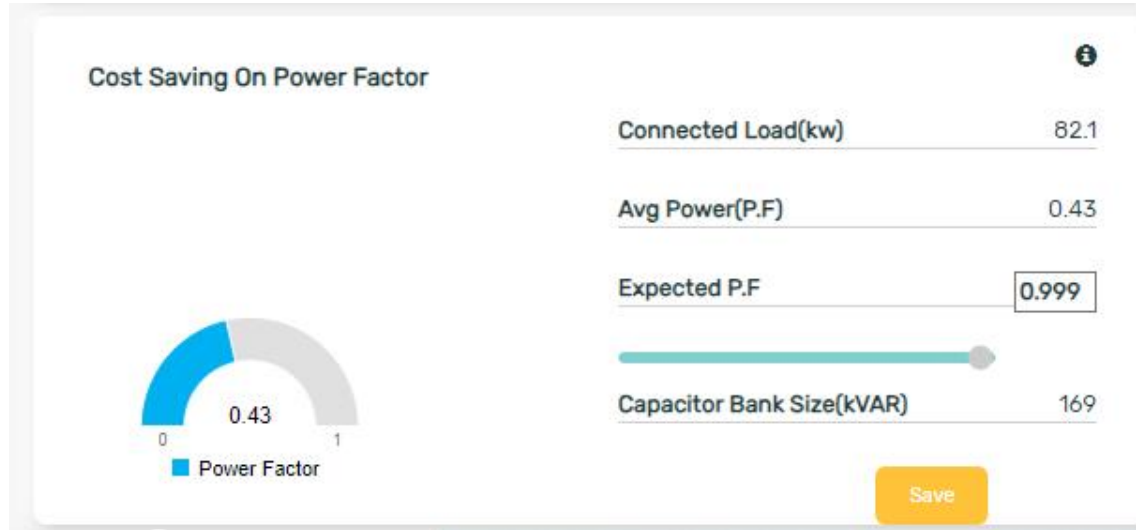
Concrete Produced Vs Energy Consumption

2

Units required for Per cum of concrete

# Power Quality monitoring

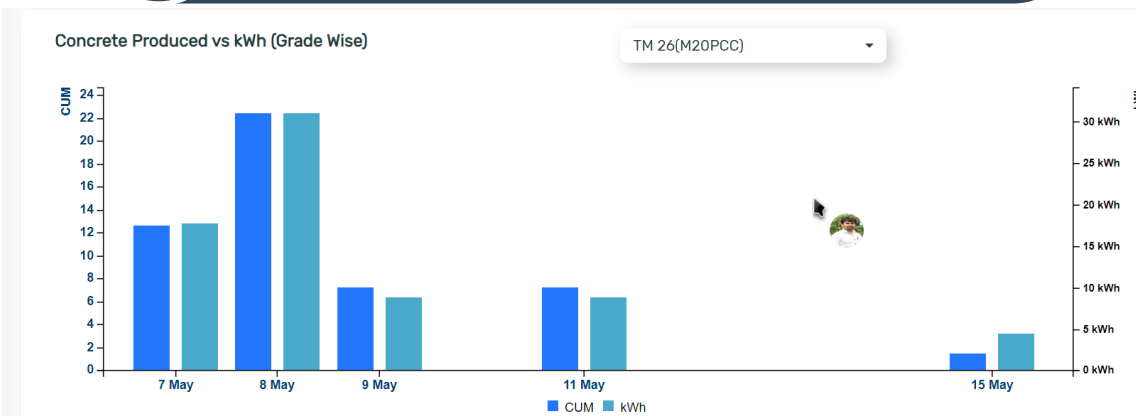
## 1 Power factor values & Capacitor bank sizing



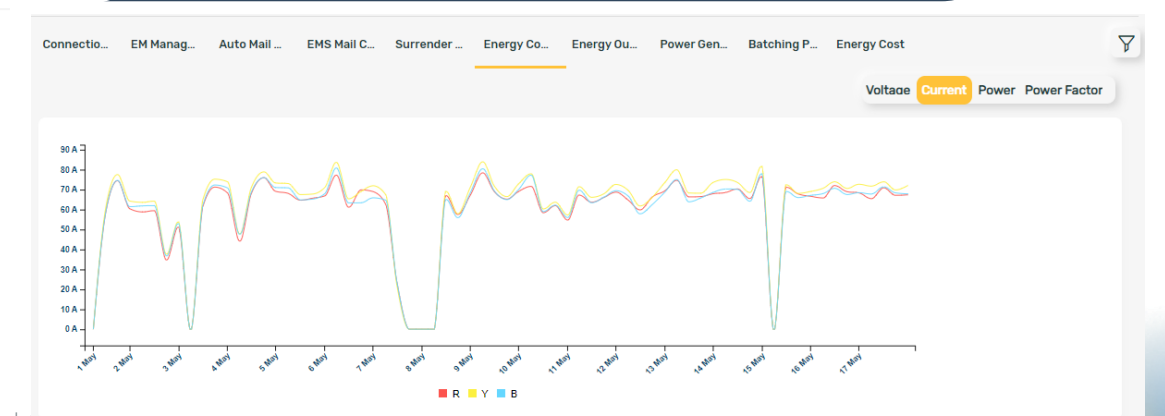
## 2 Voltage imbalances – Dip and Highs



## 3 Grade Versus units consumed

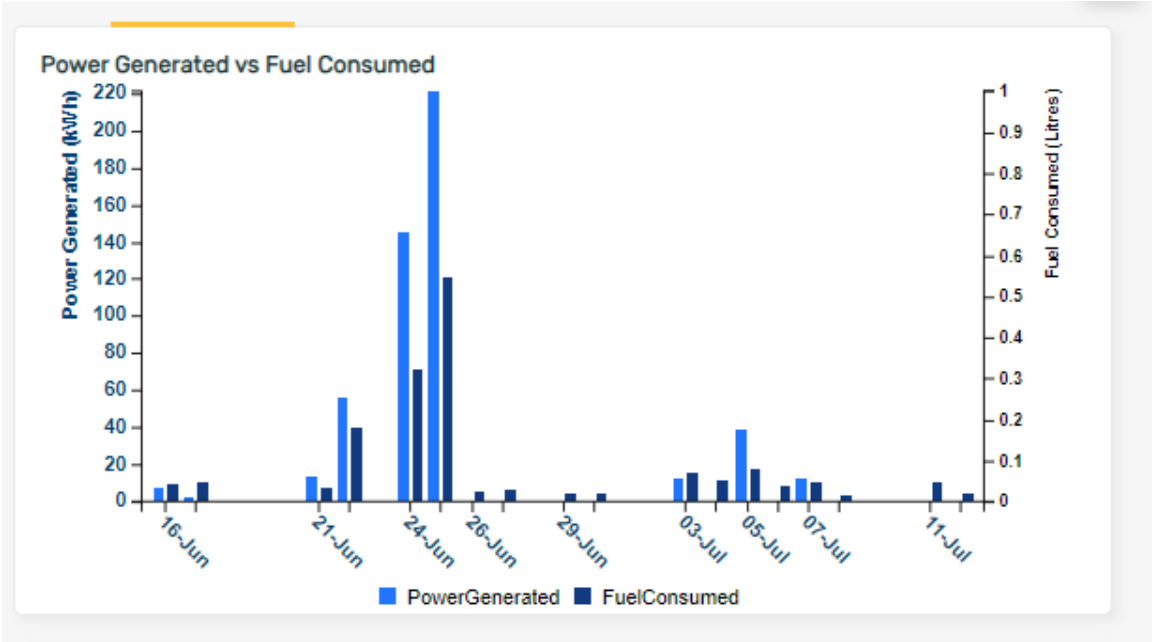


## 4 Current imbalance variance monitoring

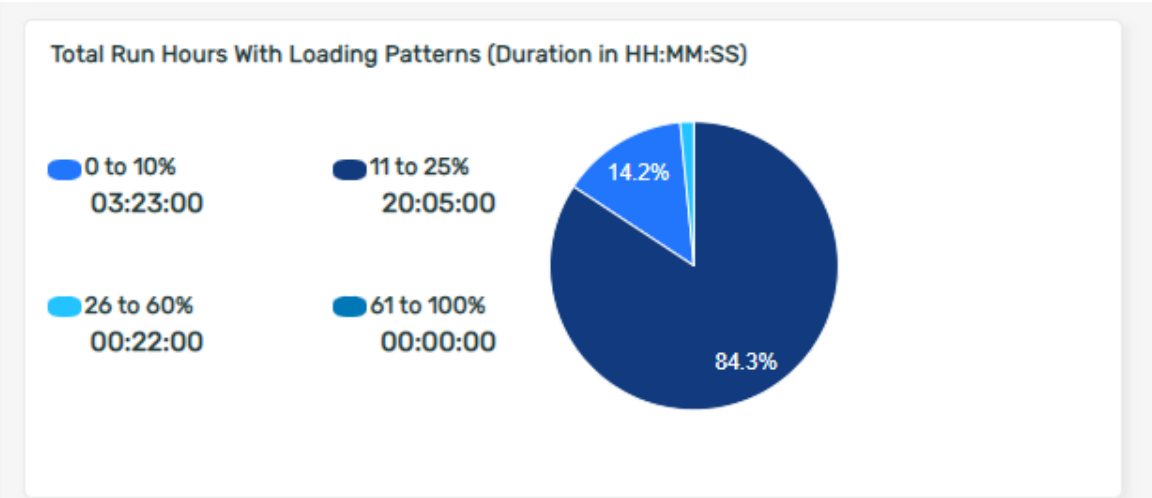
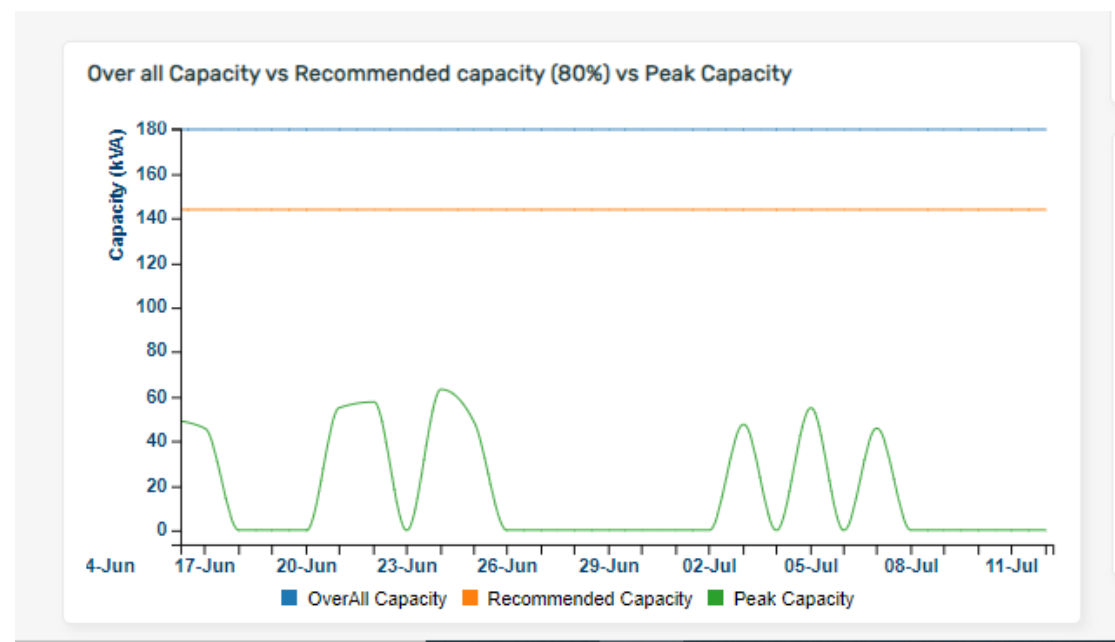


# Power Generator monitoring

## 1 Power generated Vs Fuel Consumed



## 2 Load Trend Pattern



## 2 Loading Pattern