

Telecom Industry - Power & Cooling

Challenges

- Lack of DC plant insight
 - Current load
 - Remaining capacity
 - Load growth trends
- Cooling costs had greatly increased

Solutions

- Combine sensor & DC plant Data sources into a UDS
- Establish automated Data pipelines
 - Data cleaning
- Perform correlation modelling
- Establish real-time monitoring dashboards
 - Set automated threshold notification triggers

Benefits

- Significant cost savings in cooling
- Can monitor DC plant load & capacity in real-time
- Will be notified if established threshold is surpassed
- Can use insights for future capacity planning