Watts App:
An Energy Analytics and Demand Response Advisor Tool

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A Demand Response Event

Peak anticipated due to forecast

Electricity Load Increases

DR Curtailment

Demand Response Dispatch
DR-Advisor: Data-Driven Demand Response Recommender System
Missing Capabilities

Historical Data

Temperature  Wind  Day Of Week  Chilled Water Temp.  Zone Temperature
Humidity  Time Of Day  Schedule  Lighting  Power (kW)

Query Regression Trees

Baseline Tree  DR Evaluation Tree  24hr Prediction Tree  DR Synthesis Tree
Plug-ins for DR-Advisor

1. Preprocessing

2. Energy Analytics

3. Amazon Echo