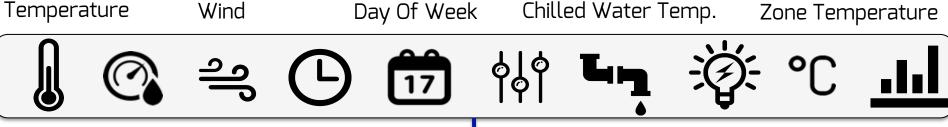
#### **Historical Data**



Humidity

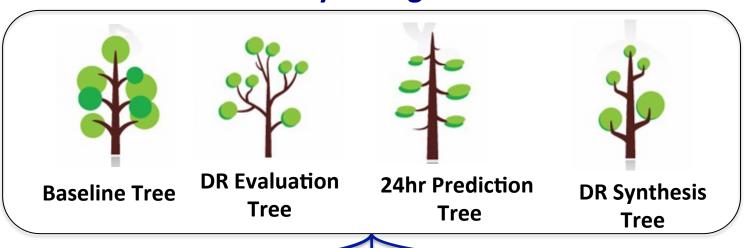
Time Of Day

Schedule

Lighting

Power (kW)

### **Build a Family of Regression Trees**



#### **DR Baseline**

Real-Time Estimate of Baseline Power Consumption

## **DR Evaluation**

Choose the best DR Strategy in real-time

# **DR Synthesis**

Compute the best DR control action in real-time