SkyCentrics

Open Standards
Internet of Things Platform
For Building Energy Management
and Asset Optimization

SkyCentrics

85% of buildings have no BMS and they need:

Unmanaged Spaces need:	SkyCentrics provides:
Standardization	Open Standards Expertise
Real Time Data	Every 5 Seconds
Low Cost Solutions	IoT and Raspberry Pi
Easy to Install	Wi-Fi
Easy to Integrate	Rest API
Multi-user system	Hundreds of Users
Permission Controls	Highly Granular Permissions
Scalable	Built in the cloud

SkyCentrics Platform

Embedded Wi-Fi Modules

USNAP Wi-Fi Module

Thermostat

Plug Loads

Load Controller Sensor Platform

SkyCentrics Devices

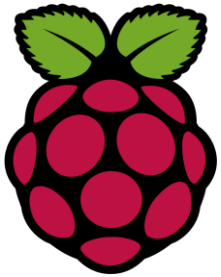
SkyCentrics Platform

Embedded Wi-Fi Modules

USNAP Wi-Fi Module

Thermostat

Plug Loads

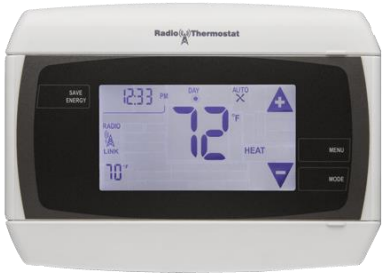


Load Controller Sensor Platform

SkyCentrics Devices

SkyCentrics Platform

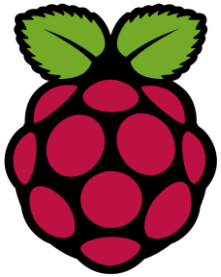
USNAP Wi-Fi Module



Thermostat

Plug Loads

Embedded Wi-Fi Modules



Load Controller Sensor Platform

SkyCentrics Devices

SkyCentrics Cloud with REST API

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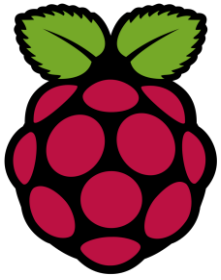
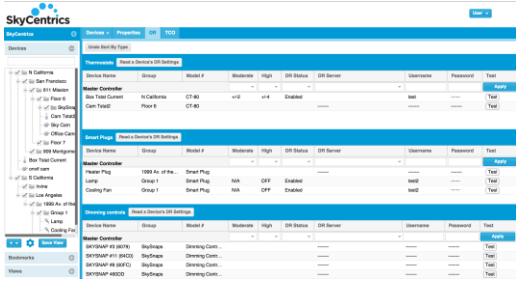


Load Controller Sensor Platform

SkyCentrics Devices

SkyCentrics Cloud with REST API

SkyCentrics Apps

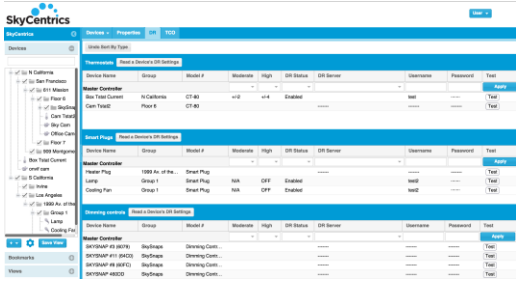


SkyCentrics Platform
Focused on Commercial Buildings

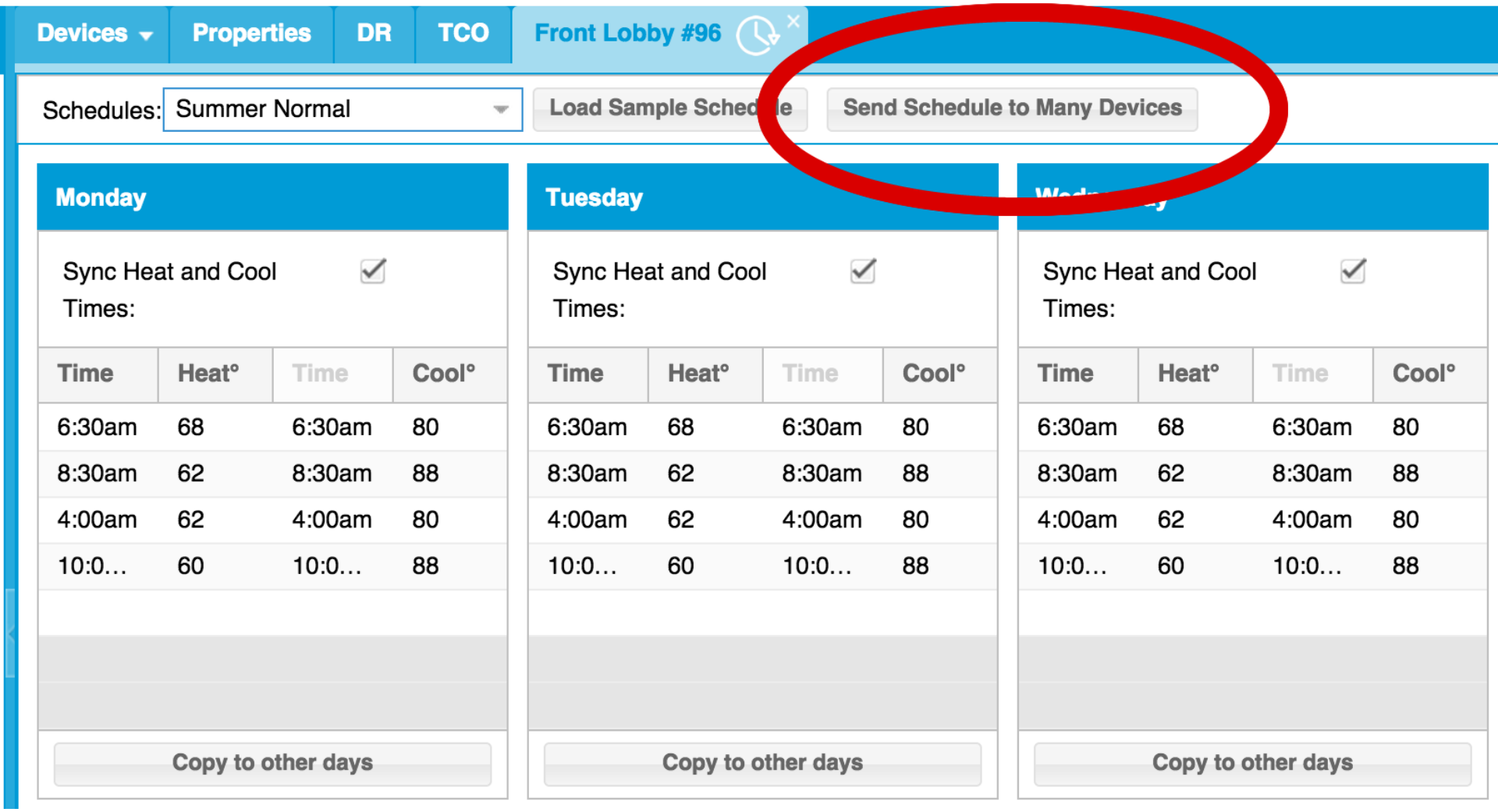


SkyCentrics Cloud with REST API

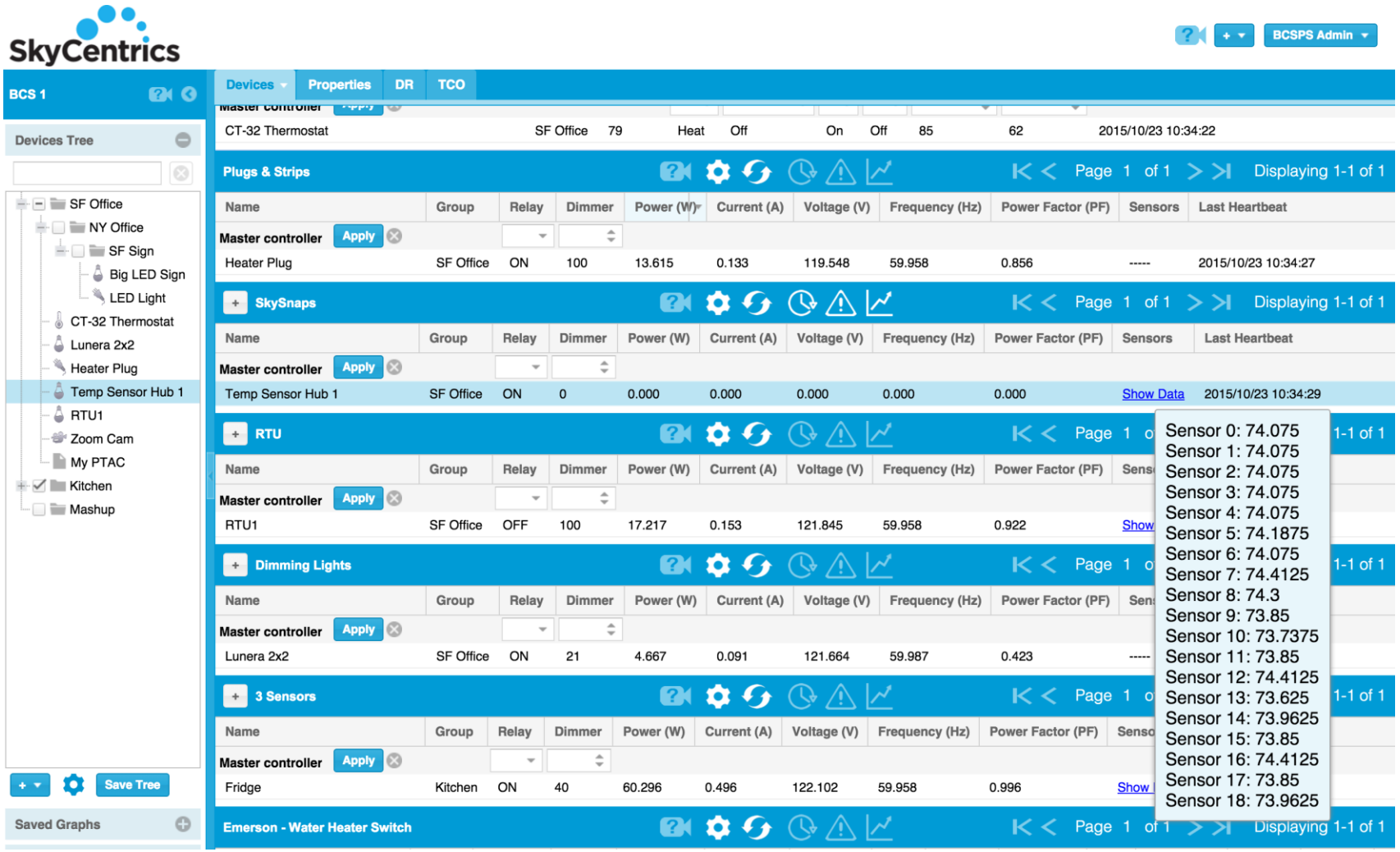
SkyCentrics Apps



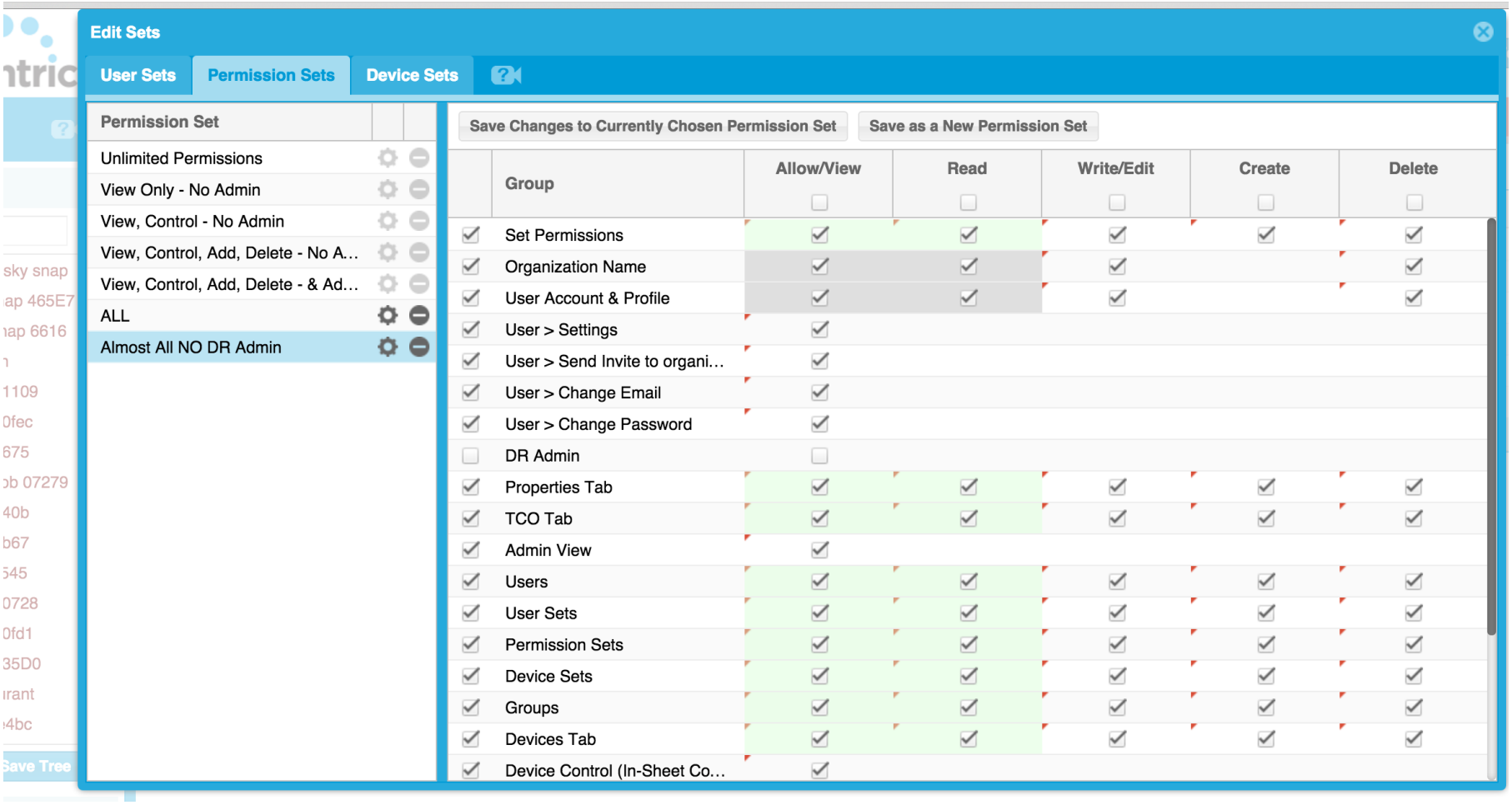
Schedule 1,000 devices with one click



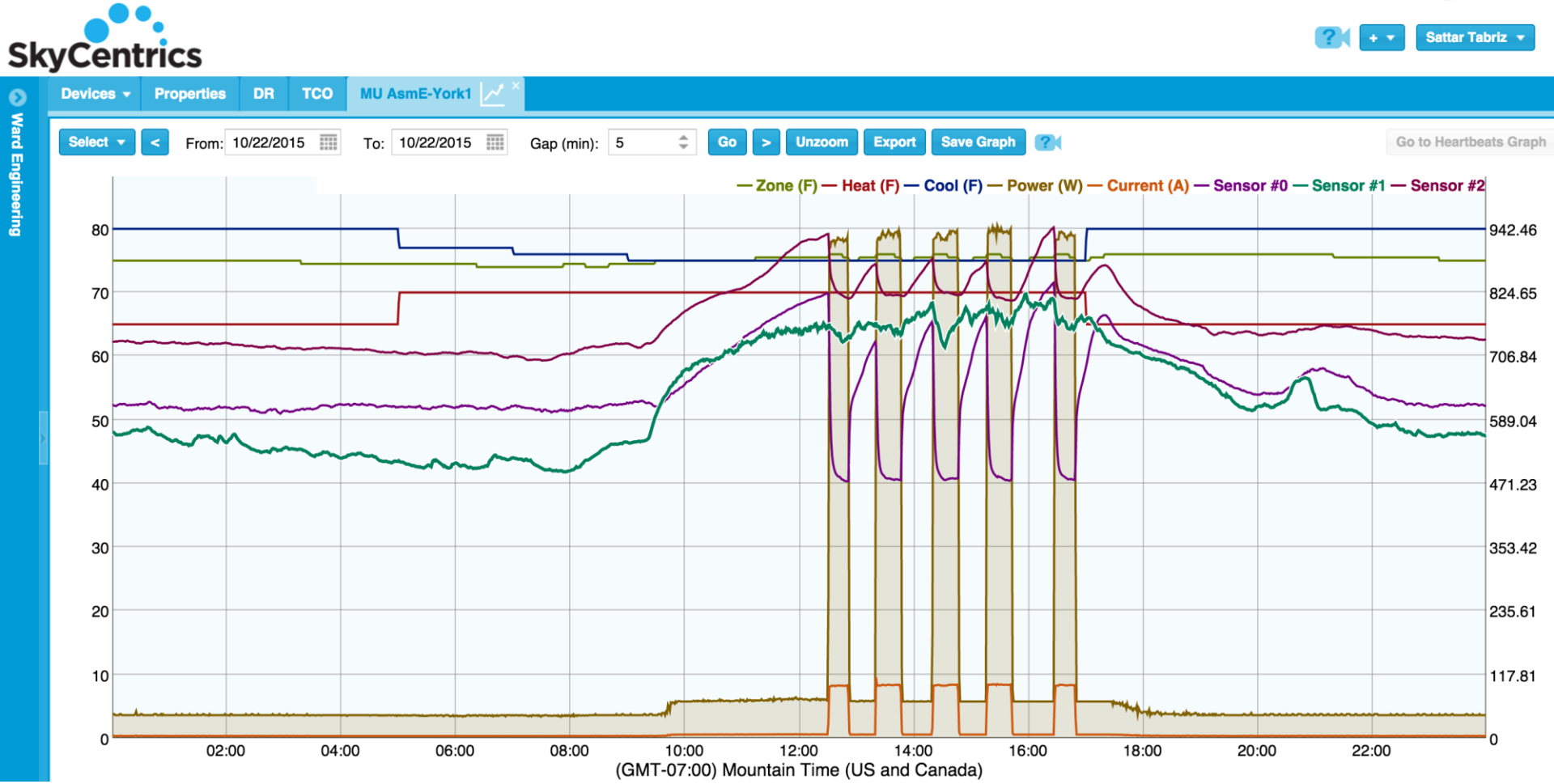
Infinite Grouping



Granular Permissions



High Resolution Data – Every 5 seconds



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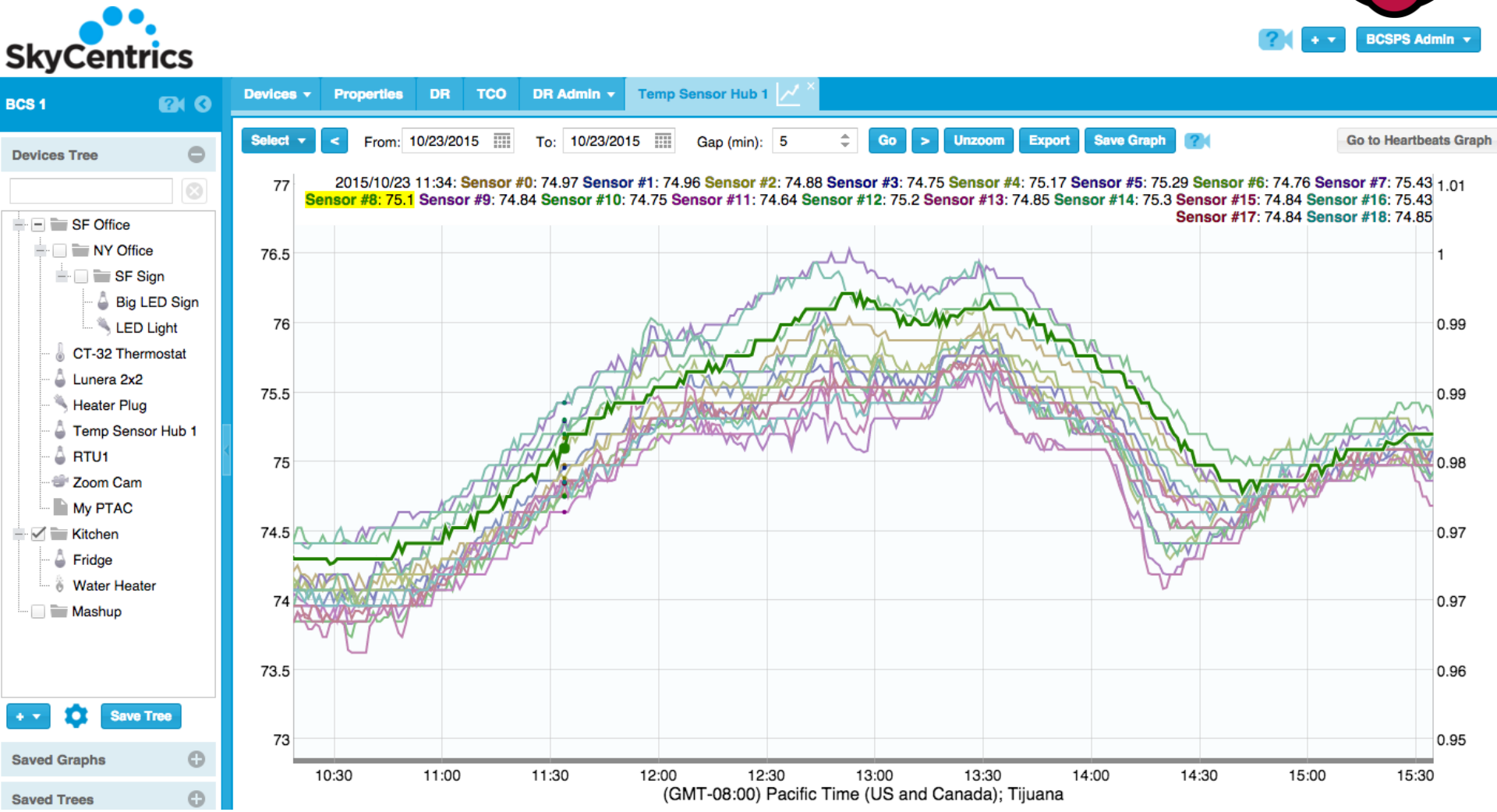


CEA-2045 Standard

openADR™

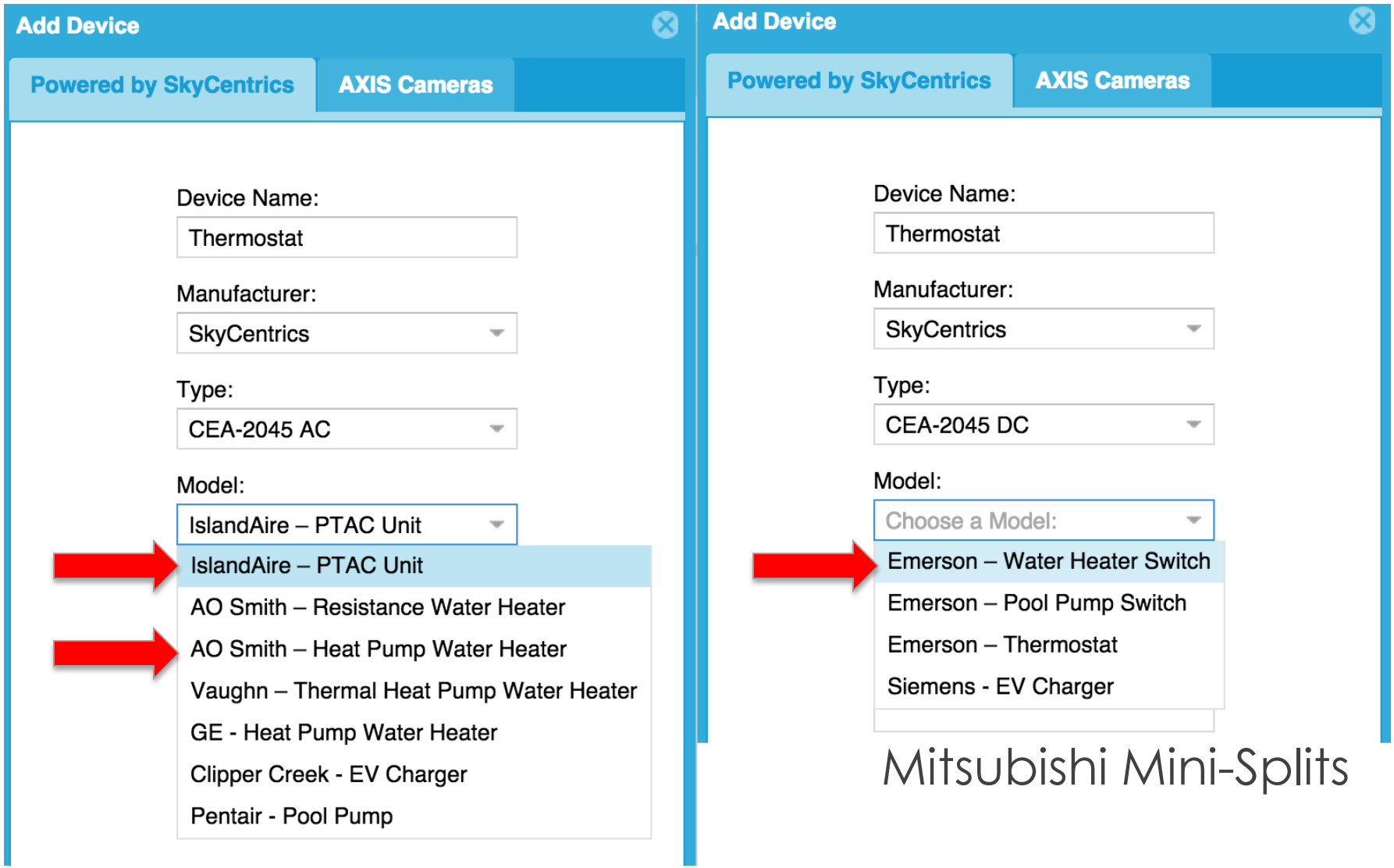
CEA

USNAP ALLIANCE

EPRI ELECTRIC POWER RESEARCH INSTITUTE

Do you remember?

CEA-2045 Devices



Mitsubishi Mini-Splits

SkyCentrics

Real Smart Grid Communications

Event Type	Color	
No Event		
Shed		
Cycling		
CPE		Critical Peak Event
GE		Grid Emergency
GG - Bad		Grid Guidance - Bad
GG - Neutral		Grid Guidance - Neutral
GG - Good		Grid Guidance - Good
PL - 0-10%		Reduce Average Power Level
PL - 10-20%		
PL - 20-30%		
PL - 30-40%		
PL - 40-50%		
PL - 50-60%		
PL - 60-70%		
PL - 70-80%		
PL - 80-90%		
PL - 90-100%		

openADR™

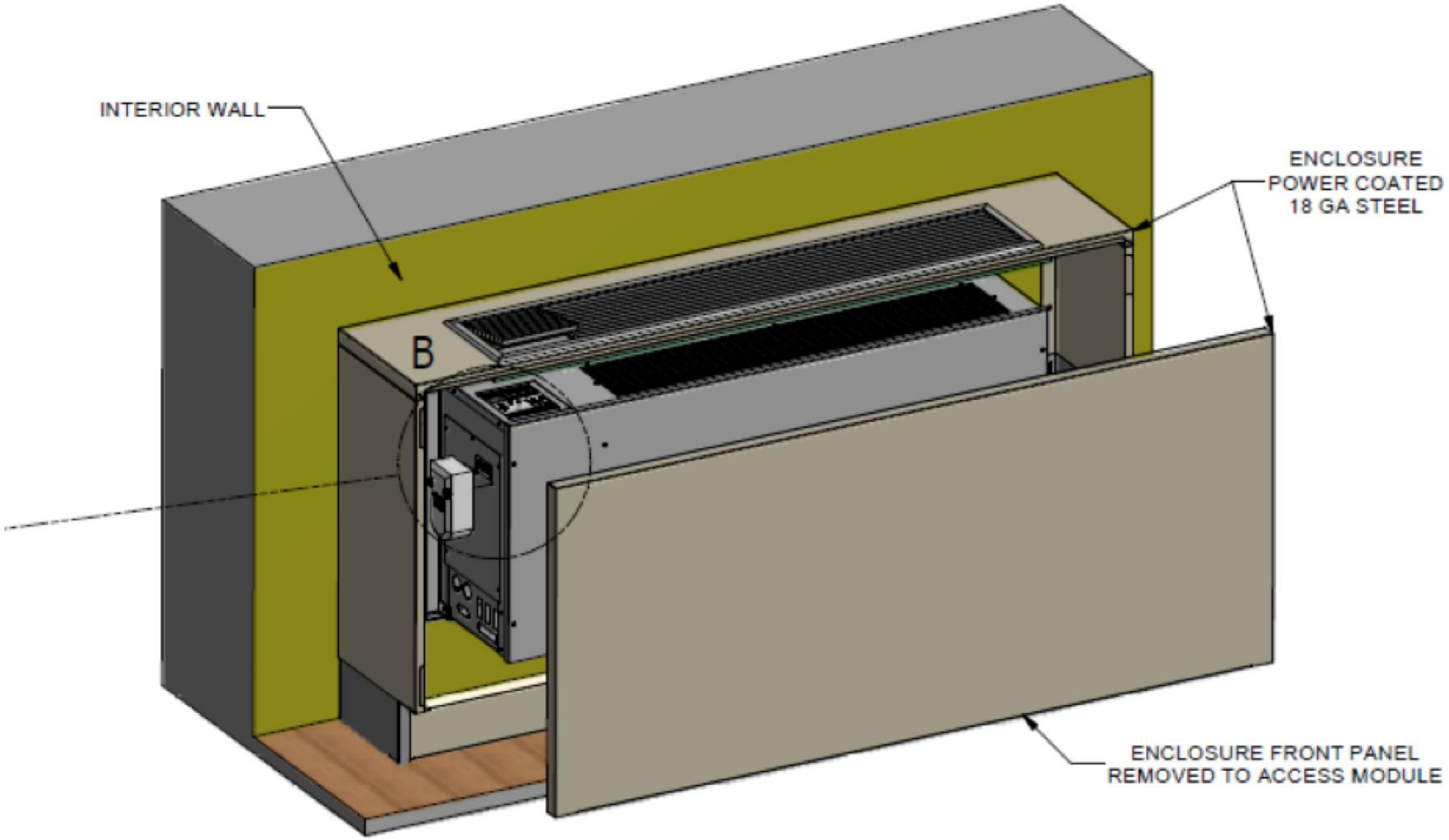
PTAC Units

Hotels

Apartment Buildings

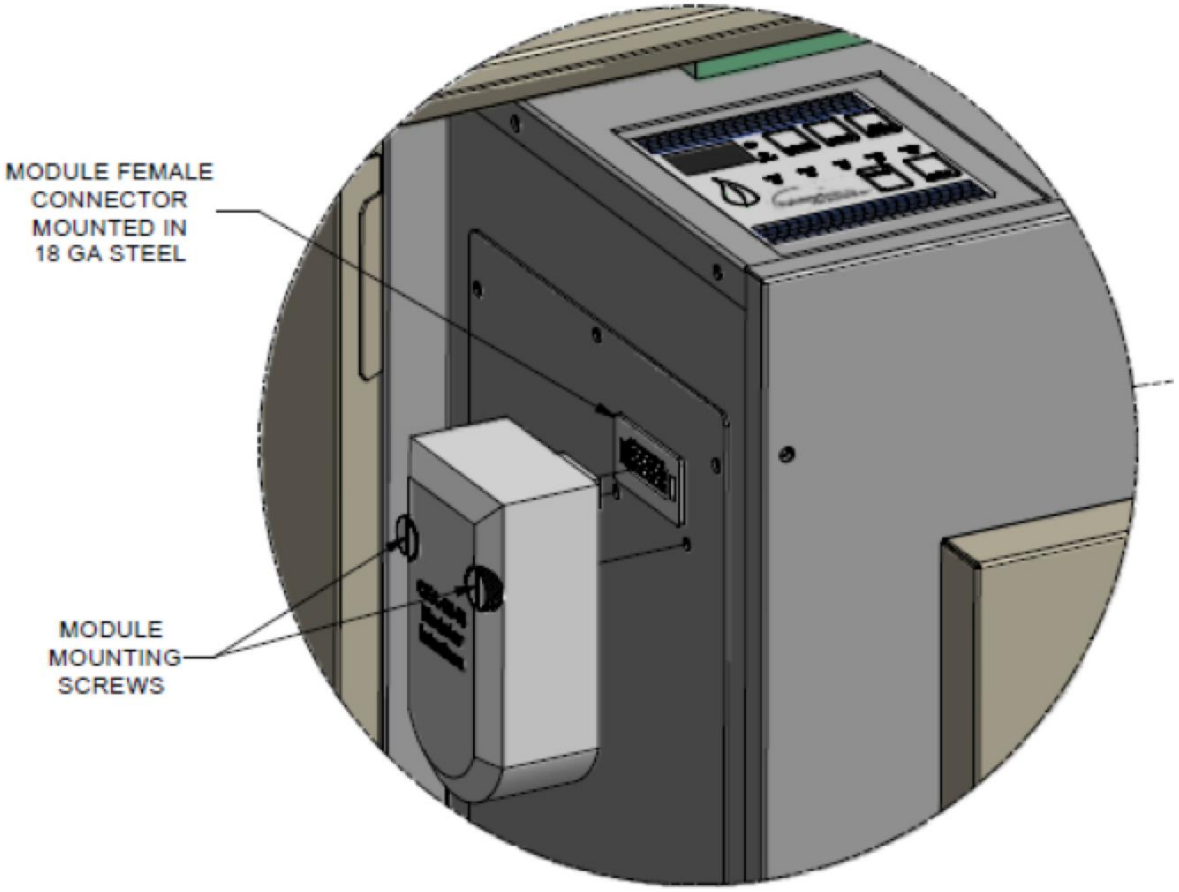
SkyCentrics

Complete PTAC Unit – SkyCentrics AC module circled



SkyCentrics

Left Side View PTAC Unit – SkyCentrics Wi-Fi Radio



DETAIL B

SkyCentrics

We are seeking partnerships and customers with:

Customer	Value	Technologies
Building Owners	Controls and Sensors Predictive Maintenance Anomaly Detection Extend Asset Life	• Monitor, Control, Schedule through Apps • Receive Alerts • Review Complete Historical Data • Optimize building performance with weather
ESCO's Integrators	Real Time Sub-Metering IoT Controls and Sensors	
Utilities	Real Time Load Shed, Load Up Dynamic Grid Balancing	

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