RACEPOINT
RETHINKING THE GRID

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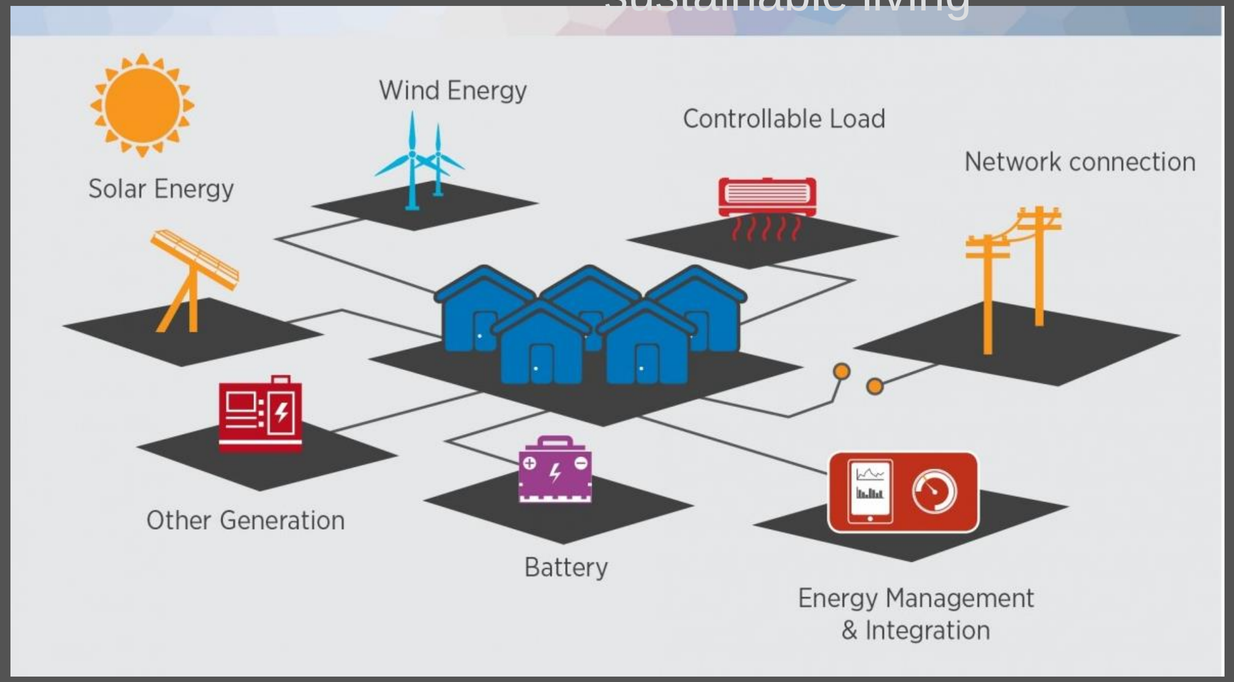
MOTIVATIONS

- Concern for security and safety given more frequent and longer power outages
- Financial: Decreased cost of solar and storage - Increased cost in Electricity
- Environment: Demand for sustainable living



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Nano Grids and Micro Grids

Dynamic Load Management
Storage
Solar

- grid independence
- emergency power
- energy savings
- energy efficiency
- energy storage
- clean power generation

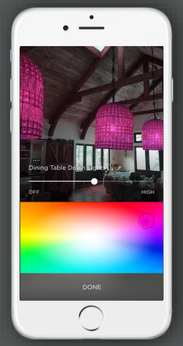
Solar Division
- Commercial and Residential
- Roof, ground mount and carports
- Standard and Thin film

(PROPRIETARY AND CONFIDENTIAL)

SAVANT SYSTEMS

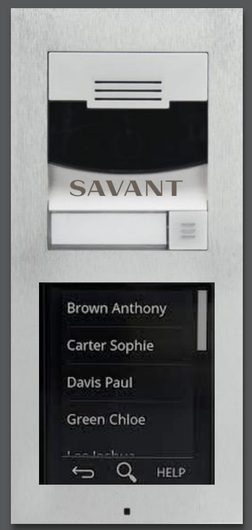
HD AUDIO & VIDEO OVER IP

LIGHTING & SHADES

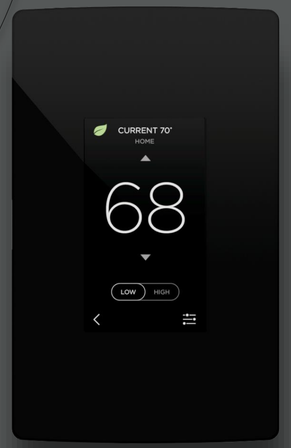


PREMIER USER INTERFACES

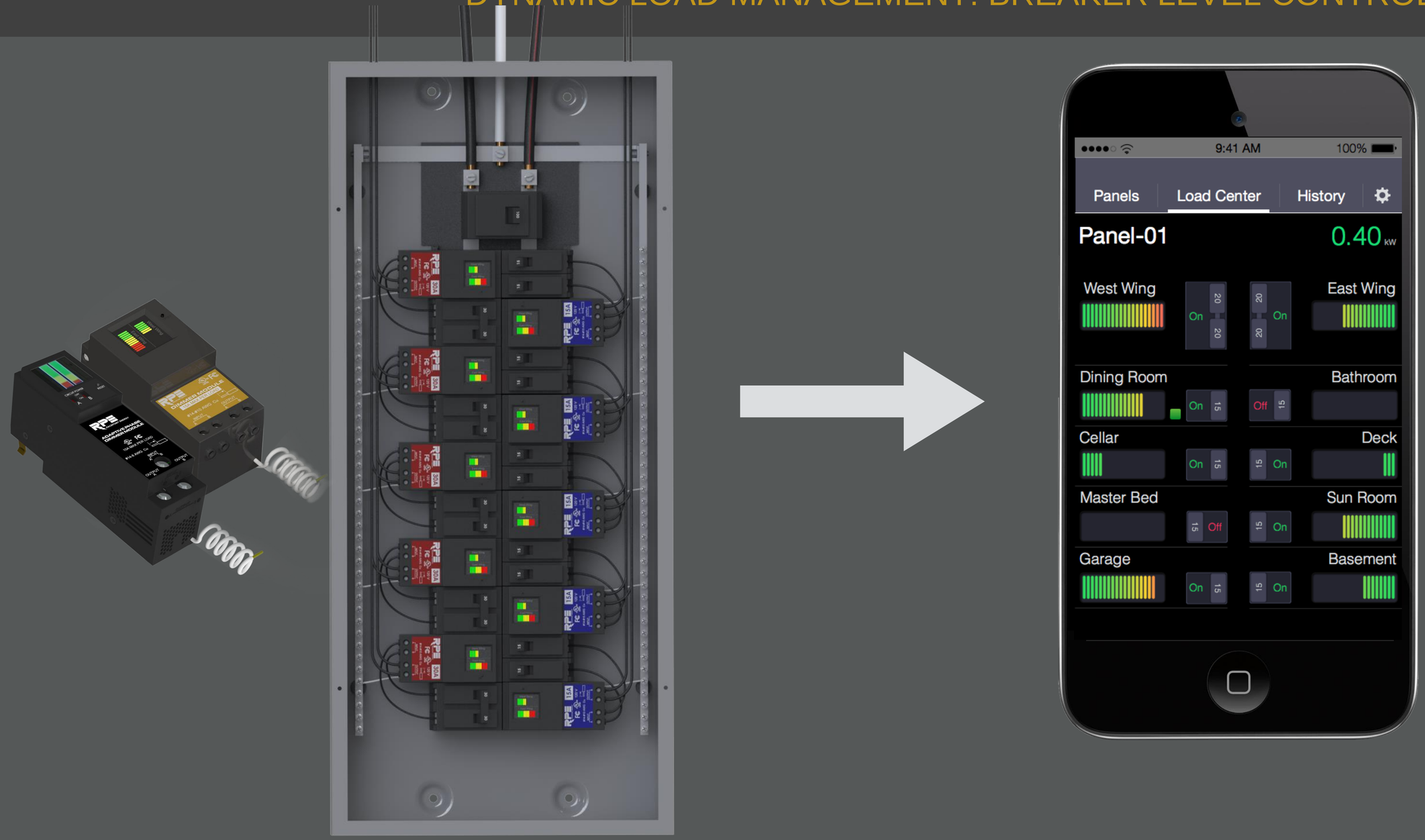
SECURITY & ENTRY



CLIMATE CONTROL



DYNAMIC LOAD MANAGEMENT: BREAKER LEVEL CONTROL



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RACEPOINT NANO GRID

Battery Backup
Microgrid Forming Inverter

Fully Integrated
Residential Grid

Dynamic Breakers
and
Energy Management

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RACEPOINT MICRO GRID

Microgrid Forming Inverter

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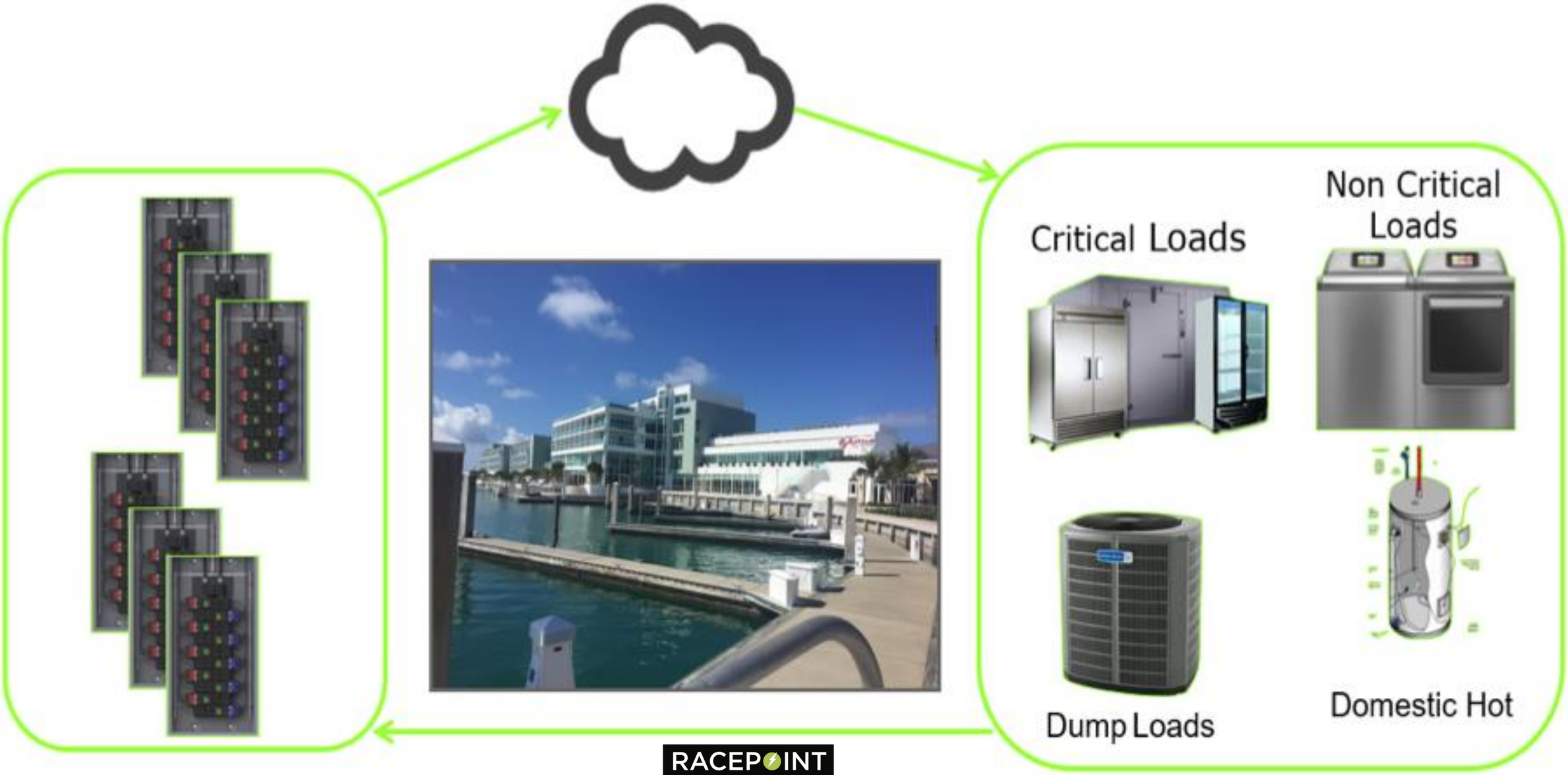
RACEPOINT DEMAND SIDE MANAGEMENT



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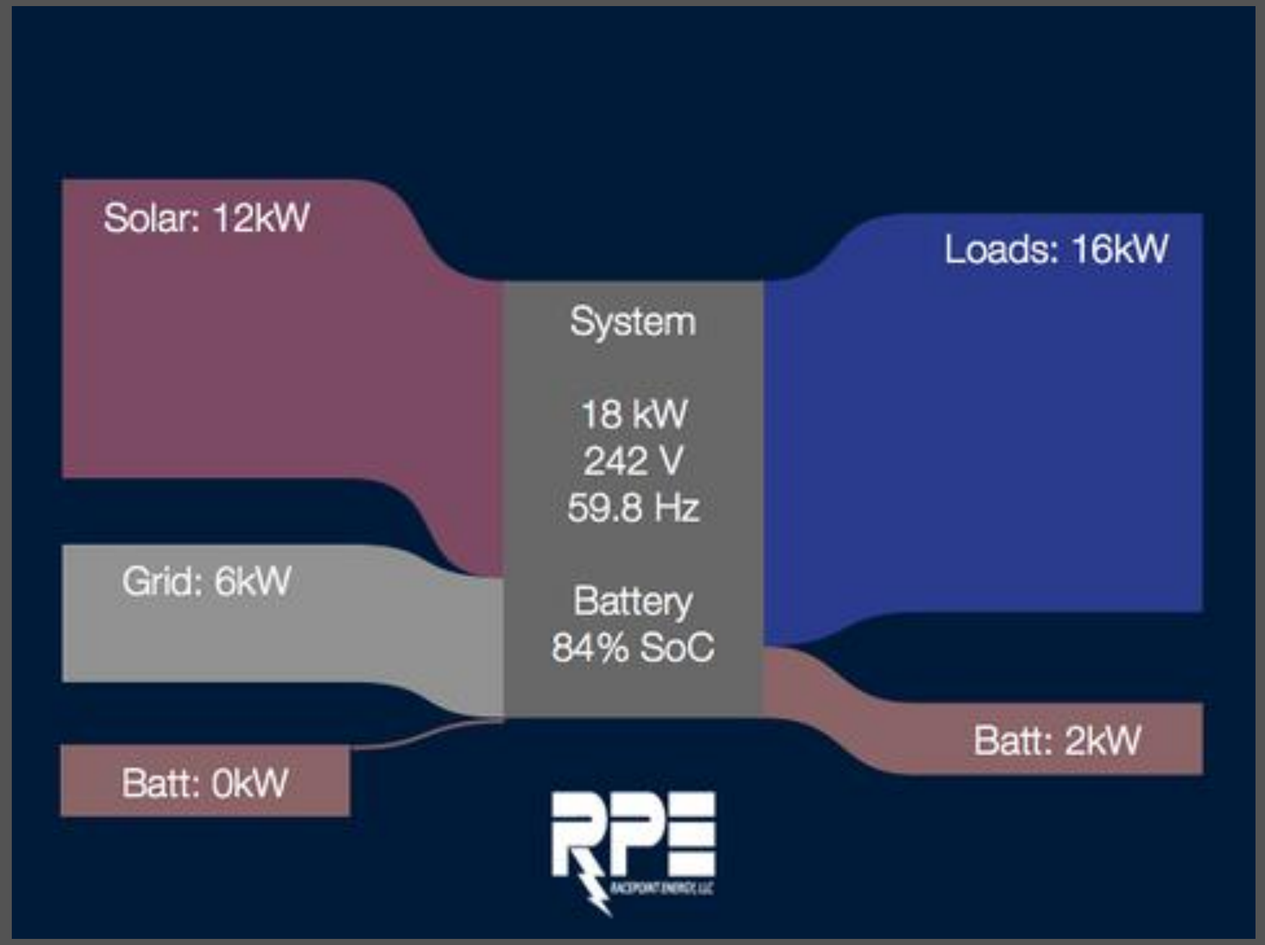
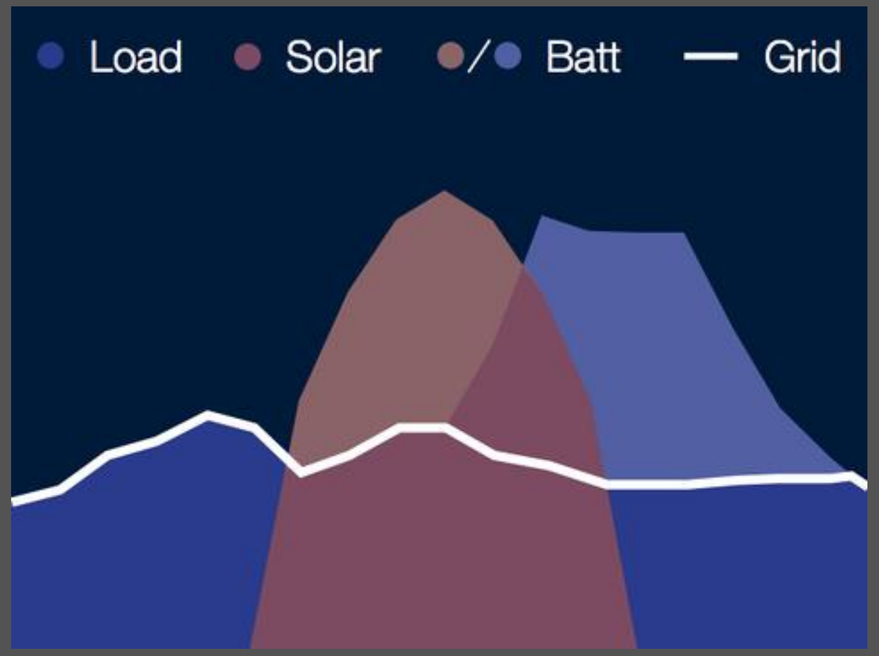
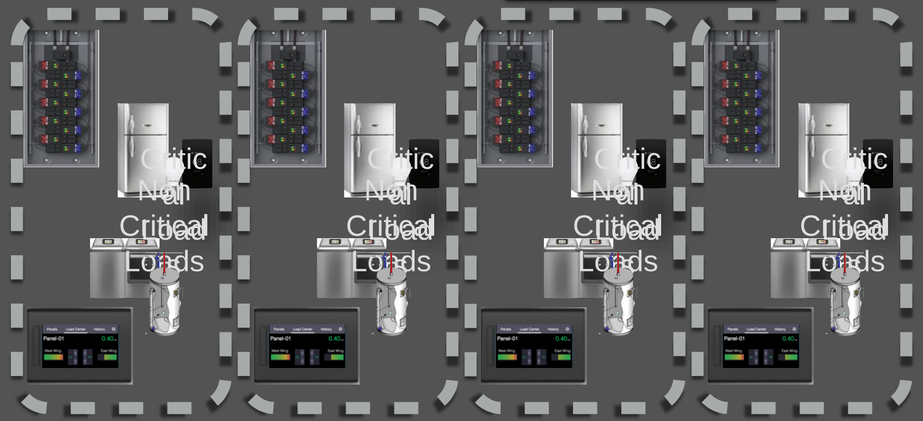
FULLY INTEGRATED MICRO GRID



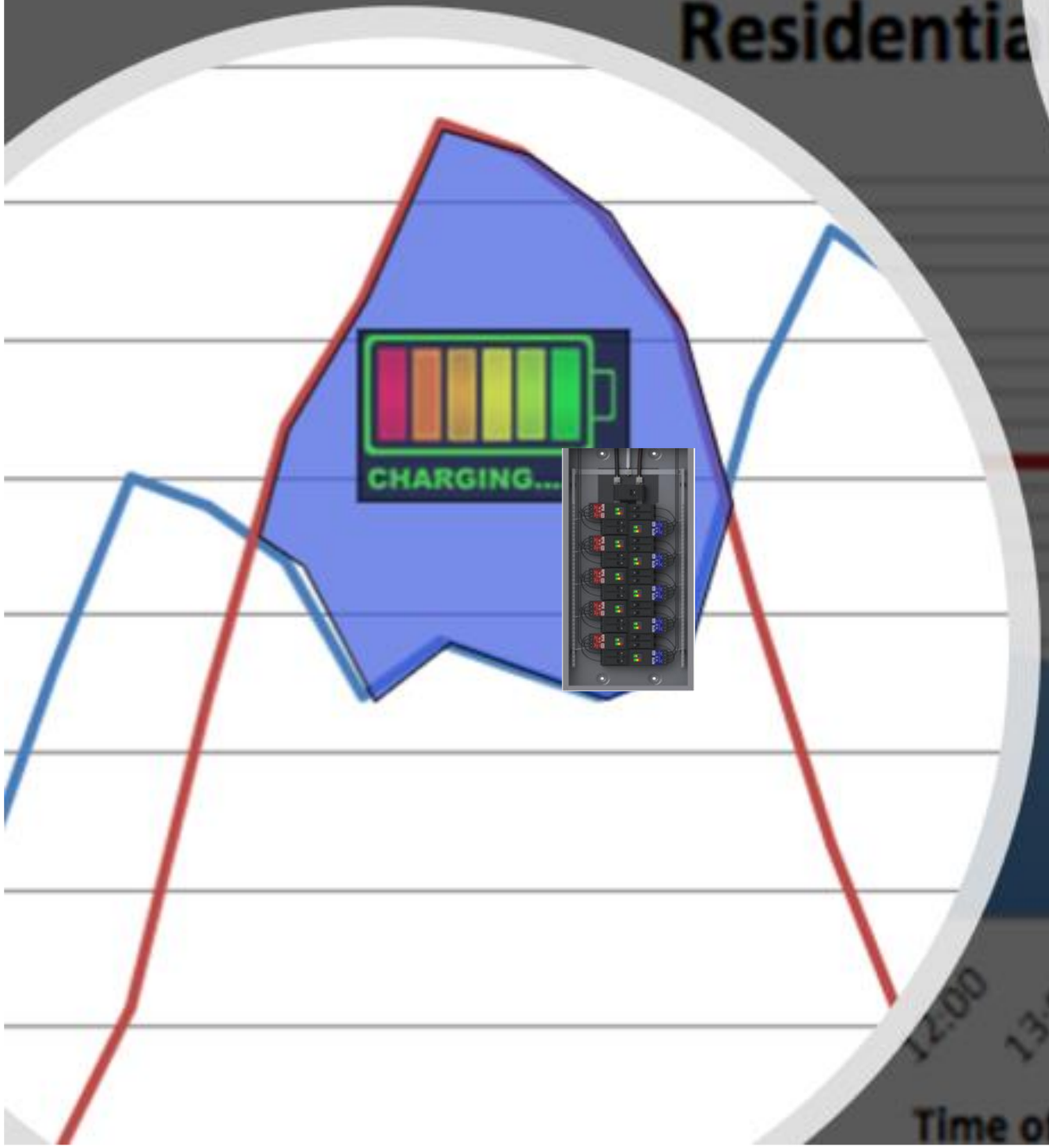
System Optimized for Normal Operation or Grid Failure Mode

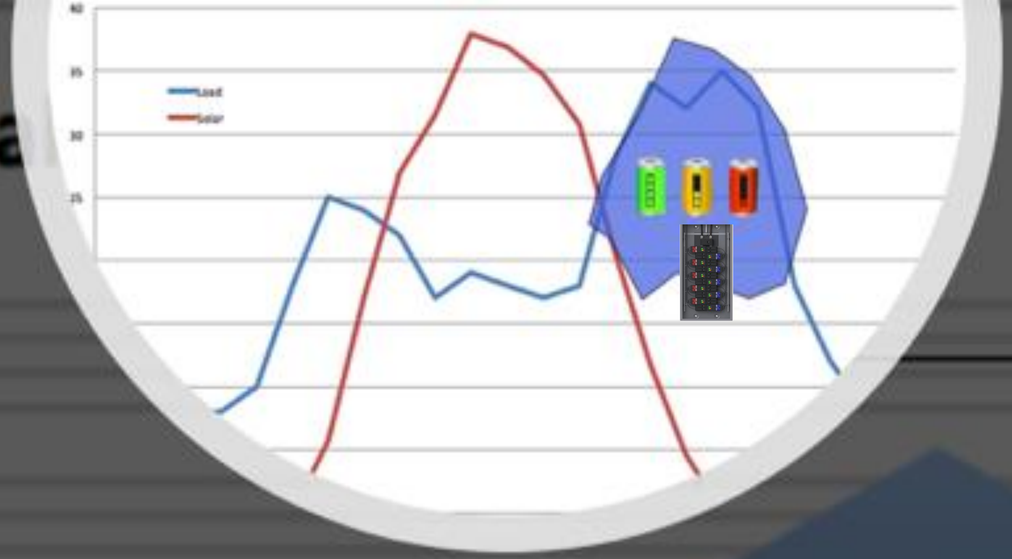


COMMUNITY/ UTILITY MICROGRIDS



Residentia





- Batteries Support Load Shifting
- Capture Mid-Day Solar to Batteries
- Release During Peak Demand Evening Hours

12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

Time of Day

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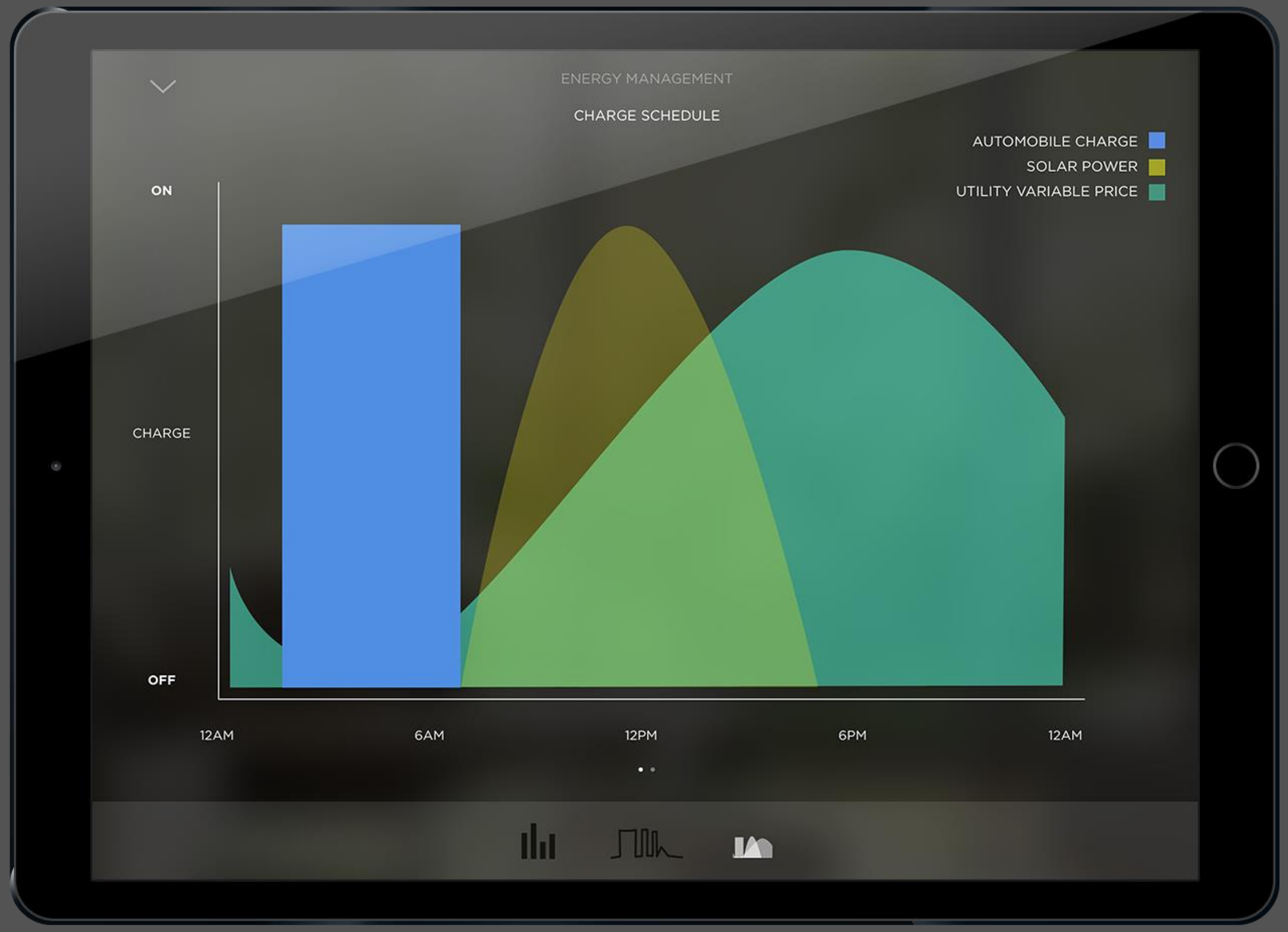
SMART CONTROLS



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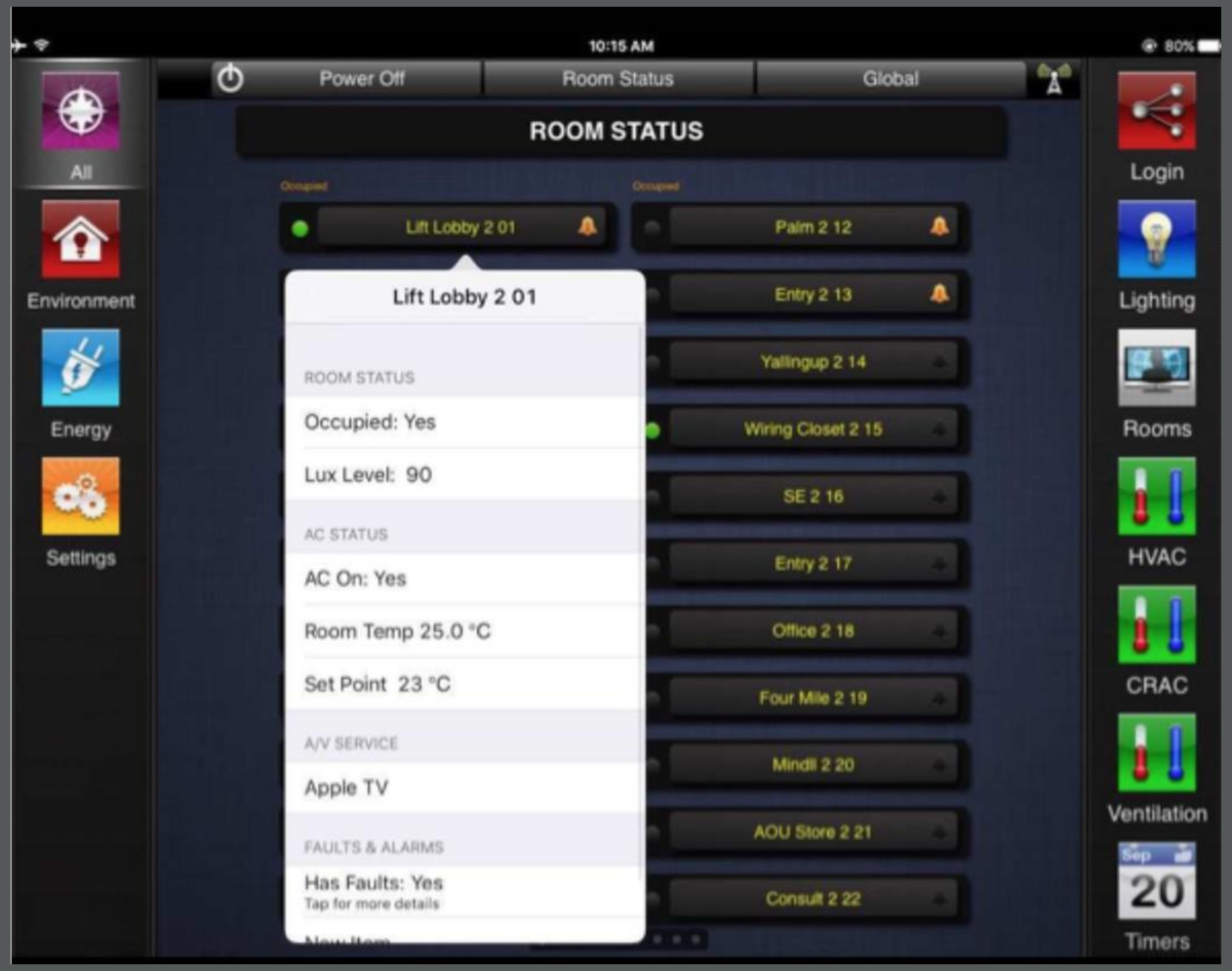
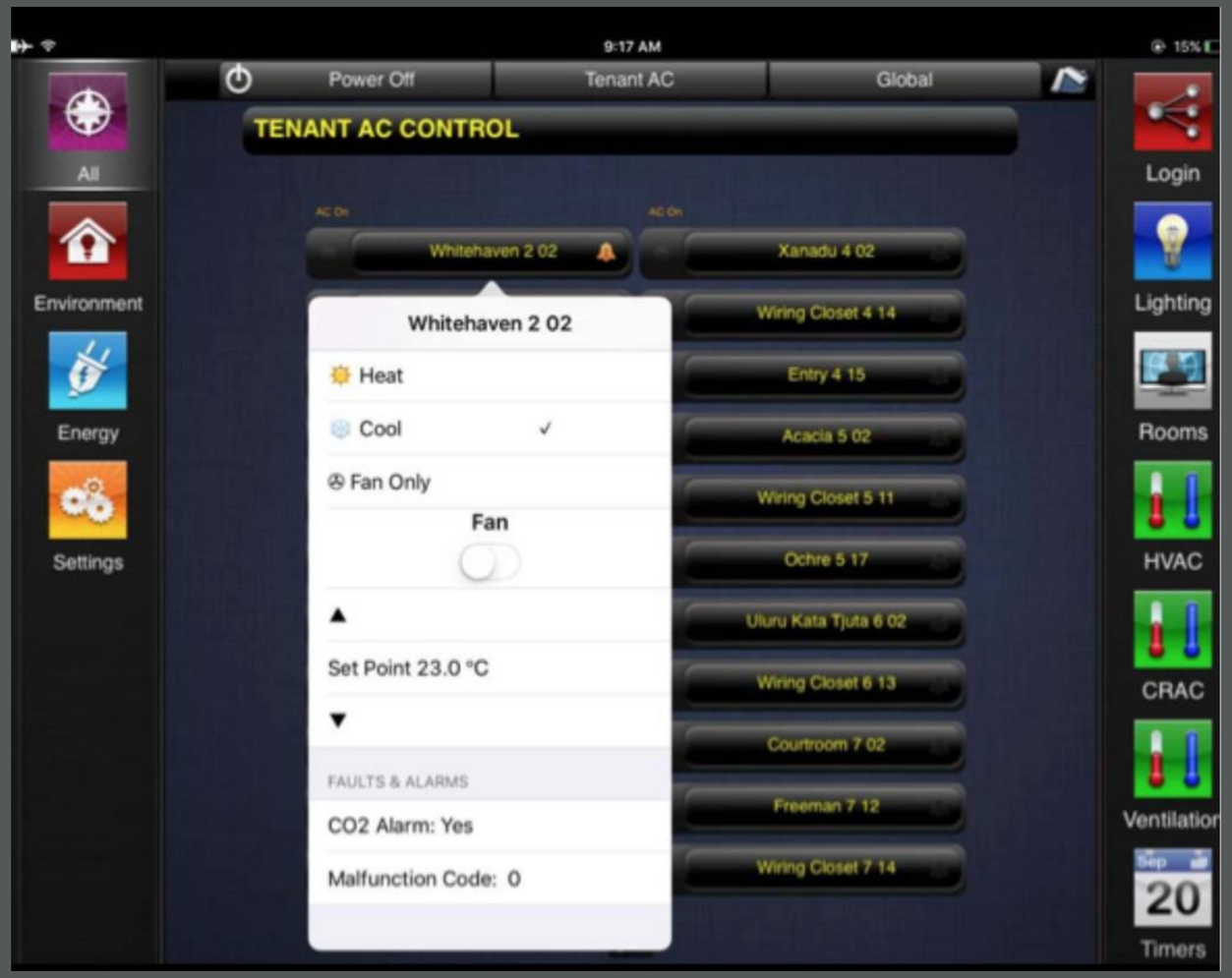
TOTAL CLIMATE CONTROL & OCCUPANCY MANAGEMENT





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Building Management System

GRID AUTONOMY

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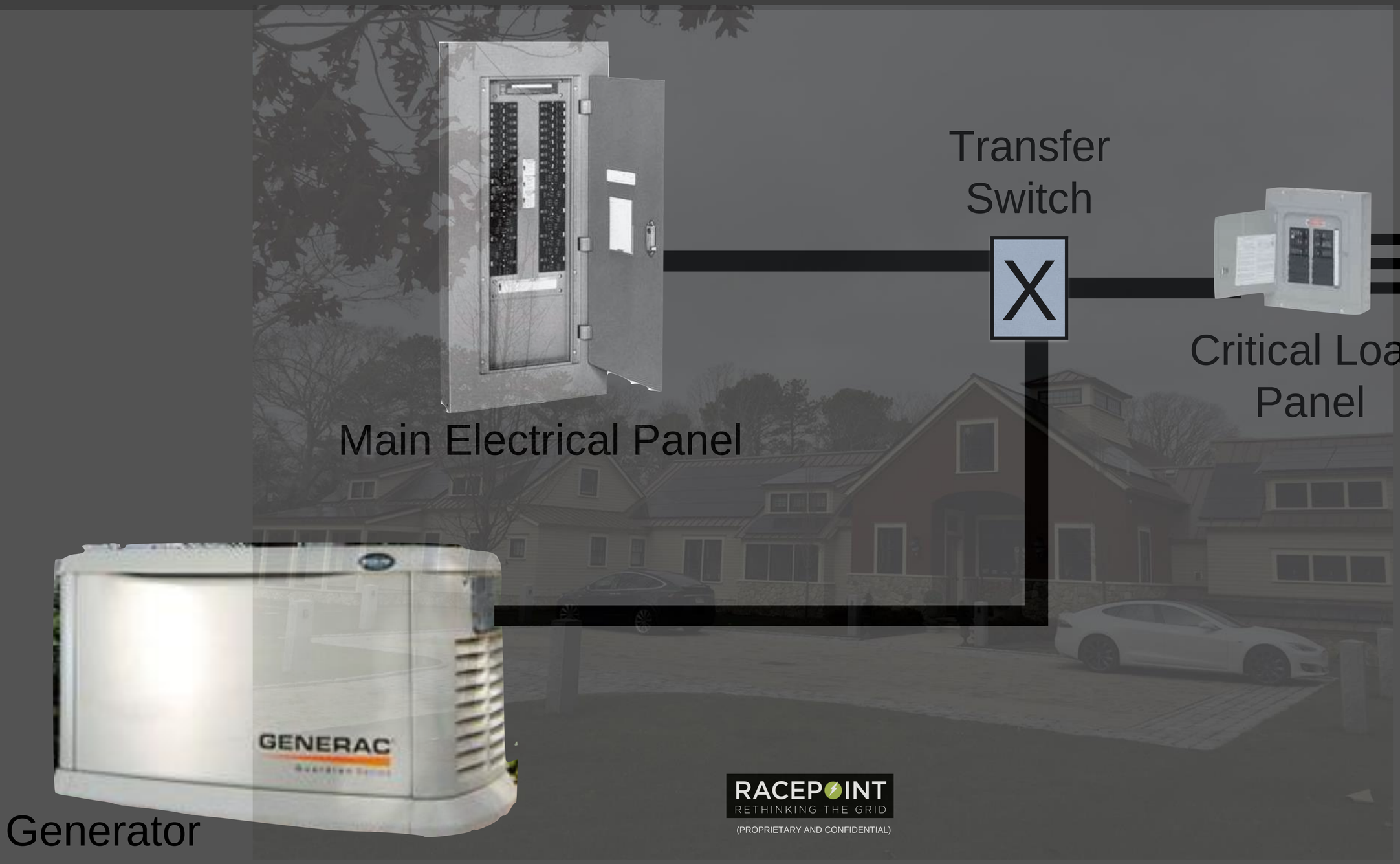
Residential

Critical Load Panel



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Hotels & MDUs

Residential

Geo & Energy Islands

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Thank You
www.racepointenergy.com

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