

# GRIDLESS POWER

Joint Services Power Expo 2015

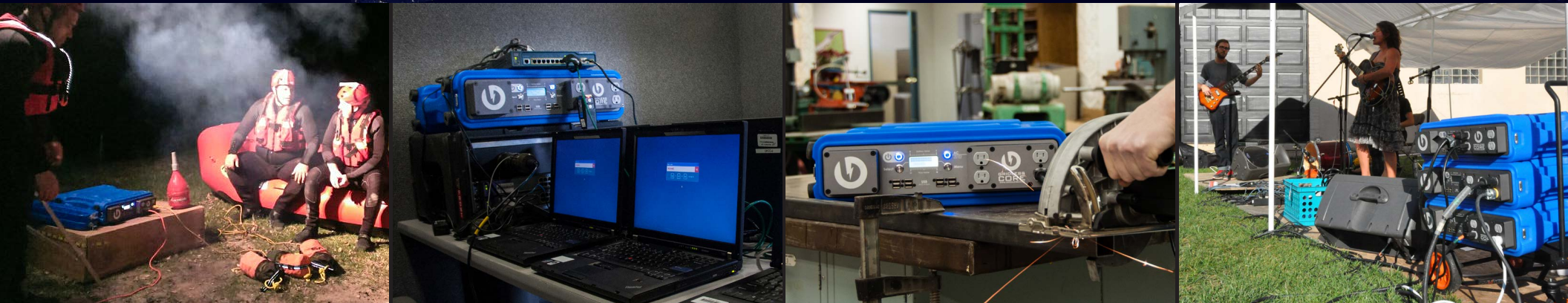
Reducing Logistical Burden  
and Increasing Capabilities through

## Nanogrids





# GRIDLESS POWER



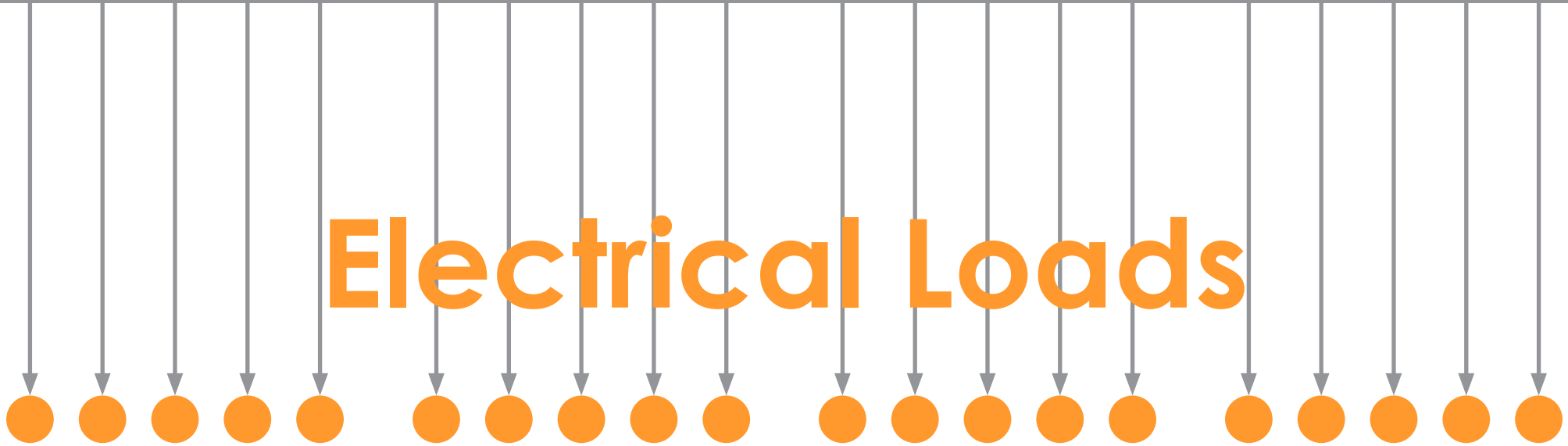
- Nanogrids introduction
- Nanogrids in action
- Connected power

**Traditional Power Sources**

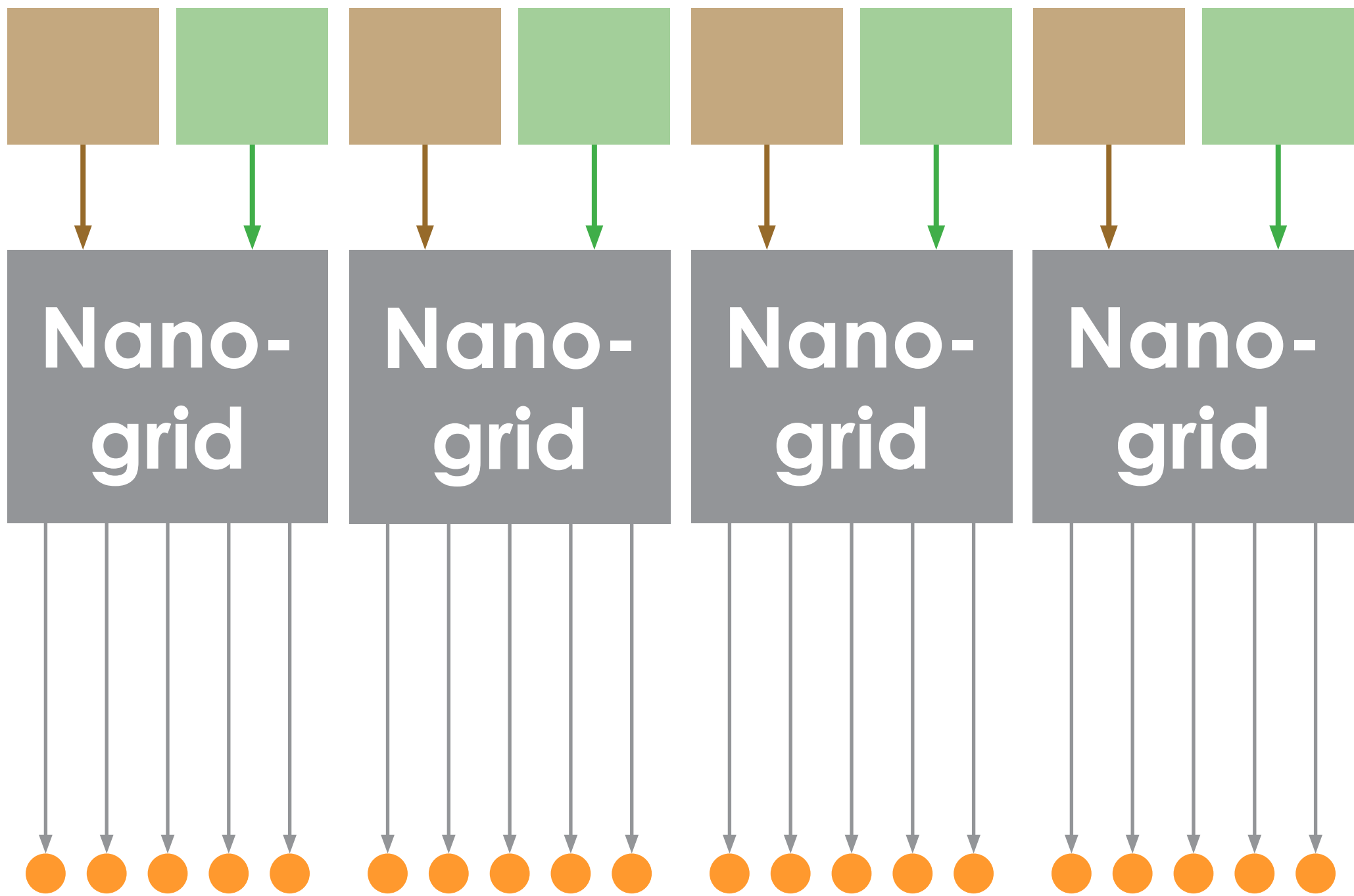
**Renewable Power Sources**

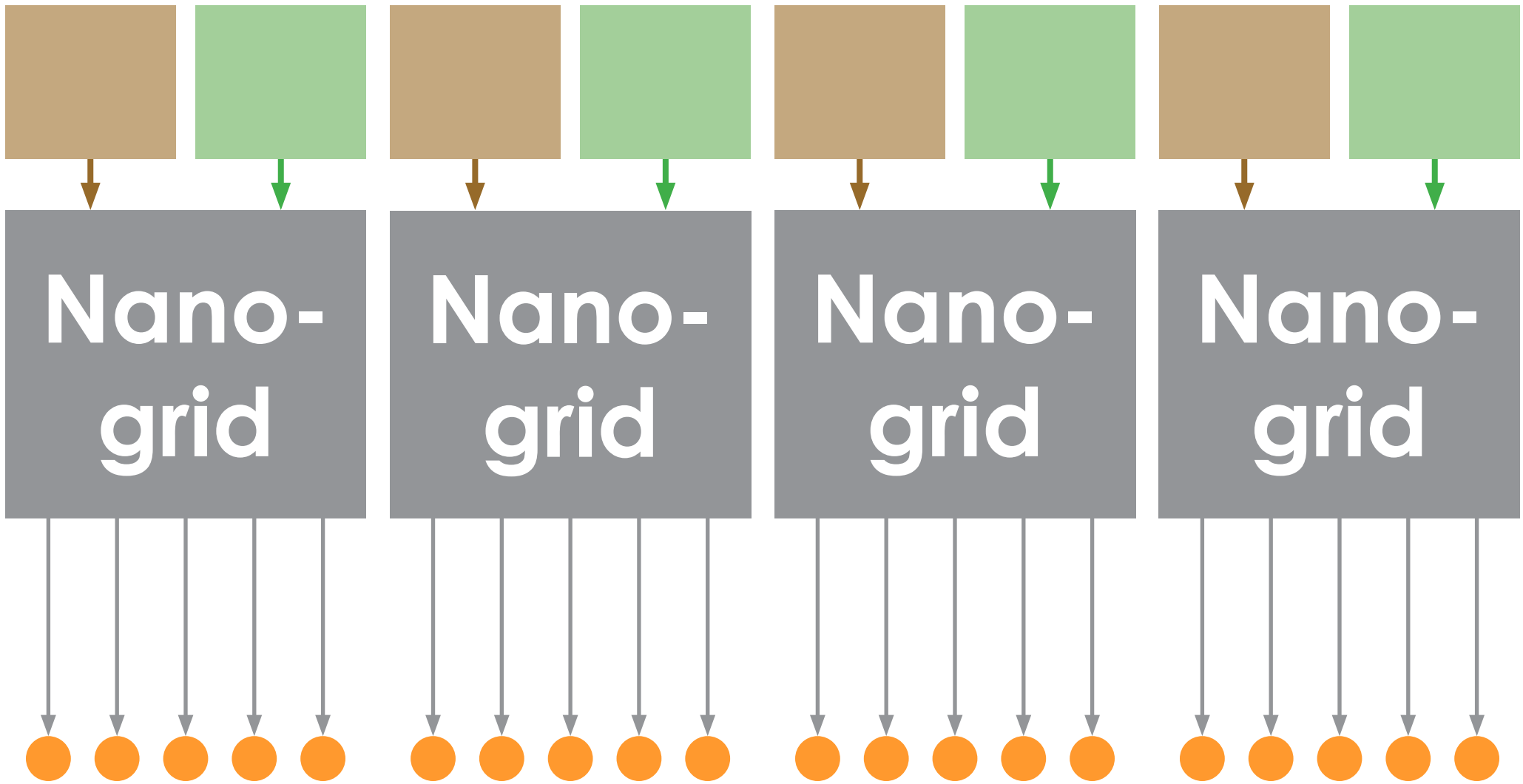
**Grid**

**Electrical Loads**









Cellphones



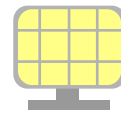
Tablets



Radios



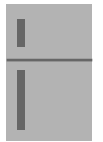
Laptops



Lighting

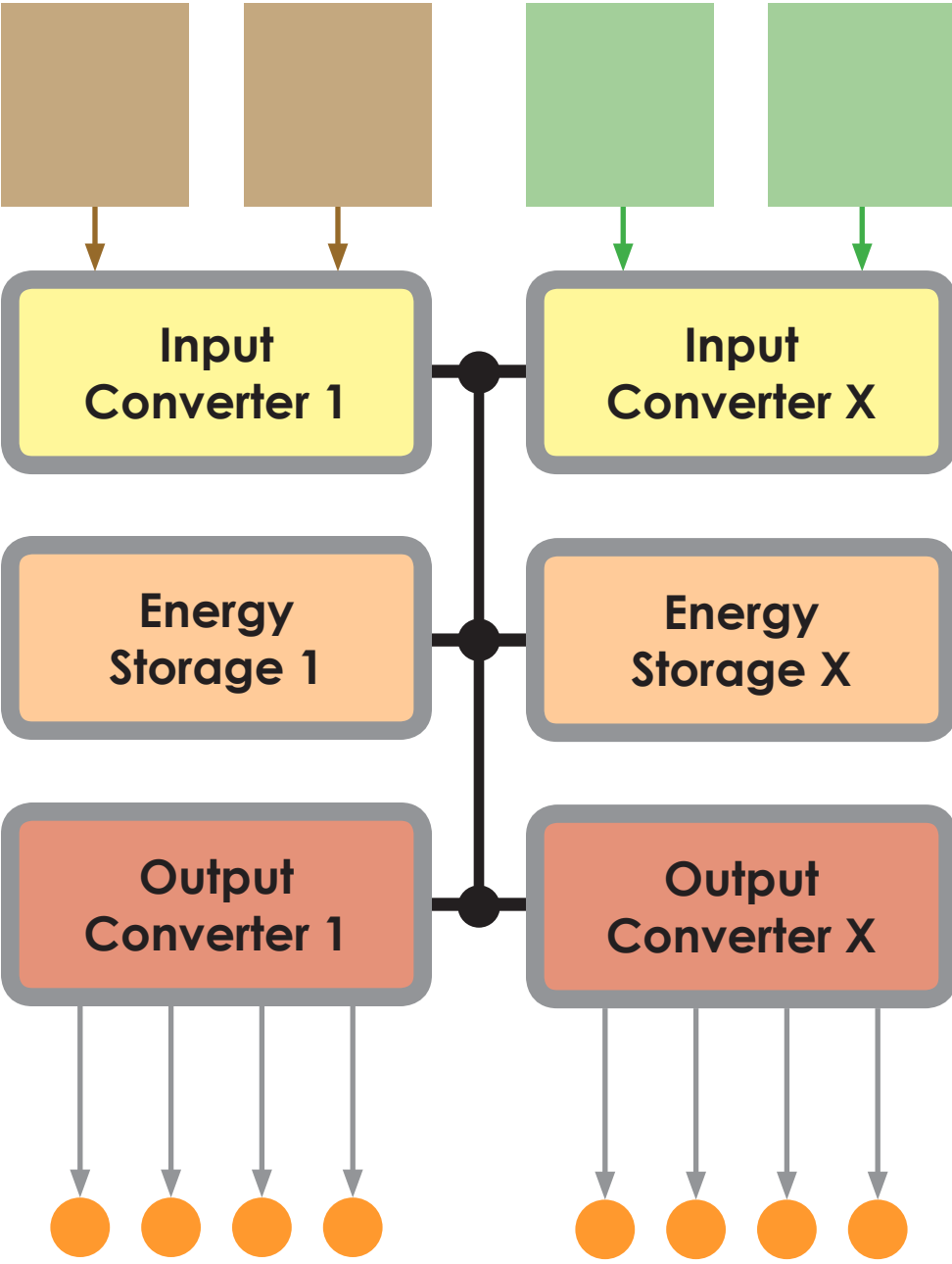


Power-tools

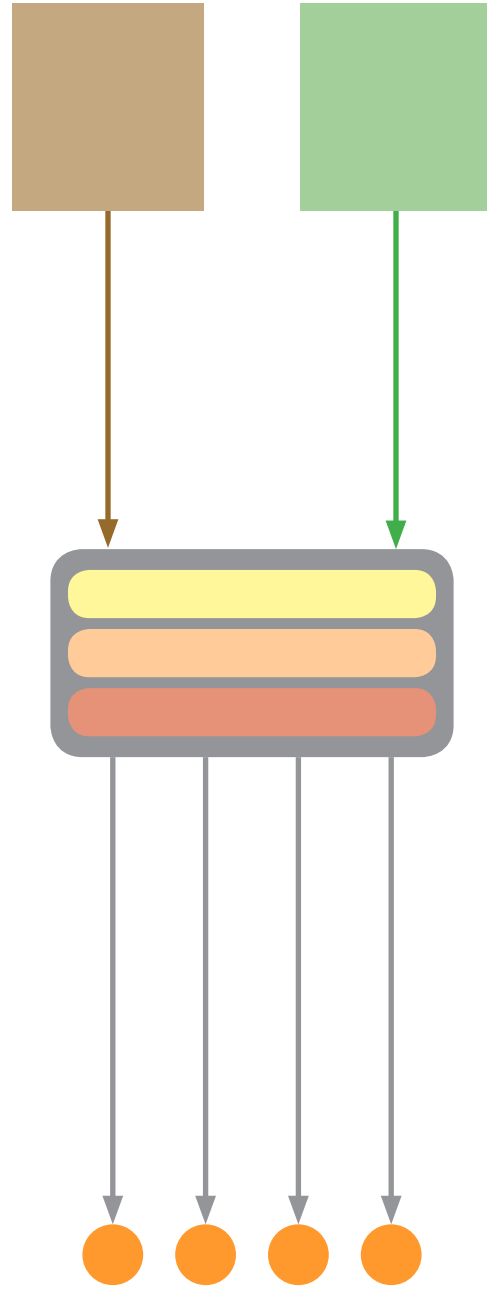


Refrigeration

# Microgrid

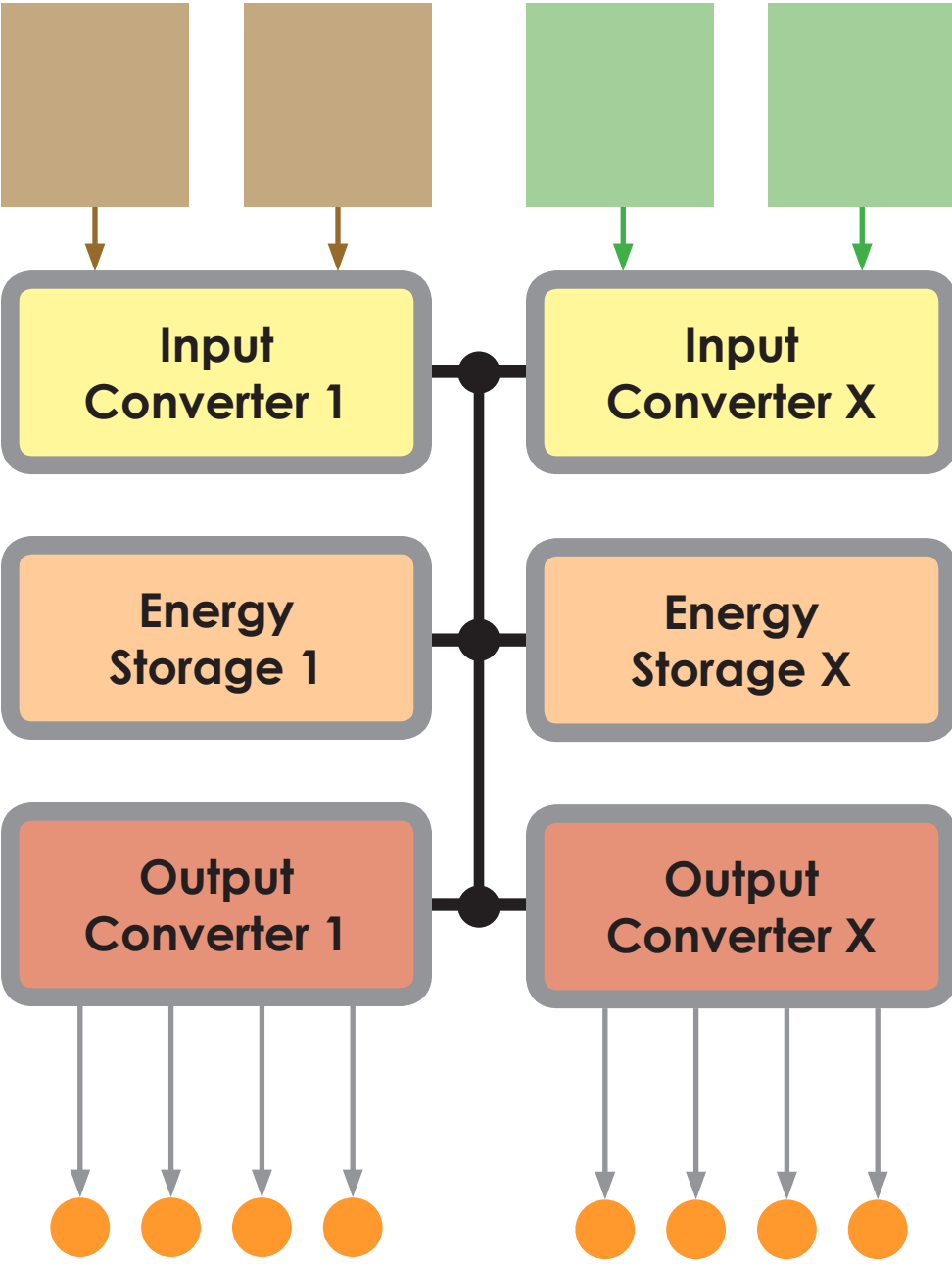


# Nanogrid





# Microgrid



# Nanogrid



# Gridless CORE



Use it



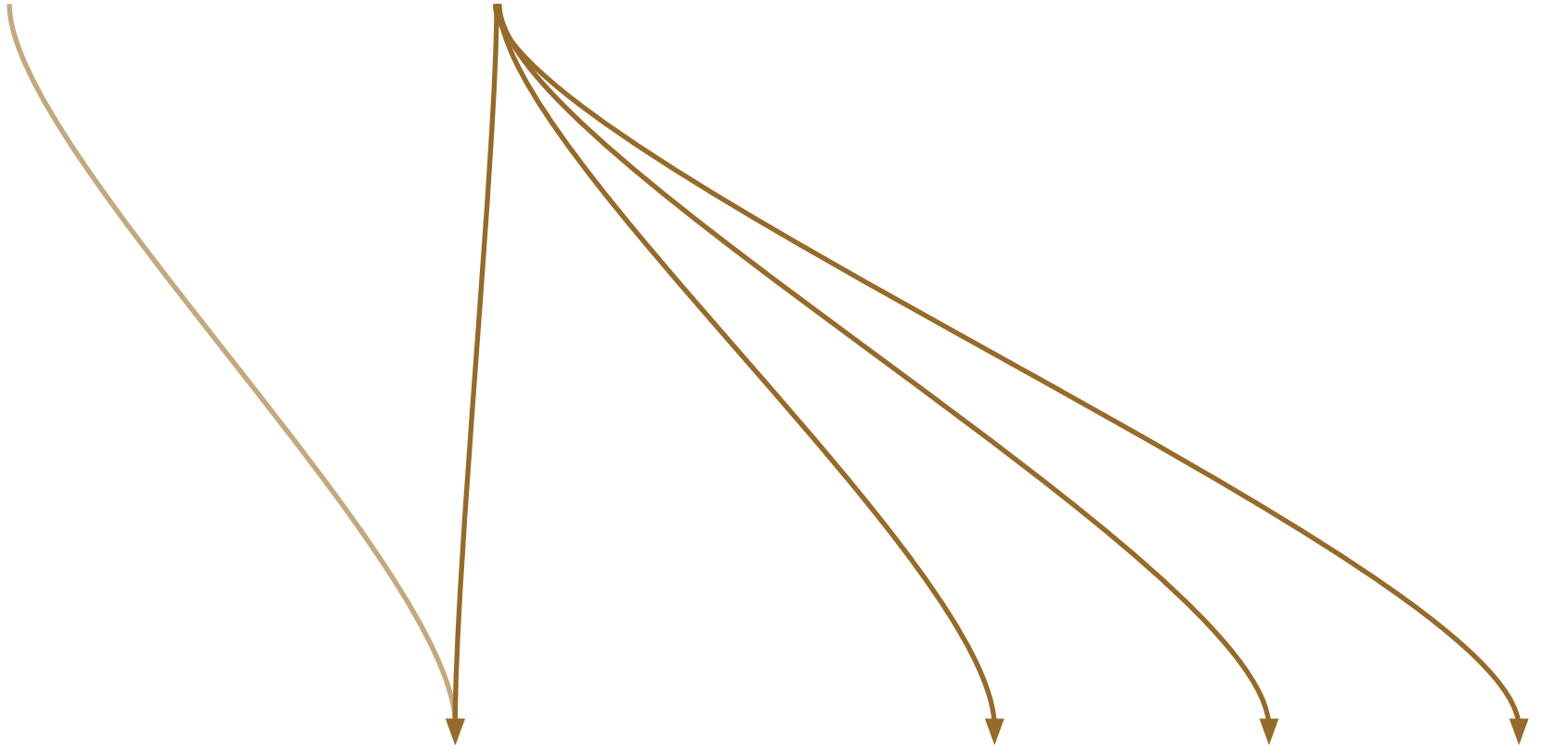
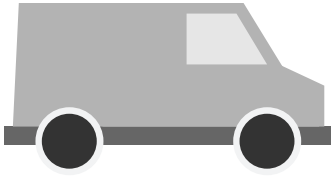
Move it



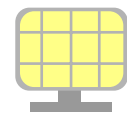
Charge it



Track it



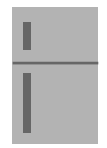
**Radios**



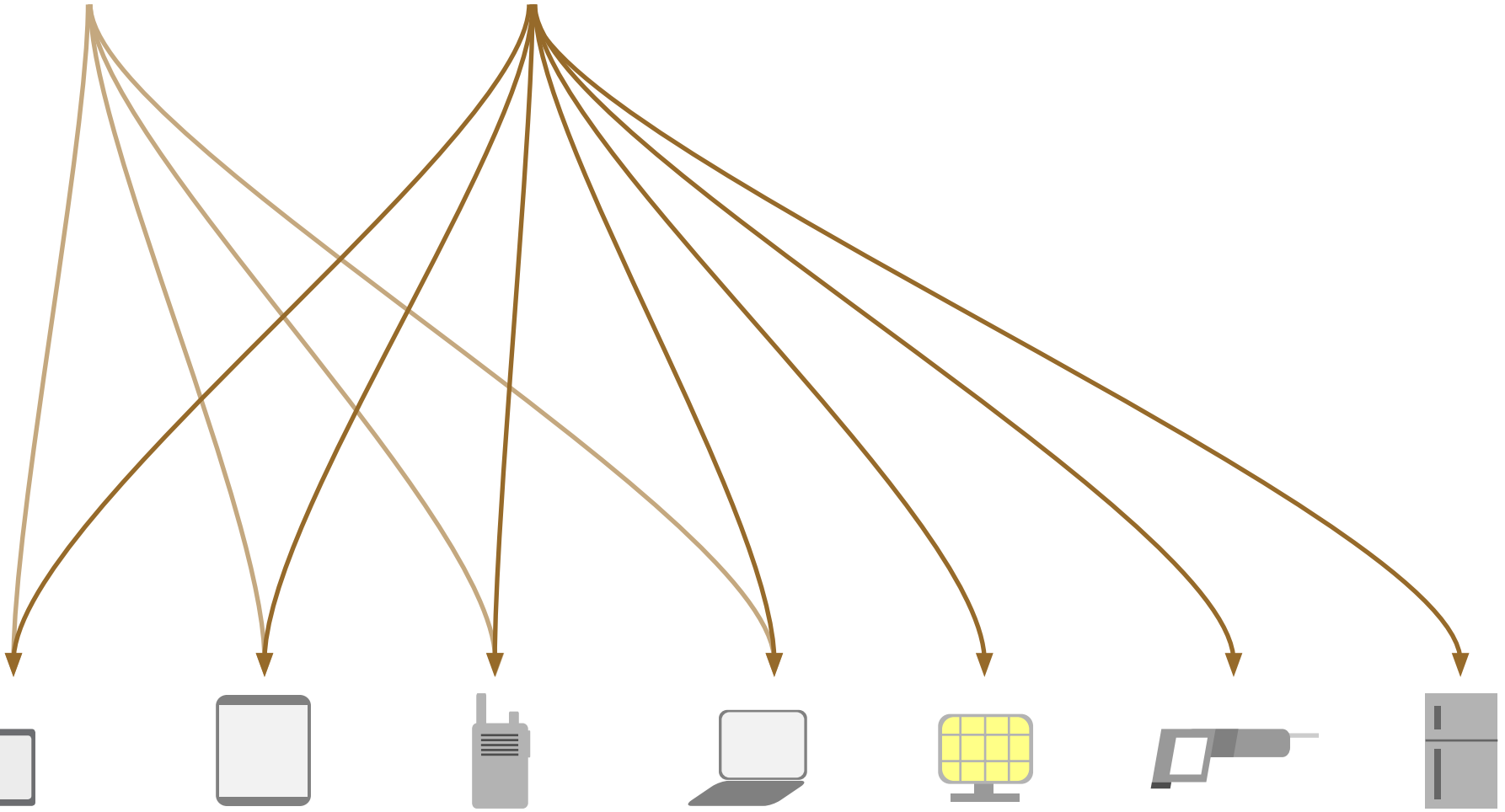
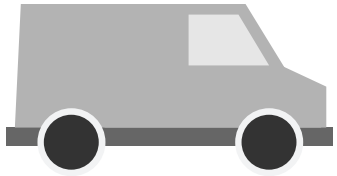
**Lighting**



**Power-tools**



**Refrigeration**



Cellphones

Tablets

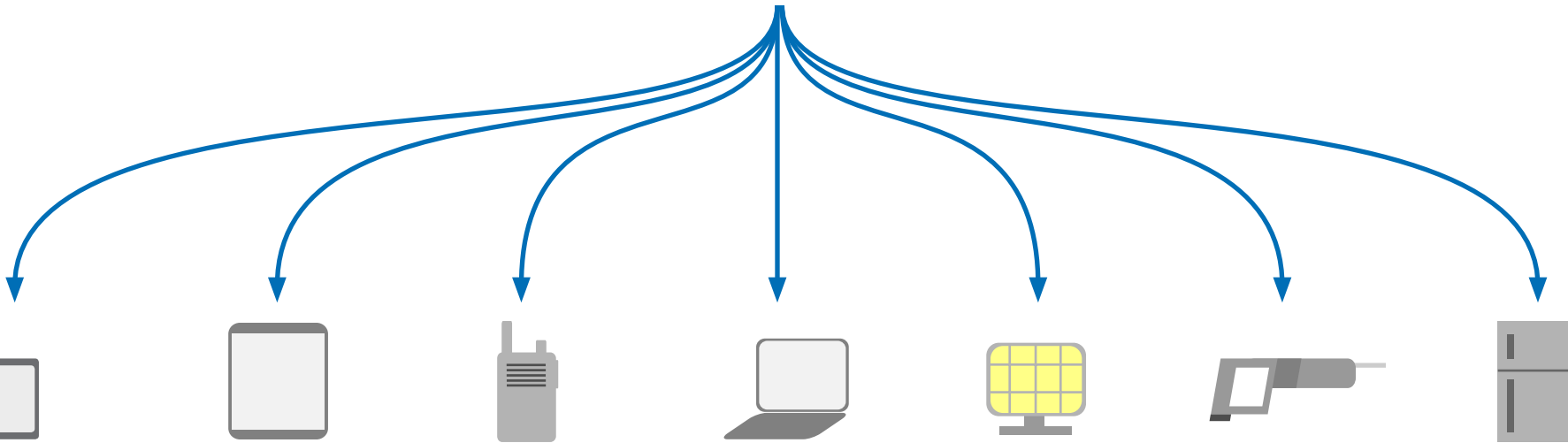
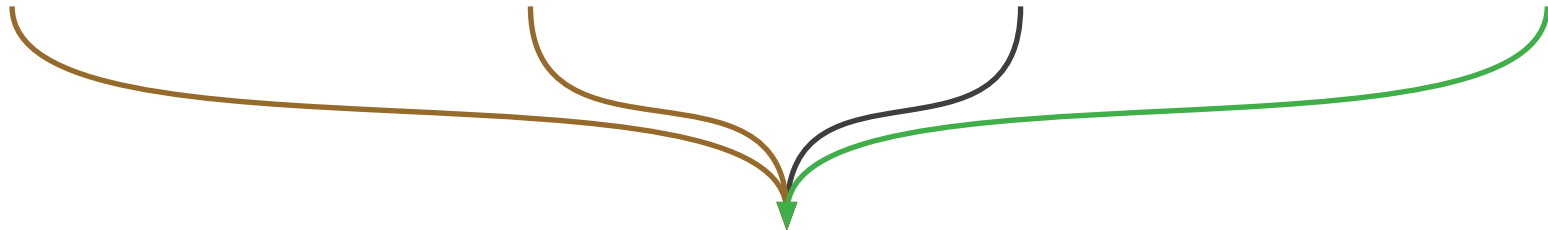
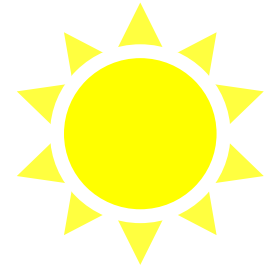
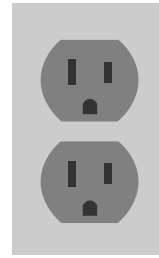
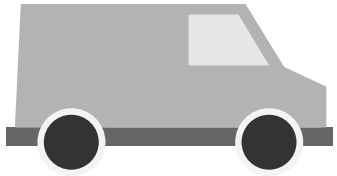
Radios

Laptops

Lighting

Power tools

Refrigeration



Cellphones

Tablets

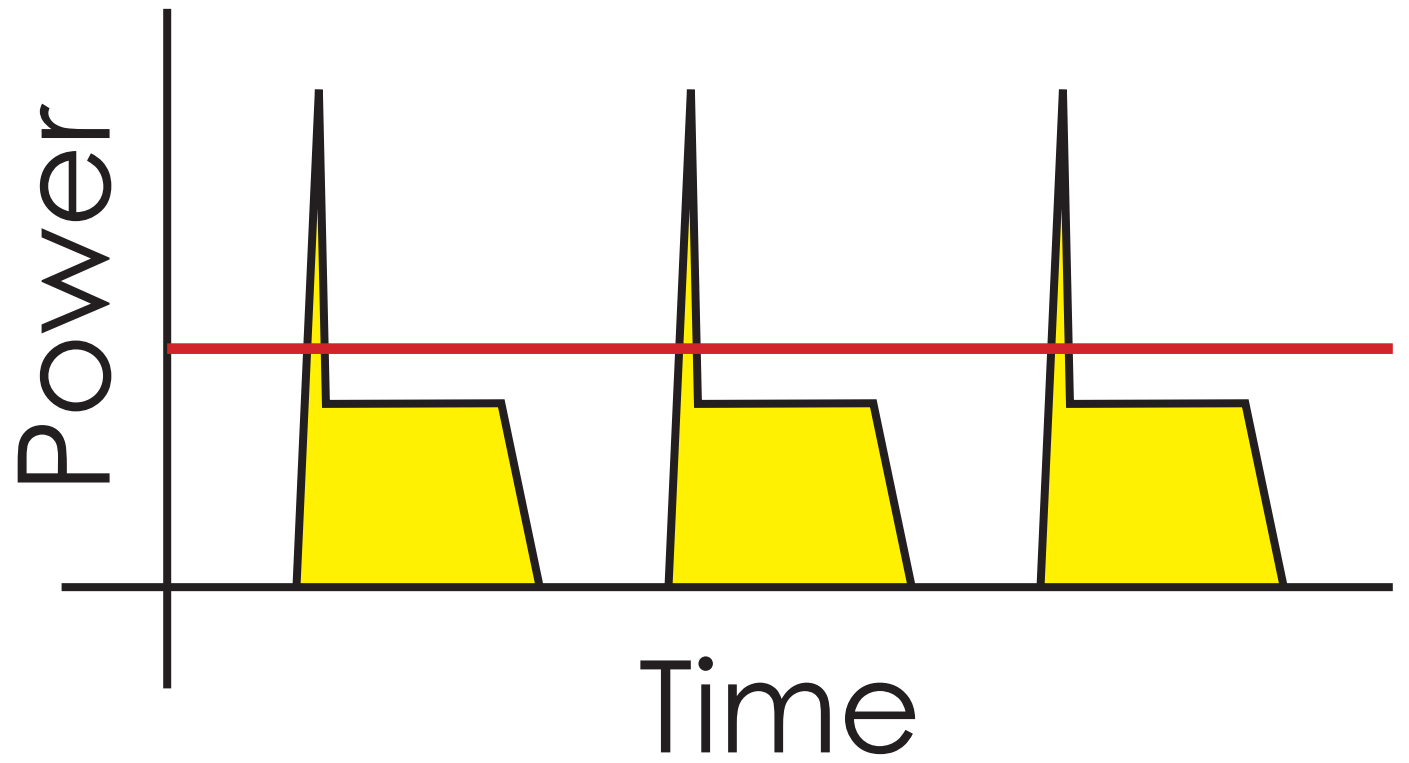
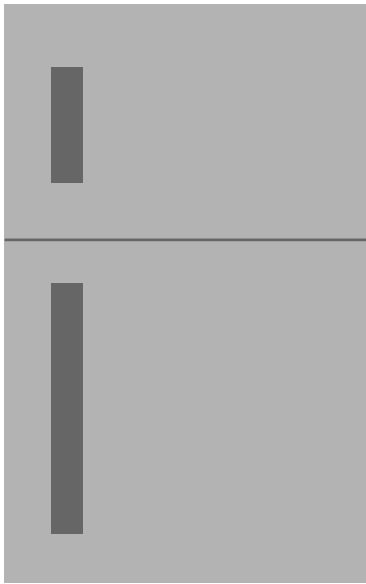
Radios

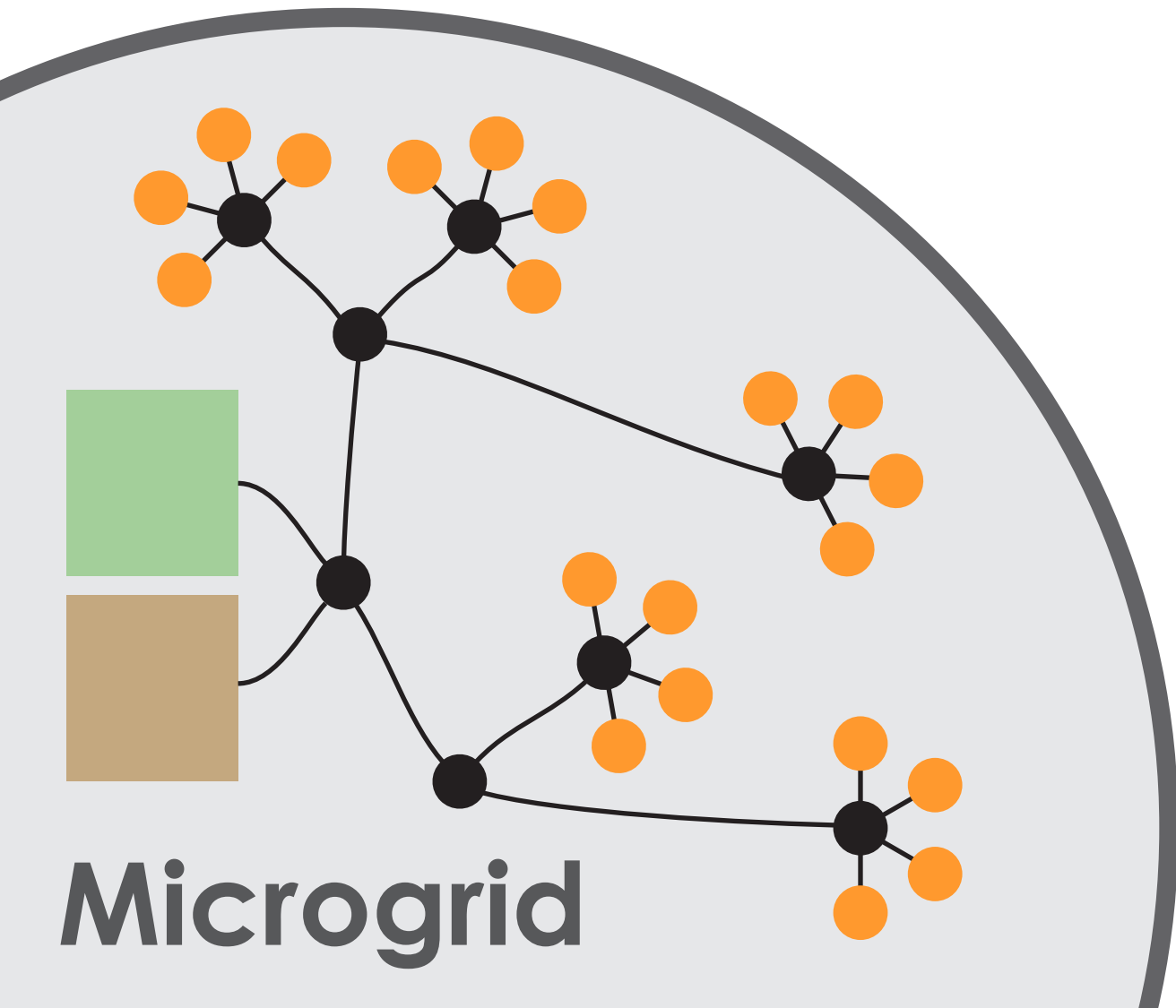
Laptops

Lighting

Power-tools

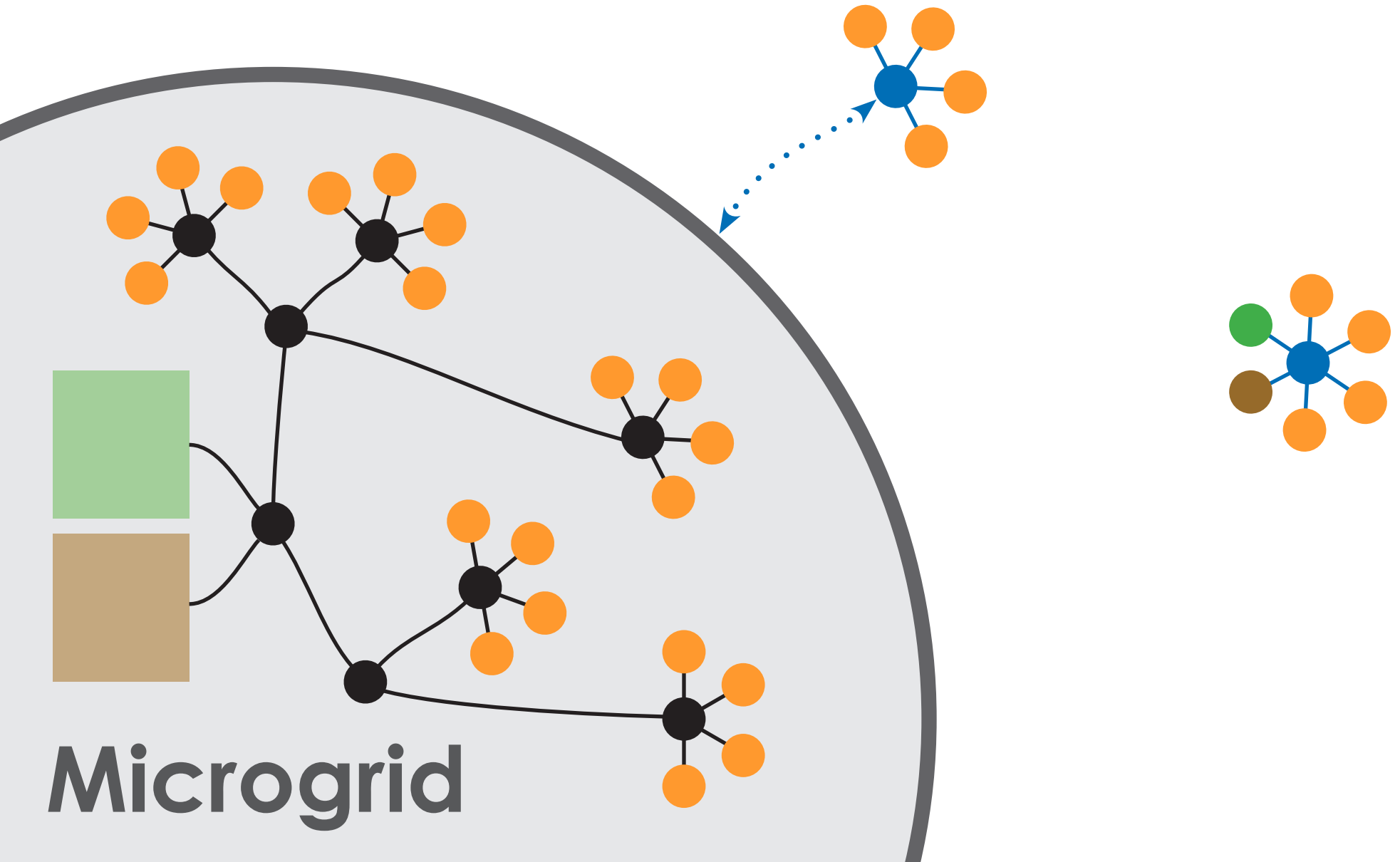
Refrigeration





**Microgrid**

# 1. Outside the Microgrid







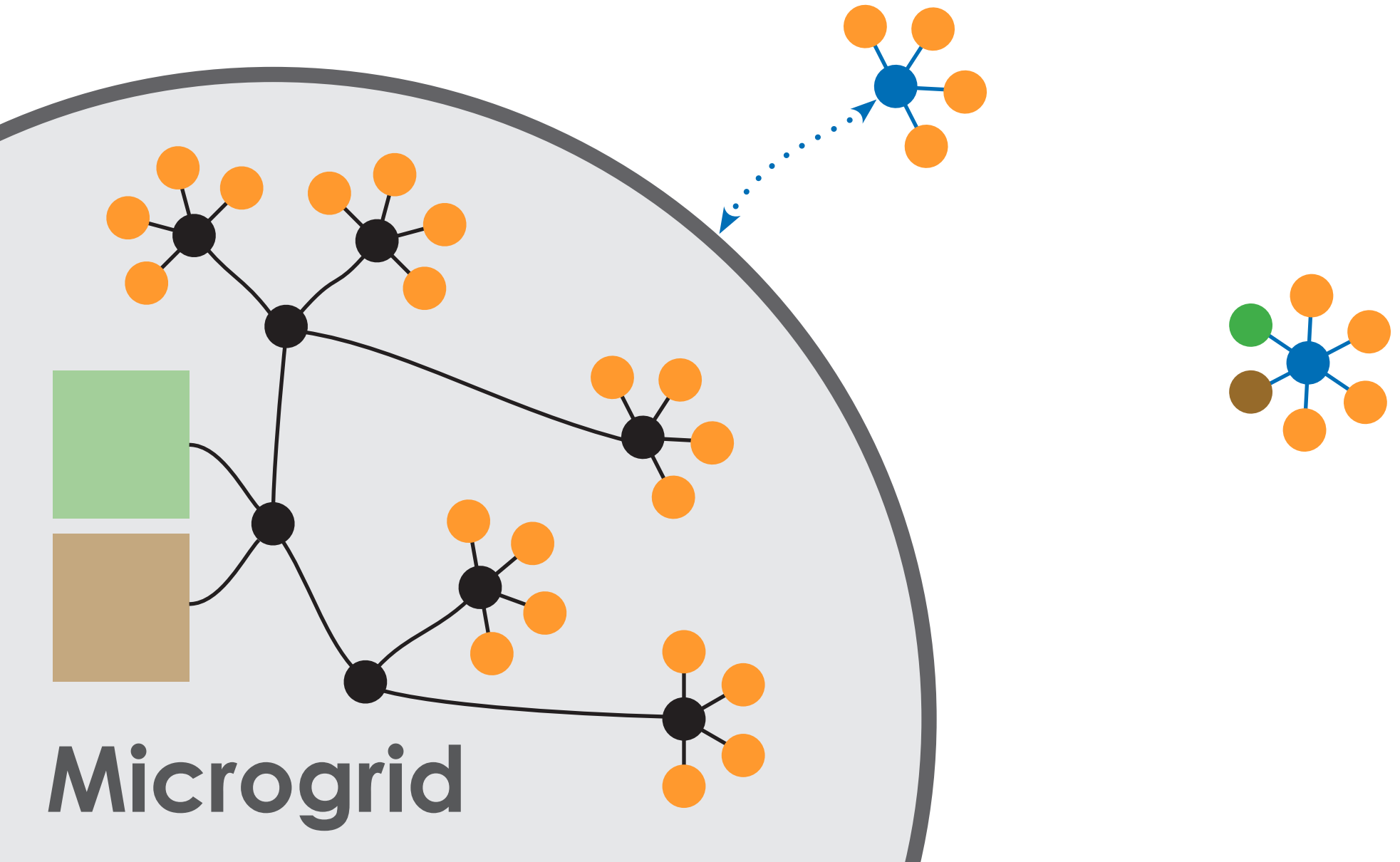


EvoSafe 4  
Safety Box

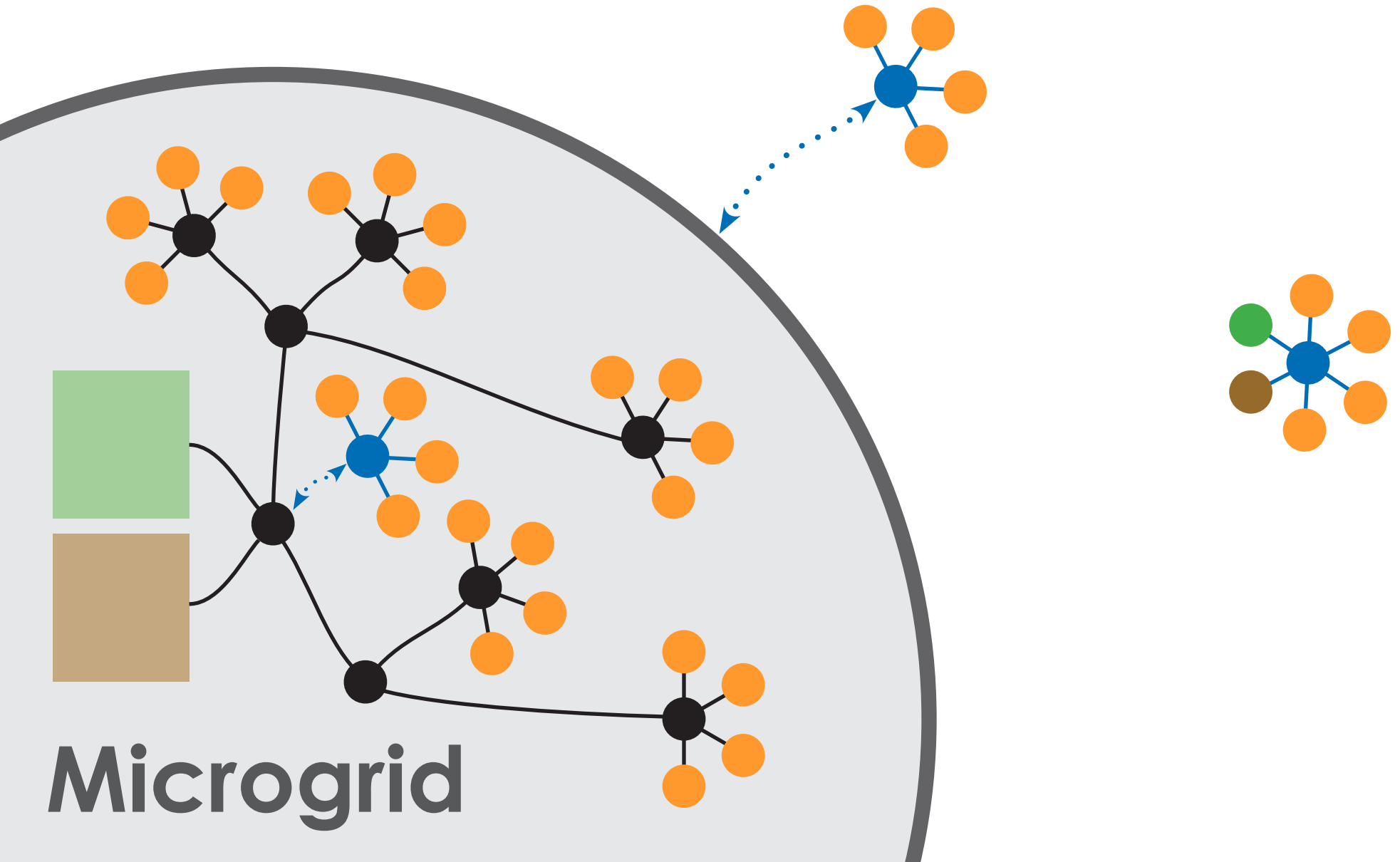


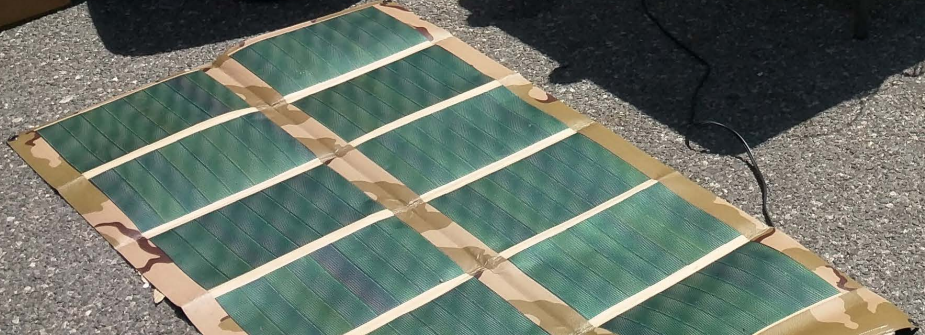


# 1. Outside the Microgrid



## 2. Inside the Microgrid







WHISPERWATT

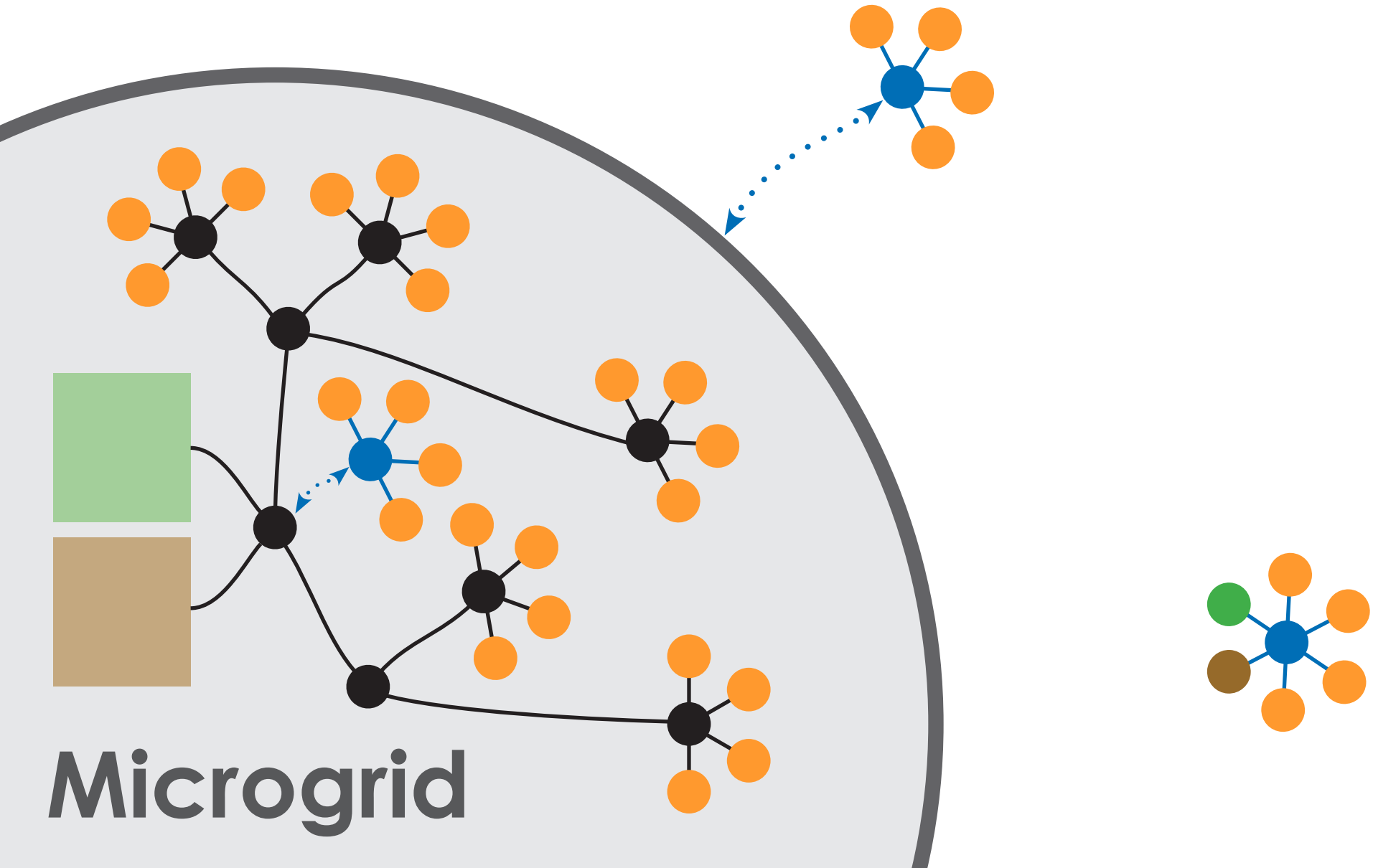
CR50129

MQ POWER



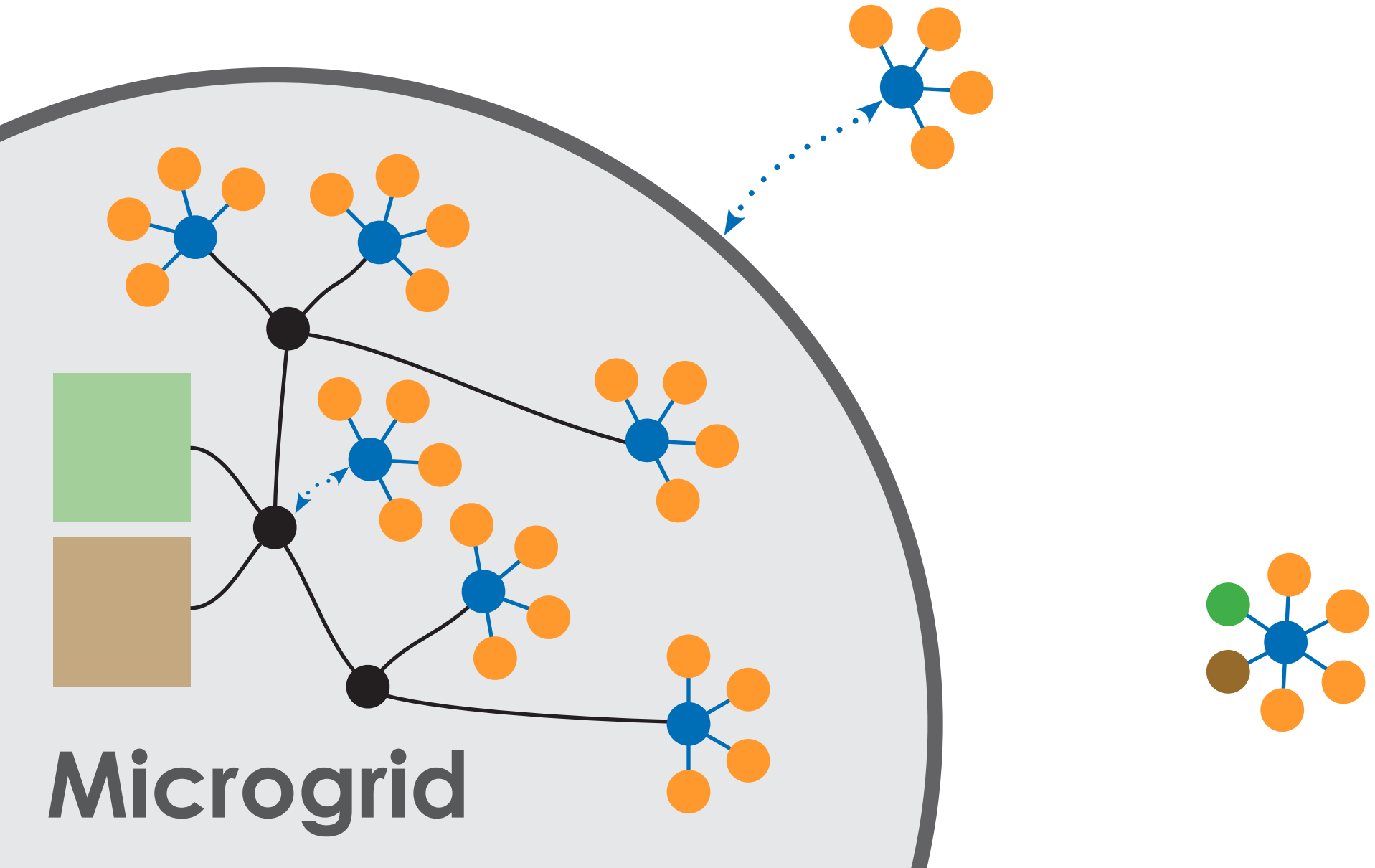
WARNING: NEVER  
110V 50 HERTZ

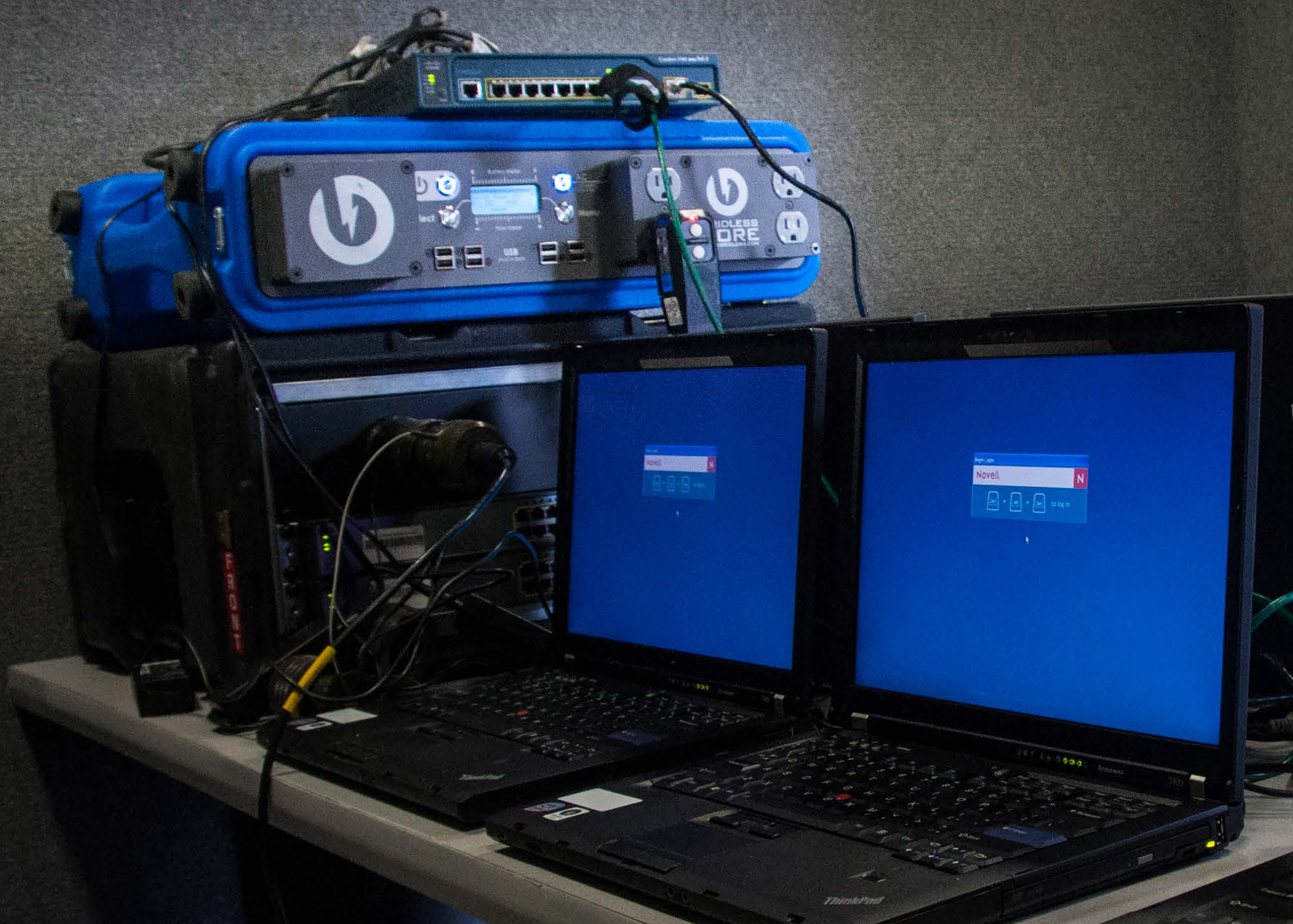
## 2. Inside the Microgrid



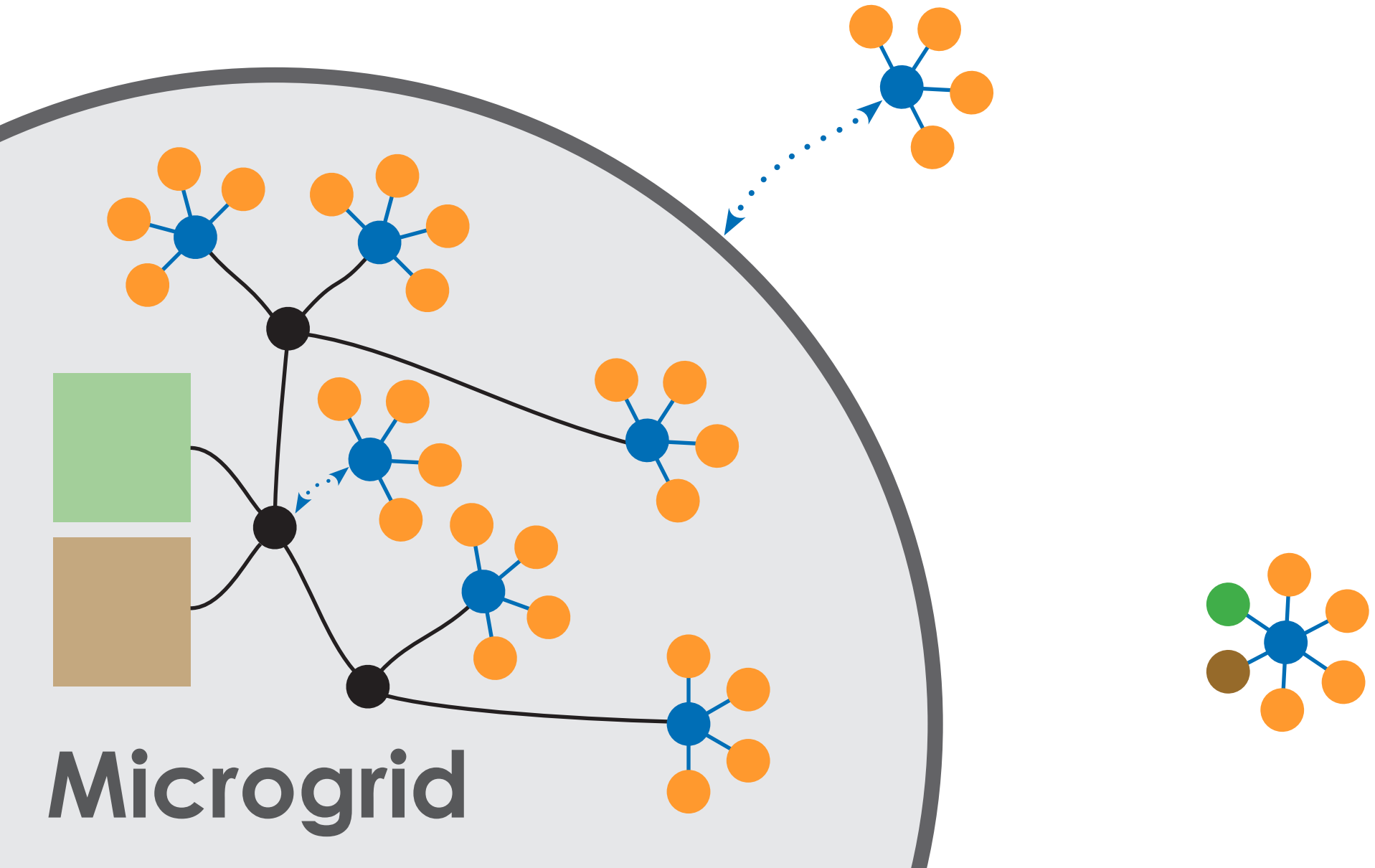


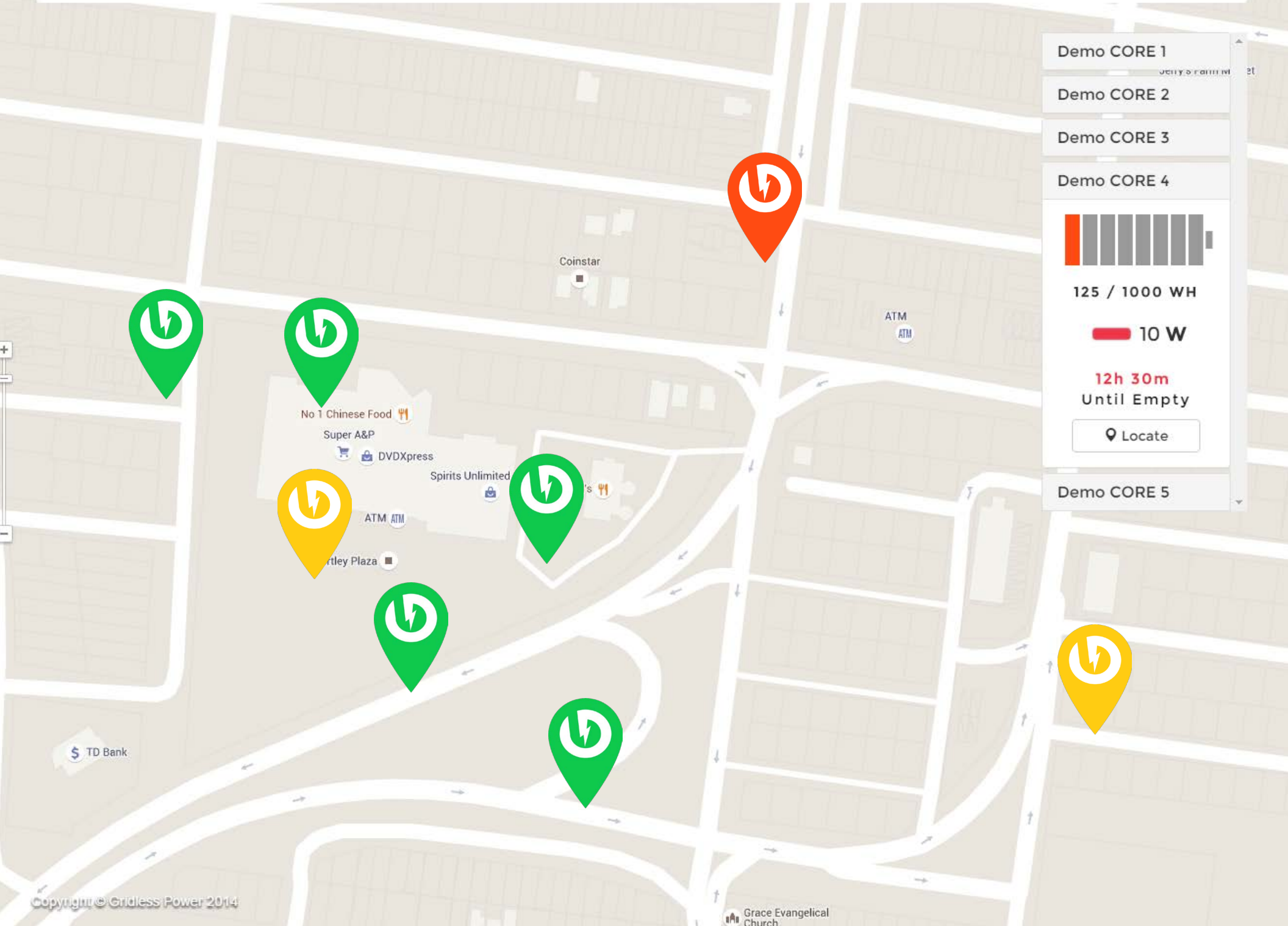
# 3. With the Microgrid





# 3. With the Microgrid





Demo CORE 1

Demo CORE 2

Demo CORE 3

Demo CORE 4



125 / 1000 WH

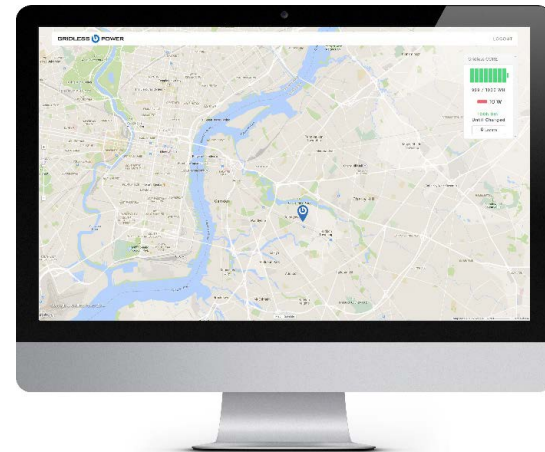
 10 W

12h 30m  
Until Empty

Demo CORE 5

# The Gridless Solution

Hardware + Software





# GRIDLESS POWER

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