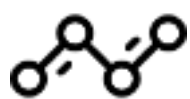# *Platform*

- PREDICT UTILIZATION FROM EV'S
- DETERMINE AVAILABLE STORAGE CAPACITY
- INFORM UTILITY
- **DETERMINE SUPPLY FROM UTILITY**
- ENERGY MARKET PLACE (DEFINE COST OF ENERGY)
- DISTRIBUTE ENERGY (STABILIZE GRID)

POWER SUPPLY CHARTING

MW 1,000x

20
15
10
5
0

1am 2 3 4 5 6 7 8 9 10 11 12am 1 2 3 4 5

$ Per kWh   *Off-Peak*: 20.2 cents   *Partial-Peak*: 23 cents   *Peak*: 31.1 cents

IDEO CO LAB

Platform

PREDICT UTILIZATION FROM EV'S

DETERMINE AVAILABLE STORAGE CAPACITY

INFORM UTILITY
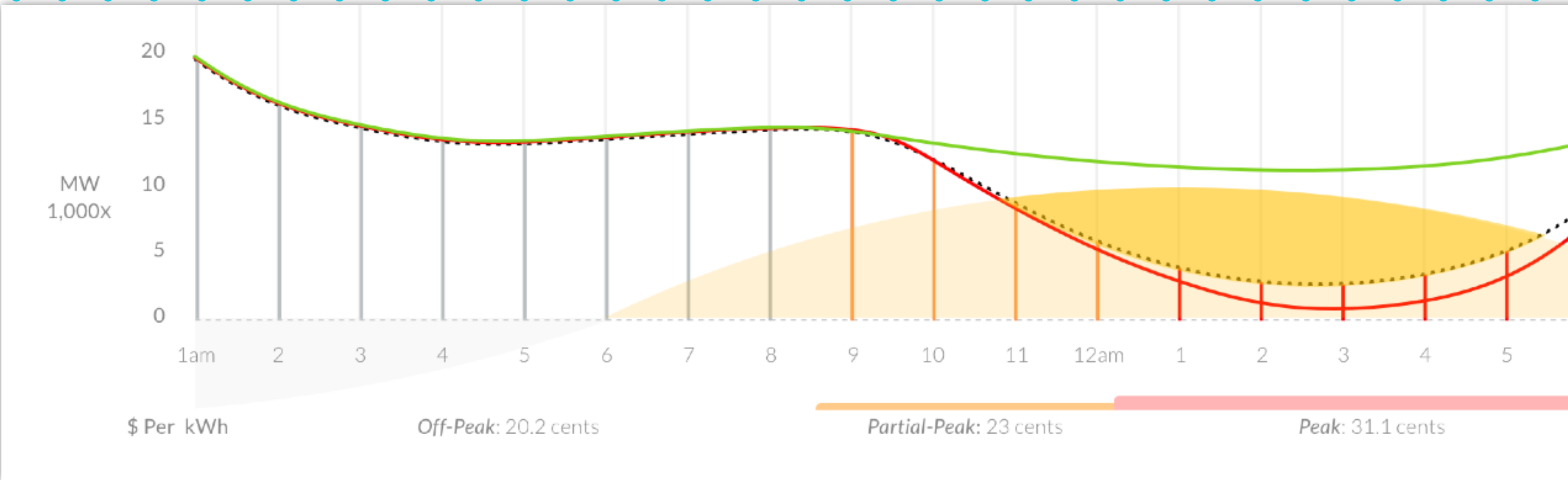
DETERMINE SUPPLY FROM UTILITY

ENERGY MARKET PLACE (DEFINE COST OF ENERGY)

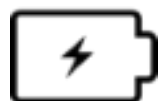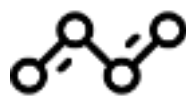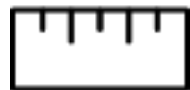**DISTRIBUTE ENERGY (STABILIZE GRID)**

CONFIDENTIAL

PREDICTIVE ARBITRAGE CALCULATOR

Transactive Energy Agent   🚗 Fleet Population   0 / 2,743   EV's   Arbitrage Opportunity $150   USD   FNam

CAPACITY CALCULATOR

DUCK CURVE: SAN FRANCISCO, CA, USA

☑ Solar Surplus   ☐ Ideal Demand   ☐ Future Demand   ☑ Battery Impact

Refresh Updated: 5min ago

MW 1,000x

25 / 20 / 15 / 10 / 5 / 0

1am 2 3 4 5 6 7 8 9 10 11 12am 1 2 3 4 5 6 7 8 9 10 11 12

$ Per kWh   *Off-Peak: 20.2 cents*   *Partial-Peak: 23 cents*   *Peak: 31.1 cents*   *Partial-Peak: 23 cents*   *Off-Peak: 20 cents*

DECENTRALIZED BATTERY   FLEET(S): 0

☰ VIEW SUMMARY

SUMMARY

Today's Energy Supply
18,000 MW

Solar Surplus Lost
1,200 MW

Solar Surplus Stored
500 MW

CO2 Eliminated
568,250 Metric tons CO2
1,136.5 lbs CO2 per megawatt-hour generated

Chariot SF   🔒 200 EVs

Duty Cycle

Available Capacity (kWh)
⚡ 3,687 / 14,750   20 %

Savings (USD)
$1,424 $89 $3
YTD   MO   DAY

Residential Impact
🏠 245   15kWh (Small homes)

Supply Redu
.01 % Pow

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