



OpenADR

Use-Cases & Feedback



Overview



Platform

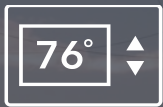


Case Studies

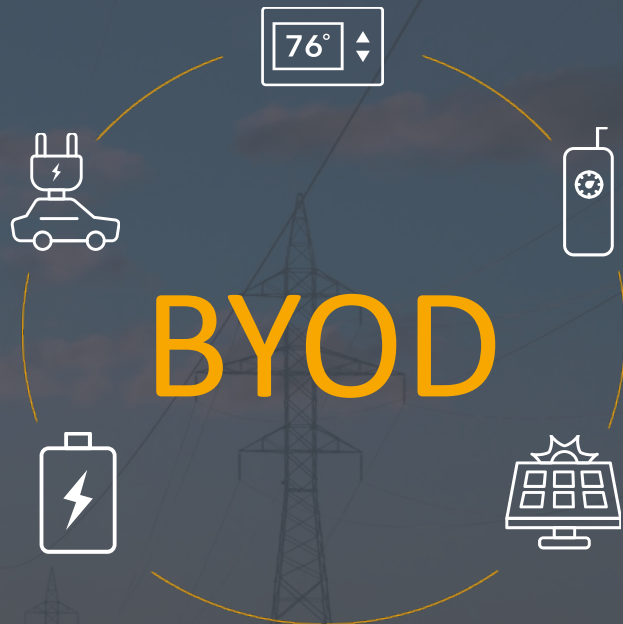


Integration
Functionality

BYOT



BYOD



Grid Edge

Mercury DERMS Platform



Marketing & enrollment



Resource formation



Situational Awareness



Optimized control

Thermostats

nest.



Honeywell



LUX™



BUILDING36|

vivint.



Water heaters



Solar inverters

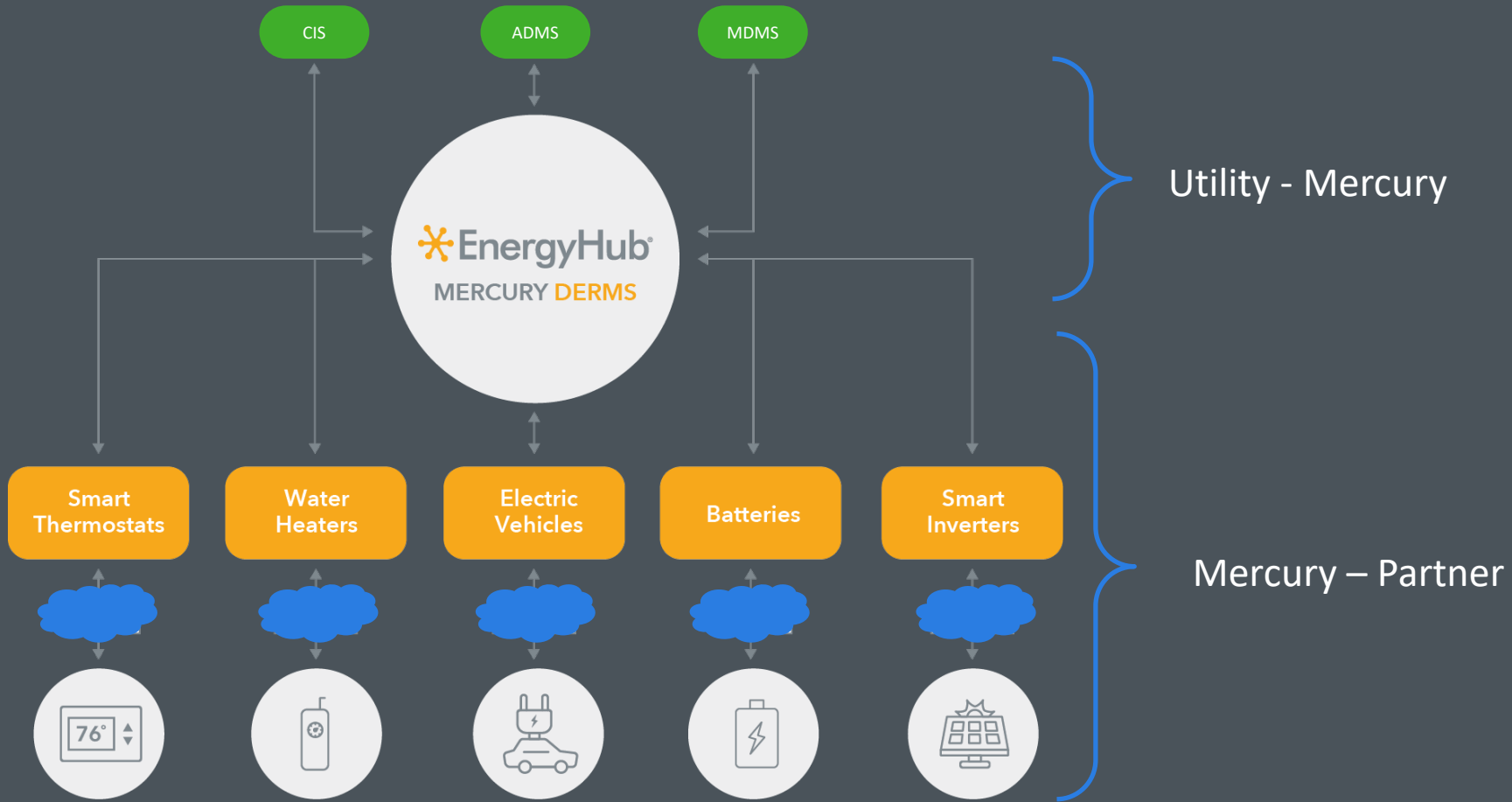


Commercial & Industrial



Electric vehicles







GREAT RIVER ENERGY

CONNEXUS ENERGY

MVEC
Midwest Valley Electric Cooperative



NYSEG



RG&E



Orange & Rockland



conEdison



MGOE
Madison Gas and Electric

DTE

EVERSOURCE

nationalgrid



PSEG LONG ISLAND



ODEC
Old Dominion Electric Cooperative



Northern Neck Electric Cooperative
Your Sustainable Energy Cooperative



Rappahannock Electric Cooperative
A Sustainable Energy Cooperative



Lincoln Electric System



Gibson Electric Membership Corporation
Your Sustainable Energy Cooperative



SAWNEE
An Electric Membership Corporation
"We're More Than Electricity. We're Service."



El Paso Electric



An EDISON INTERNATIONAL Company



A Sempra Energy utility



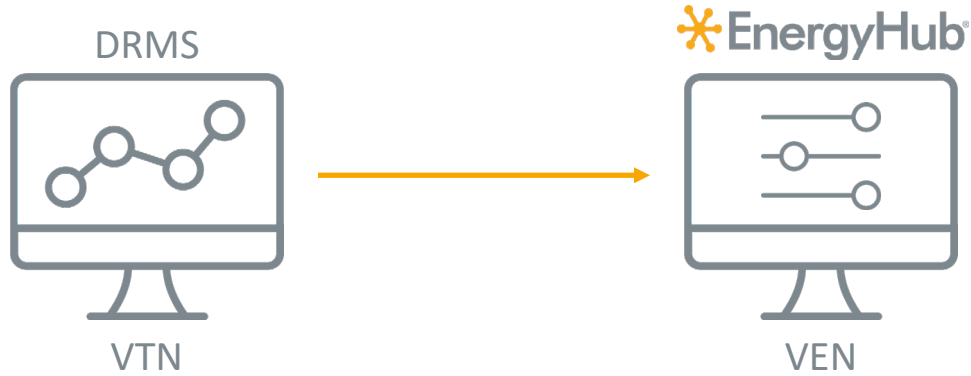


CASE STUDIES



SOUTHERN CALIFORNIA
EDISON[®]

An EDISON INTERNATIONAL[®] Company



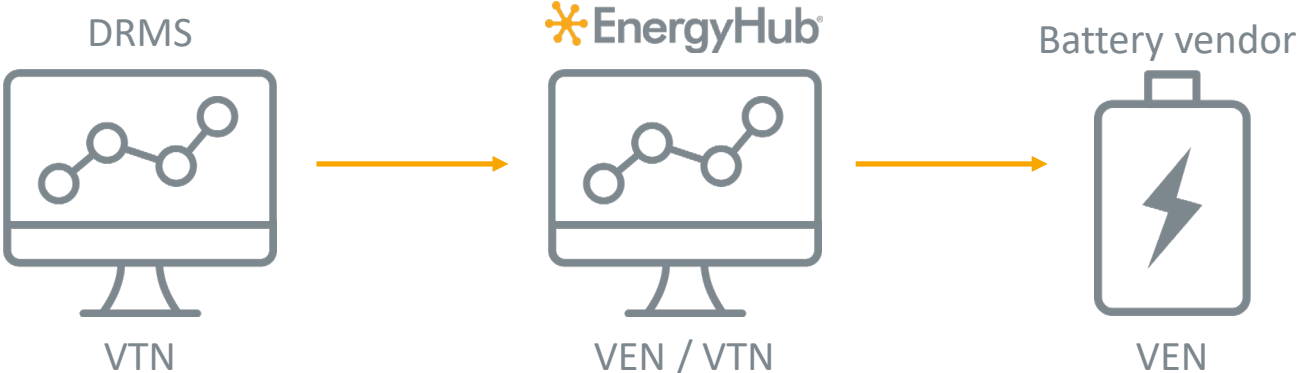
BYOT



Turn-key
Demand Response



24/7 resource



Multi-DER
BYOD

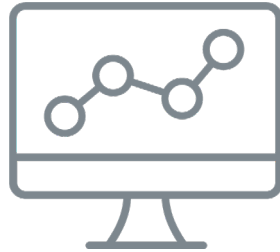


Turn-key
Demand Response



Capacity
incentive

 EnergyHub[®]



VTN



Battery vendor



VEN



Multi-DER
deployment



System and feeder-level
load relief



Feeder-level voltage
support



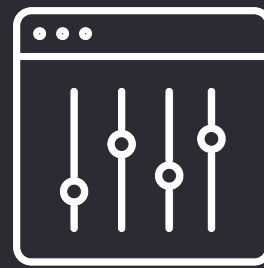
INTEGRATION FUNCTIONALITY



Enrollment

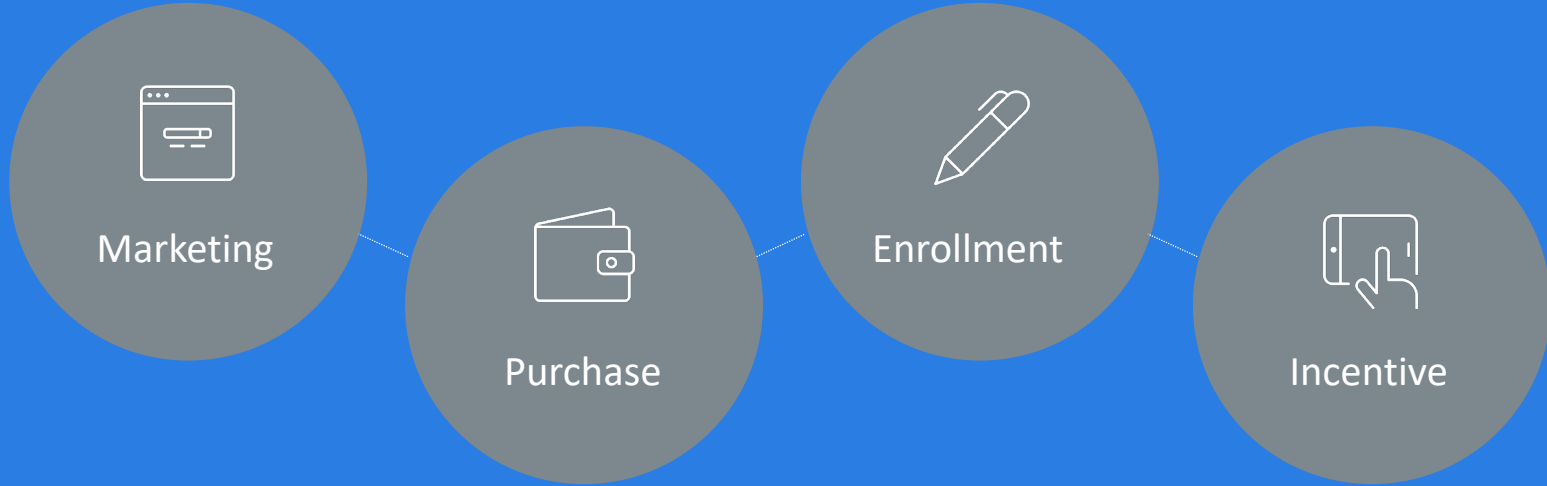


Data

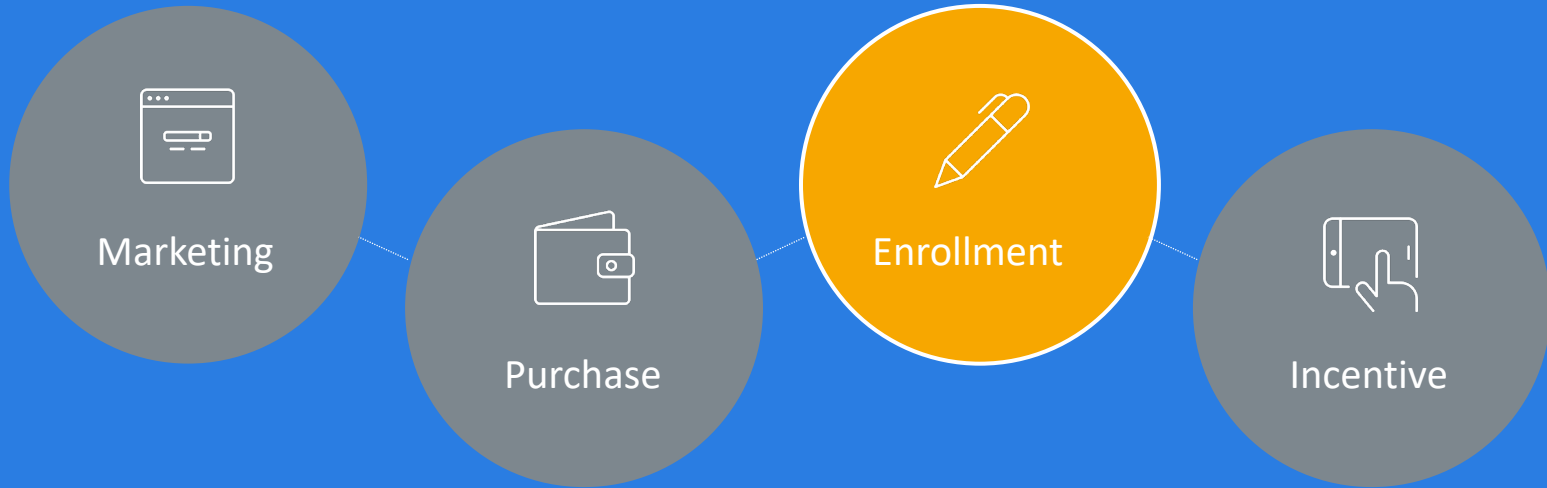


Control

Customer Journey



Customer Journey

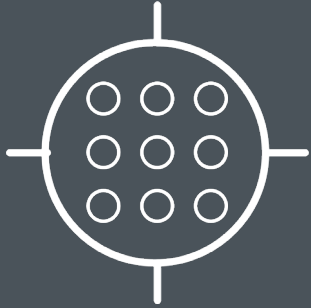


Enrollment

- Support bi-directional customer application process
- Validation of asset type, capabilities, connectivity
- End customer notifications/interaction



Data



Identification



Monitoring



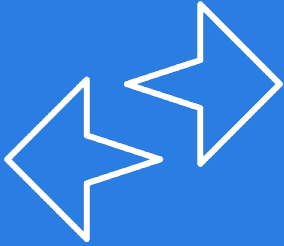
Forecasting

Data

- Asset-class specific data fields
- Device-specific data fields
- Data field-specific resolution and statistic type



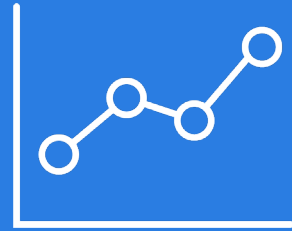
Control



Load shift



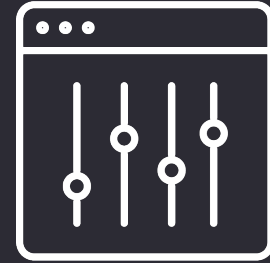
Voltage support



Capacity

Control

- Asset class unique control levers
- Individual device-level control
- Confirmation and control period participation data



Q&A

Varun Mehra
Senior Product Manager
mehra@energyhub.net