



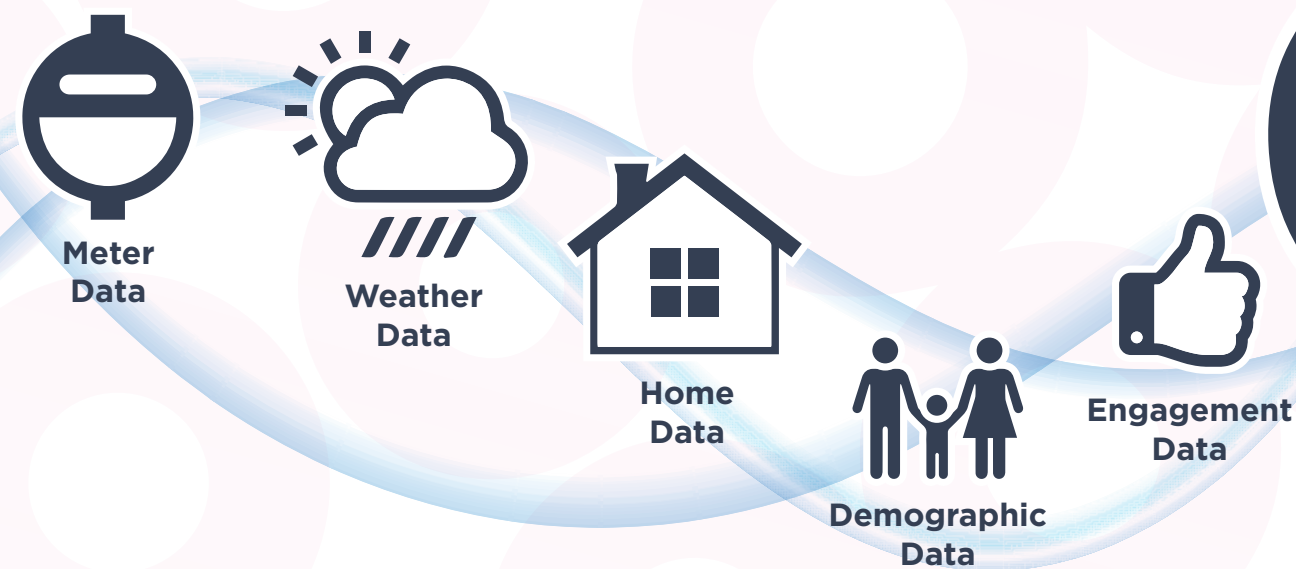
INSIGHTS ENGINE

Powered by disaggregation, the Insights Engine extends the benefits of Bidgely's UtilityAI platform to transform utility decision-making.



Solving real challenges with real data

Only Bidgely's algorithms fully-leverage your AMI investment, extracting dynamic insights, and making your customer data a truly valuable asset for decision-making across a variety of utility functions.



Insights enabled

- + Appliance detection
- + Appliance consumption
- + Appliance efficiency
- + Appliance size
- + Appliance degradation
- + EV detection
- + Size/Type of EV charger
- + Solar detection
- + Solar output
- + Fuel type detection
- + Occupancy estimation
- + Lifestyle clustering
- + Time-of-day consumption and much more...

Putting the Insights Engine to work

Here are a few example benefits of the Bidgely Insights Engine.

DSM planning and program optimization

Perform scenario analysis across all DSM programs to achieve highest adoption and lowest cost, such as how much to invest in a pool pump rebate program vs. an A/C tune-up program, or identifying homes with large and inefficient appliances that would offer the most savings per rebate spend.

Load profiling with rate/grid planning

Identify load profiles at the home, substation, or regional levels without the need for expensive hardware. Use this load profile data to propose optimal dynamic rates, including solar rates, and plan your grid far better knowing which and how much load can be shifted.

EV charging analysis

Find homes that have Electric Vehicles and determine if they have L1, L2, or L3 chargers, and how often they charge during peak and off-peak periods. Use this data to inform EV planning, create relevant offers, and encourage customers to sign up for EV-specific Time-of-Use rates.



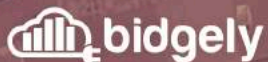
Pool Pump: 2.3kW, Single speed
Central A/C: 5.5kW, Inefficient
Lighting: Inefficient

Refrigeration: 300W, Inefficient
Baseload: 150W, Efficient
Efficient Building Envelope

EV Charger: 6.6kW, Charges from 6-9pm
Electric Water Heating: 4.5kW
Central A/C: 7.5kW, High efficiency

Solar Panels: View production
Inefficient Building Envelope
Gas Heating: High efficiency

Pool Pump: 1.4kW, Variable speed
Electric Heating: 10.5kW, Inefficient
Baseload: 450W, Inefficient



Learn more at go.bidgely.com/insights-engine