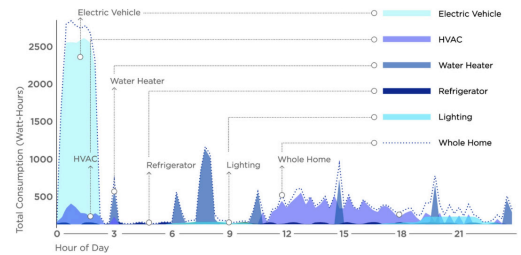# EMPOWERING SMART ENERGY DECISIONS

FOR UTILITIES & THEIR CUSTOMERS BY HARNESSING THE POWER OF DATA & AI-BASED ANALYTICS, TO ACCELERATE THE CLEAN ENERGY FUTURE

For more than a decade, Bidgely has been developing patented, AI-based data science algorithms that turn meter data into insights about each customer's energy use, across appliances for every hour of the year. This "behind-the-meter" intelligence enables utilities to personalize engagement for today's energy customers and manage their grids with bottom-up precision.
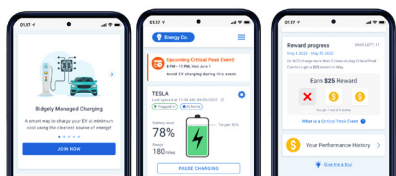

Non-Technical Loss Reduction

Uncover revenue leakage at the individual home/business level through **AI-enabled loss detection**.

Direct Theft: Identify permanent and intermittent bypass of the meter.

Meter Tampering: Focus field investigations for meter anomalies, faulty meters based on multi-factor meter variables and consumption.

Tariff Misuse: Distinguish between residential and commercial use for premises on a residential tarrif.

Short-Term Load Forecasting

Use AI techniques to **forecast** daily, weekly and monthly demand at the grid level **with high accuracy**.

Drive down the MAPE by 10-15% compared to traditional methodologies.

Lower the bill for both excess and underestimated power purchases.

Customer Engagement

Deliver insights and cost breakdowns **at the appliance level** and send personalized recommendations across all channels.

Boost CSAT and reduce costs to serve with timely and relevant interactions and self-service tools.

Recruit, incentivize and coach customers for TOU rates.

Grid-Level Load Management

Identify granular loads at grid level.

TOU/TOD-based inisights for loads.

Target best-fit customers into behavioral DSM programs.

Find the EVs on your grid with high precision (95%+ accuracy).

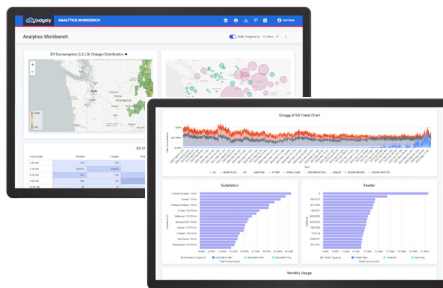Educate, coach and incentivize customers to **shift EV charging to non-peak times**.

DER Grid Planning

Understand DER ownership and utilization across your grid.

Visualize demand across all 8,760 hours of the year to spot trends, identify stress points, and guide planning strategies.

Analyze asset capacity.

Evaluate Non-Wires Alternatives potential by overlaying reduction potential from EVs, solar, and more.

Energy Efficiency

Empower customers to make smart energy decisions with appliance-level insights across all hours of the day.

Design more inclusive programs by treating all types of customers: electric, gas, SMBs, LMI, EV, solar, etc.

Easily **expand EE into demand response** to activate customer load-shift during peak events.

Make EE DER-inclusive, with EV- and solar-ready similar home comparison.

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