

Non-Wires Alternative (NWA) Assessment and Optimization

Non-Wires Alternatives (NWA) are becoming essential for utilities, largely driven by regulatory mandates and the shift towards advanced planning. EPE and Bidgely provide a comprehensive NWA assessment and optimization solution to help utilities maximize cost-effective grid strategies.

Key Benefits



Cost-Effective Solutions

Defer or eliminate traditional grid investments with modern alternatives.



Behind-the-Meter Intelligence

Identify shiftable loads and target ideal customers.



Enhanced Grid Planning

Mitigate capacity and voltage violations beyond conventional methods.

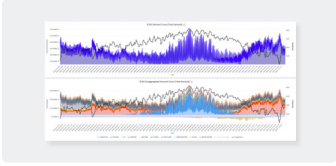


Industry-Leading Expertise

Designed and implemented by top power systems consultants and software solutions experts.

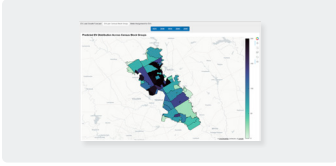
EPE and Bidgely empower utilities to integrate NWA seamlessly into their planning strategies.

Unlocking Smarter Grid Solutions



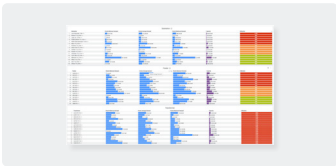
Data-Driven Insights

Combines bottom-up meter data intelligence (down to the appliance level) with granular AMI data and power flow analysis (576, 1152, 8760 intervals and beyond) for accurate, evidence-based decision-making.



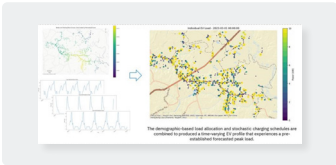
NWA Solution Exploration

Evaluates behind-the-meter programs such as Demand Side Management (DSM), locational DER valuations, and EV managed charging.



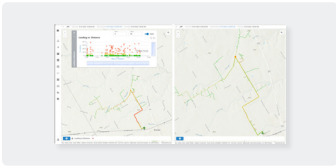
Cost-Effective Grid Strategies

Identifies efficient, affordable NWA solutions, including demand response programs, voltage optimization and dynamic rates.



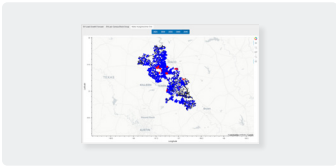
Managed Charging

Models and identifies EV loads, uses Time Series Power Flow, and optimizes hours at which managing EV charging can support grid needs and avoid costly and timely grid upgrade needs.



Streamlined Interconnection

Strengthens utility-customer integration with optimized grid strategies powered by accurate, high-speed Time Series Power Flow analysis (576, 1152, 8760 intervals and beyond).



Integrated Planning & Compliance

Supports regulatory requirements while ensuring prudence, cost-effectiveness, and reliability in a single software solution.

Engage Bidgely + EPE

Let Bidgely and EPE support your successful strategies as you modernize your grid, integrate large loads, implement AMI 2.0, interconnect DER and explore integrated grid planning solutions.



bidgely.com

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.



epeconsulting.com

Electric Power Engineers partners with power and energy clients across the globe to address complex engineering and grid modeling challenges, bridge gaps, and design and develop the grid of the future. Offering comprehensive services and proprietary solutions, our client-centric consultants deliver unmatched expertise and results by treating each project as if it were their own.