



### Integral Analytics Snapshot:

- Market leader in grid and supply analytics for Planning, Operations, Demand-Side Management, Storage and DER Valuation, Integration and Optimization
- Products deliver **granular, actionable intelligence** to utilities and others to bridge long-range forecasting with near-term operational needs
- Patented architecture and methodology, based on least cost principles
- Scalable platform for emerging system regulations in California, New York, Massachusetts, Texas, Arizona, etc.
- 2016 Greentech Media Grid Edge Winner/2015 Fierce Innovation Award
- 40+ utility customers
- 500 million customer load shapes

**Utilities face many risks:** reliability risk, capacity shortages, price spikes, congested transmission, the evolving grid edge, among others.

Since 2006, Integral Analytics has developed and delivered the electric industry's highest-performing data-science software that allows utilities and grid-edge participants to plan, forecast, value, invest and execute change on the distribution system. Our applications form the analytics core for decision making that supports the evolution of the electric utility while preserving reliability and lowest cost to operate.

In July 2017, Integral Analytics was acquired by Willdan Group, Inc., helping to better serve its utility clients.

*"...Integral Analytics has quietly established itself in some of the leading grid-edge efforts underway in North America, with a suite of software tools that tackle both the real-time and the decades-ahead scope of distributed energy resource (DER) integration. Now the privately funded company's approach is starting to bubble up into the regulatory framework of energy innovations in states like California."*

*– Greentech Media, The Grid Edge Awards 2016*

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**Integral Analytics is a subsidiary of Willdan.**

**Willdan**, founded in 1964, is a leading nationwide provider of value-added professional technical and consulting services. We provide turn-key, comprehensive services in energy efficiency and energy engineering; municipal engineering, planning and staff augmentation; financial and economic analysis; and emergency preparedness. Principal clients are municipal and other public agencies, utilities, districts, and owners of facilities and major infrastructure. Our large percentage of repeat clients reflects our reputation for delivering high-quality projects on time and within budget.

**Competitive Advantages**

- Significant experience with government agencies and major utilities
- Technical experts with a passion to solve challenging problems
- Broad range of services in a holistic approach
- Offices strategically located in key markets
- Experience and capabilities of larger firms, combined with flexibility and responsiveness of the smaller firm

**Integral Analytics award-winning software includes:**

**LoadSEER: Dynamic blueprint of the future of your**

**electric distribution system.** The LoadSEER distribution, corporate planning and DER integration application is built on the most granular, frequently updated distribution load database and provides a multitude of efficient, automated circuit planning scenario capabilities, load shape forecasts and delivers accurate and valued insights for the continuous commissioning of the “grid edge”.

**DSMore: Leading cost effectiveness tool for EE, DSM and DR programs.**

DSMore is the only modeling tool for Energy Efficiency, Demand Side Management and Demand Response that correlates weather, loads and prices on an hourly level. The DSMore application is unique in that it values DSM/DR/EE using a risk-based approach. Winner of the 2007 AESP Innovative Product Award, it utilizes a user-friendly Excel interface to quickly evaluate different variables to determine program risks and opportunities for improvements.

**IDROP: Greatly increases the Smart Grid value proposition**

With IDROP you can proactively predict loads, control their shapes, and manage demand in the same way you handle generation resources, but you can do so from the demand side.

The unprecedented level of insight and control that you get with IDROP means load management becomes an efficiency play, as well as a cost management strategy, that helps balance supply and demand in real time, reduce costs, enhance distribution resource efficiency, and maximize customer satisfaction.

**Storage and Renewable Evaluation.** In addition, IA offers the tools, Gridstore and Windstore.