iEnergy® Demand Response

*iEnergy Demand Response provides utilities with a comprehensive software platform to effectively manage the complete demand response business process.*

By managing the end-to-end demand response business process, iEnergy Demand Response enables utilities to improve engagement, precision, and operational reliability for their demand response programs to increase participation while lowering operating costs—all through a centralized management system.

**Why iEnergy Demand Response?**

iEnergy Demand Response provides a 360-degree view of demand side resources that enables a high level of collaboration between regulators, energy markets, system operators, utilities, and participating customers.

The highly scalable, cloud-based platform enables utility program and operations teams to reliably and securely manage a full range of DR initiatives. iEnergy Demand Response enables improved program design, enrollment, and operations. This provides utilities comprehensive management, accurate visibility, and real-time business intelligence required to meet their DR goals and initiatives.

iEnergy Demand Response helps utilities manage complex programs in a cost-effective manner, to ensure customer participation and satisfaction by addressing both:

- **Event and performance management** addresses scheduling, monitoring, and forecasting; and provides baseline calculations, event measurement and compliance, settlement, and verification capabilities.

- **Resource management** including registry, event history, test and audits and customer access.
Utility executives and program managers have secure access and authorized data via a standard web browser. Program managers can easily and efficiently design, modify and manage a full range of demand response programs.

Demand response business process management
As part of the Nexant iEnergy platform for comprehensive DSM, energy efficiency and demand response business process management, iEnergy Demand Response provides improved visibility, management, control and customer engagement in a single, secure, web-based, system of record.

Program management and customer outreach: iEnergy Demand Response provides a comprehensive business process management framework for demand response programs including flexible, configurable program design tools and dashboards, automated project workflows, and budget tracking and reporting at the program and portfolio levels.

Tracking and reporting of program performance provides improved visibility, insight, and enables both internal and external communication of program performance. This suite of functionality ensures reporting accuracy, speeds the dissemination of critical information to stakeholders, and reduces the administrative time and cost of reporting and overall program management.

Distribution operations : iEnergy Demand Response includes reliable functionality and tools to predict available demand side capacity. Intuitive, contextual visualization of demand side resources enables improved operational visibility. It also supports targeted dispatch and event management based on operations drivers and requirements.

iEnergy Demand Response key benefits

- Single comprehensive system integrates and manages:
  - Management of all sectors and types of programs (economic and reliability)
  - DR resources, events, performance, and settlement
  - Automated communications and integration with other DR technologies (i.e. HEMS & BMS), and other utility systems (AMI, distribution management, and enterprise systems)

- Single system of record bridges the operations to DR EE divide—improves coordination and communication through visibility of data for all stakeholders (internal and external) through a centralized management system

- Single iEnergy platform can manage all DSM programs/data (DSM/EE, DR, and renewables)

- Optimized data and reporting enables regulatory compliance and tracks program metrics to help keep cost of power low

- Maximizes customer retention and participation

- Flexible intuitive program design and management

- Rapid deployment for a breadth of program portfolios with a diversity of needs, via a highly configurable platform

iENERGY DEMAND RESPONSE INCLUDES:

- Performance Management: Baseline calculations, event measurement and compliance, and settlement
- Resource Management: Registry, event history, test and audits, customer access
- Program Management: Design, enrollment, customer engagement, and operations
- Event Management: Scheduling, enrollment, customer engagement, and operations
- Contact Management: Automated customer communication, including email and letters
- Secure, Role-based Access: Security framework providing granular authentication and authorization
- Central Database: Single repository of all validated program data
- Rapid Deployment: Efficiently and easily launch, implement, and manage multiple and diverse programs
- Web-based Solution: Software-as-a-Service (SaaS) model accessible anywhere via internet

About Nexant Energy Software
Nexant offers a comprehensive suite of best-in-class energy enterprise software platforms that transform utility business processes and enable implementation of smart grid, clean energy, and demand management initiatives. Nexant software helps utilities embrace a customer-centric model that aligns strategic planning, grid operations, and demand side management to improve customer engagement, boost operational efficiency, reduce risk, and achieve superior business results.

nexant.com

Find out how Nexant can transform your business:
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