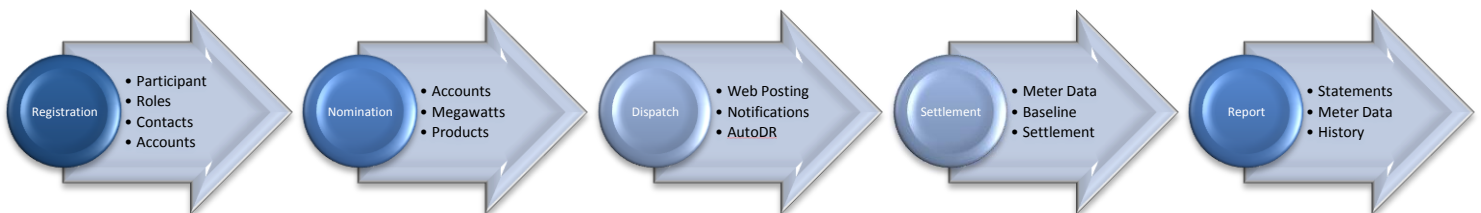
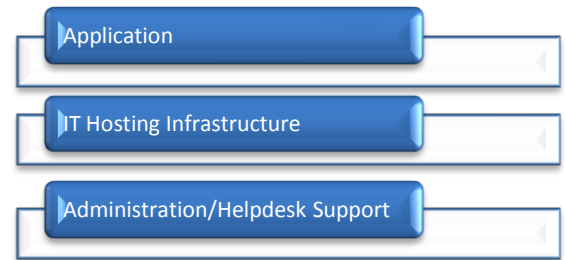


APX Demand Response Solutions

APX's MarketSuite® Demand Response saves time, money, and energy.

Whether a utility demand response program for aggregators or end-use customers, a demand response provider aggregating end-use customers, or loads participating as resources in Independent System Operator (ISO) markets, APX has the solution. For the past 10 years, APX has been providing applications, the IT hosting Infrastructure, and program administrative and helpdesk support for demand response programs. These programs have benefited consumers by improving reliability and reducing energy costs. APX presents its demand response system on our new state-of-the-art technology platform, the APX MarketSuite®. The system supports registration, nominations, operational dispatch, settlement calculations, and web reporting.



The APX MarketSuite® Demand Response System is a flexible and competitively neutral system to support participation by multiple market participants, an exclusive-use system for managing private clients and proprietary processes, or a real-time operational tool that supports participation in ISO markets. The system is secure and accessible over the Internet. Dispatch notifications are communicated in real-time via traditional methods, as well as machine-to-machine interfaces. Settlement calculations are configurable. Useful



operating data and settlement statements are provided in parameterized reports. Easily integrate with other systems for managing registration, nominations, dispatches, and data harvesting. In addition to a system that is feature-rich with intuitive user-interfaces, APX delivers this solution as a Software-as-a-Service and provides helpdesk and program administration support to make implementing and operating a program easy, saving time and money.

What are the benefits?

1. Manages dynamic process of changing participation
2. Custom calculations
3. Configurable for multiple programs
4. Rapid implementation
5. Data storage and recordkeeping
6. Program administration support
7. 24/7 helpdesk support
8. Hosting infrastructure

What data is available?

1. Participant Registration Information
2. Meter Registration Information
3. Notification Contact Information
4. Nomination History
5. Curtailment History
6. Notification History
7. Meter Data History
8. Baseline Calculations
9. Settlement Calculations

What parameters are customizable?

1. Meter Attributes
2. Program Time Periods
 - Nomination Open and Close Window
 - Dispatch Open and Close Window
 - Holidays
3. Program Limits
 - Minimum and Maximum Hours
 - Minimum and Maximum Events
4. Notification Types
 - Email
 - Phone
 - Facsimile
 - SMS Text
 - Open AutoDr
5. Calculations
 - Baseline
 - Settlement
6. Reports