

Meter and Demand Management Analysis Module

Client Value Proposition: Incent customers to adopt energy efficient behaviors and thereby smooth load and reduce costs

Strategic Value: Determine quality of meter readings (accuracy, timeliness, completeness), evaluate AMR deployment progress, evaluate impact of AMR on energy usage and smoothing, assess effectiveness of products and services on energy use, determine cost savings from reduced usage during peak hours and avoided costs for new capital investment (for vertically-integrated utilities)

Information and Analytical Capabilities Provided:

- Analyze usage patterns for customers with and without AMR to measure energy and cost differences, and to identify influencing factors for changes in behavior
- Profile/segment customers to determine likely prospects for renewable energy, TOU plans, and other energy efficiency products and services
- Evaluate marketing/sales campaign effectiveness to determine optimal offers, pricing, channels, etc. for selling renewable energy
- Use historical meter readings, outliers, and other anomalies to identify problems with meter reading accuracy
- Improve energy usage and cost reductions by providing energy consumers with TOU analysis
- Track performance of Automated Meter Reading (AMR) deployments against plan

Example Metrics: # Meter Reads Completed, # Estimated Readings, Meter Failure Rate, % Smart Meter Installs vs. Plan, % Change in/Cost of Energy Usage

Related Modules: Asset Management Analysis, Working Capital Management Analysis, Customer Care Analysis, Marketing and Sales Analysis

Meeting Energy Industry Challenges