Peak Time Rewards

Landis |Gyr+

manage energy better

Proactive Demand Response Solution to Help Manage Energy Better

Overview

The Landis+Gyr MDMS supports demand response programs such as Peak Time Rewards (PTR). Standard IEC CIM 61968-9 message based interfaces are utilized for receiving, scheduling and the cancellation of demand response curtailment events typically received from a DRMS or an event initiating system.

Landis+Gyr's MDMS provides a PTR configuration interface for defining a PTR program including the Baseline Calculation Window: previous says count, day type exclusions (holiday, weekend, prior event days) as well as the rules for selecting Baseline Days from the Baseline Calculation Window: rank candidate days by consumption (highest/lowest), Temperature Humidity Index exclusion & rules, as well some specialized VEE rules based on event days.

After the completion of the event, the baseline calculations are compared to event day consumption to generate specialized billing determinants to be used by the billing system. Finally, the Landis+Gyr MDMS provides post-event reporting to evaluate the effectiveness of the event on system load.

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Peak Time Rewards Core Functionality

- Customer enrollment
- Event initiating system integration (IEC CIM 61968-9 interfaces)
- Weather data provider integration
- Baseline calculation (configurable through the MDMS user interface)
  - Baseline days (14 previous days – excluding certain holidays)
  - Highest usage days (3 days)
  - Temperature Humidity Index
  - kWh
- Calculate reduction
- PTR billing determinants (on-cycle and off-cycle)
- Consumer portal integration
- VEE processing – PTR event estimation rules
- Report total PTR Reduction – Total reduction (MW) +/-

FEATURES & BENEFITS:
Why Landis+Gyr makes a difference.

- Setup Peak Time Rewards programs of your choice
- Control peak loads engaging and rewarding customers
- Provide customers new pricing options
- Implement with current DRMS or customer portal solutions
- Improve power quality and customer loyalty