



A retail market management system for power and gas suppliers and distribution companies.

HITACHI
Inspire the Next[™]

Energy Planning & Trading

Retail Operations

The industry's most comprehensive solution for retail energy markets.

Retail Operations offers a single platform for utility data management, customer contract management, bottom-up forecasting, load profiling, meter aggregation and retail position reporting.

KEY CAPABILITIES

Bottom-up forecasting

- Daily, hourly and sub-hourly forecasts
- Bottom-up load and revenue forecasts based on service dates, usage history, and product types for each individual account, service location or meter
- Tabular and graphical reports by commodity, market, product type, hedging strategy, balancing group
- Drill in to individual account level forecasts or metered data
- Stress test forecasts using multiple weather scenarios

Load profiling and meter aggregation

- Create dynamic load profiles from sample meters or historical load
- Validation and estimation of missing load
- Profile and aggregate load using a variety of load profile methodologies (proxy day, dynamic load profiling, and weather-based regression modelling)
- Report forecast, estimated and final metered volumes

Scheduling and energy accounting

- User-defined formulas for aggregation and allocation of generation and transmission meter data
- Validation of meter data using multiple sources

Supply management and position reporting

- Deal capture of physical power and gas supply deals
- Graphical short and long-term position reports by market location and trading period

Complex billing

- Wholesale customer, supplier, and large complex contract bill processing
- Standard generation and transmission rate types and a user-defined formula editor
- APIs for down-stream integration to corporate financial systems

System configuration and automation

- Role-based security
- Audit-trail and process log
- Configurable user interface tailored to your local business processes



Essential benefits for retail operations and retail distribution companies.

RETAIL MARKETERS

Mitigate demand uncertainty

- Manage dynamic portfolios of retail contracts including demand response and distributed energy resources (DER)
- Minimise exposure to spot market and balancing energy costs

Manage retail position

- Forecast retail portfolio by zone, supplier, product type or individual contract
- Forecast aggregate position and market demand for millions of customers
- Track near- and long-term acquisition of supply to meet load obligations at minimal costs

Validate load settlement volumes

- Profile and aggregate meter data to validate market and utility reported volumes
- Identify potential metering or profiling disputes

RETAIL DISTRIBUTION COMPANIES

Manage supplier obligations

- Track load, demand response and DER activity for millions of retail customers
- Report daily load, deliveries and capacity obligations by supplier, zone and customer class
- Manage default supplier contracts and payments

Accurately report load

- Aggregate estimated and actual load across multiple criteria and drill down to individual customer contributions
- Manage multi-phase settlements and reconciliation of load imbalances

Market and regulatory compliance

- System automation and performance for timely market reporting requirements
- Data traceability, transparency and auditability
- Future-proof solution with the agility and easy adaptability to meet evolving market rules and data changes



Hitachi Energy
marketing-update@hitachienergy.com
hitachienergy.com