



e-ISOForecast® & **e-PowerForecast®** are 24/7 online forecasting services that provide real-time hourly or sub-hourly load and price forecasts for up to 15 days out for ISOs/Power Markets in North America (e-ISOForecast®) and selected continental Europe (e-PowerForecast®). The forecasting engine consists of multiple intelligent system-based models that employ artificial neural networks, fuzzy logic and evolutionary computing technologies.

Provided Forecasts

Hourly & Sub-Hourly load and price forecasts for up to 15 days out for the following markets:

e-ISOForecast® (North America)

- PJM
- MISO
- ERCOT
- NY-ISO
- ISO-NE
- SPP
- WECC
- CAISO
- Ontario IESO
- Alberta AESO

e-PowerForecast® (Europe)

- Germany
- Spain
- France
- Switzerland
- Austria
- Netherlands
- Belgium
- Italy

Load forecasts such as System-Wide, Regional, Zonal, Balancing Authorities are offered as well as Day-Ahead and Real-Time LMP Price forecasts within each market. System-Wide wind generation forecasts are also available for most markets.

Interactive Web Portal with Analytical Tools

- Forecasts posted to an interactive web portal in graphical and tabular forms
- Various analysis tools such as:
 - Comparison with forecasts posted by markets
 - Record of forecasts for the current horizon made at previous times
 - Analysis of accuracy for various forecast horizons
 - Confidence Intervals
 - Comparison with like-day data
 - Viewing past actual data.
- Downloadable in a variety of formats



24/7 Updates with the Most Current Market Conditions & Weather Data

- Each ISO's web site is continuously monitored and the forecasts are updated with each new posting of actual load/price/wind data on the site. In most cases, these updates are either hourly or sub-hourly.
- All required actual and forecasted weather data is provided by PRT in affiliation with four major weather service providers. Weather forecasts are produced using an adaptive combination strategy that considers the accuracy record of each weather provider for different forecast horizons and weather conditions, and are updated several times per day. The forecasts are updated with each new update of weather forecasts and new actual observed weather data.

User Interaction with Forecasting Models

- An interactive mode of access is provided via an Excel® interface.
- User can modify a number of input variables (e.g., weather forecasts) to run desired scenarios.
- Several other features such as comparison to similar days, reshaping of forecasts and performance analysis are available via this mode of access.

Daily Commentary from a Meteorologist

Receive valuable daily commentary from PRT's meteorologist, who studies the load forecasts in the ERCOT, MISO, and PJM markets each morning and provides opinions on accuracy based on his own weather assumptions.

Continuous Quality Control

Performance of the models, accuracy of forecasts, and data integrity are continually monitored and models calibrated as needed by PRT's experienced specialists to ensure optimal results at all times.

Proven Track Record

With over 20 years of experience and serving more than 150 clients, PRT has a proven track record in providing exceptionally accurate forecasts that gives its clients a leading edge in a competitive market.

We offer a free trial of *e-ISOForecast®* and *e-PowerForecast®*

Contact us for more information

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