ENERGY PRICE FORECASTS

Trading energy in today's markets is tough. Arm yourself with accurate price forecasts and risk metrics for smarter decisions

OUR PRECISION - YOUR PROFITS

In all market periods, whether flat or volatile, forecast accuracy and forecast risk are the foundation for successful trading and operations. Innotap's portfolio of data and analytics products underpins the consistent success of its customers.

Day Ahead LMP Forecaster – setting new standards for energy traders

➢ Unrivalled precision – remarkable accuracy, in all market conditions
➢ Granular risk data – unique risk measure attached to each number
➢ Continuous updates – every 30 minutes, around the clock
➢ Sophisticated alerts – user-defined for any set of conditions
➢ No contract lock in – pay as you go, month-to-month
➢ Multiple delivery options – rich UI, real time via Excel or API

The power you need to compete!
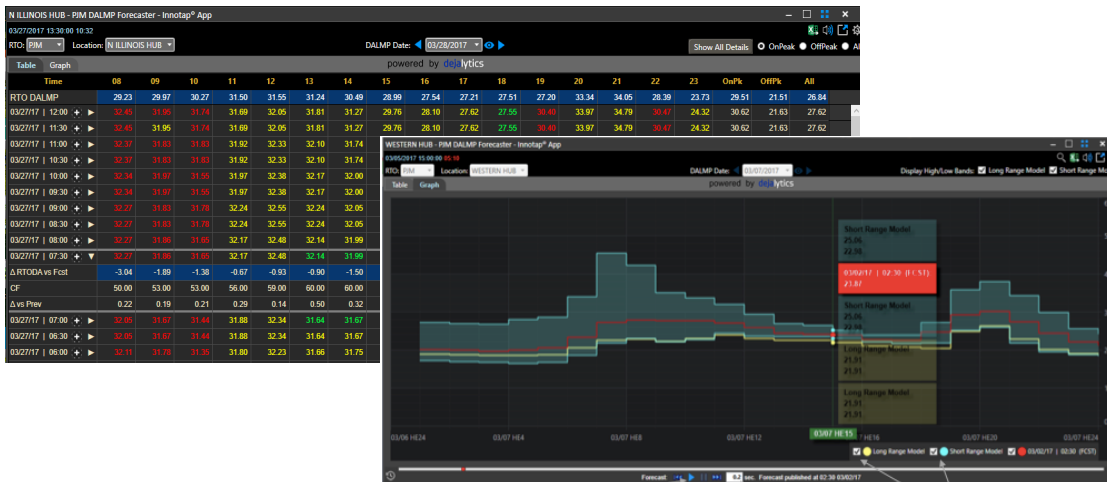
ENERGY PRICE FORECASTS

Features

Forecast screens

- Forecasts updated every 30 minutes
- Detailed forecasts up to 5 days ahead
- Navigate forward 5 days for forecasts, backwards 7 days to compare results
- Export 12 days of forecasts and results to Excel
- Instantly switch between multiple RTO's and hubs/zones
- Colors based on Confidence Factor

Price bands screen

- High-low price range for each hour, based on prior 14 days (short range) or prior 28 days (long range) errors
- Calibrated so that there is 80% probability of price falling within the bands
- Playback (and 'play forward') to watch how forecast changes every 30 minutes
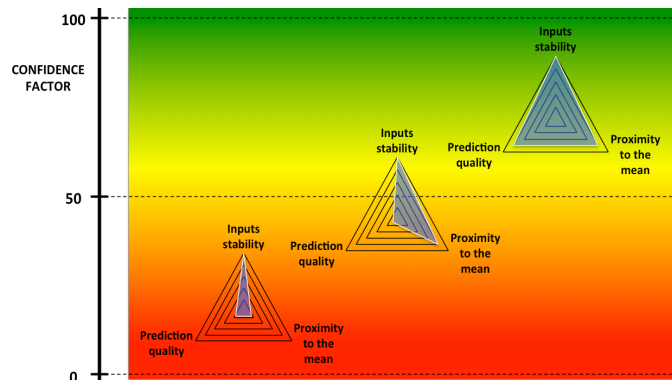- Adjustable playback speed

Alerts

- Set audio, text, email alert options
- Configure alerts for forecast arrivals, changes in value, values out of range, comparisons between LMP locations and more
- Turn Confidence Factor colors on/off & control color change thresholds
- View and manage all active/inactive alerts

Confidence Factor

- Intelligence about price volatility for each next day hour
- Measures likelihood (0-100%) that each forecast price will be close to actual
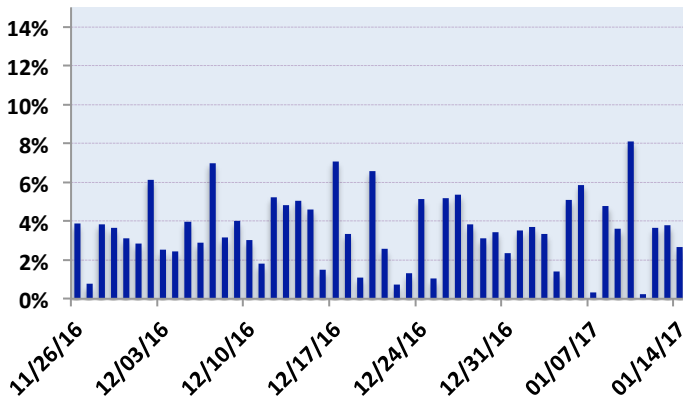- Refine bidding and contingency strategies for each hour and location

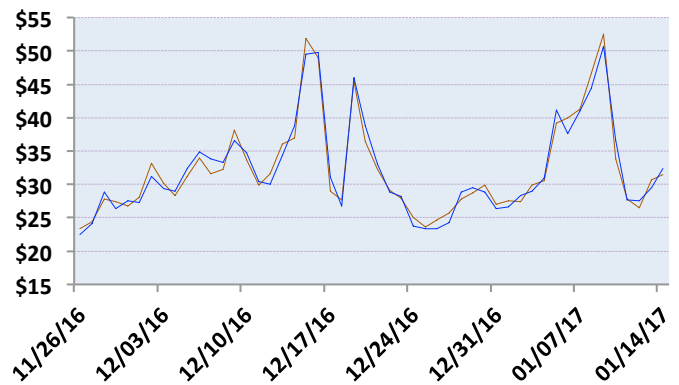*Deep functionality for smarter decisions!*

Performance

The data science behind our Day Ahead LMP Forecaster is designed for the growing impacts of renewables/ DER's and C&I prosumers.   It's the next generation of predictive analytics that captures and anticipates changing market dynamics, delivering new forecasts every 30 minutes and avoids the trap of conventional modeling technologies. And it's 'aware' enough to deliver risk measures for every single price point.
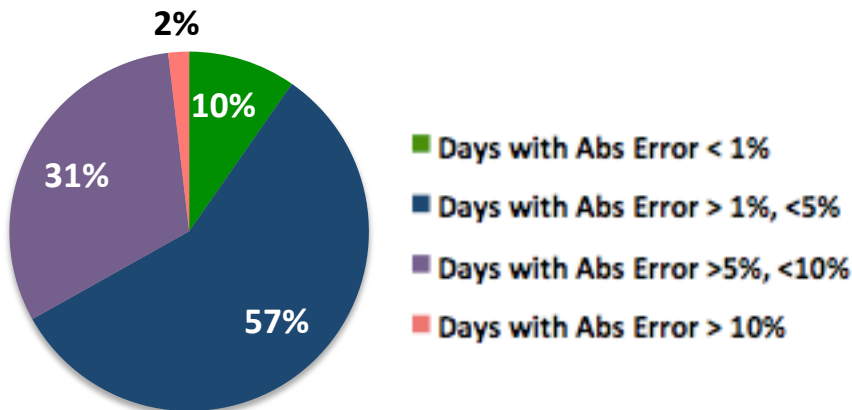

% Abs Error

DALMP actual   Forecast

Error Frequency

■ Days with Abs Error < 1%

■ Days with Abs Error > 1%, <5%

■ Days with Abs Error >5%, <10%

■ Days with Abs Error > 10%

Precision for consistent results!