



Investment-Grade Economic and Environmental Forecasting For Power Buyers, Sellers, Asset Owners and Investors

Legacy Power Modeling and Forecasting Tools Are Insufficient to Meet Today's Needs

The power market is experiencing a renaissance driven by surging demand coupled with a broader landscape of fuels, generation assets and technology innovation. As a result, reliable price and asset valuation forecasts have become a much more complex exercise. Gone are the days when you could reliably forecast power market load demand and pricing using forward curves generated from an internally developed or third-party model. Additionally, you can no longer depend on third-party forecast tables that simply start with a current snapshot of the market and extrapolate data 10 years into the future by estimating a few percentage points of annual growth or decline. Regardless of the sophistication of an energy market extrapolation model, it cannot realistically capture the impact of projected non-linear dynamics and market changes that influence forward curves. Today's power market forecasts demand a model that encompasses all the physical generation and transmission assets in your designated service area with quarterly forecast updates that reflect any changes in infrastructure, regulatory policy or supply/demand that could impact asset valuation, profitability or risk.

PowerIntel - A Better Approach to Economic and Environmental Forecasting

PowerIntel™ provides a SaaS data service designed for power buyers, sellers, investors, generation asset owners and operators. PowerIntel helps these stakeholders reduce risk, increase profits, determine the cost of meeting GHG targets and produce more reliable asset valuations. Unlike legacy forecasting services, PowerIntel is unique in its use of a physical model for each energy market to conduct both expansion planning and production forecasts, including both Locational Marginal Prices (LMP) and Locational Marginal Emission Rates (LMERs). PowerIntel's expansion planning modelling projects the generation make up of each market over the time frame of concern.

We help you:

- **Optimize your PPA pricing strategies**
- **Hedge basis risk**
- **Value your existing asset portfolios or potential investments**
- **Maintain profitability while meeting your emission goals**

Complete and Timely Investment-Grade Forecasts

PowerIntel recognizes the need for reliable economic and environmental forecasts that users can access on-demand to keep up with the increasing cadence of market changes. PowerIntel's SaaS data service utilizes a physical representation of the power grid to provide complete and defensible economic and environmental forecasts based on reliable representations of clearing prices, Locational Marginal Pricing and Emission Rates, power flow, generator revenue and much more – updated quarterly!



With PowerIntel you can:

- **Optimize your PPA pricing strategies**
- **Evaluate alternative PPAs**
- **Hedge basis risk**
- **Value your existing asset portfolios or potential investments**
- **Maintain profitability while meeting your emission goals**
- **Conduct “what if” scenario planning**
- **Monitor diverse risks**
- **Reduce financial risks**
- **Generate more reliable financial reports**
- **Build and analyze asset portfolios at scale**
- **Maximize investment opportunities**

Leading-Edge Market Simulation and Optimization

The PowerIntel SaaS data service is supported by the industry’s most computationally advanced energy modeling and simulation system created by leading power industry economists behind the development of the world’s largest electricity markets. The system produces highly-accurate results because it closely mimics actual markets.

Why Trust PowerIntel Forecasts?

1. PowerIntel’s SaaS data service utilizes a physical representation of the power grid to provide complete and defensible economic and environmental forecasts based on reliable representations of clearing prices, Locational Marginal Pricing, Locational Marginal Emission Rates, power flow, generator revenue and much more — all at the nodal level.
2. PowerIntel is unique in its use of a physical model of each energy market to conduct both expansion planning and production costing. This way, physical interrelationships are maintained throughout the analysis period, providing consistency between economic and environmental results.
3. PowerIntel utilizes market forecasts that are curated by recognized industry experts. These economists and engineers were the thought leaders and drivers behind the use of Locational Marginal Pricing and Locational Marginal Emission Rates as accurate measures of the financial and environmental impact of proposed projects.
4. To capture the impact of current market dynamics, PowerIntel updates forward curves quarterly — a cadence designed to ensure the reliability of financial analysis.
5. PowerIntel market experts consult with individual subscriber clients to ensure our data represents all specific assets and infrastructure recognized by the client in their specific market of concern.

Our Timely Forecasts are Curated by the Thought Leaders in LMP and LMER Formulas

Having a world class forecast model is not enough. PowerIntel’s market forecasts are curated by the thought leaders and drivers behind the use of Locational Marginal Pricing and Locational Marginal Emission Rates as accurate measures of the financial and environmental impact of proposed projects and Power Purchase Agreements. With extensive experience conducting bespoke impact analysis, they recognized the need to encapsulate their methodologies into a data service that can be used by stakeholders to easily identify the economic and environmental impact of alternative forecast scenarios. The result is a user-friendly SaaS model with exceptional reliability. PowerIntel’s service includes market conditions (including the effect of policy changes) and **forecasts that are updated quarterly**. Users are never more than a quarter away from having the most up-to-date forecasts for use in their evaluations. PowerIntel is unique in its ability to enable users, at any time, to cost-effectively conduct their own accurate, granular, investment-grade analyses.

Learn how PowerIntel can help your organization. Call or email Martin Goldenblatt, V.P. Sales & Marketing at 508-397-5779, martin.goldenblatt@powerintel.net