

The need

The actual context of energy markets requires updated information: Public policies affecting the energy sector, digitalization, decarbonization, development of new technologies, high penetration of renewables... A permanent update of the variables involved for calculating energy prices is necessary.

Our web-based platform provides a constantly updated vision of the market and its price levels.



The tool

Based on calculation tools developed by Antuko, our web-based platform provides an updated projection of long-term pool prices and updated information on those factors that affect their determination.

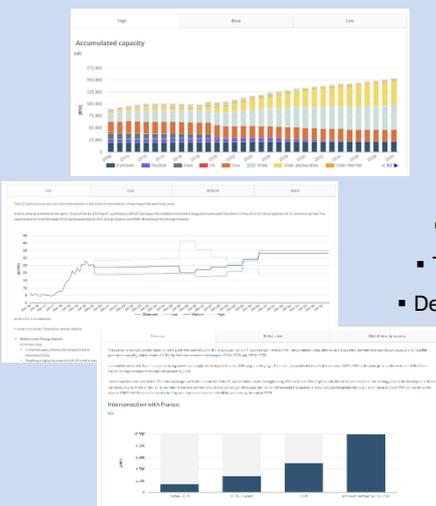
Combining a fundamental & statistical approach, Antuko can deliver reliable and robust energy prices forecasts.



The methodology

Fundamental Approach

- Market rules and mechanisms;
- Installed capacity, operation dynamics
- Transmission grid and interconnections;
- Demand composition, expected evolution;
- Projected expansion of generation matrix;
 - Expansion of transmission grid;
 - Prices of commodities and fuels;
 - Climatic variables.



The fusion of these variables allows Antuko to create an economic dispatch model with hourly resolution that forecasts the behavior of the generation matrix in the future. Antuko considers three scenarios to deliver a complete vision, and custom scenarios upon request.

Behavioral approach

In markets where members place offers, a fundamental approach is not enough: Members use complex strategies in order to maximize profits.

These strategies have no relation at all with a fundamental dispatch approach, but have more to do with trading strategies, what generates a relevant distortion in the formation of energy prices.

In order to understand these strategies and assess how they affect the formation of energy prices, Antuko uses statistical, stochastic and machine-learning models that analyze the way market members place their offers depending on a wide set of variables (demand levels, spot prices, commodity prices, season, temperature, wind, etc.).

*Coming soon

The access

- ▶ Unlimited access to updated to Long term energy price forecast (24/4, solar, wind), hourly resolution & Curtailment
- ▶ Base case and two sensibilities: High and low
- ▶ Annual subscription
- ▶ Web based: Only user and password required
- ▶ Immediate results download
- ▶ Market indicators available (price, demand, install capacity & others)
- ▶ Ideal for developers, IPP, financial institutions, investors, trading companies and large consumers
- ▶ Markets available: Spain, Chile, Mexico, Portugal* & Colombia*

Request your demo
Contact us: info@antuko.com