

**Underpinning your every decision is the trust that your data is accurate and well sourced. But collecting data, and ensuring its precision, to accurately model the energy ecosystem takes precious time and resources.**

Our Simulation Ready Datasets are extensively researched and meticulously sourced by our global team of experts, so that you can start modeling with confidence on PLEXOS and PLEXOS Cloud. Our datasets are designed to be easily customized, updated with the latest industry data, and incorporate information from public, regional, and government sources.

This bid based dataset provides an up-to-date snapshot view of the Mexico market, giving you insight into demand/supply balance, market prices, and more.



## Designed for:

- ▶ Power utilities, suppliers, independent power producers (IPPs), investors, planners, consultants, traders and large industrial consumers
- ▶ Renewable energy developers analyzing the effects and timing of Renewable Portfolio Standards (RPS)
- ▶ Revenue forecasting for diligence and strategic planning
- ▶ Integrated Resource Planning (IRP) for investment decision-making and resource management
- ▶ Consultants needing a base model as a starting point for creating their own scenarios
- ▶ Project developers focusing on profitable ventures, as well as fuel and budget management
- ▶ Portfolio managers exploring asset opportunities and considering mergers & acquisitions (M&A)
- ▶ Regulatory bodies and commissions studying the impacts of policy changes and carbon emission scenarios

## Mexico Dataset includes:

The Mexican Electric System modeled in PLEXOS currently contains 58 nodes, which represent the transmission regions that are defined by the ISO of Mexico called CENACE.

This structure was taken as a reference because in previous years (2017-2019) the information published by CENACE was public for everyone and in those years they used this model of 58 representative nodes with an optimized transmission that perfectly models the trend of energy prices in the long and medium term.

Historical calibration – backcast against market actual data.



## Featured highlights

1	<b>Grid representation</b> and the current database uses the 58 transmission regions as nodes, which represents an important simplification of the network, considering that the Mexican grid has over 2.000 nodes.
2	<b>Includes</b> hydrological network modeling.
3	<b>Fuel prices are obtained</b> from the U.S. Energy Information Administration, adjusting for areas where fuel prices are higher due to transportation costs.
4	<b>Full backcast</b> that runs out of the box for benchmarking

## Sources Include:

The main source of information for building the Mexican Database comes from the Long-Term Planning that the regulator carries out each year. This process is known as PRODESEN.

With our Simulation Ready Datasets you get faster start-up and decision making, accuracy and reliability, drastically lower internal costs when compared to developing your own – giving you quicker time to insight.

## Energy Exemplar datasets are always:

- ▶ Publicly sourced
- ▶ Thoroughly documented with extensive release notes provided
- ▶ Extensively tested and calibrated
- ▶ Up-to-date annually



## Take the Next Step

Learn more or schedule a meeting at  
[www.energyexemplar.com/datasets](http://www.energyexemplar.com/datasets)