

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 modelling with confidence on PLEXOS and PLEXOS Cloud. Our datasets are designed to be easily customised, updated with the latest industry data, and incorporate information from public, regional, and government sources.

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



Designed for:

- ▶ Power utilities, suppliers, IPPs, investors, planners, consultants, traders and large industrial consumers
- ▶ Renewable developers to understand RPS impacts and development timing
- ▶ Revenue forecasting for diligence and planning
- ▶ IRP planning for investment and analysis and resources planning
- ▶ Consultants seeking a base case to build their own scenarios with
- ▶ Project developers for making profitable
- ▶ Investments and for fuel and budgetary planning
- ▶ Portfolio managers investigating assets and for M&A
- ▶ Regulators and commissions for understanding impact of policy and carbon scenarios

Brazil Dataset includes:

- ▶ A view of Brazil's electricity market in the short-term and medium-term.
- ▶ We currently have 2 models for the Brazilian database:
 - ▶ **Medium-term (MT):** medium term database that is based on the modeling and data used in the NEWAVE software.
 - ▶ **Short-term (ST):** The available short-term model that models the Brazil database is based on the modeling done by the Brazil ISO in the DESSEM software, which only models 7 nodes to represent the whole country.



Featured highlights

1	Includes subsystems & equivalent reservoirs mapping.
2	Topology (conversion from Newave equivalent topology to more accurate topology).
3	Includes line expansion & constraints.
4	Conversion from NEWAVE inputs to PLEXOS inputs.
5	Incremental inflows preparation

Sources Include:

The medium-term operational database is derived from the input requirements for two optimization models: Newave and Decomp. The PMO document (Monthly Operation Planning: PMO) has the output of these two coupled models. The PMO has monthly runs, with weekly updates.

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