PLEXOS — Honduras Dataset

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 Honduras 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

Honduras Dataset includes:

This model contains 25 hydrological samples and a weekly resolution by energy blocks. The energy blocks are defined on a weekly basis, i.e., the allocation of hours for each block varies every week within the simulation horizon.

Energy Exemplar

Featured highlights

1	**Contains modeling** of 8 reservoirs with turbine efficiency tables.
2	**Modeling of 25 hydrological samples**, with which stochastic analysis is performed with SDDP methodology.
3	**Transmission constraints modeled** with dynamic blocks.
4	**Contains the offers of the EOR countries**, modeled as an equivalent generator.
5	**Include** the modeling of the hydrological network.

Sources Include:

Centro Nacional de Despacho, CND.

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

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