

# Nodal electricity price (CTCP) projections for Mexico

Essential insight into the development of the Mexican electricity market, forecasting the CTCP (Coste Total de Corto Plazo) at a nodal resolution for any of the country's 42 nodes.

This ILEX Energy Report provides **nodal electricity price (CTCP) projections for Mexico out to 2035** in three internally consistent scenarios – **High, Central** and **Low**.

The price projection scenarios illustrate a reasonable range of outcomes in electricity prices for Mexico at a nodal resolution. The projections are for sustainable long-term levels based on fundamental price drivers.

Our modelling expertise is complemented by our knowledge of European and Latin American electricity markets. We use this to summarise the Mexican market, highlighting the key issues for coming years.

Updating our price projections on a quarterly basis allows us to incorporate the most up-to-date information on fuel prices, demand and government policy.

We use our electricity model to examine the effect of differences in key drivers, such as:

- electricity demand;
- fuel and gas prices, derived from our suite of models;
- government policies on renewable generation; and
- construction of new generation capacity.

By simultaneously modelling electricity markets across regions and countries, we take account of limits and opportunities presented by physical interconnections.

Our iterative modelling process ensures that our fuel and gas prices are consistent with the resulting level of demand.

Modelling on an hourly basis allows us to produce merit order curves and price duration curves. These helps clients better understand the detail underlying our CTCP projections.

Our model produces detailed results for each plant in our database, including revenues and costs on an hourly basis. We use this to check that our assumptions about future investment decisions are supported by adequate levels of expected return.

Our price projections are accompanied by a review of **major developments in the Mexican electricity market**, such as:

- demand, capacity, generation, major players;
- market drivers and challenges for generation projects under development;
- legal framework and renewable policies; and
- status of renewables, action plans and future outlook.

Apart from the CTCP projections, our review is supported by a description of the current state of the Mexican electricity market, i.e. sources of supply and demand, major players, commercial arrangements, regulatory and policy overview.





The report is around 140 pages, the final length depending on the number of nodes included in the price projection. It also contains some 100 illustrative figures and tables.

As a complementary product, Pöryr can provide complete **arrays of projected hourly prices** out to 2035.

We also offer bespoke options:

- **plant-specific load factors and capture prices;**
- **sensitivity analysis; and**
- **model runs using client defined input assumptions.**

Over recent years we have invested in the development of a suite of advanced models in order to investigate the market effects of high levels of intermittent wind generation. With these models we project prices and plant operation for 8760 hours per year.

We would be pleased to discuss with you how our market insight can help your business.

### ILEX ENERGY REPORTS

Pöryr Management Consulting produces ILEX Energy Reports for electricity, gas, carbon and green certificate markets across Europe.

Pöryr Management Consulting is Europe's leading energy consultancy, providing strategic, commercial, regulatory and policy advice to the energy market.

Our team of over 200 European energy specialists, located across 14 offices and 12 countries, offers unparalleled expertise in the rapidly changing energy sector.

### LATIN AMERICAN MARKETS



### EUROPEAN MARKETS



**Pöryr** is an international consulting and engineering company. We serve clients globally across the energy and industrial sectors and locally in our core markets. We deliver strategic advisory and engineering services, underpinned by strong project implementation capability and expertise. Our focus sectors are power generation, transmission & distribution, forest industry, chemicals & biorefining, mining & metals, transportation, water and real estate sectors. Pöryr has an extensive local office network employing about 6,500 experts.

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