

ENTSO-E Transparency Platform

Data Categories

Data Descriptions

Load (power consumption)

Total Load - Day-Ahead/Actual	Day-ahead forecast and actual total load, defined as equal to the sum of power generated by plants on both TSO/DSO networks, from which is deduced: the balance (export-import) of exchanges on interconnections between neighbouring bidding zones and the power absorbed by energy storage resources.
Total Load Forecast - Week Ahead	Week ahead forecast of total load, defined as equal to the sum of power generated by plants on both TSO/DSO networks, from which is deduced: the balance (export-import) of exchanges on interconnections between neighbouring bidding zones and the power absorbed by energy storage resources.
Total Load Forecast - Month Ahead	Month ahead forecast of total load, defined as equal to the sum of power generated by plants on both TSO/DSO networks, from which is deduced: the balance (export-import) of exchanges on interconnections between neighbouring bidding zones and the power absorbed by energy storage resources.
Total Load Forecast - Year Ahead	Year ahead forecast of total load, defined as equal to the sum of power generated by plants on both TSO/DSO networks, from which is deduced: the balance (export-import) of exchanges on interconnections between neighbouring bidding zones and the power absorbed by energy storage resources.
Forecast Margin - Year Ahead	A year ahead forecast margin, defined as the difference between the yearly forecasts of available generation capacity and of total load, taking into account the forecasts of total generation capacity, availability of generation and of reserves contracted for system services.

Generation (energy production & production forecasts)

Installed Capacity per Production Type	The sum of installed net generation capacity (MW) for all existing production units equalling or exceeding 1 MW of installed generation capacity, per production type.
Water Reservoirs & Hyrdro Storage Plants	Aggregated weekly average filling rate of all water reservoir and hydro storage plants (MWh) per area, including the figure for the same week of the previous year.
Actual Generation per Production Type	Actual aggregated net generation output (MW) or consumption per market time unit and per production type.
Actual Generation per Generation Unit	Actual net generation output (MW) and optionally consumption data from all generation units. Data are aggregated as an average of generation outputs or consumption.
Generation Forecast - Day-Ahead	An estimate of the total scheduled net generation (MW) per area and each market time unit of the following day.
Generation Forecasts Day-Ahead for Wind and Solar	Forecast of wind and solar power net generation (MW) per area and each market time unit of the following day.
Installed Capacity Per Production Unit	Installed capacities at the beginning of the year and current (actual date) installed capacities for all production units (including planned).

Transmission (power transfers over borders, between areas)

Scheduled Commercial Exchanges - Day-Ahead	Total scheduled commercial exchanges, defined as aggregated capacity nominated for all time horizons (including Intraday) and corresponding to explicit and implicit allocations after each nominations process.
Cross-Border Physical Flows	Physical flow is defined as the measured real flow of energy between neighbouring areas on the cross-borders.
Day-Ahead Prices	Prices in currency/MWh created on the spot (day-ahead) market. Data is delivered for each market time unit.
Forecasted Transfer Capacities - Day-Ahead	Day-ahead forecasted transmission capacities (MW) per direction between areas.
Forecasted Transfer Capacities - Week Ahead	Week ahead forecasted transmission capacities (MW) per direction between areas.
Forecasted Transfer Capacities - Month Ahead	Month ahead forecasted transmission capacities (MW) per direction between areas.
Forecasted Transfer Capacities - Year Ahead	Year ahead forecasted transmission capacities (MW) per direction between areas.
Explicit Allocations - Intraday	Common view for Intraday offered, requested and allocated capacities together with price of the capacities displayed per capacity product of auctions / allocations.

Balancing (regulation energy used to keep the grid in balance)

Rules on Balancing	PDFs of rules covering: processes for the procurement of different types of balancing reserves and of balancing energy; the methodology of remuneration for both the provision of reserves and activated energy for balancing; the methodology for calculating imbalance charges; if applicable, a description on how cross-border balancing between two or more areas is carried out; and the conditions for generators and load to participate
Volumes of Offers for Balancing Reserves	Common view for accepted aggregated offers (volumes available for activation), the amount of activated balancing energy and prices paid by the TSO for activated balancing energy displayed per balancing time unit and per type of balancing reserve type.
Balancing Volumes Reservation	The volume of balancing reserves (MW) that are made available to the TSO by contract (either bilateral contracts or tendering process)
Balancing Volumes Reservation Price	Prices paid by the TSO per type of procured balancing reserve and per procurement period.
Imbalance	Common view with prices for negative and positive imbalances together with total aggregated volume of the imbalance per balancing time unit.
Cross-Border Balancing	Common view for aggregated offers and volumes of activated balancing energy together with min/max prices of exchanged bids and offers.
Financial Expenses and Income	Monthly financial balance of the control area, specifying expenses incurred to the TSO for procuring reserves and activating balancing energy, together with net income to the TSO after settling the imbalance accounts with balance responsible parties. The difference between Income and expenses is calculated and displayed.

Outages (planned maintenance or unavailabilities on the electricity grid)

Unavailability in Transmission Grid	Planned and forced unavailabilities, including changes in unavailability of interconnections in the transmission grid that reduce transfer capacities between areas during at least one market time unit, including information about new net transfer capacity.
Unavailability of Offshore Grid	Unavailabilities in the off-shore grid that reduce wind power feed-in during at least one market time unit. Wind power fed in at the time of the change in the availability is provided.
Unavailability of Production and Generation Units	The planned and forced unavailabilities of production and generation units expected to last for at least one market time unit up to three years ahead.
Aggregated Unavailability on Consumption Units	View on unavailability of consumption units in aggregated form. All planned and forced outages in selected area are aggregated.

Congestion Management (actions taken to relieve overloaded parts of the grid)

Countertrading	Buying or cancelling generation on different sides of the border to relieve congested cross-border lines that exceed their capacity.
Redispatching	Changes in production and load (increase or decrease) to relieve congested internal lines that exceeds its capacity.
Costs	TSO costs for redispatching and countertrading, together with costs for any other remedial actions taken to relieve congested lines on the transmission grid.