

# Glossary of core energy specific terminology



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The EU Agency for the Cooperation of Energy Regulators (ACER) and the national energy regulatory authorities have, in cooperation with the Translation Centre for the Bodies of the EU, developed a multi-lingual database of energy-specific terminology.

The creation of the multilingual glossary in the official EU languages was possible thanks to the contribution of many ACER member authorities:

- Austrian Energy Regulator (E-Control)
- Czech Energy Regulatory Office (ERU)
- Cyprus Energy Regulatory Authority (CERA)
- German Federal Network Agency (BNetzA)
- Greek Regulatory Authority for Energy (RAE)
- Estonian Competition Authority (Konkurentsiamet)
- French Energy Regulatory Commission (CRE)
- Belgian Federal Commission for Electricity and Gas Regulation (CREG)
- Luxembourg Institute of Regulation (IRL)
- Hungarian Energy and Public Utility Regulatory Authority (MEKH)
- Italian Regulatory Authority for Energy, Networks and Environment (ARERA)
- Lithuanian National Energy Regulatory Council (VERT)
- Maltese Regulator for Energy and Water Services (REWS)
- Polish Energy Regulatory Office (URE)
- Portuguese Energy Services Regulatory Authority (ERSE)
- Romanian Energy Regulatory Authority (ANRE)
- Slovak Regulatory Office for Network Industries (URSO)
- Slovenian Energy Agency (AGEN-RS)
- Swedish Energy Markets Inspectorate (Ei)



In close cooperation with the Translation Centre for the Bodies of the European Union, the multi-lingual glossary is available in the **EU's terminology database – IATE**.

[IATE \('Interactive Terminology for Europe'\)](#) is the EU's terminology database. It has been used in the EU institutions and agencies since summer 2004 for the collection, dissemination and management of EU-specific terminology. The project partners are:

- European Parliament (IATE data labelled as EP),
- Council of the European Union (IATE data labelled as Consilium),
- European Commission (IATE data labelled as COM),
- Court of Justice of the European Union (IATE data labelled as CJUE),
- European Central Bank (IATE data labelled as ECB),
- European Court of Auditors (IATE data labelled as ECA),
- European Economic and Social Committee (IATE data labelled as EESC/CoR),
- European Committee of the Regions (IATE data labelled as EESC/CoR),
- European Investment Bank (IATE data labelled as EIB), and
- Translation Centre for the Bodies of the European Union (IATE data labelled as CdT)

With around 8 million terms in nearly 1 million entries, IATE is the reference in the terminology field, and is considered to be the largest multilingual terminology database in the world. It offers extensive data in 24 official EU languages and also Latin. Users connect to IATE from over 200 different countries. More than 55 million queries are run in IATE every year.

**The collection of terms below is linked to the IATE database where is freely accessible to all stakeholders (subject-field experts, policymakers, authors, linguists, etc.).**



**A**

ACE [↗](#)  
acquiring trade notification [↗](#)  
activation optimisation function [↗](#)  
active power [↗](#)  
active power flow analysis [↗](#)  
active power output [↗](#)  
active power reserve [↗](#)  
adequacy [↗](#)  
adjacent balancing zone [↗](#)  
adjacent transmission system operator [↗](#)  
advanced biofuels [↗](#)  
affected TSO [↗](#)  
agency [↗](#)  
aggregated netted external schedule [↗](#)  
agricultural biomass [↗](#)  
alert state [↗](#)  
alert state trigger time [↗](#)  
allocated capacity [↗](#)  
allocated volume [↗](#)  
allocation [↗](#)  
allocation constraint [↗](#)  
allocation procedure [↗](#)  
allocation rules [↗](#)  
allowed revenue [↗](#)  
alternative allocation mechanism [↗](#)  
alternator [↗](#)  
amendment [↗](#)  
amount of capacity [↗](#)  
annual quarterly capacity auction [↗](#)  
annual yearly capacity auction [↗](#)  
apparent power [↗](#)  
apportionment [↗](#)  
approval [↗](#)  
area control error [↗](#)  
ascending clock auction [↗](#)  
assumptions  
auction [↗](#)  
auction calendar [↗](#)  
authorised certifier [↗](#)  
authorised certifier [↗](#)  
automatic FRR [↗](#)  
automatic FRR activation delay [↗](#)  
automatic FRR full activation time [↗](#)  
automatic voltage regulator [↗](#)  
availability plan [↗](#)  
availability status [↗](#)  
available capacity [↗](#)  
average FRCE data [↗](#)  
AVR [↗](#)

**B**

back-up methodology [↗](#)  
back-up procedure [↗](#)  
balancing energy gate closure time [↗](#)  
balancing market [↗](#)  
balancing mechanism [↗](#)  
balancing obligations [↗](#)  
balancing period [↗](#)  
balancing platform [↗](#)  
balancing regime [↗](#)  
balancing rules [↗](#)  
balancing service [↗](#)  
balancing services [↗](#)  
balancing system [↗](#)  
balancing zone [↗](#)  
base case [↗](#)  
bid [↗](#)  
bid price [↗](#)  
bid/offer spread [↗](#)  
bidding round [↗](#)  
bidding zone border [↗](#)  
bidding zone configuration [↗](#)  
binding capacity allocation phase [↗](#)  
binding commitments  
biofuel [↗](#)  
biogas [↗](#)  
bioliquid [↗](#)  
biomass [↗](#)  
biomass fuel [↗](#)  
black start capability [↗](#)  
blackout  
black-out  
blackout state [↗](#)  
block loading [↗](#)  
blocking minority  
body [↗](#)  
booking platform [↗](#)  
bottom-up re-energisation strategy [↗](#)  
building [↗](#)  
bundled capacity [↗](#)  
bundled capacity products [↗](#)  
bundling arrangement [↗](#)  
business day

**C**

capacity [↗](#)  
capacity allocation [↗](#)  
capacity-allocation mechanism [↗](#)  
capacity-allocation procedure [↗](#)  
capacity bid [↗](#)

[capacity calculation approach](#) ↗  
[capacity calculation methodology](#) ↗  
[capacity calculation time-frame](#) ↗  
[capacity conversion service](#) ↗  
[capacity management module](#) ↗  
[capacity pricing methodology](#) ↗  
[capacity procurement optimisation function](#) ↗  
[capacity request](#) ↗  
[capped payments](#) ↗  
[CDSO](#) ↗  
[CE synchronous area](#) ↗  
[CEE](#) ↗  
[central counter party](#) ↗  
[Central Eastern Europe](#) ↗  
[CHP](#) ↗  
[circuit-breaker](#) ↗  
[clearing and settlement](#) ↗  
[clearing and settlement arrangements](#) ↗  
[clearing and settlement services](#) ↗  
[clearing price](#) ↗  
[close to real-time](#) ↗  
[closed distribution system](#) ↗  
[closed distribution system operator](#) ↗  
[cogeneration](#) ↗  
[cogeneration of electricity and heat](#) ↗  
[collateral](#) ↗  
[combined heat and power](#) ↗  
[combined heat and power production](#) ↗  
[commercially sensitive information](#) ↗  
[common grid model](#) ↗  
[common merit order list](#) ↗  
[Community-wide network development plan](#) ↗  
[Community-wide ten-year network development plan](#) ↗  
[compensation](#) ↗  
[compensation rules](#) ↗  
[competent regulatory authorities](#) ↗  
[competing capacities](#) ↗  
[compliance](#) ↗  
[confidential information](#) ↗  
[confirmation deadline](#) ↗  
[confirmed quantity](#) ↗  
[congestion charges](#) ↗  
[congestion income](#) ↗  
[congestion income distribution methodology](#) ↗  
[congestion management](#) ↗  
[congestion management rules](#) ↗  
[congestion rent](#) ↗  
[congestion revenues](#) ↗  
[connecting TSO](#) ↗  
[connection agreement](#) ↗  
[constraint](#) ↗

[consumer surplus](#) ↗  
[consumption schedule](#) ↗  
[contingency](#) ↗  
[contingency analysis](#) ↗  
[contingency influence threshold](#) ↗  
[contingency list](#) ↗  
[continuous trading](#) ↗  
[continuous trading matching algorithm](#) ↗  
[contracted capacity](#) ↗  
[contracting TSO](#) ↗  
[contractual congestion](#) ↗  
[contractual parties](#) ↗  
[control capability providing TSO](#) ↗  
[control capability receiving TSO](#) ↗  
[control program](#) ↗  
[control room](#) ↗  
[coordinated approvals](#) ↗  
[coordinated capacity calculator](#) ↗  
[coordinated decisions](#) ↗  
[coordinated net transmission capacity approach](#) ↗  
[cost benefit analysis](#) ↗  
[cost-efficient](#) ↗  
[cost plus regime](#) ↗  
[cost recovery](#) ↗  
[cost sharing methodology](#) ↗  
[cost targets](#) ↗  
[credit risk management](#) ↗  
[crisis coordinator](#) ↗  
[criteria application process](#) ↗  
[critical fault clearing time](#) ↗  
[cross-border FRR activation process](#) ↗  
[cross-border RR activation process](#) ↗  
[cross-regional](#) ↗  
[cross-subsidisation](#) ↗  
[cross-system network use](#) ↗  
[cross-zonal](#) ↗  
[cross-zonal exchange](#) ↗  
[current](#) ↗  
[curtailment](#) ↗

## D

[daily balancing regime](#) ↗  
[daily metered](#) ↗  
[daily notification quantity](#) ↗  
[daily standard capacity product](#) ↗  
[data collection and delivery process](#) ↗  
[day ahead forecast](#) ↗  
[day ahead products](#) ↗  
[day-ahead and intraday trading services](#) ↗  
[day-ahead capacity](#) ↗

[day-ahead capacity auction](#) ↗  
[day-ahead firmness deadline](#) ↗  
[day-ahead market](#) ↗  
[day-ahead market gate closure time](#) ↗  
[day-ahead market time-frame](#) ↗  
[DC-connected power park module](#) ↗  
[DC-connected power park module owner](#) ↗  
[deactivation period](#) ↗  
[decision](#)  
[default nomination rule](#) ↗  
[defence service provider](#) ↗  
[deficit bidding zone](#) ↗  
[delegated act](#) ↗  
[deliverability](#) ↗  
[demand aggregation](#) ↗  
[demand facility](#) ↗  
[demand level](#) ↗  
[demand response active power control](#) ↗  
[demand response reactive power control](#) ↗  
[demand response system frequency control](#) ↗  
[demand response transmission constraint management](#) ↗  
[demand response unit document](#) ↗  
[demand response very fast active power control](#) ↗  
[demand scenario](#) ↗  
[demand unit](#) ↗  
[design phase](#)  
[design, implementation and operation](#)  
[designated entity](#) ↗  
[designating authority](#) ↗  
[designation](#) ↗  
[designation criteria](#) ↗  
[deviation](#)  
[dimensioning incident](#) ↗  
[direct current line](#) ↗  
[direct current-connected power park module](#) ↗  
[direct line](#) ↗  
[disconnection](#) ↗  
[disposing trade notification](#) ↗  
[district cooling](#) ↗  
[district heating](#) ↗  
[disturbance](#) ↗  
[divergence](#)  
[divisibility](#) ↗  
[domestic market](#) ↗  
[droop](#) ↗  
[DRUD](#) ↗  
[duration of applicability](#)  
[dynamic stability](#) ↗  
[dynamic stability analyses](#) ↗  
[dynamic stability assessment](#) ↗

## E

[early efforts](#) ↗  
[early warning](#) ↗  
[economic surplus for the single day-ahead or intraday coupling](#) ↗  
[economic test](#) ↗  
[effective competition](#) ↗  
[efficiently incurred costs](#)  
[electrical time deviation](#) ↗  
[electricity crisis](#) ↗  
[electricity flow](#) ↗  
[electricity transmission system](#) ↗  
[embedded HVDC system](#) ↗  
[emergency conditions](#)  
[emergency situation](#)  
[emergency state](#) ↗  
[Energy Community Contracting Parties](#) ↗  
[energy distributor](#) ↗  
[energy efficiency first](#) ↗  
[energy efficiency improvement](#) ↗  
[energy imbalance](#) ↗  
[energy management system](#) ↗  
[energy performance contracting](#) ↗  
[energy poverty](#) ↗  
[energy savings](#) ↗  
[energy service](#) ↗  
[energy service provider](#) ↗  
[enforcement](#) ↗  
[entity](#) ↗  
[entry into force](#) ↗  
[entry point](#) ↗  
[entry-exit system](#) ↗  
[ENTSO for Electricity](#) ↗  
[ENTSO for Electricity operational planning data environment](#) ↗  
[ENTSO-E](#) ↗  
[EON](#) ↗  
[equipment certificate](#) ↗  
[European Network of Transmission System Operators for Electricity](#) ↗  
[exceptional contingency](#) ↗  
[exchange of balancing capacity](#) ↗  
[exchange of balancing energy](#) ↗  
[exchange of reserves](#) ↗  
[excitation control system](#) ↗  
[executed volumes](#) ↗  
[existing capacity](#) ↗  
[existing policies and measures](#)  
[exit point](#) ↗  
[explicit allocation](#) ↗

[external commercial trade schedule](#) ↗  
[external contingency](#) ↗  
[external TSO schedule](#) ↗

## F

[FACTS](#) ↗  
[fair and non-discriminatory](#)  
[fallback procedures](#) ↗  
[fast fault current](#) ↗  
[fault](#) ↗  
[fault-ride-through](#) ↗  
[FCA](#) ↗  
[FCP](#) ↗  
[FCR](#) ↗  
[FCR full activation frequency deviation](#) ↗  
[FCR full activation time](#) ↗  
[FCR obligation](#) ↗  
[fees](#) ↗  
[f-factor](#) ↗  
[final allocation](#) ↗  
[final energy consumption](#) ↗  
[final operational notification](#) ↗  
[financial transmission right](#) ↗  
[firm services](#) ↗  
[firmness](#) ↗  
[first-time undersell](#) ↗  
[fixed price approach](#) ↗  
[flat flow rate](#) ↗  
[flexibility](#) ↗  
[flow](#) ↗  
[flow-based](#) ↗  
[flow-based approach](#) ↗  
[flow-based calculation](#) ↗  
[flow-based capacity calculation methodology](#) ↗  
[food and feed crops](#)  
[force majeure](#) ↗  
[forced outage](#) ↗  
[forecasting party](#) ↗  
[foreclosure](#) ↗  
[forest biomass](#) ↗  
[forward capacity allocation](#) ↗  
[fossil fuel](#) ↗  
[FRCE](#) ↗  
[FRCE target parameters](#) ↗  
[frequency](#) ↗  
[frequency containment process](#) ↗  
[frequency containment reserves](#) ↗  
[frequency control](#) ↗  
[frequency coupling process](#) ↗  
[frequency deviation](#) ↗

[frequency leader](#) ↗  
[frequency quality defining parameter](#) ↗  
[frequency quality evaluation criteria](#) ↗  
[frequency quality evaluation data](#) ↗  
[frequency quality target parameter](#) ↗  
[frequency recovery range](#) ↗  
[frequency response deadband](#) ↗  
[frequency response insensitivity](#) ↗  
[frequency restoration control error](#) ↗  
[frequency restoration power interchange](#) ↗  
[frequency restoration process](#) ↗  
[frequency restoration range](#) ↗  
[frequency restoration reserves](#) ↗  
[frequency sensitive mode](#) ↗  
[frequency setpoint](#) ↗  
[frequency stability](#) ↗  
[FRP](#) ↗  
[FRR](#) ↗  
[FRR availability requirements](#) ↗  
[FRR dimensioning rules](#) ↗  
[FSM](#) ↗  
[FTR](#) ↗  
[fuel poverty](#) ↗  
[full activation time](#) ↗

## G

[gas flow](#) ↗  
[gas flow change](#) ↗  
[gas in kind](#) ↗  
[gas quantity](#) ↗  
[gas year](#) ↗  
[generation and load data](#) ↗  
[generation and load data provision methodology](#) ↗  
[generation forecast](#) ↗  
[generation schedule](#) ↗  
[generation shift key](#) ↗  
[grid tariffs](#) ↗  
[grid topology](#) ↗  
[gross final consumption of energy](#) ↗

## H

[harmonised capacity calculation methodology](#) ↗  
[heat pump](#) ↗  
[high priority significant grid user](#) ↗  
[homogeneous group of points](#) ↗  
[hourly notification quantity](#) ↗  
[houseload operation](#) ↗

HVDC converter station [↗](#)  
 HVDC converter unit [↗](#)  
 HVDC interface point [↗](#)  
 HVDC system [↗](#)

## I

imbalance [↗](#)  
 imbalance adjustment [↗](#)  
 imbalance area [↗](#)  
 imbalance netting [↗](#)  
 imbalance netting power interchange [↗](#)  
 imbalance netting process [↗](#)  
 imbalance netting process function [↗](#)  
 imbalance quantity [↗](#)  
 imbalance settlement [↗](#)  
 imbalance settlement processes [↗](#)  
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 implementing public authority [↗](#)  
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 implicit capacity allocation method [↗](#)  
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 incremental capacity process [↗](#)  
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 integrated scheduling process [↗](#)  
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 internal commercial trade schedule [↗](#)  
 internal contingency [↗](#)

internal relevant asset [↗](#)  
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 interruptible services [↗](#)  
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 intraday cross-zonal gate opening time [↗](#)  
 intraday market [↗](#)  
 intraday market time-frame [↗](#)  
 intraday metered [↗](#)  
 intraday trading [↗](#)  
 intra-system network use [↗](#)  
 investment cost [↗](#)  
 ION [↗](#)  
 island operation [↗](#)

## J

joint balancing platform [↗](#)

## K

key indicator [↗](#)  
 K-factor of an LFC area or LFC bloc [↗](#)

## L

large price step [↗](#)  
 level 1 FRCE range [↗](#)  
 level 2 FRCE range [↗](#)  
 level playing field [↗](#)  
 LFC area [↗](#)  
 LFC block [↗](#)  
 LFC block imbalances [↗](#)  
 LFC block monitor [↗](#)  
 LFC block operational agreement [↗](#)  
 LFSM-O [↗](#)  
 LFSM-U [↗](#)  
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 limited frequency sensitive mode –  
 overfrequency [↗](#)  
 limited frequency sensitive mode –  
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 load forecast [↗](#)  
 load-frequency control [↗](#)  
 load-frequency control area [↗](#)  
 load-frequency control block [↗](#)  
 load-frequency control structure [↗](#)  
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locational product [↗](#)  
 LON [↗](#)  
 long-term capacity optimisation [↗](#)  
 long-term services [↗](#)  
 long-term transmission right [↗](#)  
 low frequency demand disconnection [↗](#)  
 low voltage demand disconnection [↗](#)

## M

main demand equipment [↗](#)  
 main generating plant [↗](#)  
 maintenance plans  
 mandatory minimum premium [↗](#)  
 manual FRR [↗](#)  
 manual FRR full activation time [↗](#)  
 marginal buy price [↗](#)  
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 market concentration [↗](#)  
 market congestion [↗](#)  
 market coupling operator [↗](#)  
 market coupling operator function [↗](#)  
 market demand assessment [↗](#)  
 market efficiency [↗](#)  
 market gate closure time [↗](#)  
 market liquidity  
 market outcome  
 market power [↗](#)  
 market spread [↗](#)  
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 matched orders [↗](#)  
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 matching algorithm [↗](#)  
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 maximum export capability [↗](#)  
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 maximum import capability [↗](#)  
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 minimum price [↗](#)  
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minimum stable operating level [↗](#)  
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 mismatched unbundled capacity [↗](#)  
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 mode of activation [↗](#)  
 monitoring [↗](#)  
 monitoring area [↗](#)  
 monitoring of compliance  
 monthly standard capacity product [↗](#)  
 motivated decision

## N

(N-1) criterion [↗](#)  
 (N-1) situation [↗](#)  
 national inventory system [↗](#)  
 national legal monopoly [↗](#)  
 national regulatory authority [↗](#)  
 nearly zero-energy building [↗](#)  
 neighbouring TSOs [↗](#)  
 NEMO fees [↗](#)  
 net position [↗](#)  
 net transmission capacity [↗](#)  
 netted area AC position [↗](#)  
 netted demand [↗](#)  
 network [↗](#)  
 network development plan [↗](#)  
 network element [↗](#)  
 network operation tools [↗](#)  
 network security [↗](#)  
 network tariffs [↗](#)  
 network topology [↗](#)  
 neutrality [↗](#)  
 neutrality charge for balancing [↗](#)  
 new capacity [↗](#)  
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 nomination and re-nomination rules [↗](#)  
 nomination deadline [↗](#)  
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 nomination rules [↗](#)  
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 non-compliance  
 non-discriminatory access  
 non-market based procedures [↗](#)  
 non-market-based measure [↗](#)  
 non-price cap regime [↗](#)  
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 non-standard intraday product [↗](#)  
 non-transmission services revenue [↗](#)  
 Nordic synchronous area [↗](#)  
 normal state [↗](#)

North-West Europe [↗](#)  
 notification quantity [↗](#)  
 N-situation [↗](#)  
 NWE [↗](#)

## O

objectives, targets and contributions  
 obligated party [↗](#)  
 obligation of professional secrecy  
 observability area [↗](#)  
 offer level [↗](#)  
 offshore grid connection system [↗](#)  
 offshore power park module [↗](#)  
 off-take [↗](#)  
 on load tap changer [↗](#)  
 on load tap changer blocking [↗](#)  
 on the next hour bar [↗](#)  
 onshore grid interconnection point [↗](#)  
 operational network security [↗](#)  
 operational requirements [↗](#)  
 operational security [↗](#)  
 operational security analysis [↗](#)  
 operational security indicators [↗](#)  
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 operational security ranking [↗](#)  
 operational security ranking scale [↗](#)  
 operational security requirements [↗](#)  
 operational tests [↗](#)  
 opinion [↗](#)  
 order [↗](#)  
 ordinary contingency [↗](#)  
 outage coordination region [↗](#)  
 outage incompatibility [↗](#)  
 outage planning agent [↗](#)  
 outage planning incompatibility [↗](#)  
 out-of-range contingency [↗](#)  
 outperformance [↗](#)  
 overexcitation limiter [↗](#)  
 over-nomination [↗](#)

## P

Paris Agreement [↗](#)  
 party  
 performance  
 performance targets [↗](#)  
 period for ramping [↗](#)  
 PGMD [↗](#)  
 physical congestion [↗](#)  
 physical electricity flow [↗](#)

physical flow [↗](#)  
 physical infrastructure [↗](#)  
 physical power flow [↗](#)  
 policies and measures  
 Pmax [↗](#)  
 Pmax [↗](#)  
 Pmin [↗](#)  
 policies and measures [↗](#)  
 positive externalities  
 power exchange [↗](#)  
 power factor [↗](#)  
 power flow [↗](#)  
 power flow capabilities [↗](#)  
 power park module [↗](#)  
 power system stabiliser [↗](#)  
 power transfer distribution factor [↗](#)  
 power-generating facility owner [↗](#)  
 power-generating module [↗](#)  
 power-generating module document [↗](#)  
 PPM [↗](#)  
 P-Q-capability diagram [↗](#)  
 pre-nomination cycle [↗](#)  
 preparation period [↗](#)  
 present value [↗](#)  
 pressure commitment [↗](#)  
 price cap [↗](#)  
 price coupling algorithm [↗](#)  
 price formation [↗](#)  
 price signal [↗](#)  
 primary energy consumption [↗](#)  
 primary market [↗](#)  
 pro rata  
 probability distribution [↗](#)  
 process activation structure [↗](#)  
 process responsibility structure [↗](#)  
 professional secrecy  
 project proposal  
 projections [↗](#)  
 projections with additional measures [↗](#)  
 projections with measures [↗](#)  
 projections without measures [↗](#)  
 proposal for terms and conditions or methodologies [↗](#)  
 PSS [↗](#)  
 public consultation [↗](#)  
 pump-storage

## Q

qualified majority [↗](#)  
 quality assurance [↗](#)  
 quality control [↗](#)

quantity of gas [↗](#)  
 quarterly capacity [↗](#)  
 quarterly standard capacity product [↗](#)

## R

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