Glossary of core energy specific terminology
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EU Agency for the Cooperation of Energy Regulators (ACER) has developed a collection of core energy specific terminology together with the National Regulatory Authorities of the Member States.

The database enables the uniform use of energy terms, in a multi-lingual context, in legal and other texts of the EU Institutions and Agencies, and could be used daily by experts, translators, drafters and the general public.

The creation of the multilingual glossary in the official EU languages was possible with an expert contribution of:

- 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)

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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 ➔
averted FRR ➔
averted FRR activation delay ➔
averted FRR full activation time ➔
averted 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 ➔
biofuel ➔
biofuel ➔
black start capability ➔
blackout ➔
blackout ➔
blackout state ➔
block loading ➔
blocking minority ➔
body ➔
booking platform ➔
bottom-up re-energisation strategy ➔
building ➔
bundled capacity ➔
bundled capacity products ➔
bundling arrangement ➔
business day ➔

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
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
deovation
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

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 ➔

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 ➔
implementation plan ➔
implemented policies and measures ➔
implementing public authority ➔
implicit allocation method ➔
implicit capacity allocation method ➔
incentive mechanism ➔
incident ➔
incident classification scale ➔
incremental capacity ➔
incremental capacity process ➔
incremental capacity project ➔
indicator ➔
individual action ➔
individual grid model ➔
inertia ➔
influence factor ➔
initial allocation ➔
initial FCR obligation ➔
injectability ➔
input ➔
installation document ➔
instantaneous FRCE data ➔
instantaneous frequency data ➔
instantaneous frequency deviation ➔
instruction ➔
inTEGRated national energy and climate plans ➔
inTEGRated scheduling process ➔
interconnection agreement ➔
interconnection capacity ➔
interconnection point ➔
interim measure ➔
interim operational notification ➔
internal accounting ➔
internal commercial trade schedule ➔
internal contingency ➔
internal relevant asset ➔
interruptible capacity ➔
interruptible services ➔
intraday capacity ➔
intraday cross-zonal gate closure time ➔
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 ➔

joint balancing platform ➔

key indicator ➔
K-factor of an LFC area or LFC bloc ➔

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 ➔
ligno-cellulosic material ➔
limited frequency sensitive mode – overfrequency ➔
limited frequency sensitive mode – underfrequency ➔
limited operational notification ➔
LNG facility capacity ➔
load ➔
load forecast ➔
load-frequency control ➔
load-frequency control area ➔
load-frequency control block ➔
load-frequency control structure ➔
local state ➔
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
marginal sell price
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
market surveillance
market time
market time unit
market-based procedures
matched orders
matching
matching algorithm
maximum capacity
maximum export capability
maximum HVDC active power transmission capacity
maximum import capability
maximum instantaneous frequency deviation
maximum price
maximum steady-state frequency deviation
MCO
merit order
methodology and assumptions
minimum HVDC active power transmission capacity
minimum price
minimum regulating level
minimum stable operating level
mismatched capacity
mismatched unbundled capacity
mitigation measures
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
nomination
nomination and re-nomination rules
nomination deadline
nomination flow rate
nomination rules
non daily metered
non-binding demand indication
non-compliance
non-discriminatory access
non-market based procedures
non-market-based measure
non-price cap regime
non-restrictive call for tender
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
operational security limits
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**

ramping period
ramping rate
ramping requirements
ramping restriction
rate of return regime
reactive power
reactive power flow analysis
reactive power reserve
real-time operation
recommendation
to reassess
recycled carbon fuels
reduction
re-energisation
reference incident
reference price
reference price methodology
region
regional adequacy
regional cooperation
regional coordination assessment
regional security coordinator
regulatory authority
relevant asset
relevant demand facility
relevant grid element
relevant power generating module
relevant system operator
relevant TSO
reliability margin
remedial action
re-nomination
re-nomination cycle
re-nomination period
to re-offer
replacement power interchange
replacement reserves
replacement value
repowering
requesting TSO
reserve connecting DSO
reserve connecting TSO
reserve instructing TSO
reserve price
reserve provider
reserve providing group
reserve providing unit
reserve receiving TSO
reserve replacement process
residue
response time
restoration plan
restoration service provider
restoration state
resynchronisation
resynchronisation leader
resynchronisation point
retail energy sales company
revenue cap
revocation
rolling auction
rotor angle stability
RR
RR availability requirements
RR dimensioning rules
RRP
RSC

**S**

scenario
schedule
scheduled exchange
scheduled exchange calculator
scheduling agent
scheduling and balancing processes
scheduling area
secondary market
secured fault
security of electricity supply
security of energy supply
security of supply
security of the networks
security plan
to set aside
self-dispatching model
sensitive commercial information
separate accounts
SET-Plan
setpoint
shared order book
sharing of reserves
sharing rules
shipping agent
short term fluctuations
short term standardised product
simultaneous electricity crisis
single allocation platform
single day-ahead coupling
single intraday coupling
single nomination
slope
small price step
sound justification
space
specific product
stability limits
stakeholder
stakeholder consultation
stakeholder involvement
standard capacity product
standard frequency deviation
standard frequency range
standard product
starch-rich crops
statement of compliance
stator
steady state frequency deviation
steady-state stability
structural data
subgroup
subject to
supervision
supplier surplus
supply scenario
support scheme
surplus bidding zone
synchronised region
synchronous area
synchronous area monitor
synchronous compensation operation
synchronous power-generating module
synthetic inertia
system
system defence plan
system for policies and measures and projections
system frequency
system integrity
system operation conditions
system operation coordination
system state

ten-year network development plan
terms and conditions or methodologies
the Union's 2030 targets for energy and climate
time control process
time to recover frequency
time to restore frequency
timeline
title product
tolerance level
tolerances
top-down re-energisation strategy
topology
total useful floor area
trade
trade notification
trading participant
trading platform
trading platform operator
trading rules
trading services
transaction costs
transfer of balancing capacity
transition costs
transitional provisions
transitory admissible overloads
transmission infrastructure
transmission network
transmission services revenue
transmission system
transmission system element
transmission system operator balancing
transmission tariffs
transmission-connected demand facility
transmission-connected distribution facility
transmission-connected distribution system
transport capacity
transport contract
TSO energy bid submission gate closure time
TSO-BSP model
TSO- TSO model
TSO- TSO settlement function

tariffs
technical capacity
technical corrections
technical feasibility
temporal product

UIOSI
unallocated capacity
unbundled capacity
underexcitation limiter
underperformance
uniform price auction
Union-wide 10-year network development plan
unscheduled
unused capacity
‘Use-It-Or-Lose-It’ principle
‘Use-It-Or-Sell-It’ principle

variant 1
variant 2
virtual interconnection point
virtual tie-line
virtual trading point
voltage
voltage analyses
voltage stability
volume bid
volume of bids and offers
volume of energy
volume of transacted electricity
voting powers

waste
week-ahead
weighted average price
wholesale gas market
wide area state
withdrawal
within day charge
within day forecast
within day obligation
within day product
within-day capacity
within-day standard capacity product
without undue delay

year-ahead
yearly capacity
yearly standard capacity product