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Glossary of terms

Here you can find the meanings of abbreviations, acronyms, and terms that we use in the electricity industry.

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A

AAHEDC - Assistance for areas with high electricity distribution

ACER - Agency for the Cooperation of Energy Regulators

ACS - Average cold spell

AI - Artificial Intelligence

ANM - Active Network Management

ARA - Annual report and accounts

Arduous Forecast - A forecast that assumes a generator variability and wind variability against a 1 in 20 and ACS demand forecast

AS - Ancillary Services

B

BASICS - BASICS

BCA - Bilateral connection agreement

BEGA - Bilateral embedded generation agreement

BEIS - Department for Business, Energy and Industrial Strategy

BELLA - Bilateral embedded licence exemptible large power station agreement

Bipole outages - A combined outage on two associated poles on an interconnector

BM - Balancing Mechanism

BMU - Balancing Mechanism Unit

BMRS - Balancing Mechanism Reporting System

BOA - Bid Offer Acceptance

BS - Balancing Services

BSAD - Balancing Services Adjustment Data

BSC - Balancing and Settlement Code

BSSG - Balancing services standing group

BSUoS - Balancing Services Use of System

C

C&S - Contracts and Settlements Team

CACM - Capacity allocation and congestion management

CACoP - Code Administration Code of Practice

CBR - Contingency balancing reserve

CBSG - Commercial balancing services group

CES - Commercial Engineering Services

CDM - Customer demand management

CF - Charging Futures

CfD - Contract for Difference

ChUG - Charging user group

Clean Forecast - A forecast that uses data that is largely unadjusted

CM - Capacity Market

CMN - Capacity Market Notices

CSAT - Customer Satisfaction

CUSC - Connection and Use of System Code

D

DA - Day ahead

Darkness peak - Peak evening electricity demand which coincides with lighting up in winter

DCC - Demand connection code

DECC - Department of Energy and Climate Change

DER - Distributed Energy Resource

DISBSAD - Disaggregated Balancing Services Adjustment Data

DN - Distribution network

DNO - [Distribution network operator](#)

DRC - Data Registration Code

De-rated Generation Availability - Submitted generator data which has been reduced to allow for shortfalls and breakdowns, including imports

De-rated Margin - The average excess of available generation capacity over peak demand, expressed in percentage terms

De-rating Factor - A percentage applied to notified availability data submitted by power stations to allow for short falls and breakdowns

DSO - Distribution System Operator

DSR - Demand side response

DTU - Demand turn up

E

E&R - Emergency and Restoration

ECIT - Extending Competition in Transmission

EDL - Electronic dispatch logging

Electricity Forward Agreement - A contract calling for the delivery of and payment for electric power in a future period

EFC - Equivalent Firm Capacity

EFCC - [Enhanced Frequency Control Capability](#)

EFR - [Enhanced frequency response](#)

EGBL - Electricity balancing guidelines

Embedded - Any generation which is connected directly to the local distribution network, as well as combined heat and power schemes of any scale

Emergency Assistance Service - The potential to change interconnector flows in an emergency situation to a more favourable security of supply position for GB

EMR - [Electricity Market Reform](#)

ENA - Energy Networks Association

ENC - [European network codes](#)

ENCC - Electricity National Control Centre

ENTSO-E - European Network of Transmission System Owners for Electricity

ERPS - [Enhanced reactive power service](#)

ESO - Electricity System Operator

ETO - Electricity Transmission Owner

ETR - [European Transparency Regulation](#)

ETYS - [Electricity Ten Year Statement](#)

EV - Electric vehicles

F

FBSR - Future Balancing Services Roadmap

FCA - Forward capacity allocation

FES - [Future Energy Scenarios](#)

FFR - [Firm frequency response](#)

FR - Frequency response

G

GBSQSS - GB Security and Quality of Supply Standard

GC - [Grid Code](#)

GCDF - [Grid code development forum](#)

Generator capacity - The total capacity of all generators

GSG - [CUSC governance standing group](#)

GTMA - Grid Trade Master Agreement

GW - Gigawatt

H

HSE - Health and Safety Executive

HVDC - High voltage direct current

I

Interconnector - Electric lines or other electrical plants based within Great Britain which convey electricity between Great Britain and another country or territory

J

JESG - Joint European stakeholder group

JPC - Joint planning committee

K

Kw - Kilowatt

Kwh - Kilowatt hour

L

LCDP - Large Combustion Plant Directive

LDTEC - Limited duration transmission entry capacity

Load - The energy demand experienced on a system

LOLE - Loss of Load Expectation

M

Margin - The difference between the level of demand and supply that is available to meet it

Maximum Generation Service - A facility that allows access to capacity which is outside of the generator's normal operating range in emergency circumstances for up to 2 hours

MBSS - Monthly balancing services summary

MFR - Mandatory frequency response

MODIS - Market Operation Data Interface System

MW - Megawatt

N

NBM - Non Balancing mechanism unit

NDP - Network Development Policy

NETS - National Electricity Transmission System

NGET - National Grid Electricity Transmission

NGP - National Grid Property

NISM - Notification of Insufficient System Margin

NOA - Network Options Assessment

NRAPM - Negative Reserve Active Power Margin

NTS - National Transmission System

O

Ofgem - Office of Gas and Electricity Markets

OPMR - Operating Planning Margin Requirement

ORPS - Obligatory reactive power service

P

PAS - Platform for Ancillary Services

Peak - The maximum power requirement of a system at a given time, or the amount of power required to supply customers at times when need is greatest

PGBT - Pre-Gate Balancing Transaction

Pumped Storage - Used for converting large quantities of electrical energy to potential energy

PV - Photovoltaic

Q

R

Restricted - An estimate of the demand after any Customer Demand Management has occurred

RDP - Regional development plan

REMIT - Regulation on wholesale energy markets integrity and transparency

RES - Renewable Energy Source

RfG - Requirements for generators

RIIO - Revenue = Incentives + Innovation + Outputs regulatory framework

S

- SBR** - Supplemental balancing reserve
- SF** - Scaling factor
- SO** - System operator
- SO to SO** - System operator to system operator
- SOF** - System Operability Framework
- SONAR** - System Operator Notification and Reporting System
- SOQ** - Supply offtake quantity
- SQSS** - Security and Quality of Supply Standards
- SSAT** - Stakeholder satisfaction
- STC** - System operator Transmission owner Code
- STOR** - Short-term operating reserve
- STTEC** - Short-term transmission entry capacity (firm access service)

T

- TCMF** - Transmission charging methodology forum
- TEC** - Transmission entry capacity
- TERRE** - Trans European Replacement Reserve Exchange
- TNUoS** - Transmission Network Use of System
- TO** - Transmission owner
- TOGA** - Transmission outage and generator availability
- TRW** - Transmission reinforcement works
- TSD** - Transmission system demand
- TWR** - Transmission works register

U

- UCA** - Unit cost allowance

V

- VIP** - Visual Improvement Provision

W

- W** - Watt
- WD** - Within day
- Weekday peak demand** - The highest electricity demand expected/observed during each week expected between Monday and Thursday
- Winter Peak Demand** - The highest electricity demand expected/observed during the winter

X

Y

Z