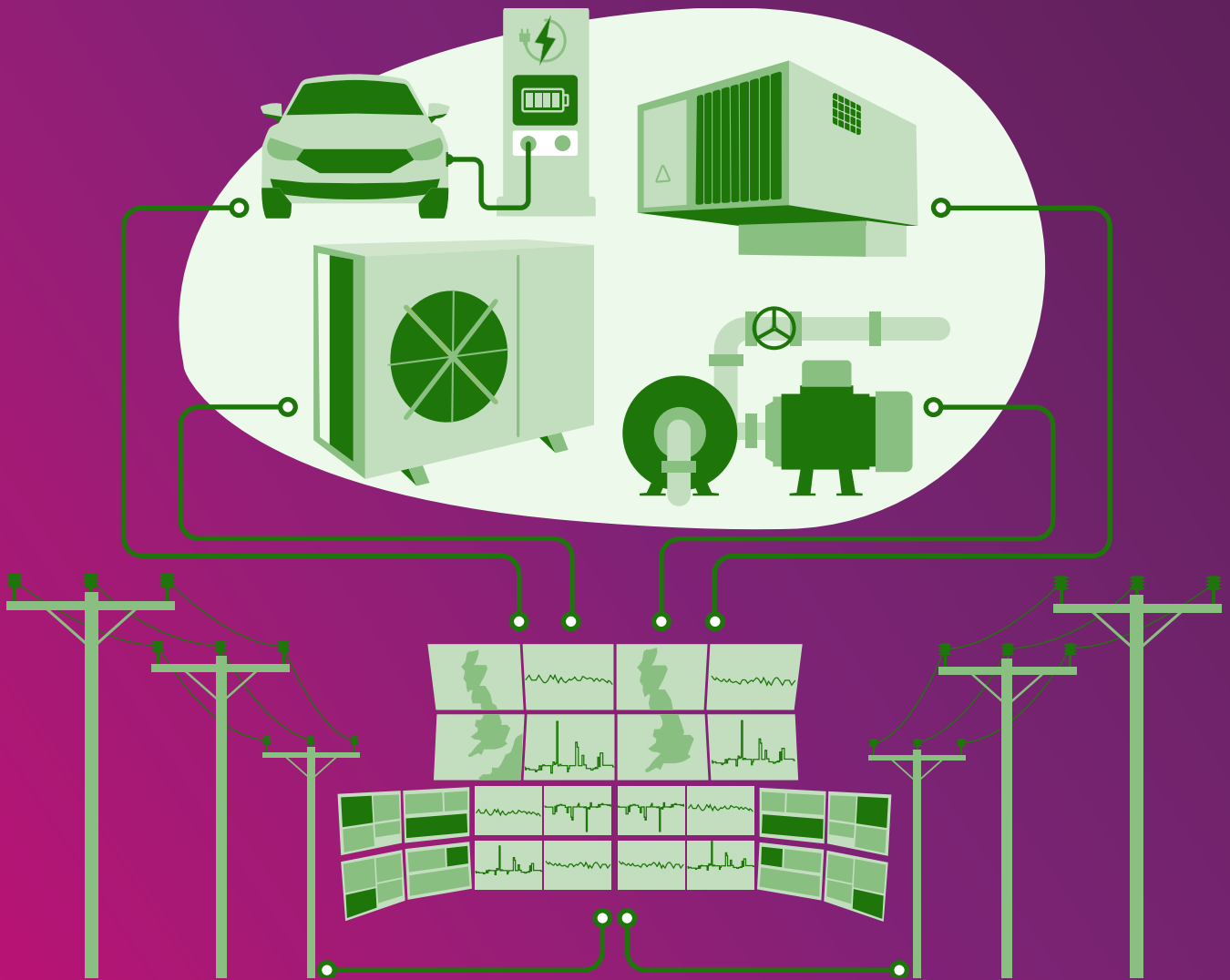


Flexitricity



Your go-to-guide for flexibility
jargon and acronyms

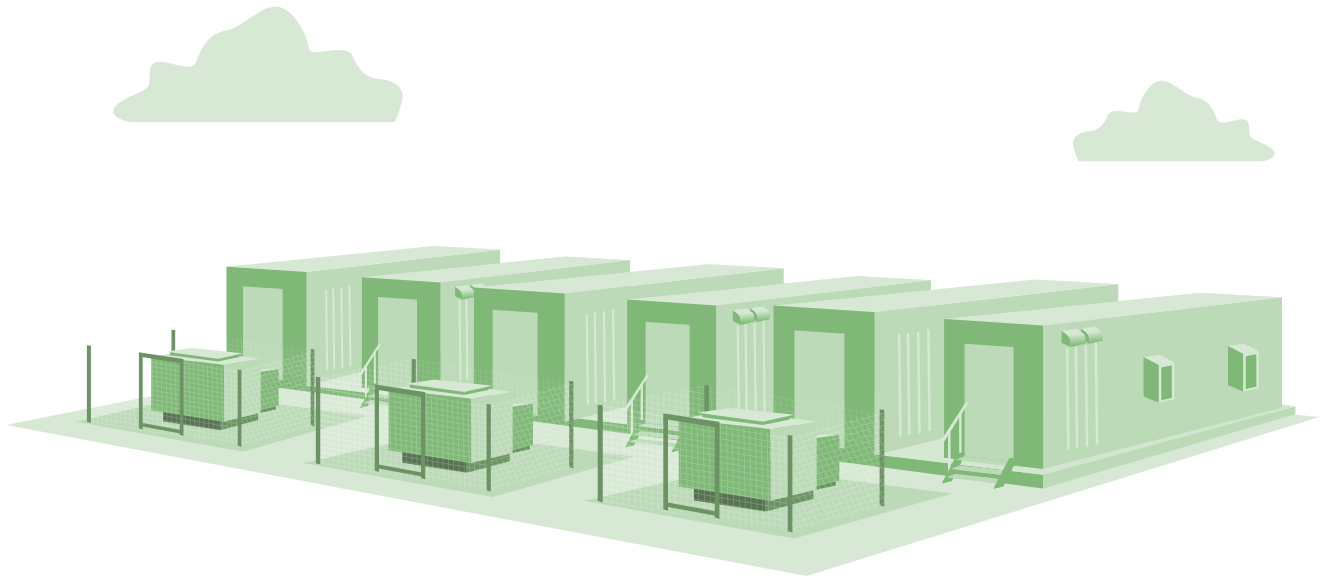
Acronym	Meaning	Explanation
ABSVD	Applicable Balancing Services Volume Data	Data used to correct an electricity suppliers imbalance positions, where imbalance has resulted from participation in an applicable Balancing Services.
AMHHDC	Asset Meter Half Hourly Data Collector	The company responsible for retrieving and processing half-hourly energy consumption or generation data from Asset Meters to support accurate settlement and forecasting
AMMOA	Asset Metering Meter Operating Agent	The company responsible for installing, maintaining, and ensuring the operational accuracy of Asset Meters used for settlement and flexibility services
AMSID	Asset Metering System ID	A unique reference number for electricity metering systems registered as compliant Asset Meters
AMVLP	Asset Metering Virtual Lead Party	An independent aggregator that controls metered assets to provide balancing or flexibility services without being a licensed supplier
ANM	Active Network Management	A site that may have its import or export limited at certain times by the DNO to help manage a complex constraint on the local network
API	Application Programming Interface	A software interface that allows two or more computers to communicate
BAU	Business As Usual	Operations or activities conducted under normal circumstances
BESS	Battery Energy Storage System	A system used to store energy for later use
BM	Balancing Mechanism	The market where NESO balances electricity supply and demand in real time
BMS	Building Management System	A control system for managing a building's mechanical and electrical equipment
BMU	Balancing Mechanism Unit	A unit of trade within the Balancing Mechanism, each BMU corresponds to an asset or group of assets within a specific GSP Group
BMWA	Balancing Mechanism Wider Access	A route to market that enables AMVLP and VLP to participate in the Balancing Mechanism with assets for which they are not the electricity supplier
BOA	Bid or offer Acceptance	An instruction from NESO accepting a Balancing Mechanism Bid or Offer, requiring the BMU to deliver a change in demand or generation
BR	Balancing Reserve	The Balancing Reserve (BR) service allows NESO to procure Regulating Reserve on a firm basis at day ahead

BRP	Balancing Responsible Party	An electricity market participant financially responsible for all imbalances between contracted and actual electricity volumes at an electricity meter point, e.g. an Electricity Supplier
BSC	Balancing Settlement Code	The set of rules governing how electricity supply and demand imbalances are measured and settled in GB
BtM	Behind the Meter	Refers to generation or storage located behind a customer's meter, not directly visible to the grid
CM	Capacity Market	A government scheme that pays providers to guarantee electricity availability during peak demand
CMN	Capacity Market Notice	A notice signalling potential system stress or need for additional capacity
CMU	Capacity Market Unit	An asset or collection of assets eligible to participate in the Capacity Market
DER	Distributed Energy Resources	Small scale units of generation or storage located close to where energy is used
DESNZ	Department for Energy Security and Net Zero	The UK government department responsible for energy policy and decarbonisation
DNO	Distribution Network Operator	A company responsible for operating and maintaining the electricity distribution networks that deliver power from the national grid to homes and businesses
DSO	Distribution System Operator	Evolved role of the traditional Distribution Network Operator (DNO), responsible for actively managing electricity distribution networks at a regional level to enable a smarter, more flexible energy system
DSR	Demand Side Response	The ability to turn up or down energy consumption to support grid balancing
DTU	Demand Turn Up	An action whereby an asset increases electricity consumption at times of low demand or high renewable generation
EMS	Energy Management System	A digital platform that monitors, controls, and optimises energy usage across buildings, facilities, or grids
ENCC	Electricity National Control Centre	NESO's control centre, which manages the electricity system in real time
ENW	Electricity North West	Distribution Network Operator for North West England
FoM	Front of Meter	Generation or storage located on the grid side of a customer's meter

GSP Group	Grid Supply Point Group	A group of Grid Supply Points, with 14 groups in Great Britain aligning with DNO territories
HH	Half-hourly	Electricity settlement or metering based on 30-minute consumption or generation data
I&C	Industrial & Commercial	Non domestic energy customers
kW	Kilowatt	A unit of power, measuring the rate of electricity use or generation
kWh	Kilowatt hour	A unit of energy, equal to using 1 kW of power for 1 hour
LCM	Local Constraint Market	Flexibility service established by NESO to save overall costs for the consumer on actions at the Anglo-Scottish B6 boundary. Participating assets are assessed against the cost of wind turn down in Scotland
MCPD	Medium Combustion Plant Directive	EU/UK legislation setting emission standards for medium-sized combustion plants
MNZT	Minimum Non-Zero Time	The shortest time an asset can be asked to turn on or off for
MSID	Metering System Identifier	A unique reference number for each electricity metering point, also often referred to as an Metering Point Administration Number (MPAN)
MW	Megawatt	A unit of power, equal to 1,000 kilowatts and commonly used to measure larger assets
MWh	Megawatt hour	A unit of energy, equal to 1,000 kilowatt-hours or using 1MW of power for 1 hour
MZT	Minimum Zero Time	The minimum time an asset needs to recover between requests to dispatch for Flexibility Services
NESO	National Energy System Operator	The National Energy System Operator (NESO) was created as a result of the UK's 2023 Energy Act. Ensure that Great Britain has the essential energy it needs by making sure supply meets demand every second of every day
NGED	National Grid Electricity Distribution	Distribution Network Operator for the Midlands, South West and South Wales
NHH	Non-half-hourly	Electricity settlement or metering based on estimated or periodic meter readings rather than 30-minute data
NPG	Northern Powergrid	Distribution Network Operator for North East England and Yorkshire

OEM	Original Equipment Manufacturer	The company that produced the asset
OFGEM	The Office of Gas and Electricity Markets	The UK's energy regulator, overseeing the electricity and gas markets
PN	Physical Notification	A notification to the system operator informing them of expected generation or demand
QR	Quick Reserve	There are two types of Quick Reserve: Negative Quick Reserve (NQR) and Positive Quick Reserve (PQR). They both work to correct imbalances and return the frequency close to 50.0 Hz
RTE	Round Trip Efficiency	The ratio of energy retrieved to energy stored in a battery or other energy storage system
SBMU	Secondary BMU	A unit of flexible assets registered to participate in the Balancing Mechanism and/or Wholesale Trading through an independent aggregator (VLP, VTP, AMVLP), independently of their electricity supplier
SFFR	Static Firm Frequency Response	A NESO service where providers are paid to be available to respond in the event of a system frequency deviation below 49.7Hz
SIP	System Imbalance Price	The price applied to differences between contracted and delivered energy
SLD	Single Line Diagram	A schematic showing the electrical layout of a site and connections
SoC	State of Charge	The current level of stored energy in a battery
SP	Settlement Period	A 30-minute block used in the GB electricity market for measuring and settling energy generation and consumption
SPD	Satisfactory Performance Day	A day on which a capacity provider demonstrates compliance with Capacity Market obligations
SPEN	Scottish Power Energy Networks	Distribution Network Operator for Central & Southern Scotland and Merseyside/North Wales
SR	Slow Reserve	Slow Reserve is a NESO service primarily aimed at reacting to post-fault disturbances to restore energy imbalances to +/- 0.2Hz within 15 minutes of a loss event (generation or demand)
SSE	System Stress Event	A period of insufficient supply to meet demand
SSEN	Scottish and Southern Electricity Networks	Distribution Network Operator for Northern Scotland and Central Southern England
UKPN	UK Power Networks	Distribution Network Operator for London, the South East and East of England

VLP	Virtual Lead Party	An aggregator that participates in the Balancing Mechanism with customers' assets without being their electricity supplier
VTP	Virtual Trading Party	An aggregator that participates in the wholesale electricity market with customers' assets without being their electricity supplier. This role was introduced by Elexon's P415 BSC code modification.





Head Office

Flexitricity Limited
Mainpoint
102 West Port
Edinburgh
EH3 9DN

0131 221 8100
info@flexitricity.com