

Term	Category	Definition Items in bold are other definitions also in this table – clicking on the link will take you to the correct page for the definition
Aggregation	Services (General)	The ability to deliver a Flexibility Service from a portfolio of one or more DERs to a Flexibility Market .
Aggregator	Market Actors	A Market Actor who aggregates the Flexibility from a portfolio of DERs that are too small to enter a Flexibility Market in their own right, or whose owners do not wish to access the Flexibility Market directly.
Approval Test	Services (Technical)	A test to determine whether the DER can deliver a specific Flexibility Service .
Availability Status	Assets & Availability	The status of the DER , being either Available or Unavailable .
Available	Assets & Availability	Indicates a DER is able to deliver a Flexibility Service during a Service Window should a Utilisation Instruction be issued.
Balance Responsible Party	Market Actors	A Market Actor responsible for the financial consequences if the metered level of electricity for a portfolio is different from the forecast level of electricity in a Settlement Period . The portfolio can include Demand , Demand Assets , Generation and Storage DERs and purchases or sales of electricity.
Baseline	Services (General)	The forecast of the Demand or Generation for a DER submitted prior to the Settlement Period in which the Flexibility Service is delivered.
Baseline Methodology	Services (General)	The method for comparing the Metering Point data to the Baseline to determine the Flexibility delivered by a DER .
Community Energy Scheme	Market Actors	A collection of individuals or businesses that emphasises local engagement, local leadership and control. The group benefits from collective action to reduce, purchase, manage or generate energy.
Connection Agreement	Connection & Constraints	An agreement for a Site to connect to the Distribution Network or Transmission Network which includes the Maximum Import Capacity (MIC) and / or Maximum Export Capacity (MEC) .
Constrained Connection	Connection & Constraints	A Connection to a Site where a proportion of the MIC and / or MEC can be interrupted by the DNO when there is an active Constraint in exchange for a quicker and / or cheaper connection to the Distribution Network . A Constrained Connection is also called an Export Limited Connection or Flexible Connection .
Constraint	Connection & Constraints	A restriction on the Distribution Network or Transmission System to transport the desired electricity flow in a defined area due to equipment limitations which may vary with the level of Demand or Generation .
Constraint Management Service Provider	Market Actors	A Market Actor who contracts with the ESO or DSO to provide constraint management services.

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Consumer (Domestic)	Market Actors	Domestic premises where the people living or working in it collectively consume electricity, e.g. Demand is more than Generation (which may be zero). The electricity meter will usually have an MPAN with Profile Class 01 or 02.
Consumer (non-Domestic)	Market Actors	Non-domestic premises where the people living or working in it collectively consume electricity, e.g. Demand is more than Generation . The electricity meter will usually have an MPAN with Profile Class 00, 03, 04, 05, 06, 07 or 08.
Demand	Assets & Availability	The electricity consumption or usage of an item of plant, appliance, machinery, equipment or property.
Demand Asset	Assets & Availability	A DER that can change its Demand following a Utilisation Instruction to deliver a Flexibility Service .
Demand Response	Assets & Availability	Modifying generation and/or consumption patterns in reaction to an external signal to provide a service within the energy system.
Discretionary Flexibility Service	Services (General)	The delivery of a Flexibility Service by a DER either (i) during a Discretionary Service Period or (ii) that requires a change in the level of Flexibility to be delivered compared to the Utilisation Instruction .
Discretionary Service Period	Services (Times & Duration)	The delivery of a Flexibility Service by a DER outside of a Service Window (which may include an extension of the relevant Service Window).
Discretionary Utilisation Instruction	Services (General)	A request to deliver a Discretionary Flexibility Service .
Distributed Energy Resource, DER	Assets & Availability	A Demand Asset , Generation asset or Storage asset connected to the Distribution Network that may be able to provide Flexibility .
Distributed Generation	Assets & Availability	A Generation asset on a Site connected to a Distribution Network or an independent distribution network. Also referred to as Embedded Generation .
Distribution Network	Network & Operators	A network that carries electricity from the Transmission System/Network and Distributed Generation / Embedded Generation to industrial, commercial and domestic users and operates at 132kV and below (England and Wales) or below 132kV (Scotland).
Distribution Network Operator, DNO	Network & Operators	The organisation that owns, operates and maintains the Distribution Network in one of 14 regional areas that delivers electricity to industrial, commercial and domestic users on behalf of Electricity Suppliers .
Distribution System Operation, DSO	Network & Operators	The functions and services needed to run a smart electricity distribution network in the interests of all Consumers / Prosumers. DSO functions will be delivered by a range of parties.

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Dynamic Service	Market & Auction	A Flexibility Service that delivers Flexibility after an unplanned outage or fault has occurred.
Electricity Network	Network & Operators	The Distribution Network owned and operated by the Distribution Network Operators and the functions and responsibilities of the Distribution System Operator .
Electricity Supplier	Market Actors	A Market Actor that buys electricity or Generation that has to be transported on the Transmission System and /or Distribution System/Network for delivery to industrial, commercial and domestic users.
Electricity System	Network & Operators	The Transmission System owned and operated by the transmission operators and includes the balancing responsibilities of the Electricity System Operator .
Electricity System Operator, ESO	Network & Operators	The Market Actor with the responsibility for the minute-to-minute operation of the Transmission System and transmission network, ensuring it is balanced and stable.
Embedded Generation	Assets & Availability	A Generation asset on a Site connected to a Distribution Network or an independent distribution network. Also referred to as Distributed Generation .
Export Limited Connection	Connection & Constraints	A Connection to a Site where a proportion of the MIC and / or MEC can be interrupted by the DNO when there is an active Constraint in exchange for a quicker and / or cheaper connection to the Distribution Network . An Export Limited Connection is also called a Constrained Connection or Flexible Connection .
Flexibility	Services (General)	Changing the generation and/or consumption pattern of a DER in reaction to an instruction to deliver a Flexibility Service .
Flexibility Market	Market & Auction	A market where Flexibility is traded between buyers and sellers, usually a Local Market , Regional Market or National Market .
Flexibility Service	Services (General)	A service that delivers Flexibility from a DER within a Zone .
Flexible Connection	Connection & Constraints	A Connection to a Site where a proportion of the MIC and / or MEC can be interrupted by the DNO when there is an active Constraint in exchange for a quicker and / or cheaper connection to the Distribution Network . A Flexible Connection is also called a Constrained Connection or an Export Limited Connection .
Free Bid	Services (General)	The ability of a Market Actor to offer Flexibility to a Flexibility Market on an ad hoc basis without a contractual obligation to do so.
Generation	Assets & Availability	The electricity generated or produced by a DER .

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Grid Supply Point	Network & Operators	The interface between the Transmission System and Distribution Network .
Independent Distribution Network Operator, IDNO	Network & Operators	A licenced party who owns, operates and maintains a private distribution network directly connected to the Distribution Network or indirectly via another IDNO.
Intertrip	Connection & Constraints	A system or process to disconnect a Site from the Transmission System or Distribution Network in very short timescales when a specific event occurs.
Last In First Off, LIFO	Connection & Constraints	A process of allocating network capacity in an area with a Constraint on the Distribution Network based on the order in which they applied for connection. When there is a Constraint , the MIC / MEC of the most recent customers is reduced more than customers connected earlier.
Local Market	Market & Auction	A market for Flexibility Services where Flexibility is required to be delivered to one or more substations within a Distribution Network .
Market Actors	Market Actors	Roles that act or participate in the GB electricity market.
Maximum Export Capacity, MEC	Connection & Constraints	The maximum amount of electricity (measured by the MPAN) that can be exported to the Distribution Network as specified in the Connection Agreement for the Site .
Maximum Import Capacity, MIC	Connection & Constraints	The maximum amount of electricity (measured by the MPAN) that can be imported from the Distribution Network as specified in the Connection Agreement for the Site .
Meter	Services (Technical)	A device that measures the amount of electricity passing through a given point, e.g. MPAN .
Metering Point	Services (Technical)	The point at which the Flexibility of a DER is measured, being the MPAN or a meter installed local to the DER .
MPAN	Services (Technical)	Stands for Meter Point Administration Number. A unique 21 digit reference to identify the location of a meter on the Distribution Network .
National Market	Market & Auction	A market for trading Flexibility Service nationally.
Outage	Services (Technical)	Also sometimes called a power cut, a power out, a power blackout, a power failure, a power loss, or a blackout. The loss of the electrical power network supply.

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Peer-to-Peer (P2P) Services	Services (General)	Flexibility Services traded between Market Actors (but not the DNO , DSO or ESO although any one of these entities may facilitate the trade), e.g. Offsetting where Flexibility in a Zone is delivered from Demand ahead of the same level of increase of Generation that would exceed the MEC for that Site .
Prosumer (Domestic)	Market Actors	Domestic premises where the people living or working in it collectively; (i) consume and produce electricity at different times and (iii) produce electricity e.g. has Generation . The electricity meter will usually have an MPAN with Profile Class 01 or 02.
Prosumer (non-Domestic)	Market Actors	Non-domestic premises where the people living or working in it collectively; (i) consume electricity, e.g. Demand is more than Generation (which may be zero) (ii) consume and produce electricity at different times and (iii) produce electricity, e.g. Generation is more than Demand (which may be zero). The electricity meter will usually have an MPAN with Profile Class 00, 03, 04, 05, 06, 07 or 08.
Ramp Down Time	Services (Technical)	The time for the DER to remove the Service Capacity at the end of delivering a Flexibility Service and return to its original operating state.
Re-Bound Effect	Services (Technical)	A Demand increase that some Demand Assets experience after the delivery of a Flexibility Service . This normally applies to Demand Assets with thermal characteristics, e.g. air conditioning systems or swimming pools which can increase their Demand as they seek to return to normal operating temperatures.
Re-dispatch	Services (General)	An action the DNO takes to neutralise the energy balance of a Utilisation Instruction within the Zone which may involve a DER outside the Zone.
Regional Market	Market & Auction	A market for Flexibility Service that is not a National Market or a Local Market and which may extend over one or more Distribution Network and / or an area of the Transmission System .
Restore Service	Market & Auction	A Flexibility Service that uses Flexibility to support restoration of part or all of one or more Distribution Network or Transmission System following a planned or unplanned outage .
Scaling Factor	Services (Technical)	The revision of the Meter data from a DER to provide the relative contribution to the delivery of a Flexibility Service at the Constraint based on the location of the DER .
Secure Service	Market & Auction	A Flexibility Service that delivers Flexibility to address an emerging issue that could result in an unplanned outage or an event if not addressed.
Service Capacity	Services (General)	The Flexibility of a DER that can be used to deliver a Flexibility Service during a Service Window (subject to the Availability Status).

Term	Category	Definition
Service Recovery Time	Services (Times & Duration)	Items in bold are other definitions also in this table – clicking on the link will take you to the correct page for the definition The period after the Ramp Down Time or the end of delivery of a Flexibility Service before the DER can be used to deliver another (or the same) Flexibility Service .
Service Response Time	Services (Times & Duration)	The time for a DER to achieve a level of Flexibility and start delivering the Service Capacity .
Service Stacking	Services (General)	The ability to use a DER to deliver more than one Flexibility Service within the same or adjacent Settlement Periods , provided it does not interfere with the delivery of the Flexibility Service .
Service Window	Services (Times & Duration)	The period during which a DER commits to deliver a Flexibility Service in accordance with a Utilisation Instruction .
Settlement Party	Market Actors	The Market Actor responsible for determining the level of Flexibility Service delivered and for settling invoices for the Flexibility Service .
Settlement Period	Services (Times & Duration)	A period of 30 minutes beginning on the hour or the half-hour. Settlement Periods are defined in the Balancing and Settlement Code and are used to compare a company's contracted (traded) volume with the metered volume of energy used in the Settlement Period.
Site	Connection & Constraints	The location of a DER .
Smart Grid	Network & Operators	Distribution Network that can intelligently integrate the behaviour and actions of all users and DER connected to it in order to efficiently deliver sustainable, economic and secure electricity supplies.
Storage	Assets & Availability	An item of plant, machinery or equipment that puts Demand on the network (when charging) or Generation (when discharging) such as a battery.
Sustain Service	Market & Auction	A Flexibility Service that delivers Flexibility to address a forecasted need to prevent a critical asset (such as transformer) becoming overloaded.
System Security Issue	Connection & Constraints	A major risk to the integrity of the Electricity System or Electricity Network which could result in the breach of security criteria on the Electricity System and/or Electricity Network . A breach of security criteria includes any unacceptable conditions including unacceptable overloading, unplanned outage or voltage collapse. These include a credible loss of one critical circuit or item of equipment (N-1 Loss) and a credible loss of two critical circuits or items of equipment (N-2 Loss).

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Trade	Market & Auction	A P2P Service that includes a number of transactions over a period of time, e.g. same group of Settlement Periods every day for one month.
Transaction	Market & Auction	A single occurrence of a P2P Service, e.g. Settlement Period , group of Settlement Periods or one day.
Transmission Network	Network & Operators	The three regional transmission networks that transport electricity between large Generation stations and Grid Supply Points .
Unavailability Notification	Assets & Availability	A notification to the Distribution Network Operator stating when a DER will be Unavailable .
Unavailable	Assets & Availability	Indicates a DER is not available to deliver a Flexibility Service during a Service Window should a Utilisation Instruction be issued.
Unmetered Connection	Connection & Constraints	A connection to the Distribution Network that does not have a Meter where the electricity demand is the number of Demand points multiplied by the consumption of those Demand points, e.g. street lighting.
Utilisation Instruction	Services (General)	An instruction to deliver a Flexibility Service .
Voltage of Connection	Connection & Constraints	The voltage at which the MPAN is metered.
Vulnerable domestic customer	Market Actor	Energy customers significantly less able than 'typical customers' to protect or represent their interests in the energy market, as consumer or prosumers with assets that allow them to participate in flexibility provision. They are more likely to suffer detriment, or that detriment is likely to be more substantial. The vulnerability may arise from poor health (physical or mental), visual, audio or other communication difficulties, caring responsibilities, old age, fuel poverty or low income.
Vulnerable domestic customer (temporary)	Market Actor	A temporarily vulnerable domestic customer is vulnerable due to a life event or sudden change in circumstances such as having just left hospital after an operation, dealing with the loss of a loved one or going through a family crisis. SSEN have a separate code for, such customers. http://news.ssen.co.uk/news/all-articles/2017/08/understanding-and-responding-to-customer-needs/
Vulnerable non-domestic customer	Market Actor	A non-domestic customer is considered vulnerable if a power outage would lead to serious consequences for the service it provides or the activities it relies upon to remain in business. Examples would be hospitals and emergency services, laboratories and care homes.

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Whole System	Network & Operators	<p>Items in bold are other definitions also in this table – clicking on the link will take you to the correct page for the definition</p> <p>The consequences of an operational or investment decision can be considered in terms of the effect on the whole electricity network, not just transmission or distribution networks in isolation from all the equipment connected to the network. This may apply to:</p> <p>the whole electrical system encompassing both transmission or distribution networks, plus all the equipment connected to the networks including generators, demand devices, reactive compensation, energy storage; or</p> <p>all aspects of the energy system including the whole electricity system (transmission or distribution networks), the gas system, fuel transporting and infrastructure, heat networks, and more.</p>
Zone	Connection & Constraints	The location where the Flexibility Service is required to mitigate the identified Constraint on the Distribution Network .