

| Term                                      | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                   | Related Term(s) |
|-------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Active Energy                             | AE      | The electrical energy produced, flowing or supplied by an electric circuit during a time interval, being the integral with respect to time of instantaneous Active Power, measured in units of watt-hours or standard multiples thereof.                                                                                                                                                                                                     |                 |
| Advanced Data Service                     | ADS     | The Advanced Data Service is the „Qualified“ service that provides the Advanced Retrieval and Processing Service (ARP)                                                                                                                                                                                                                                                                                                                       |                 |
| Advanced Market Segment                   |         | The Advanced Market Segment is the Market Segment where Settlement Level Period data is collected for Settlement purposes from Advanced Meters. For the avoidance of doubt where the Advanced Meter communications are faulty, the Advanced Meter would remain in this Market Segment, processed by the Advanced Retrieval and Processing Service (ARP). The communications „fault would be fixed by the Advanced Metering Service (MSA).    |                 |
| Advanced Meter                            |         | The electricity supply licence defines an Advanced Meter as electricity Meter that, either on its own or with an ancillary device, and in compliance with the requirements of any relevant Industry Code:<br>a) Provides measured electricity consumption data for multiple time periods, and is able to provide such data for at least half-hourly time periods; and<br>b) Is able to provide the licensee with remote access to such data. |                 |
| Advanced Retrieval and Processing Service | ARP     | The Advanced Retrieval and Processing Service (ARP) is the service that retrieves and processes Settlement Period Level data from Advanced Meters that are in the Advanced Market Segment.                                                                                                                                                                                                                                                   |                 |
| Annualised Advance                        | AA      | Rate of consumption between two meter readings.                                                                                                                                                                                                                                                                                                                                                                                              | EAC             |
| Application Program Interface             | API     | A set of definitions and protocols for building and integrating application software                                                                                                                                                                                                                                                                                                                                                         |                 |
| Architecture Working Group                | AWG     | The Architecture Working Group is an Elexon-chaired group of industry experts developing, consulting on and recommending solutions for the system architecture design required to enable the Target Operating Model (TOM) designed by the Design Working Group (DWG).                                                                                                                                                                        |                 |
| Association for Project Management        | APM     | Promotes the disciplines of project management and programme management in the UK                                                                                                                                                                                                                                                                                                                                                            |                 |
| Auxiliary Load Control Switch             | ALCS    | Variant smart electricity meters (including five terminal meters) have an auxiliary load control switch (ALCS) integrated as part of the meter that can switch the electricity supply to the devices connected to it on or off generally triggered by time or a signal/instruction to switch.                                                                                                                                                | HCALCS          |
| Balancing and Settlement Code             | BSC     | The Legal document setting out the rules for the operation and governance of the Balancing. Mechanism and Imbalance Settlement. All licensed electricity generators and suppliers in Great Britain must sign up to the BSC and other interested parties may also choose to do so.                                                                                                                                                            |                 |
| Balancing and Settlement Code Company     | BSCCo   | A not for profit organisation responsible for managing the provision of the necessary central systems and services to give effect to the BSC rules and for managing the governance processes. Elexon is known as the Balancing and Settlement Code Company, and they administer the Balancing and Settlement Code.                                                                                                                           |                 |
| Balancing and Settlement Code Panel       |         | The Balancing and Settlement Code (BSC) Panel is established and constituted pursuant to and in accordance with Section B of the BSC. It is responsible for ensuring that the provisions of the BSC are given effect fully, promptly, fairly, economically, efficiently, transparently and in such a manner as will promote effective competition in the generation, supply, sale and purchase of electricity.                               |                 |
| Balancing and Settlement Code Procedures  | BSCP    | Balancing and Settlement Code Procedures (BSCPs) are a type of Code Subsidiary Documents (CSDs) used under the BSC that set out procedures relating to Settlement activities.                                                                                                                                                                                                                                                                |                 |
| Balancing Mechanism                       | BM      | The means by which the National Grid ensures that the level of demand on the transmission system is met by the amount of electricity being supplied in real time. It does this through paying / charging generators and / or consumers to either increase or decrease their generation / consumption.                                                                                                                                        |                 |

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| Balancing Mechanism Unit                    | BMU     | Balancing Mechanism Units (BMU) are used as units of trade within the Balancing Mechanism. Each BMU accounts for a collection of plant/apparatus and is considered the smallest grouping that can be independently controlled. It can relate to metering at a physical site or be a non-physical grouping of Metering Systems for a Balancing Responsible Party (BRP) (or other party such as flexibility aggregators) within a region. As a result most BMUs contain either a generating unit or a collection of consumption Meters. Any energy produced or consumed by the contents of a BMU is accredited to that BMU. |                 |
| Balancing Responsible Party                 | BRP     | The Balancing Responsible Party is used in these requirements to refer to the future party that provides the role currently undertaken by the Supplier. This could potentially be a bundled services company where the provision of electricity is only one of the services provided.                                                                                                                                                                                                                                                                                                                                     |                 |
| Best and Final Offer                        | BAFO    | Within procurement processes, when tenderers are shortlisted, they are typically asked to provide a BAFO as a final offer to take into final evaluation and selection of the preferred bidder.                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| British Summer Time                         | BST     | Time as advanced one hour ahead of Greenwich Mean Time for daylight saving in the UK between March and October                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| BSC P413                                    |         | Means the Modification approved by Ofgem for Market-wide Half Hourly Settlement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| Bundling/Bundle                             |         | Combining of, or a combination of, a number of different products or services into one unit for sale.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Business As Usual                           | BAU     | Normal operating circumstances                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| Business Continuity and Disaster Recovery   | BCDR    | A set of processes and techniques used to help an organisation recover from a disaster and continue or resume routine business operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Business Process Requirements Working Group | BPRWG   | MHHS Level 4 governance group - responsible for developing the business process designs required by the TOM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| Capability Maturity Model Integration       | CMMI    | A process and behavioural model that helps organisations streamline process improvement and encourage productive, efficient behaviours that decrease risks in software, product, and service development                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |
| Categories                                  |         | A set of categories defined for which Load Shapes are to be provided by the Load Shaping Service (LSS) in the MHHS TOM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Categorisation                              |         | The process of mapping MPANs to categories for Load Shaping processes in the MHHS TOM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Central Data Collection Agent               | CDCA    | The Central Data Collection Agent as the BSC Agent that collects Meter data from Central Volume Allocation (CVA) registered Metering Systems.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
| Central Parties                             |         | Means Elexon central systems, DCC, the DIP service provider and Electralink in providing the DTN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| Central Programme Team                      | CPT     | CPT is the leadership team of the LDP managing the day-to-day delivery of the MHHS Programme and providing Elexon (SRO/IM) with advice and support on the most effective approach to delivery                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
| Central Switching Service                   | CSS     | The Central Switching Service is expected to come into operation in Q2 2022, it will take on responsibility for all gas and electricity change of supplier activity. The CSS will manage switch requests, objections, and will update the appropriate registration system(s) once a change of supplier has been secured.                                                                                                                                                                                                                                                                                                  |                 |
| Central Volume Allocation                   | CVA     | Central Volume Allocation refers to the allocation of active energy from:<br>a) BM Units other than Interconnector BMUs and BRP BMUs;<br>b) Interconnectors;<br>c) Grid Supply Points; and<br>d) GSP Groups.                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
| Change of Agent                             | CoA     | A business process where a supplier changes one of its appointed agents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Change of Measurement Class                 | CoMC    | Process used in SVA to change the measurement class of a metering point                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Change of Supplier                          | CoS     | Describes the activities that take place when an electricity consumer switches between retail suppliers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |

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| Change Request                    | CR      | A formal change raised against the MHHS Programme and processed in accordance with the MHHS Programme change management process.                                                                                                                                                                                                 |                 |
| Code Change and Development Group | CCDG    | The Code Change and Development Group is an Elexon-chaired group of industry experts developing the further detailed areas of the TOM design as well as identifying and overseeing the drafting of the changes needed to the affected industry codes and subsidiary documents required to implement the TOM.                     |                 |
| Code Subsidiary Document          | CSD     | Code Subsidiary Documents (CSDs) sit under the BSC that set out more detail on the requirements of the BSC and can be changed from time to time in accordance with BSCP40.                                                                                                                                                       |                 |
| Commercial Off-the-Shelf          | COTS    | Software and hardware that already exists and is available from commercial sources                                                                                                                                                                                                                                               |                 |
| Comms hub                         | CH      | The comms hub is the piece of hardware installed alongside a smart meter that allows for the transmission of data between the meter and the Data and Communications Company (DCC).                                                                                                                                               |                 |
| Comms hub firmware                | CHF     | The comms hub is the piece of hardware installed alongside a smart meter that allows for the transmission of data between the meter and the Data and Communications Company (DCC). The firmware is the permanent software installed on the comms hub.                                                                            |                 |
| Competition and Markets Authority | CMA     | The Competition and Markets Authority is the competition regulator in United Kingdom. It is a non-ministerial government department in the United Kingdom, responsible for strengthening business competition and preventing and reducing anti-competitive activities                                                            |                 |
| Connection and Use of System Code | CUSC    | The Connection and Use of System Code is the contractual framework for connecting to and using the National Electricity Transmission System (NETS)                                                                                                                                                                               |                 |
| Consumption Component Class       | CCC     | A classification of half hourly Consumption which comprises one element from each of a number of categories e.g. Measurement Quantity, Consumption or Losses                                                                                                                                                                     |                 |
| Continual Service Improvement     | CSI     | Uses methods from quality management in order to learn from past successes and failures                                                                                                                                                                                                                                          |                 |
| Contracts for Difference          | CfD     | A government scheme which incentivises investment in renewable energy by giving developers of projects with high upfront costs, long lifetime protection from volatile wholesale prices.                                                                                                                                         |                 |
| Coordinated Universal Time        | UTC     | Coordinated Universal Time or UTC is the primary time standard by which the world regulates clocks and time                                                                                                                                                                                                                      |                 |
| Critical Peak Price tariff        | CPP     | These tariffs are generally comprised of flat price periods on most days but for a number of extreme peak days in the year, prices for specified periods within each day are far higher (usually 5-20 days that in a given year that are due to system stress periods).                                                          |                 |
| Critical Peak Rebate tariffs      | CPR     | CPR tariffs mirror CPP tariffs except that with CPR the consumer can get a rebate for load reductions during a specific period on relevant days relative to an estimated baseline consumption level. Those who cannot reduce demand will not pay any more for consumption during the peak period, while those who can will save. |                 |
| Cross Code Advisory Group         | CCAG    | The CCAG role is to oversee the development, management and implementation of MHHS Programme related Code changes to all MHHS impacted Codes to ensure Code reflects how the new MHHS TOM process and systems operate.                                                                                                           |                 |
| Current Transformer               | CT      | A CT is used to measure the current of another circuit. A CT is designed to produce an alternating current in its secondary winding that is proportional to the current that it is measuring in its primary. In the context of MHHS a CT Metering System is one that is connected via a CT.                                      |                 |
| Cutover                           |         | The point by which all Meter Point Administration Numbers (MPANs) must be being settled on the new settlement timetable delivered by the MHHS Programme.                                                                                                                                                                         |                 |

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| Daily Advance Estimate            | DAE     | The Daily Advance Estimate (DAE) is the consumption or export value used by a Processing Service (Smart) (PSS) in the MHHS TOM, in estimating Settlement Period level data, where a Meter Advance is not available. It is a value derived for each MPAN based on the latest available meter advance divided by the number of days in the Meter Advance. It could also be a default value where no Meter Advance is available for an MPAN.                 |                 |
| Daily Profile Production          | DPP     | For each Settlement Day, the SVA System produces the Settlement Period Profile Data and Time Regime Data required to run the Supplier Volume Allocation (SVA) part of the SVA System, the Daily Profile Totals to pass to the Non Half Hourly Data Collectors and the Profiling Reports to pass to the Suppliers and Non Half Hourly Data Collectors                                                                                                      |                 |
| Data Access and Privacy framework | DAPF    | The Government's data access and privacy policy framework determines the levels of access to energy consumption data from smart meters that suppliers, network operators and third parties have. It also establishes the purposes for which data can be collected and the choices available to consumers. The provisions of the DAPF are enacted through the Supply Licence Conditions (SLCs) and the Smart Energy Code (SEC).                            |                 |
| Data Aggregator                   | DA      | As part of the settlement process, a DA is a party appointed by an electricity supplier in accordance with Section S of the BSC, responsible for receiving data from the data collector, validating and providing reports and maintain relevant standing data. The DA enters data into the relevant aggregation system, aggregates the metered data into MWh in the relevant aggregator system and provides this to the Supplier Volume Allocation Agent. | HHDA, NHHDA     |
| Data and Communications Company   | DCC     | The DCC is the company that manages the data and communications to and from smart meters.                                                                                                                                                                                                                                                                                                                                                                 | Smart DCC       |
| Data Collector                    | DC      | As part of the settlement process, a DC is a party appointed by an electricity supplier in accordance with Section S of the BSC, responsible for collecting, validating and estimating data (as required). Provides reports and maintains relevant standing data.                                                                                                                                                                                         | HHDC, NHHDC     |
| Data Exchange service             | DES     | Data exchange service which will replace the Data Transfer Network (updated reference is now DIP). DES is also the acronym for the Data Enquiry Service provided by Xoserve in the gas market, which is one of the reasons for the change to DIP to minimise confusion.                                                                                                                                                                                   | DIP             |
| Data Integration Platform         | DIP     | Event Driven Architecture data exchange solution being procured and implemented by the MHHS Programme.                                                                                                                                                                                                                                                                                                                                                    | DES             |
| Data Protection Impact Assessment | DPIA    | A Data Protection Impact Assessment (DPIA) is a tool to help organisations find the most effective ways of complying with data protection obligations and meet individuals' expectations of privacy. To date, we have published two iterations of our Settlement Reform DPIA. We are publishing an addendum to version 2 alongside the FBC.                                                                                                               |                 |
| Data Service Provider             | DSP     | DCC System managing communications with Smart Meters                                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Data Transfer Catalogue           | DTC     | Schema defining the messaging format for the Data Transfer Network                                                                                                                                                                                                                                                                                                                                                                                        |                 |
| Data Transfer Network             | DTN     | An information exchange platform which allows participants in the electricity, gas and water markets to exchange information about their customers, enabling processes such as settlement and a customer changing supplier. The DTN is hosted by ElectraLink.                                                                                                                                                                                             | DTS             |
| Data Transfer Service             | DTS     | The service to provide the DTN, provided by Electralink.                                                                                                                                                                                                                                                                                                                                                                                                  | DTN             |
| Data Transfer Service Agreement   | DTSA    | The multi-party agreement which sets out the obligations for the provision of the DTS                                                                                                                                                                                                                                                                                                                                                                     | DTS             |
| DCC User Interface Specification  | DUIS    | DCC User Interface Specification (DUIS) is the specification the document that set out in the communications interface designed to allow the communications with smart Meters. The DUIS sets out valid Service Request types and the data items returned for each request type.                                                                                                                                                                           |                 |
| De-Minimus Value                  | DMV     | The DMV is the value set out in ISD below which the LSS is required to undertake a default calculation.                                                                                                                                                                                                                                                                                                                                                   |                 |
| Demand Disconnection Event        | DDE     | An event where the ESO has disconnected specific Metering Systems due to a constraint. A calculation is required in Elexon Central Services to adjust Suppliers' Imbalance positions following the event.                                                                                                                                                                                                                                                 |                 |

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| Demand-side response                                   | DSR     | Actions taken by consumers to change the amount of energy they take off the grid at particular times in response to a signal, such as price.                                                                                                                                                                                                    | DER             |
| Department for Business, Energy and Industrial Strateg | BEIS    | Government department with responsibility for energy                                                                                                                                                                                                                                                                                            |                 |
| Design Advisory Group                                  | DAG     | The DAG,Ãs role is to oversee, review, consult and approve, the MHHS Programme development of the end-to-end business processes, system and data architecture that delivers the detailed system design that enables all programme participants to design, build and test their individual system and business changes.                          |                 |
| Design Build Test                                      | DBT     | Design Build Test phase of the MHHS Programme                                                                                                                                                                                                                                                                                                   |                 |
| Design Working Group                                   | DWG     | The Design Working Group is an Elexon-chaired group of industry experts who worked to design the Target Operating Model (TOM) and high-level transition approach for Marketwide Half-Hourly Settlement. The DWG has been succeeded by the Architecture Working group and Code Change and Development Group.                                     |                 |
| Device ID                                              |         | The Device ID is the unique identifier associated with each smart Meter serviced by the DCC, reference also ESME GUID                                                                                                                                                                                                                           |                 |
| Direct load control tariff                             |         | A tariff where the consumer pays a lower than average flat rate but in return agrees to some direct load control by their supplier at specific time periods when load is turned down. The consumer would need a smart device installed which would be remotely operated by the supplier with customer consent or with their manual involvement. |                 |
| Discount Rate                                          |         | Discount rate is the annual percentage rate at which the present value of future monetary values are estimated to decrease over time.                                                                                                                                                                                                           |                 |
| Discounting                                            |         | Discounting is a technique used to compare costs and benefits occurring over different periods of time.                                                                                                                                                                                                                                         |                 |
| Disputes (post-final) settlement run                   | DF      | An additional reconciliation run that can be applied to address imbalances following the resolution of disputes                                                                                                                                                                                                                                 |                 |
| Distributed Energy Resource                            | DER     | Refers to a variety of resources (e.g. demand response, generation, storage) available to trade energy resources or provide services such as balancing and flexibility to network operators.                                                                                                                                                    |                 |
| Distributed Generation                                 | DG      | Refers to a variety of technologies that generate electricity at or near where it will be used, such as solar panels and combined heat and power                                                                                                                                                                                                |                 |
| Distributed ledger technology                          |         | Distributed ledger technology enables a digital system in which records are held to be simultaneously maintained at multiple points throughout a network. Updates made to the ledger by a single party are replicated across all the ledgers. Transactions and changes are visible to all parties.                                              |                 |
| Distribution Connection and Use of System Agreement    | DCUSA   | The Distribution Connection and Use of System Agreement (DCUSA) is a multi-party contract between licensed electricity distributors, suppliers and generators in Great Britain concerned with the use of the electricity distribution system                                                                                                    |                 |
| Distribution Network Operators                         | DNO     | DNO is the REC and SEC defined term<br><br>DNOs own, operate and maintain the distribution networks. They do not sell electricity to consumers, this is done by the electricity suppliers. There are 14 licensed DNOs in Britain, and each is responsible for a regional distribution services area.                                            | iDNO, DSO, LDSO |

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| Distribution System Operator                            | DSO       | DSO is the BSC defined term<br><br>Means - Licensed Distribution System Operator or any other Party which distributes electricity<br><br>DSO is also a term used more widely in industry to mean a DNO who is taking a more forward-looking approach to distribution system balancing and the associated procurement of distribution level balancing services. | DNO, LDSO       |
| Distribution Use of System                              | DUoS      | DUoS is the charge applied to Suppliers payable to DNOs to pay for maintaining the local electricity distribution network infrastructure including the cables, substations, poles, and transformers.                                                                                                                                                           |                 |
| Distributional impacts                                  |           | The impact of a project across a range of consumer types in terms of the costs and benefits that accrue to specific categories of consumer groups.                                                                                                                                                                                                             |                 |
| Dual fuel                                               |           | Gas and Electricity being supplied to/exported from the same location and billed to a single energy supplier                                                                                                                                                                                                                                                   |                 |
| DURABILL                                                |           | The Distribution Use of System billing system, used for charging users of the electricity distribution networks in the GB market. The system is provided by St Clements.                                                                                                                                                                                       |                 |
| Dynamic ToU tariffs                                     |           | A dynamic time-of-use tariff is one that provides for price or pricing structures for consumers to vary at short notice their energy usage, in response to market events, (subject to contractual terms with the BRP).                                                                                                                                         |                 |
| Economy 7 tariffs                                       | E7        | Economy 7 tariffs charge lesser rates during night and greater rates during the day (or peak) time. This tariff can be supported by smart meters or legacy specialised (and less advanced) Economy 7 meters (timeswitched meters).                                                                                                                             |                 |
| Electric vehicles                                       | EV        | Battery powered automobiles                                                                                                                                                                                                                                                                                                                                    |                 |
| Electricity Central On-line Enquiry Service             | ECOES     | Electricity Enquiry Service (EES) is also known as the Electricity Central Online Enquiry Service (ECOES). The EES is a service funded by electricity suppliers and distributors and governed under the Retail Energy Code (REC). EES was designed to assist suppliers in the customer switching process by allowing the triangulation of data                 | EES             |
| Electricity Settlement Expert Group                     | ESEG      | The ESEG was an expert group of stakeholders convened by Ofgem with the objective of identifying options for using half-hourly data in settlement. Seven meetings took place between June and November 2014.                                                                                                                                                   |                 |
| Electricity Smart Metering Equipment Globally Unique ID | ESME GUID | This is the reference used to identify a specific electricity smart meter serviced by the DCC. Created so as to remove any ambiguity associated with the term „Device ID“ (e.g. Gas Meter, Comms Hub).                                                                                                                                                         |                 |
| Electricity supplier                                    |           | A company licensed by Ofgem to sell electricity to and bill customers in Great Britain.                                                                                                                                                                                                                                                                        |                 |
| Electricity System Operator                             | ESO       | ESO is the System Operator for the electricity transmission system in Great Britain, with responsibility for making sure that electricity supply and demand stay in balance and the system remains within safe technical and operating limits.                                                                                                                 |                 |
| Elxon                                                   |           | Elxon (as BSC Co) is the organisation responsible for administering the BSC and provide and procure the services needed to implement it. The role, powers, functions and responsibilities of Elxon are set out in Section C of the BSC.                                                                                                                        |                 |
| EMR Settlement Limited                                  | EMRS      | a wholly owned subsidiary of Elxon Limited set-up as the service provider to operate under the BSC and for Contracts for Difference (CfD) and Capacity Market (CM) schemes.                                                                                                                                                                                    | CM, CfD         |
| End of migration                                        |           | The point in the MHHS Programme at which all Meter Point Administration Numbers (MPANs) have been migrated/adopted into the MHHS Target Operating Model (TOM).                                                                                                                                                                                                 |                 |
| End to End                                              | E2E       | Comprising the full scope of the changes being brought by the programme - often applied to a testing phase where users will prove their systems and processes                                                                                                                                                                                                  |                 |

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| Energy Data Task Force                           | EDTF    | The EDTF was commissioned by Government, Ofgem and Innovate UK to provide a set of recommendations on using data to maximise the opportunities for a decarbonised and decentralised energy system.                                                                                                                                                                                     |                 |
| Energy Market Data Hub                           | EMDH    | The centre for ElectraLink, the products and services and solutions and a platform they use to allow innovators to develop new products and services for the utilities industry.                                                                                                                                                                                                       |                 |
| Estimated Annual Consumption                     | EAC     | An estimated rate of consumption, nominally expressed in kWh/Year, that is currently used in settlement until an Annualised Advance (AA) is calculated                                                                                                                                                                                                                                 | AA              |
| Event Driven Architecture                        | EDA     | A software architecture paradigm promoting the production, detection, consumption of, and reaction to events                                                                                                                                                                                                                                                                           |                 |
| Export                                           |         | The transfer of electricity from a consumer and / or generator to the distribution grid.                                                                                                                                                                                                                                                                                               |                 |
| eXtensible Markup Language                       | XML     | Extensible Markup Language is a markup language and file format for storing, transmitting, and reconstructing arbitrary data                                                                                                                                                                                                                                                           |                 |
| Extra Settlement Determination                   | ESD     | Is a determination, outside Volume Allocation Runs and Settlement Runs, of Trading Charges (or adjustment and apportionment in respect thereof), required to be carried out by the Panel                                                                                                                                                                                               |                 |
| Faster Switching Programme                       | FSP     | The Faster Switching Programme is the Ofgem Significant Code Review initiative to deliver faster more reliable switching (of gas or electricity supplier) as a new industry standard.                                                                                                                                                                                                  |                 |
| Feed-in Tariffs                                  | FiT     | The Feed-in Tariffs (FiT) scheme is a government programme designed to promote the uptake of renewable and low-carbon electricity generation technologies. Introduced on 1 April 2010, the scheme requires participating licensed electricity suppliers to make payments on both generation and export from eligible installations. The scheme closed to new applicants in April 2019. |                 |
| Final Reconciliation Run                         | RF      | Is the last required Timetabled Reconciliation Settlement Run                                                                                                                                                                                                                                                                                                                          | SF,DF,II        |
| Flexibility                                      |         | Flexibility is about reducing loads on the network by using customers, the ability to change their usage patterns by either switching on generators or reducing consumption. Managing peak load through flexibility helps reduce costs to all customers because it means we don't have to invest in a permanent upgrade to meet a temporary spike in demand.                           |                 |
| Forecasting                                      |         | The activity undertaken by suppliers to predict the electricity demand of their customers in order to procure the amount that they require for supply.                                                                                                                                                                                                                                 |                 |
| Forward-Looking Charges                          |         | The elements of network charges that signal to users how their actions can either increase or decrease future network costs. They typically provide signals about the costs or benefits of locating at different points on the network (sometimes called 'locational charges') and/or of using the network at different times.                                                         |                 |
| Full Business Case                               | FBC     | The FBC is the final stage in the HM Treasury Green Book standard for business cases. For the MHHS Programme, it outlines a detailed economic assessment of the introduction of MHHS to complement the final Target Operating Model. It uses the commercial, financial and management cases to set out arrangements for implementation. It is informed by an Impact Assessment.        |                 |
| Full Time Equivalent                             | FTE     | Refers to the unit of measurement equivalent to an individual working full-time                                                                                                                                                                                                                                                                                                        |                 |
| General Data Protection Regulation (see UK GDPR) | GDPR    | See UK GDPR                                                                                                                                                                                                                                                                                                                                                                            | UK GDPR         |
| Globally Unique Identifier                       | GUID    | Term used by DCC - This is the reference used to identify a specific electricity smart meter serviced by the DCC. Created so as to remove any ambiguity associated with the term 'Device ID' (e.g. Gas Meter, Comms Hub).                                                                                                                                                              |                 |
| Great Britain Companion Specification            | GBCS    | The Great Britain Companion Specification (GBCS) for smart metering describes the detailed requirements for communications between smart metering Devices in consumers' premises, and between these Devices and users of the smart metering system (such as Energy Suppliers and Network Operators) via the Data and Communications Company (DCC).                                     |                 |

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| Green Book                                  |         | The Green Book is guidance issued by HM Treasury on how to appraise policies, programmes and projects. It also provides guidance on the design and use of monitoring and evaluation before, during and after implementation.                                                                                                                                                                                                                                                                                                        |                 |
| Grid Supply Point                           | GSP     | A Grid Supply Point (GSP) is a point at the boundary of Transmission and Distribution Networks, where Metering Systems measure import to, and export from, the Distribution Network.                                                                                                                                                                                                                                                                                                                                                |                 |
| Grid Supply Point Group                     | GSPG    | There are currently 14 GSP Groups consisting of: (i) the Distribution System(s) which are connected to the Transmission System at (and only at) Grid Supply Point(s) which fall within one Group of GSPs, and (ii) any Distribution System which: (1) is connected to a Distribution System in paragraph (i), or to any other Distribution System under this paragraph (ii), (2) is not connected to the Transmission System at any Grid Supply Point and the total supply into which is determined by metering for each half hour. |                 |
| Grid Supply Point Group Correction Factor   | GSP GCF | The mathematical adjustments made to the calculation of the total energy allocated to suppliers in each settlement period in each GSP Group, to ensure that it matches the energy entering the GSP Groups from the transmission system, adjoining GSP Groups and through embedded generation.                                                                                                                                                                                                                                       |                 |
| Grid Supply Point Group Take                | GSPGT   | GSP Group Take is the data provided to the Volume Allocation Service (VAS), by the CDCA, giving the net volume of energy within a GSPG for each Settlement Period.                                                                                                                                                                                                                                                                                                                                                                  |                 |
| Half Hourly Data Aggregator                 | HHDA    | Data Aggregation agent in the Half Hourly Market                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DA              |
| Half Hourly Data Collector                  | HHDC    | Data Collection agent in the Half Hourly Market                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DC              |
| Half Hourly Meter Operator                  | HHMO    | Meter Operator agent in the Half Hourly Market                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MOP             |
| Half Hourly Settlement                      | HHS     | Half Hourly Settlement (HHS) is the process that covers the services and governance procedures from the electricity meter to the imbalance settlement function (meter-to-bank process). This describes the processes of using half-hourly usage (and longer time periods of energy usage) data collected from an electricity meter for use in Imbalance Settlement.                                                                                                                                                                 |                 |
| HAN Connected Auxiliary Load Control Switch | HCALCS  | A device connected to a smart meter allowing a business to control a specific circuit.                                                                                                                                                                                                                                                                                                                                                                                                                                              | ALCS            |
| Heat-as-a-service                           | HaaS    | A type of business model which provides consumers with an agreed heating plan rather than consumers simply paying for units of fuel.                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Helix Project                               |         | The project name given to Elexon,Âs own internal activities to prepare for and implement MHHS across the processes and systems it is responsible for providing.                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Imbalance Settlement                        |         | Imbalance Settlement is the process for determining if the total energy produced or consumed by a participant in the electricity market (mainly a generator or supplier) matches with energy they have purchased/sold in the forward market. Any mismatches incur ,Âimbalance,Â charges; therefore participants are incentivised to match their contracted and actual positions                                                                                                                                                     |                 |
| Impact Assessment (IA)                      | IA      | An Impact Assessment is a tool to help explain the effects and impacts of regulatory proposals on consumers, industry participants, society and the environment.                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Implementation Advisory Group               | IAG     | The IAG,Âs role is to oversee and manage, the MHHS Programme plan and resolves implementation issues and tasks delegated from the PSG to ensure the Programme plan delivers to Programme timelines.                                                                                                                                                                                                                                                                                                                                 |                 |



| Term                                          | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Related Term(s) |
|-----------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Implementation Manager                        | IM      | <p>The Implementation Manager is a role taken on by Elexon as the BSCCo to implement the MHHS Programme. BSCCo shall:</p> <ul style="list-style-type: none"> <li>ensure that it maintains the service providers and personnel (with the necessary qualifications and experience), IT Systems and facilities necessary to enable it to perform its role as MHHS Implementation Manager</li> <li>ensure that it maintains the service providers and personnel (with the necessary qualifications and experience), IT Systems and facilities necessary to enable it to perform its role as MHHS Implementation Manager</li> <li>ensure that the service providers, personnel, IT Systems and facilities it uses to perform its role as MHHS Implementation Manager are sufficiently separated from those it uses as an MHHS Participant</li> <li>always remain responsible under this Code for the performance of the MHHS Implementation Manager roles prepare and make available to the Panel and to the MHHS Programme Steering Group regular reports in respect of BSCCo's activities as MHHS Implementation Manager, and the costs incurred as the MHHS Implementation Manager</li> </ul> |                 |
| Import                                        |         | The transfer of electricity from the grid to a consumer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Independent Distribution Network Operator     | IDNO    | IDNOs are licensed by Ofgem and are competitive providers of local distribution network services across Great Britain. IDNOs connect to the local distribution network or to the transmission network to serve new housing, commercial developments or to run existing networks. IDNOs are responsible for managing and operating their local networks, including all future maintenance and fault repairs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Independent Programme Assurer                 | IPA     | The Independent Programme Assurance provider (PWC) within the MHHS Programme will monitor and provide assurance that Elexon is complying with its obligations and will be responsible for identifying and reporting on issues relating to business separation and Elexon's conflict of interest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
| Industry Standing Data                        | ISD     | Industry Standing Data (ISD) is the data used by the Services to interpret the information relating to each Metering System. This data will include some of the data in the current Market Domain Data (MDD) and will have new standing data included.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Industry-led                                  |         | Responsibility for management and delivery of the implementation of Market Wide Half Hourly Settlement (MHHS) by Industry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Information Commissioner's Office             | ICO     | The Information Commissioner's Office (ICO) upholds information rights in the public interest, promoting openness by public bodies and data privacy for individuals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| Information Technology Infrastructure Library | ITIL    | Industry standard IT service management framework                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |
| Initial Settlement Run                        | SF      | The Settlement Run carried out for the purposes of initial Settlement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| Interconnector costs                          |         | One of the components of the net welfare analysis calculated by the dynamic dispatch model (DDM). It is the cost of the electricity imported via the interconnectors minus the value of exports across the interconnectors, faced by the GB side of interconnection. If imports are greater or import prices are higher, the cost of imported electricity is increased.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Interconnector surplus (IC surplus)           |         | One of the components of the net welfare distributional analysis calculated by the dynamic dispatch model (DDM), consisting of changes in wholesale market costs, changes in capacity market revenue and changes in GB interconnector costs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Interface                                     |         | A boundary across which two independent entities meet and interact or communicate with each other. For MHHS, this will be as defined in the design, either using the new DIP, the DTN, the DSP DUIS interfaces or other means as defined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Interim Information (II) settlement Run       | II      | First timetabled settlement run                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |

| Term                                  | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Related Term(s) |
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| kilo-Watt hour                        | kWh     | The kilowatt-hour is a unit of energy equal to one kilowatt of power sustained for one hour or 3600 kilojoules                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| Lead Delivery Partner                 | LDP     | Lead Delivery Partner (Expleo) supporting the SRO function for the delivery of MHHS. To deliver the Central Programme Team (CPT), Programme Management Office (PMO), System Integrator (SI), and Programme Party Coordinator (PPC) functions of the Programme.                                                                                                                                                                                                                                                                            |                 |
| Licensed Distribution System Operator | LDSO    | LDSOs are the companies that are licensed by Ofgem to maintain and manage the electricity distribution networks in Great Britain.                                                                                                                                                                                                                                                                                                                                                                                                         | DNO, DSO        |
| Line Loss Factor Class Identifier     | LLFC ID | An identifier used by LDSOs to identify an MPANs charging band.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |
| Line Loss Factor Identifier           | LLF ID  | An identifier that allow the appropriate LLF to be identified for the line losses calculation.                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| Line Loss Factors                     | LLF     | The mechanism by which the energy lost in the transportation of electricity through the Distribution Network system is calculated and accounted for.                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Load Shape                            |         | A Load Shape is a set of daily average consumption or export data for each Settlement Period in Coordinated Universal Time (UTC) for a Categorisation of Metering System in the population. It is derived and provided by the Load Shaping Service and will be delivered as part of the MHHS TOM.                                                                                                                                                                                                                                         | LSS             |
| Load Shape Category                   | LSC     | Are the Categories set out in ISD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |
| Load Shaping Methods                  | LSM     | The methodologies used by the LSS calculate Load Shapes and their totals.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Load Shaping Run                      | LSR     | Are the calculation runs undertaken by the LSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| Load Shaping Service                  | LSS     | The Load Shaping Service (LSS) is the service within the MHHS TOM that calculates load shapes from valid Settlement Period level data accessed from the Processing Services. The Load shape data will then be used by the Processing Services (PSS) to convert Register Readings (RRs) or Daily Consumption values into Settlement Period level data.                                                                                                                                                                                     | Load Shape      |
| Load Shaping Timetable                |         | A timetable that show when load shaping runs are undertaken by the LSS                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Load shifting                         |         | The movement of electricity consumption to different times of the day, usually from peak to off-peak times, in response to a price or other signal.                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| Low Carbon Contracts Company          | LCCC    | LCCC,Ãs primary role is to manage CFDs with low carbon generators throughout their lifetime, which involves management of the contracts as well as the Supplier Obligation Levy that funds CFD payments                                                                                                                                                                                                                                                                                                                                   |                 |
| Managed Service Provider              | MSP     | Businesses that support other businesses by providing systems and services to simplify their operations in the energy market                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
| Market Domain Data                    | MDD     | The reference data (including Profile Classes and Grid Supply Point Groups) used by all suppliers, supplier agents and licensed distribution system operators in the electricity market to facilitate the operation of the Suppliers Volume Allocation Trading Arrangements.                                                                                                                                                                                                                                                              |                 |
| Market Participant ID                 | MPID    | Market Participants are any party that interact with Settlement or other industry process. Each valid participant has a Market Participant Identifier (MPID) defined in Market Domain Data (MDD). MDD will be replaced by revised or new standing data which is referred to as Industry Standing Data (ISD) in the MHHS Programme TOM design.                                                                                                                                                                                             |                 |
| Market Segments                       |         | <p>The three Market Segments are:</p> <p>The Smart and Non-smart (S)</p> <ul style="list-style-type: none"> <li>- Smart Meters with Settlement Period level data available</li> <li>- Smart Meters with only Register Readings available</li> <li>- Non-smart Meters with Register Readings</li> </ul> <p>Advanced</p> <ul style="list-style-type: none"> <li>- Advanced Metering Systems with Settlement Period level data available</li> </ul> <p>Unmetered</p> <ul style="list-style-type: none"> <li>- Unmetered Supplies.</li> </ul> |                 |

| Term                               | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Related Term(s)       |
|------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Market Wide                        |         | Market-wide in the context of the Significant Code Review (SCR) means the Settlement of Settlement Period data where such data can be accessed subject to data privacy and data access policy. Market-wide in the context of Services means a service which would provide cross-segment-aggregation.                                                                                                                                                                                                                                                                                                                                                                                                          |                       |
| Market Wide Data Service           | MDS     | The Market-wide Data Service (MDS) is the service that provides integrity checks and calculations on Settlement Period level data ingested by BSC Central Settlement Systems from the Processing Service(s) (Smart), the Advanced Retrieval and Processing Service and the Unmetered Supplies Data Service.                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| Market-wide Half-Hourly Settlement | MHHS    | Market Wide Half-Hourly Settlement will utilise the ability of smart meters to record a customer's usage during each half hour period to move domestic and small non-domestic customers to half-hourly settlement. Medium and larger non-domestic consumers have been settled half-hourly since BSC modification P272.                                                                                                                                                                                                                                                                                                                                                                                        |                       |
| Measurement Class                  |         | <p>A classification of Metering Systems which indicates how Consumption is measured:</p> <p>Measurement Class Id - Description</p> <p>A - Non Half Hourly Metering Equipment</p> <p>B - Non Half Hourly Unmetered Supplies</p> <p>C - Half Hourly Metering Equipment at above 100 kW Maximum Demand Premises</p> <p>D - Half Hourly Unmetered Supplies</p> <p>E - Half Hourly Metering Equipment at below 100kW Premises with current transformer</p> <p>F - Half Hourly Metering Equipment at below 100kW Premises with current transformer or whole current, and at Domestic Premises</p> <p>G - Half Hourly Metering Equipment at below 100kW Premises with whole current and not at Domestic Premises</p> |                       |
| Mega-Watt hour                     | MWh     | A Megawatt-hour, or MWh, is a Unit of energy equal to one million watts of electrical power operating (consumed or generated) for 1 hour.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |
| Meter Advance                      |         | The Meter Advance is the energy value (kWh) calculated by differencing the latest Register Reading from the previous Register Reading obtained from a Metering System.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |
| Meter Asset Provider               | MAP     | Businesses that finance the provision (asset cost) and installation of smart meters, generally by amortising the cost of the asset and installation over a period of time.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                       |
| Meter Data Retriever               | MDR     | This is a sub-service of the Smart Data Service. It is the entity responsible for connecting to the DCC, and retrieving smart metering data for MHHS purposes. Registered Suppliers may choose to perform this role themselves or appoint a third party MDR service provider.                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| Meter Equipment Manager            | MEM     | The REC Term for a gas or electricity Meter Operator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MOP, NHHMO, HHMO      |
| Meter Operator                     | MOP     | Responsible for installing, commissioning, testing, maintaining and rectifying faults in respect of metering equipment. Also responsible for maintaining Meter Technical Details and providing such details to the relevant Data Collector. As carried out by a party appointed by an electricity supplier in accordance with Section L of the BSC.                                                                                                                                                                                                                                                                                                                                                           | MOA, NHHMO, HHMO. MEM |
| Meter Point Administration Number  | MPAN    | A Meter Point Administration Number, also known as MPAN, Metering System Identifier (MSID) under the BSC, Supply Number or S-Number, is a 21-digit reference used in Great Britain to uniquely identify electricity supply points.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |
| Meter Point Administration Service | MPAS    | Maintains an up-to-date record of the supply of electricity to every location in the UK, operated by the DNOs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |
| Meter Point Registration Systems   | MPRS    | REC defined term for Registration Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SMRS                  |

| Term                                                 | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                        | Related Term(s)   |
|------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Meter Reading Service                                | MRS     | The Meter Reading Service (MRS) is the service in the MHHS TOM that provides Register Readings (RRs) for Meters where Settlement Period Level data is not available or cannot be accessed from Meter in the smart and non-smart Market Segments.                                                                                                                                                                  |                   |
| Meter Technical Details                              | MTD     | The details required to interpret data from a meter correctly.                                                                                                                                                                                                                                                                                                                                                    | MSMTD             |
| Metering Service                                     | MS      | The MHHS Target Operating Model (TOM) created the concept of Metering Service participants, these organisations are analogous to MOP, in the current market model.                                                                                                                                                                                                                                                |                   |
| Metering Service (Advanced) / Advanced Metering Serv | MSA     | The Metering Service (Advanced) (MSA) is the service in the MHHS TOM that is responsible for the installation and maintenance of Meters in the Advanced Market Segment.                                                                                                                                                                                                                                           |                   |
| Metering Service (Smart)                             | MSS     | The Metering Service (Smart) (MSS) is the service in the MHHS TOM that is responsible for the installation and maintenance of Meters in the smart and non-smart Market Segments.                                                                                                                                                                                                                                  |                   |
| Metering System Meter Technical Details              | MSMTD   | The details required to interpret data from a meter correctly.                                                                                                                                                                                                                                                                                                                                                    | MTD               |
| MHHS Participant                                     |         | As defined in BSC Section C: "MHHS Participant" means each of: (a) BSCCo (but excluding its role as MHHS Implementation Manager); (b) each Supplier; (c) each Licensed Distribution System Operator; (d) the DCC; (e) each MHHS Affected Code Body; (f) each Data Collector; (g) each Data Aggregator; (h) each Meter Operator Agent; and (i) any other person or category of person which the Authority directs. |                   |
| MHHS Programme Party                                 |         | Means an Organisation (or Person) who, in the regular course of its business, will interface with the MHHS Programme. The term does not include a reference to a retail consumer.                                                                                                                                                                                                                                 | Programme Parties |
| Modification                                         | Mod     | A proposed modification to industry Codes (e.g. BSC, SEC, REC) raised and processed in accordance with Code processes                                                                                                                                                                                                                                                                                             |                   |
| National Grid Electricity System Operator            | NGESO   | NGESO is the System Operator for the electricity transmission system in Great Britain, with responsibility for making sure that electricity supply and demand stay in balance and the system remains within safe technical and operating limits.                                                                                                                                                                  | SO                |
| National Grid Electricity Transmission               | NGET    | Owns and maintains the onshore electricity transmission assets in England and Wales                                                                                                                                                                                                                                                                                                                               |                   |
| Net Present Value                                    | NPV     | NPV is a generic term for the sum of a stream of future values (that are already in real prices) that have been discounted to bring them to today, in value.                                                                                                                                                                                                                                                      |                   |
| Net Zero                                             |         | In June, 2019 the UK legislated by amending section 1(1) of the Climate Change Act, which now provides that it is the Secretary of State, in duty to ensure that the net UK carbon account for the year 2050 is at least 100% lower than the 1990 baseline, by reducing emissions from all sectors of the economy.                                                                                                |                   |
| Network Access                                       |         | Access is the nature of users, in access to the electricity networks (for example, when users can import/export electricity and how much) and how these rights are allocated.                                                                                                                                                                                                                                     |                   |
| New system customer                                  |         | Those customers who had their smart / advanced meters installed or decided to change supplier / contract after the new MHHS data sharing framework entered into force.                                                                                                                                                                                                                                            |                   |
| Non Functional Requirement                           | NFR     | System attributes or properties such as security, reliability, performance, maintainability, scalability, and usability                                                                                                                                                                                                                                                                                           |                   |
| Non Functional Test                                  | NFT     | Testing relating to Non Functional Requirements                                                                                                                                                                                                                                                                                                                                                                   |                   |
| Non Half-Hourly Data Aggregator                      | NHHDA   | Data Aggregation agent in the Non Half Hourly Market                                                                                                                                                                                                                                                                                                                                                              | DA                |
| Non Half-Hourly Data Collector                       | NHHDC   | Data Collection agent in the Non Half Hourly Market                                                                                                                                                                                                                                                                                                                                                               | DC                |
| Non Half-Hourly Meter Operator                       | NHHMO   | Meter Operator agent in the Non Half Hourly Market                                                                                                                                                                                                                                                                                                                                                                | MOP               |
| Non Half-Hourly Settlement                           | NHH     | As part of the Settlement process, NHH Settlement is the arrangement for estimating how much energy a supplier, in customer, in use (or export) in each Settlement period (where their meter is not capable of recording energy usage for a Settlement Period. The arrangement uses Meter readings spanning longer intervals, e.g. days, weeks and months.                                                        |                   |

| Term                                                  | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                      | Related Term(s) |
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| Non Smart Meter                                       |         | A non-smart Meter is a Meter that is either not compliant with the Smart Metering Equipment Technical Specifications (SMETS). These Meters include legacy non-smart Meters for customers refusing smart Meters, premises where smart Meters cannot be fitted, Meters with Advanced capability that cannot be moved into the Advanced Market Segment due to communication issues or Ofgem policy requirements.                                   |                 |
| Number of Displayed Register Digits                   |         | The number of digits prior to the decimal point displayed by the total cumulative register on an electricity smart meter.                                                                                                                                                                                                                                                                                                                       |                 |
| Office of Gas and Electricity Markets                 | Ofgem   | The Office of Gas and Electricity Markets (Ofgem) is responsible for protecting gas and electricity consumers in Great Britain. It is governed by the Gas and Electricity Markets Authority (GEMA).                                                                                                                                                                                                                                             |                 |
| Old system customer                                   |         | Those customers who had their smart meters installed before the new MHHS data sharing framework entered into force, and have not decided to change supplier or contract since the framework entered into force.                                                                                                                                                                                                                                 |                 |
| Peak consumers                                        |         | Those consumers whose electricity consumption is primarily concentrated at the times of the day when there is greatest demand on the grid, for example 4pm-7pm on weekdays.                                                                                                                                                                                                                                                                     |                 |
| Peer-to-peer energy trading                           |         | Trading energy through a platform where a network of computational entities or peer-to-peer (P2P) group is connected, each of which acts as a node for sharing data with the rest of the group rather than having a central server.                                                                                                                                                                                                             |                 |
| Performance Assurance Board                           | PAB     | Administers performance compliance with the BSC                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Performance Assurance Framework                       | PAF     | The BSC Panel and the Performance Assurance Board use the Performance Assurance Framework to manage settlement risks.                                                                                                                                                                                                                                                                                                                           |                 |
| Performance Assurance Reporting and Monitoring System | PARMS   | The system used to record and monitor compliance by Suppliers with their obligations pursuant to the BSC                                                                                                                                                                                                                                                                                                                                        |                 |
| Plan on a Page                                        | POAP    | Summarises a project plan in a graphical manner                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Platform as a Service (PaaS)                          | PAAS    | Platform as a service (PaaS) is a cloud computing model where a third-party provider delivers hardware and software tools to users over the internet.                                                                                                                                                                                                                                                                                           |                 |
| Pre Integration Test                                  | PIT     | The testing phase before Systems Integration                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Prepayment                                            |         | A mode of payment where the consumer pays in advance for energy, also known as Pay As You Go energy. Prepayment is often used as a mechanism for debt collection from customers.                                                                                                                                                                                                                                                                |                 |
| Present Value                                         |         | PV is a generic term for a future value (that is already in real prices) that has been discounted to bring it to today, 's value.                                                                                                                                                                                                                                                                                                               |                 |
| Price Comparison Websites                             | PCWs    | A website that compares the price of a particular product or service in different stores or from different companies                                                                                                                                                                                                                                                                                                                            |                 |
| Processing Service (Smart)                            | PSS     | The Processing Service (Smart) in the MHHS TOM is responsible for obtaining and validating and estimating (where needed) raw meter readings (both Settlement Period and Register Reads) from smart and non-smart Meters.                                                                                                                                                                                                                        |                 |
| Profile Administrator                                 | PrA     | This agent currently produces the Profiling deliverables that are used by the SVAA, Suppliers and the Supplier Agents.                                                                                                                                                                                                                                                                                                                          |                 |
| Profile Class                                         | PC      | Consumers that are not settled using actual Meter readings for each Settlement period are grouped into one of eight Profile Classes. For each Profile Class, a load profile is created that estimates the consumption shape of the average consumer. This load profile (or variations of it) is used to determine the consumption in each half hour for all consumers assigned to the Profile Class. See also non-half hourly (NHH) Settlement. |                 |
| Profiling and Settlement Review Group                 | PSRG    | The PSRG was a sub-group of the Supplier Volume Allocation Group (SVG) from 2010-15. The PSRG reported to the BSC Panel and was tasked with maintaining the integrity of the settlement arrangements in the short to medium term as smart meters are rolled out.                                                                                                                                                                                |                 |

| Term                          | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Related Term(s)      |
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| Programme Implementation Plan | PIP     | The Programme Implementation Plan is the detailed plan with timings that is being developed during the implementation phase for the TOM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |
| Programme Management Office   | PMO     | Programme Management Office function which will be delivered by the LDP. The PMO will act as the information hub for the Programme and provide a framework for managing the Programme's day-to-day activities.                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |
| Programme Participant         | PP      | A Programme Participant or an „ÄMHHS Participant" means each of: BSCCo (but excluding its role as MHHS Implementation Manager); each Supplier; each Licensed Distribution System Operator; the DCC; each MHHS Affected Code Body; each Data Collector; each Data Aggregator; each Meter Operator Agent; and any other person or category of person which the Authority directs.                                                                                                                                                                                                                                                                  | MHHS Programme Party |
| Programme Party Coordinator   | PPC     | The MHHS PPC is responsible for full and effective co-ordination of MHHS Participants in relation to MHHS Implementation.<br><br>Co-ordination role which will be delivered by the LDP. The PPC will, ahead of programme milestones, ensure that Programme Parties are ready to proceed into each phase through close direct engagement. The PPC will provide staff during the Design, Build, Integration, and Test (DBIT) phases (each P1 Milestone) to assess and ensure each Party is adequately prepared to report Programme Party readiness, challenge party responses for validation, and/or escalate and advise party readiness concerns. |                      |
| Programme Steering Group      | PSG     | The PSG role is an senior-level group, where key issues, challenges and Level 1 milestone Programme planning are presented and steering group members make strategic decision which efficiently drives the MHHS Programme forward, delivers the new TOM and ensures the Programme keeps to plan.                                                                                                                                                                                                                                                                                                                                                 |                      |
| Qualification                 |         | Qualification is the BSC process that assures that systems and processes (developed outside of BSC Central Systems control) which may interact with BSC Systems and other participant,Äs systems will not introduce significant risks or issues to Settlement. This process currently applies to Supplier Agents. This process is part of the BSC performance assurance framework to manage settlement risks.                                                                                                                                                                                                                                    |                      |
| Quality Assurance             | QA      | a way of preventing mistakes and defects in manufactured products and avoiding problems when delivering products or services to customers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| Radio Telswitch Service       | RTSA    | Service provided by ENA to Elexon to transmit radio signals to teleswitch meters.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |
| Ratcheted materiality         |         | Stepped increases in the threshold for which incorrect information will be considered of significance in decision-making.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| Real price                    |         | Real price is the nominal price (i.e. current cash price at the time) deflated by a measure of inflation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |
| Real terms                    |         | Real terms is a reference to the value of expenditure at a specified general price level (calculated by dividing a nominal cash value by a general price index).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                      |
| Red Amber Green               | RAG     | a traffic light symbolising the status of a project and tasks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |
| Register Readings             | RR      | Register Readings are the Meter readings obtained from a Settlement Meters tariff registers. This could be the cumulative register, daily consumption log data or daily readings these readings may be taken remotely or read from the meter.                                                                                                                                                                                                                                                                                                                                                                                                    |                      |
| Registration Data Provider    | RDP     | Many DNOs have contracted with a separate organisation to provide their MPAS service, these organisations are referred to as the „ÄRegistration Data Provider,Ä                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                      |
| Registration Service          | SMRS    | The Registration Service is the LDSO service that holds Meter point standing data information about each MPAN within its distribution Region. Data includes the BRP the processing and metering services appointed to the MPAN. It also includes information on the type of customer, the Measurement Class, Energisation Status and Line Loss Factor Class.                                                                                                                                                                                                                                                                                     |                      |

| Term                                                 | Acronym    | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Related Term(s) |
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| Related MPANs                                        |            | A Related MPAN is where two NHH Meters, registered with a single Suppliers, are at the same site. This typically occurs where one MPAN covers the heating load and the other MPAN is the rest of the load for the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |
| Request for Information                              | RFI        | A Request for Information is a request to collect additional information, beyond the data collected in routine monitoring.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Request for Proposal                                 | RFP        | a business document that announces a project, describes it, and solicits bids from qualified contractors to complete it.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| Requirements Traceability Matrix                     | RTM        | A document that demonstrates the relationship between requirements and other artifacts. It's used to prove that requirements have been fulfilled. And it typically documents requirements, tests, test results, and issues                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Residual charges                                     |            | Supplementary to Forward-looking charges, residual charges are top-up network charges which ensure that the appropriate amount of allowed revenue is collected from demand users once forward-looking charges have been levied. The amount of revenue which needs to be recovered from residual charges does not change when individuals use the system differently.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |
| Responsible, Accountable, Consulted and Informed     | RACI       | These are the categories that would be typically found in a Responsibility Assignment Matrix and RACI is generally used as shorthand to describe who takes on those roles/responsibilities for tasks, deliverables and outcomes in a project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |
| Retail Energy Code                                   | REC        | A code that consolidates the switching arrangements set out in the Master Registration Agreement (MRA) and the Supply Point Administration Agreement (SPAA) (for gas) into one dual-fuel code, and also replaces the Green Deal Arrangements Agreement (GDAA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |
| Retail Energy Code Company                           | RECCo      | The company that is established to manage and oversee the development of the Retail Energy Code (REC).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| Retail Energy Code Manager                           | REC Manage | The REC Manager plans and manages the delivery of the REC, ensuring that the objectives of the REC are met.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Retail Energy Location                               | REL        | An address introduced by the FSP into the REC obligations. The REL provides a clearly identifiable, standardised address which enables the correct meters to be identified and switched at any given property, in a reliable and efficient manner matching and consolidating the Location of Gas Meter Point (MPL) Location & Electricity MPL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| RIIO-2 (Revenue = Incentives + Innovation + outputs) | RIIO       | RIIO is the network price control model employed by Ofgem. The model adjusts a network company's allowed revenues depending on metrics related to incentives, innovation and outputs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| Risks, Issues, Assumptions and Dependencies          | RAID       | As in the description - programme managed to maintain successful delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Security Design Working Group                        | SDWG       | Level 4 MHHS Group looking at Security Design and developing key information security artefacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Senior Responsible Owner                             | SRO        | The senior responsible owner is ultimately accountable for a programme or project meeting its objectives, delivering the projected outcomes and realising the required benefits. He or she is the owner of the business case and accountable for all aspects of governance.<br><br>Elexon is the SRO for the MHHS programme. The MHHS SRO is responsible for delivery of MHHS Implementation in accordance with the MHHS Implementation Timetable, and is accountable for ensuring that MHHS Implementation delivers the MHHS Target Operating Model and achieves the other outcomes specified by the Authority as part of the market wide half-hourly settlement Significant Code Review. The MHHS SRO shall perform its role in accordance with the design and implementation baselines determined by the Authority, as they are amended from time to time in accordance with the MHHS Governance Framework. |                 |
| Service Request                                      | SR         | DCC term for requests and message interchange on their network                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SRV             |
| Settlement Day                                       | SD         | The period from 00:00 hours to 24:00 hours on each day                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |

| Term                                                | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                  | Related Term(s)    |
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| Settlement Period                                   | SP      | The period over which contracted and metered volumes are reconciled. This is defined as a period of 30 minutes. See also settlement process.                                                                                                                                                                                                                                                                                | Settlement Process |
| Settlement Period Consumption                       |         | Settlement Period Consumption data is consumption data that is the granularity of the Settlement Period this could be actual data obtained directly from the Meter or data derived from Register Readings or Unmetered Supplies that is processed by the MDS to Settlement Period granularity.                                                                                                                              |                    |
| Settlement Period Level Consumption Data            |         | Settlement Period Level Consumption data is consumption data that is the granularity of the Settlement Period this could be actual data obtained directly from the Meter or data derived from Register Readings or Unmetered Supplies that is processed to Settlement Period granularity.                                                                                                                                   |                    |
| Settlement Period Level Data                        |         | Settlement Period level data is consumption or export meter data that is the granularity of the Settlement Period. This is either actual data (as recorded by the Meter), or data derived from Register Readings, or data derived from the Unmetered Supply (that is calculated for a Settlement Period).                                                                                                                   |                    |
| Settlement Process                                  |         | In the context of this report Settlement process refers to the Imbalance Settlement arrangements. Settlement places incentives on generators and suppliers to contract efficiently to cover what they produce or their customers consume (or produce) respectively. For suppliers, it operates by charging for any difference between the volumes of electricity that they buy and the volume that their customers consume. |                    |
| Significant Code Review                             | SCR     | The SCR process is an Ofgem led process that is designed to facilitate complex and significant changes to a range of industry codes. It provides a role for Ofgem to undertake a review of a code-based issue and play a leading role in facilitating code changes through the review process.<br>MHHS is being implemented from the Electricity Settlement Reform Significant Code Review                                  |                    |
| Smart and Non Smart Market Segment                  |         | The Smart and non-Smart Market Segment is the Market Segment that covers smart Meters serviced by the DCC. This covers smart Meters with Settlement Period level data available and smart Meters where only Register Readings are available. It also covers non-smart Meters.                                                                                                                                               |                    |
| Smart Data Services                                 | SDS     | The Smart Data Services in the MHHS TOM comprise the Meter Data Retrieval Service, Processing Service (Smart) and Meter Reading Service, which together enable settlement of the Smart and Non-smart Market Segments.                                                                                                                                                                                                       |                    |
| Smart Energy Code                                   | SEC     | The Smart Energy Code (SEC) is a multi-Party agreement, coming into force under the DCC Licence, which defines the rights and obligations of energy suppliers, network operators and other relevant parties involved in the end to end management of smart metering in GB.                                                                                                                                                  |                    |
| Smart Export Guarantee                              |         | The Smart Export Guarantee is an obligation established by the government, imposed on electricity suppliers with at least 150,000 domestic electricity customers, to offer an export tariff and make payments to small-scale low-carbon generators for electricity exported to the grid. This came into effect in January 2020.                                                                                             |                    |
| Smart Meter                                         |         | A smart Meter is a Meter which is compliant with the Smart Metering Equipment Technical Specifications (SMETS). In addition to traditional metering functionality (measuring and registering the amount of energy that passes through it), a smart Meter is capable of providing additional functionality such as recording consumption/export in each half hour of the day and of being remotely read and configured       |                    |
| Smart Meter Equipment Technical Specifications      | SMETS   | Smart Meter Technical Specifications (SMETS) are the specifications that set out the minimum technical requirements for Smart Meters. The SMETS are governed by the Smart Energy Code (SEC).                                                                                                                                                                                                                                |                    |
| Smart Metering Equipment Technical Specifications 1 | SMETS1  | The first generation of smart meters in GB compliant with v1 of the SMETS.                                                                                                                                                                                                                                                                                                                                                  |                    |
| Smart Metering Equipment Technical Specifications 2 | SMETS2  | The second generation of smart meters in GB compliant with v2 of the SMETS.                                                                                                                                                                                                                                                                                                                                                 |                    |
| Smart Metering Implementation Programme             | SMIP    | Programme to install smart meters for all homes and businesses in GB owned and executed by BEIS.                                                                                                                                                                                                                                                                                                                            |                    |



| Term                                         | Acronym  | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Related Term(s) |
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| Smart tariff                                 |          | This is a catch all term that could refer to any tariff enabled by a smart meter but which specifically does not refer to tariffs available with traditional meters, including Economy 7 tariffs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| SMETS1 Service Provider                      | S1SP     | A DCC service provider managing a specific cohort of SMETS1 meters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |
| Solar photovoltaic                           | Solar PV | Electricity generated by solar panels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |
| Sponsor                                      |          | Ofgem is the Sponsor for the MHHS Programme within the new governance structure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |
| Standard Variable Tariff                     | SVT      | An SVT (sometimes called a standard energy tariff) is an energy supplier's default tariff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |
| Standing data                                |          | Stored information which remains static for a sustained period of time, as it does not often change.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| Static Time of Use tariff                    |          | A Time of Use tariff that fixes in advance the peak and off-peak periods for electricity consumption and the prices that apply at these times. This is where customers are charged a lower price at specified off-peak times that are consistent day to day or week to week, reflecting the fact that electricity is generally cheaper to generate and transport at these times. (Some static time of use tariffs could have different weekday and weekend rates).                                                                                                                                                                                                                           | ToU             |
| Subject Matter Expert                        | SME      | Expert in a specific topic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |
| Supplier agents                              |          | Supplier agents can carry out certain functions related to settlement on behalf of suppliers, including data collection, data aggregation and meter operation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| Supplier Meter Registration Agent            | SMRA     | Means a LDSO acting in its capacity as the provider of a SMRS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Supplier Meter Registration Service          | SMRS     | The Registration Service is the LDSO service that holds Meter point standing data information about each MPAN within its distribution Region. Data includes the BRP the processing and metering services appointed to the MPAN. It also includes information on the type of customer, the Measurement Class, Energisation Status and Line Loss Factor Class.                                                                                                                                                                                                                                                                                                                                 | MPRS, MPAS      |
| Supplier of Last Resort                      | SoLR     | Appointed by Ofgem in the event of a supply business failing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Supplier Volume Allocation Agent (BSC Agent) | SVAA     | BSC Agent for Supplier Volume Allocation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Supplier Volume Allocation arrangements      | SVA      | Within the BSC, the SVA arrangements provide the mechanism for determining the allocation of energy volumes to Suppliers in each Settlement Period of the day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| Supply Start Date                            | SSD      | The date a consumer changes to a new energy supplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CoS Date        |
| Switching Programme                          | FSP      | As per Faster Switching Programme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
| System Operator                              | SO       | The entity charged with operating the Great Britain high voltage electricity transmission system, currently National Grid Electricity Transmission Plc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | NGESO           |
| Systems Integration Test                     | SIT      | Testing the integration of systems and packages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
| Systems Integrator                           | SI       | <p>The MHHS SI is responsible for securing the robust and stable integration of the IT Systems to be used by MHHS Participants for the purposes of market-wide, half-hourly Settlement. The MHHS SI is responsible for securing the robust and stable integration of the IT Systems to be used by MHHS Participants for the purposes of market-wide, half-hourly Settlement. The MHHS SI is responsible for securing the robust and stable integration of the IT Systems to be used by MHHS Participants for the purposes of market-wide, half-hourly Settlement.</p> <p>Systems Integrator function which will be delivered by the LDP - both a Systems and a Services Integrator role.</p> |                 |
| Target End State                             |          | The Target End State is deemed to be when the majority of customers will have a Meter capable of delivering Settlement Period level meter data for Settlement purposes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Target Operating Model                       | TOM      | The Target Operating Model is the settlement arrangements designed by the Design Working Group (DWG), and further developed by the Code Change and Development Group (CCDG) and the Architecture Working Group (AWG) that will facilitate Market-wide Half Hourly Settlement.                                                                                                                                                                                                                                                                                                                                                                                                                |                 |

| Term                                        | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Related Term(s) |
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| Targeted Charging Review                    |         | The Targeted Charging Review has examined the „residual charges,“ which recover the remaining costs of the electricity network that are not recovered through forward-looking charges, and the differences in charges faced by smaller distributed generators and larger generators (known as Embedded Benefits).                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Technical Design Working Group              | TDWG    | Level 4 MHHS Group looking at technical design matters and developing relevant design artefacts such as functional specifications and non functional requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Teleswitch Data Services Agent              | TSDA    | This agent monitors the messages concerning contact switching times sent under the Radio Teleswitch Agreement to SVA Metering Systems equipped with a teleswitch. The agent provides a daily service that prepares a data interface file of teleswitch contact switching times reflecting actual messages broadcast for that day and transmitting the file to the SVAA on a daily basis.<br>It maintains a log archive recording the provision of details of teleswitch messages and reports to the SVAA any known or suspected failures in the monitoring and provision of messages. The teleswitch times are then used by the SVAA to calculate the half-hourly consumption values for Non Half Hourly meters. |                 |
| Testing Advisory Group                      | TAG     | L3 MHHS Governance Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| Third Party Intermediary                    |         | This refers to an organisation or individual that give energy-related advice, aimed at helping consumers to buy energy and/or manage their energy needs. TPIs include switching sites, energy brokers and any company that offers support with energy procurement.                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| Time of use tariffs                         | ToU     | Energy tariffs that charge different prices at different times of the day, week, month or year are known as time-of-use tariffs. See also dynamic time-of-use tariff and static time-of-use tariff.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |
| Trading and Disputes Committee              | TDC     | The Trading Disputes Committee (TDC) ensures that all Trading Disputes and Manifest Errors are resolved so that errors are corrected and the integrity of Settlement maintained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Trading Party                               |         | Under the BSC a Trading Party means a Party, other than the Transmission Company, which holds energy accounts. These are typically suppliers, generators and energy traders.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Trans European Replacement Reserve Exchange | TERRE   | TERRE is a European Union project which aims to develop a platform for market participants in participating European countries to trade energy with one-another.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
| Transition Approach                         |         | The Transition Approach sets out the key milestones and dependencies for moving to the TOM from the existing market services and Settlement arrangements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
| UK General Data Protection Regulation       | GDPR    | Originally a regulation in EU law (Regulation (EU) 2016/679) providing for the protection of personal data in relation to processing and sharing, which has been retained in domestic law following the UK,“s withdrawal from the European Union.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |
| Unmetered Supplies                          | UMS     | Unmetered Supplies (UMS) means a supply of electricity to a particular inventory of equipment in respect of which a Licensed Distribution System Operator (LDSO) has issued an Unmetered Supply Certificate. For example, this equipment could be any electrical equipment that draws a current and is connected to the Distribution Network without a Meter, i.e. there is no Meter recording its energy consumption, e.g. street lights, traffic signs, zebra crossings, etc.                                                                                                                                                                                                                                  |                 |
| Unmetered Supplies Data Service             | UMSDS   | The Unmetered Supplies Data Service (UMSDS) in the MHHS TOM is the service that calculates Settlement Period Level consumption data for unmetered supplies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |
| Unmetered Supplies Market Segment           |         | The Unmetered Supplies Market Segment is the Market Segment for Unmetered Supplies, e.g. street lights, traffic signs, zebra crossings, etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Unmetered Supplies Operator                 | UMSO    | The Unmetered Supplies Operator (UMSO) is the service that interfaces with the Unmetered Supplies (UMS) customer and other industry stakeholders. The UMSO Service is provided by the Distribution Business.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |
| Unpriced Carbon                             |         | This quantifies the difference between the European Emissions Allowance (EUA) carbon price and the societal value of carbon as defined by the Government,“s appraisal value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |

| Term                                     | Acronym | Definition                                                                                                                                                                                                                                                                                                                                                                                                                              | Related Term(s) |
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| User Entry Process Test                  | UEPT    | Market entry testing for users                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| User Interface Test                      | UIT     | A test whereby real-life users are involved to evaluate the usability of a component or system                                                                                                                                                                                                                                                                                                                                          |                 |
| UTC Period Level Consumption Data        | UTCP    | Refers to consumption or export data that is of UTC Period Granularity. This is either actual data (as recorded by the Meter), or data derived from Register Readings, or data derived from the Unmetered Supply (that is calculated for a Settlement Period)                                                                                                                                                                           |                 |
| VAS Timetable                            |         | a timetable that defines when Settlement Runs are undertaken by the MDS, VAS and SAA Services.                                                                                                                                                                                                                                                                                                                                          |                 |
| Vehicle-to-Grid services                 | V2G     | Services that enable electric vehicle (EV) users to return energy stored in their EV batteries to the grid when electricity is in high demand.                                                                                                                                                                                                                                                                                          |                 |
| Virtual Power Plant                      | VPP     | An interconnected network of decentralised, medium-scale power generating units (wind farms, solar parks), as well as flexible power consumers and storage systems. These can be dispatched from a central control room, with the aim of relieving the load on an electrical grid by smartly distributing the power generated by the individual units during peak load periods.                                                         |                 |
| Volume Allocation Run                    | VAR     | A Volume Allocation Run (VAR) is a scheduled Settlement run that allocated Supplier Metered volumes to BMUs for each GSP Group. The VAR ensures the BMU allocated energy is corrected such that the total volume matches the energy in the GSP Group Take for each Settlement Period.                                                                                                                                                   |                 |
| Volume Allocation Service                | VAS     | The Volume Allocation Service (VAS) is the service that processes Settlement Period level data provided by the Market-wide Data Service (MDS). The processed data is allocated to Balancing Mechanism Units (BMUs).                                                                                                                                                                                                                     |                 |
| Working Days                             | WDs     | Monday to Friday, excluding bank holidays                                                                                                                                                                                                                                                                                                                                                                                               |                 |
| Physical Design                          |         | A physical design is an arrangement of physical elements (system elements and physical interfaces) which provides the design solution for a product, service, or enterprise, and is intended to satisfy logical architecture elements and system requirements                                                                                                                                                                           |                 |
| Cyber Assessment Framework               | CAF     | The Cyber Assessment Framework (CAF) provides a systematic and comprehensive approach to assessing the extent to which cyber risks to essential functions are being managed by the organisation responsible. It is intended to be used either by the responsible organisation itself (self-assessment) or by an independent external entity, possibly a regulator or a suitably qualified organisation acting on behalf of a regulator. |                 |
| File Integrity Monitoring                | FIM     | Verification of the integrity of operating systems and application software files to determine if tampering or fraud has occurred by comparing them to a trusted "baseline."                                                                                                                                                                                                                                                            |                 |
| Federal Information Processing Standards | FIPS    | The United States' Federal Information Processing Standards are publicly announced standards developed by the National Institute of Standards and Technology for use in computer systems by non-military American government agencies and government contractors                                                                                                                                                                        |                 |
| Host-Based Intrusion Detection           | HIDS    | A host-based intrusion detection system is an intrusion detection system that is capable of monitoring and analysing the internals of a computing system as well as the network packets on its network interfaces, similar to the way a network-based intrusion detection system operates.                                                                                                                                              |                 |
| Indicators of Good Practice              | IGP     | Used to indicate good practice                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
| Information Security Officer             | ISO     | The senior-level executive within an organisation responsible for establishing and maintaining the enterprise vision, strategy, and program to ensure information assets and technologies are adequately protected                                                                                                                                                                                                                      |                 |
| Internet Service Provider                | ISP     | An organisation that provides services for accessing, using, or participating in the Internet.                                                                                                                                                                                                                                                                                                                                          |                 |
| Information Technology                   | IT      | Information technology is the use of computers to create, process, store, retrieve, and exchange all kinds of electronic data and information                                                                                                                                                                                                                                                                                           |                 |
| National Cyber Security Centre           | NCSC    | An organisation of the United Kingdom Government that provides advice and support for the public and private sector in how to avoid computer security threats                                                                                                                                                                                                                                                                           |                 |

| Term                                           | Acronym | Definition                                                                                                                                                                                                                                                                                                       | Related Term(s) |
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| Network and Information Systems Regulation     | NISR    | Regulations designed to protect the critical national infrastructure of EU countries in the event of a cyber attack                                                                                                                                                                                              |                 |
| National Institute of Standards and Technology | NIST    | A physical sciences laboratory and non-regulatory agency of the United States Department of Commerce                                                                                                                                                                                                             |                 |
| System Security Plan                           | SSP     | Formal document that provides an overview of the security requirements for an information system and describes the security controls in place or planned for meeting those requirements.                                                                                                                         |                 |
| User and Entity Behaviour Analytics            | UEBA    | The process of gathering insight into the network events that users generate every day. Once collected and analysed, it can be used to detect the use of compromised credentials , lateral movement, and other malicious behaviour.                                                                              |                 |
| Extended Threat Detection and Response         | XDR     | A cybersecurity technology that monitors and mitigates cyber security threats                                                                                                                                                                                                                                    |                 |
| DIP Service Provider                           | DIPSP   | The organisation responsible for operating the Data Integration Platform                                                                                                                                                                                                                                         |                 |
| Enduring Service Owner                         | ESO     | (Duplicate of ESO with the National Grid meaning)<br><br>The licensed body responsible for the Data Integration Platform, as determined by Ofgem                                                                                                                                                                 |                 |
| Hyper Text Transfer Protocol                   | HTTP    | The Hypertext Transfer Protocol is an application layer protocol in the Internet protocol suite model for distributed, collaborative, hypermedia information systems                                                                                                                                             |                 |
| Internet Protocol                              | IP      | The Internet Protocol is the network layer communications protocol in the Internet protocol suite for relaying datagrams across network boundaries. Its routing function enables internetworking, and essentially establishes the Internet.                                                                      |                 |
| JavaScript Object Notation                     | JSON    | JSON is an open standard file format and data interchange format that uses human-readable text to store and transmit data objects consisting of attribute, value pairs and arrays. It is a common data format with diverse uses in electronic data interchange, including that of web applications with servers. |                 |
| Mutual Transport Layer Security                | mTLS    | Mutual Transport Layer Security (mTLS) is a process that establishes an encrypted TLS connection in which both parties use X.509 digital certificates to authenticate each other                                                                                                                                 |                 |
| Personally Identifiable Information            | PII     | Personal Identifiable Information is any data that can be used to clearly identify an individual                                                                                                                                                                                                                 |                 |
| Role Based Access Control                      | RBAC    | An approach to restricting system access to authorised users                                                                                                                                                                                                                                                     |                 |
| Supplier                                       | SUP     | The electricity supplier - the licensed retailer of electricity                                                                                                                                                                                                                                                  |                 |
| Switching Public Key Infrastructure            | SWIKI   | The PKI operated by DCC to support their Central Switching Service                                                                                                                                                                                                                                               |                 |
| Transport Layer Security                       | TLS     | A cryptographic protocol designed to provide communications security over a computer network                                                                                                                                                                                                                     |                 |
| Uniform Resource Identifier                    | URI     | A unique sequence of characters that identifies a logical or physical resource used by web technologies                                                                                                                                                                                                          |                 |
| Uniform Resource Locator                       | URL     | A reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it                                                                                                                                                                                                |                 |