

Dynamic Moderation Service Glossary

Author: Market Operation
National Grid Electricity System Operator Limited
Faraday House
Warwick Technology Park
Gallows Hill
Warwick
CV34 6DA

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Part 1 – Introduction

1. This **DM Service Glossary** shall apply to the **DM Auction Rules**, the **DM Service Terms** and any other document published or to be published by **NGESO** which states (howsoever expressed) that it is governed by or subject to this **DM Service Glossary** (in this document, a “**Relevant DM Service Document**”).
2. Any capitalised term used in this **DM Service Glossary** shall have the meaning given to it (if any) in Part 2 below.
3. Unless defined in Part 2 below, or the context otherwise requires, any capitalised term used in this **DM Service Glossary** shall have the meaning given to it (if any) in the prevailing **Balancing Services Glossary of General Terms and Rules of Interpretation**, and the rules of interpretation set out in that document shall also apply.
4. Subject always to paragraph 5 below, **NGESO** may update this **DM Service Glossary** from time to time by publication of an updated version on its website, and each such updated version shall be effective from the date shown on its front cover provided always that any updated version shall not apply to any **DM Response Contract** extant at the date of publication except with the consent in writing of the relevant **Service Provider**.
5. To the extent required by the **Electricity Balancing Guidelines** (and by reference to those provisions of the **DM Procurement Documents** constituting terms and conditions approved by the **Authority** as the terms and conditions related to balancing pursuant to Article 18 of the **Electricity Balancing Guidelines**), any variation to this **DM Service Glossary** will be proposed and implemented in accordance with the applicable requirements in the **Electricity Balancing Guidelines**.

Part 2 – Rules of Interpretation

6. Unless the context otherwise requires or expressly provided otherwise, the rules of interpretation set out in the **Balancing Services General Terms and Rules of Interpretation** shall apply to this **DM Service Glossary** and to each of the **Relevant DM Service Documents** as if set out in full herein.

Part 3 – Dynamic Moderation Specific Terms

7. In each of the **Related DM Service Documents**, unless the context otherwise requires, any capitalised term used therein shall have the meaning given to it (if any) in the applicable section of this Part 4, and each section of this Part 4 may also set out the order of priority of **Related DM Service Documents**.

Order of priority of Related DM Service Documents

- (a) **DM Auction Rules**;
- (b) **DM Service Terms**;
- (c) this **DM Service Glossary**;
- (d) **DM Testing Guidelines**; and
- (e) **DM Participation Guidance Document**.

“ Auction ”	the six (6) separate auctions for each EFA Block and DM Product run in a DM Service Day ;
“ Auction Administrator ”	the operator from time to time of the Designated Auction Platform ;
“ Auction Clearing Quantity ”	for each EFA Block falling in any DM Service Day , the sum of the quantities (MW) of all executed DM Sell Orders (being the aggregate Contracted Quantity for all such DM Sell Orders as reduced by any part accepted DM Sell Orders)
“ Auction Closing Time ”	in respect of the EFA Blocks falling in any DM Service Day , 14.30 hours on the EFA Day which immediately precedes that DM Service Day ;

“Auction Opening Time”	in respect of the EFA Blocks falling in any DM Service Day , 08.00 hours on the fourteenth EFA Day which immediately precedes that DM Service Day ;
“Auction Results Time”	in respect of the EFA Blocks falling in any DM Service Day , 15.00 hours on the EFA Day which immediately precedes that DM Service Day ;
“Availability Payment”	with respect to a DM Response Contract , an amount calculated in accordance with the applicable formula in the Schedule to the DM Service Terms ;
“BM Participating”	in respect of any Response Unit , means that for the duration of a DM Service Day) it is or will be registered as a BM Unit ;
“Cancellation Notice”	as defined in paragraph 21 of the DM Service Terms ;
“Child Block”	in respect of any Response Unit , a DM Sell Order whose acceptance is dependent on the acceptance of another DM Sell Order relating to the same EFA Block (being its Parent Block);
“Contracted Quantity”	in respect of any Response Unit and EFA Block , the amount of Response (MW) which a Service Provider has agreed to provide as Dynamic Moderation in accordance with a DM Response Contract ;
“Curtaillable”	the capability of a DM Sell Order to be partially accepted;
“Daily Auction Report”	the report (which may comprise more than one document, published separately) published by NGESO pursuant to the DM Auction Rules ;
“DM Auction Rules”	the prevailing document titled “Dynamic Moderation Auction Rules” published by or on behalf of NGESO from time to time governing procurement by NGESO of Dynamic Moderation through the submission of Orders and the formation of DM Response Contracts ;
“Data Concentrator”	a software platform utilised by NGESO for the receipt of DM Operational Data ;
“Delivery Duration”	in relation to any Response Unit and EFA Block , the time over which the Contracted Quantity must be capable of being delivered so as to derive the Response Energy Volume , being thirty (30) minutes;
“Designated Auction Platform”	the auction platform(s) from time to time designated by NGESO for use in connection with the Auction ;
“Dis-Arming Instruction”	in respect of any Response Unit , an instruction from NGESO to the Service Provider in accordance with the DM Service Terms to cease provision of Dynamic Moderation ;
“DM Buy Order”	an Order submitted by NGESO in accordance with paragraph 6 of the DM Auction Rules comprising its requirement for the procurement of a DM Product in each EFA Block during DM Service Days , validly registered as such on the Designated Auction Platform , with each having an associated Buy Order Price Limit ;

“DM-high	Dynamic Moderation which contributes to the Moderation of a high Frequency incident;
“DM-low”	Dynamic Moderation which contributes to the Moderation of a low Frequency incident;
“DM Operational Data”	as defined in paragraph 15 of the DM Service Terms ;
“DM Participation Guidance Document”	the prevailing document titled “Dynamic Moderation Guidance Document” published by or on behalf of NGESO from time to time setting out the rules for participation in the procurement of Dynamic Moderation , which shall include the Registration Documents , the Testing Documents and the rules for allocation of Eligible Assets to Response Units ;
“DM Performance Data”	as defined in paragraph 15 of the DM Service Terms ;
“DM Procurement Documents”	the following documents: <ul style="list-style-type: none"> (a) DM Auction Rules; (b) DM Service Terms; (c) this DM Service Glossary; (d) DM Participation Guidance Document; (e) the Common Flexibility Service Terms and Conditions to the extent that any of its provisions are incorporated by any of the other DM Procurement Documents into such document(s); and (f) such other document(s) as NGESO may designate from time to time as comprising a part of the DM Procurement Documents.
“DM Products”	DM-low and DM-high , and any other Dynamic Moderation product that NGESO may specify from time to time that it wishes to procure through the Auctions ;
“DM Response Contract”	a Balancing Services Contract for the delivery of a DM Product from a Response Unit in an EFA Block as more particularly described in the DM Service Terms ;
“DM Sell Order”	in respect of a Response Unit , an Order submitted by a Registered DM Participant in accordance with the DM Auction Rules for the delivery upon and subject to the DM Service Terms of a DM Product during an EFA Block falling in a DM Service Day , validly registered as such on the Designated Auction Platform ;
“DM Service Day”	an EFA Day comprising one or more EFA Blocks in respect of which NGESO has issued a Buy Order ;
“DM Service Terms”	the prevailing document titled “Dynamic Moderation Service Terms” published by or on behalf of NGESO from time to time containing the terms and conditions governing DM Response Contracts ;

“DRSC Liable User”	any Service Provider whose DM Response Contract renders it a Demand Response Provider by virtue of the relevant Response Unit comprising a source of controllable Demand ;
“Dynamic Moderation”, or “DM”	a fast-acting pre-fault (low or high Frequency) Balancing Service designed to contain System Frequency in the event of a sudden change in demand or generation, delivered primarily when System Frequency is within operational limits (50 Hz +/- 0.2%);
“Eligible Asset”	one or more items of Plant and Apparatus located at the same group Grid Supply Point (or at NGESO ’s sole discretion, Grid Supply Point) which have been validated by NGESO pursuant to the Testing Documents as capable (either individually or in combination with one or more other Eligible Assets) of providing Dynamic Moderation ;
“Energy Limited”	a classification given for the purposes of Dynamic Moderation to any Response Unit comprised of one or more Eligible Assets :- (a) which creates its store of energy by using power ultimately drawn from the National Electricity Transmission System ; and (b) whose State of Energy at the start of a relevant EFA Block is insufficient to provide full delivery of the Contracted Quantity for the duration of that EFA Block ;
“Energy Recovery”	in relation to any Response Unit which is Energy Limited and to any EFA Block , the minimum volume of Active Energy (MWh) capable of being recovered by way of State of Energy management in a single Settlement Period , calculated as twenty percent (20%) of Response Energy Volume ;
“Frequency Measurement Specification”	the prevailing document titled “Frequency Measurement Specification” published by or on behalf of NGESO from time to time ;
“Input Frequency”	the number of alternative current cycles per second (expressed in Hertz) as measured at the grid connection point of the relevant Eligible Asset ;
“IPR Claim”	as defined in paragraph 16 of the DM Auction Rules ;
“Malicious Software”	as defined in paragraph 17 of the DM Auction Rules ;
“Market Clearing Price”	for each EFA Block and DM Product , the price (£/MW/h) of the highest executed DM Sell Order (so that, in each DM Service Day and for any DM Product , there shall be six (6) Market Clearing Prices each attributable to a single EFA Block ;
“Maximum Ramp Rate”	in relation to any Response Unit which is Energy Limited and to any EFA Block , the maximum ramp rate permitted at any point within an Operational Baseline and Performance Baseline , calculated as five percent (5%) of Contracted Quantity , as more particularly referred to in the DM Service Terms ;

“Non-BM Data Submission”	a notification from a Service Provider to NGESO giving prevailing operational and other information with respect to a Response Unit as more particularly described in the DM Service Terms ;
“Operational Baseline”	the Service Provider ’s best estimate of Active Power Output or Demand from or attributable to a Response Unit in any Settlement Period , as notified to NGESO in accordance with the DM Service Terms ;
“Order”	a DM Buy Order or a DM Sell Order (as the context admits);
“Parent Block”	in respect of any Response Unit , a DM Sell Order which stipulates that its acceptance is a pre-condition to acceptance of one or more other DM Sell Orders each relating to the same EFA Block (each being its Child Blocks);
“Performance Baseline”	in relation to any Response Unit , the intended operating profile where applicable prior to the delivery of Dynamic Moderation (being a level (which may be zero) of Output or Demand and which, where applicable, shall be an aggregate operating profile across all Eligible Assets);
“Primary Service Provider”	as defined in paragraph 21 of the DM Service Terms ;
“Re-Arming Instruction”	in respect of any Response Unit , an instruction from NGESO to the Service Provider in accordance with the DM Service Terms that provision of Dynamic Moderation can resume from that Response Unit ;
“Registered DM Participant”	a Registered Service Provider who has registered with NGESO as eligible to participate in the procurement of Dynamic Moderation , which shall include acceding to the DM Procurement Documents ;
“Registration Documents”	the documents and/or systems and processes required by NGESO from time to time to be completed and/or performed to enable registration of an entity as a Registered DM Participant , as more particularly described in the DM Participation Guidance Document ;
“Registered Quantity”	in relation to any Eligible Asset , the maximum amount of Response capable of being delivered as Dynamic Moderation as validated by NGESO ;
“Registered Service Provider”	an entity who has submitted the relevant Registration Documents and to whom NGESO has confirmed is subsequently registered as such;
“Relevant Metering”	the BSC accredited half hourly metering registered to each Eligible Asset ;
“Response Energy Volume”	in relation to any Response Unit and EFA Block , the volume of stored Active Energy (MWh) (or capability to store energy) that a Response Unit should be capable of delivering before becoming unavailable due to exhaustion (calculated as the Contracted Quantity multiplied by the Delivery Duration);

“Response Unit”	a collection of one or more Eligible Assets registered as such by a Registered DM Participant at the relevant time in accordance with the prevailing rules published by NGESO for such purpose;
“Secondary Service Provider”	as defined in paragraph 21 of the DM Service Terms ;
“Service Provider”	a Registered DM Participant which is NGESO’s counterparty to a DM Response Contract ;
“Single Market Platform”	the online platform hosted by NGESO comprising (inter alia) the Registration Documents and which facilitates the pre-qualification of Eligible Assets and their allocation and reallocation to Response Units ;
“Stacking Guidance”	the prevailing document titled “Unlocking Stacking of BOAs with Frequency Response Services” published by or on behalf of NGESO from time to time setting out the rules for simultaneous provision from the same Response Unit of Balancing Services (including Dynamic Containment , Dynamic Moderation and Dynamic Restoration and the Balancing Mechanism);
“State of Energy”	the prevailing state of charge of a battery representing its available Active Power Output and Demand ;
“Test Certificate”	as defined in the Testing Documents ;
“Testing Documents”	the prevailing documents titled “DM Testing Guidelines”, “DM Testing Analysis Tool” and “DM Testing Analysis Tool user guide” governing the testing of Eligible Assets for participation in the procurement of Dynamic Moderation , referred to in and/or forming a part of the DM Participation Guidance Document ;
“Transfer Notice”	as defined in paragraph 21 of the DM Service Terms ;
“Transfer Period”	the period described as such in a Transfer Notice as may be shortened upon the cancellation or withdrawal of that Transfer Notice or otherwise in accordance with paragraph 21 of the DM Service Terms ; and
“Unique Identifier Code”	the discrete and unique code generated and allocated to each Registered Service Provider .