

Dynamic Regulation Service Glossary

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Version: 1.0

Effective From: 8/04/2022

Date Published: 11/03/2022

Website: <https://www.nationalgrideso.com>

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Part 1 – Introduction

1. This **DR Service Glossary** shall apply to the **DR Auction Rules**, the **DR 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 **DR Service Glossary** (in this document, a “**Relevant DR Service Document**”).
2. Any capitalised term used in this **DR Service Glossary** shall have the meaning given to it (if any) in Part 3 below.
3. Unless defined in Part 3 below, or the context otherwise requires, any capitalised term used in this **DR Service Glossary** shall have the meaning given to it (if any) in the prevailing **Balancing Services Glossary of General Terms and Rules of Interpretation**.
4. Subject always to paragraph 5 below, **NGESO** may update this **DR 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 **DR 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 Regulation** (and by reference to those provisions of the **DR 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 Regulation**), any variation to this **DR Service Glossary** will be proposed and implemented in accordance with the applicable requirements in the **Electricity Balancing Regulation**.

Part 2 – Rules of Interpretation

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

Part 3 – Dynamic Regulation Specific Terms

7. In each of the **Relevant DR Service Documents**, unless the context otherwise requires, any capitalised term used therein shall have the meaning given to it (if any) in this Part 3, which also sets out the order of priority of **Relevant DR Service Documents**.

Order of priority of Relevant DR Service Documents

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

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

“Auction Opening Time”	in respect of the EFA Blocks falling in any DR Service Day , 08.00 hours on the fourteenth EFA Day which immediately precedes that DR Service Day ;
“Auction Results Time”	in respect of the EFA Blocks falling in any DR Service Day , 15.00 hours on the EFA Day which immediately precedes that DR Service Day ;
“Availability Payment”	with respect to a DR Response Contract , an amount calculated in accordance with the applicable formula in the Schedule 2 to the DR Service Terms ;
“BM Participating”	in respect of any Response Unit , means that for the duration of a DR Service Day) it is or will be registered as a BM Unit ;
“Buy Order Price Limit”	in respect of any DR Buy Order , the maximum Market Clearing Price(s) as determined by NGESO at its sole discretion;
“Cancellation Notice”	as defined in paragraph 21 of the DR Service Terms ;
“Child Block”	in respect of any Response Unit and DR Product , a DR Sell Order whose acceptance is dependent on the acceptance of another DR Sell Order for that same DR Product 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 Regulation in accordance with a DR Response Contract ;
“Contracted EFA Block”	an EFA Block the subject of a DR Response Contract ;
“Curtaillable”	the capability of a DR 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 DR Auction Rules ;
“DR Auction Rules”	the prevailing document titled “Dynamic Regulation Auction Rules” published by or on behalf of NGESO from time to time governing procurement by NGESO of Dynamic Regulation through the submission of Orders and the formation of DR Response Contracts ;
“Data Concentrator”	a software platform utilised by NGESO for the receipt of DR 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 sixty (60) 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”	as defined in paragraph 6 of the DR Service Terms ;
“DR Buy Order”	an Order submitted by NGESO in accordance with paragraph 6 of the DR Auction Rules comprising its requirement for the procurement of a DR Product in each EFA Block during DR

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

	terms and conditions governing DR Response Contracts ;
“DRSC Liable User”	any Service Provider whose DR Response Contract renders it a Demand Response Provider by virtue of the relevant Response Unit comprising a source of controllable Demand ;
“Dynamic Regulation”, or “DR”	a slow-acting pre-fault (low or high Frequency) Balancing Service designed to contain System Frequency in the event of a 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 Regulation ;
“Energy Limited”	a classification given for the purposes of Dynamic Regulation 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;
“Independent Technical Expert”	as defined in the DR Testing Documents ;
“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 DR Auction Rules ;
“Loop Block”	in respect of any Response Unit and DR Product , a DR Sell Order defined over one or more EFA Blocks in a DR Service Day which stipulates that its acceptance is a pre-condition to acceptance of one other Loop Block for another DR Product , each of such Loop Blocks relating to the same or different EFA Block(s) in the same DR Service Day and together constituting a Loop Family ;
“Malicious Software”	as defined in paragraph 17 of the DR Auction Rules ;

“Market Clearing Price”	for each EFA Block and DR Product , the price (£/MW/h) of the highest executed DR Sell Order (so that, in each DR Service Day and for any DR Product , there shall be six (6) Market Clearing Prices each attributable to a single EFA Block ;
“Market Clearing Rules”	the rules set out or referred to in paragraph 8 of the DR Auction Rules ;
“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 DR Service Terms ;
“Minimum Acceptance Ratio”	for each Loop Block , the extent to which it is Curtailable being a range from zero (fully Curtailable) to 1 (not Curtailable);
“Monthly Statement”	as defined in Schedule 3 of the DR 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 DR 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 DR Service Terms ;
“Order”	a DR Buy Order or a DR Sell Order (as the context admits);
“Parent Block”	in respect of any Response Unit and DR Product , a DR Sell Order which stipulates that its acceptance is a pre-condition to acceptance of one or more other DR Sell Orders for that same DR Product (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 Regulation (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 DR Service Terms ;
“Re-Arming Instruction”	as defined in paragraph 6 of the DR Service Terms ;
“Registered DR Participant”	a Registered Service Provider who has registered with NGESO as eligible to participate in the procurement of Dynamic Regulation , which shall include acceding to the DR 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 DR Participant , as more particularly described in the DR Participation Guidance Document ;

“Registered Quantity”	in relation to any Eligible Asset , the maximum amount of Response capable of being delivered as Dynamic Regulation 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 DR 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 DR Service Terms ;
“Service Provider”	a Registered DR Participant which is NGESO’s counterparty to a DR 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 (Dynamic Regulation and other Response services, 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 “DR Testing Guidelines”, “DR Testing Analysis Tool” and “DR Testing Analysis Tool user guide” governing the testing of Eligible Assets for participation in the procurement of Dynamic Regulation , referred to in and/or forming a part of the DR Participation Guidance Document ;
“Transfer Notice”	as defined in paragraph 21 of the DR 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 DR Service Terms ; and

"Unique Identifier Code"	the discrete and unique code generated and allocated to each Registered Service Provider .
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