All Recipients of the Serviced Grid Code

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THE SERVICED GRID CODE – ISSUE 6 REVISION 48

INCLUSION OF REVISED SECTION

- General Conditions

SUMMARY OF CHANGES

The change arises from a new Electrical Standards document as follows:

EDL Instruction Interface Valid Reason Codes

Many thanks,

Code Administrator

National Energy System Operator

THE GRID CODE

ISSUE 6

REVISION 48

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GENERAL CONDITIONS
(GC)

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GC.1 INTRODUCTION

GC.1.1 The **General Conditions** contain provisions which are of general application to all provisions of the Grid Code. Their objective is to ensure, to the extent possible, that the various sections of the Grid Code work together and work in practice for the benefit of all **Users**.

GC.2 SCOPE

GC.2.1 The **General Conditions** apply to all **Users** (including, for the avoidance of doubt, **The Company**).

GC.3 UNFORESEEN CIRCUMSTANCES

GC.3.1 If circumstances arise which the provisions of the Grid Code have not foreseen, **The Company** shall, to the extent reasonably practicable in the circumstances, consult promptly and in good faith all affected **Users** in an effort to reach agreement as to what should be done. If agreement between **The Company** and those **Users** as to what should be done cannot be reached in the time available, **The Company** shall determine what is to be done. Wherever **The Company** makes a determination, it shall do so having regard, wherever possible, to the views expressed by **Users** and, in any event, to what is reasonable in all the circumstances. Each **User** shall comply with all instructions given to it by **The Company** following such a determination provided that the instructions are consistent with the then current technical parameters of the particular **User's System** registered under the Grid Code. **The Company** shall promptly refer all such unforeseen circumstances and any such determination to the **Panel** for consideration in accordance with GC.4.2(e).

GC.4 NOT USED

GC.5 COMMUNICATION BETWEEN THE COMPANY AND USERS

GC.5.1 Unless otherwise specified in the Grid Code, all instructions given by **The Company** and communications (other than relating to the submission of data and notices) between a) **The Company** and **Network Operators**, and b) **The Company** and **Non-Embedded Customers**, shall take place between **The Company's Control Engineer** based at **The Company's Control Centre** notified by **The Company** to each **Network Operator** and **Non-Embedded Customer** prior to connection, and the relevant **User's Responsible Engineer/Operator**. In the case of a **Network Operator**, the **Responsible Engineer/Operator** shall be based at the **Control Centre** notified by the **Network Operator** to **The Company** prior to connection.

GC.5.2 Unless otherwise specified in the Grid Code, all instructions given by **The Company** and communications (other than relating to the submission of data and notices) between **The Company** and **Generators** or **DC Converter Station** owners or **HVDC System Owners** or **Suppliers** or **Interconnectors**, shall take place between:-

i) **The Company's Control Engineer** based at **The Company's Control Centre** to each **Generator's** or **DC Converter Station** owner's or **Interconnector's** or **HVDC System Owner's Control Point** or **Trading Point** (if one has been established) prior to connection, or:-

ii) **The Company's Control Engineer** based at **The Company's Control Centre** to the **Trading Point** or **Control Point** of each **Supplier** (if they have one) prior to submission of **BM Unit Data**.

Prior to connection or the submission of **BM Unit Data** as provided for in GC5.2(i) and (ii), **Generators**, **DC Converter Station** owners, **HVDC System Owners**, **Interconnectors** and **Suppliers**, shall notify **The Company** of contact details and communication routes in respect of their **Control Point** and **Trading Point** (as relevant) to permit the submission of operational data as specified in each relevant section of the Grid Code. In the absence of notification to the contrary, the **Control Point** of a **Generator's Power Station** will be deemed to be the **Power Station** at which the **Generating Units** or **Power Park Modules** are situated.

GC.5.3 Unless otherwise specified in the Grid Code, all instructions given by **The Company** and communications (other than relating to the submission of data and notices) between **The Company** and **Users** will be given by means of the **Control Telephony** referred to in CC.6.5.2 or ECC.6.5.2.

GC.5.4 Where location and contact arrangements of **The Company's Control Centre** changes or the location and contact arrangements of a **Network Operator's Control Centre** changes, whether due to an emergency or for any other reason, **The Company** shall notify the relevant **Network Operator** or the **Network Operator** shall notify **The Company**, as the case may be, of the new location and any changes to the **Control Telephony** or **System Telephony** necessitated by such move, as soon as practicable following the move.

GC.5.5 If any **Trading Point** notified to **The Company** by a **Generator** or **DC Converter Station** owner or **HVDC System Owner** or **Interconnector** prior to connection, or by a **Supplier** prior to submission of **BM Unit Data**, is moved to another location or is shut down, the **Generator**, **DC Converter Station** owner, **HVDC System Owner**, **Interconnector** or **Supplier** shall immediately notify **The Company**.

GC.5.6 The recording (by whatever means) of instructions or communications given by means of **Control Telephony** or **System Telephony** will be accepted by **The Company** and **Users** as evidence of those instructions or communications.

GC.6 MISCELLANEOUS

GC.6.1 Data and Notices

GC.6.1.1 Data and notices to be submitted either to **The Company** or to **Users** under the Grid Code (other than data which is the subject of a specific requirement of the Grid Code as to the manner of its delivery) shall be delivered in writing either by hand or sent by first-class pre-paid post, or by facsimile transfer or by electronic mail to a specified address or addresses previously supplied by **The Company** or the **User** (as the case may be) for the purposes of submitting that data or those notices.

GC.6.1.2 References in the Grid Code to "in writing" or "written" include typewriting, printing, lithography, and other modes of reproducing words in a legible and non-transitory form and in relation to submission of data and notices includes electronic communications.

GC.6.1.3 Data delivered pursuant to paragraph GC.6.1.1, in the case of data being submitted to **The Company**, shall be addressed to the **Transmission Control Centre** at the address notified by **The Company** to each **User** prior to connection, or to such other Department within **The Company** or address, as **The Company** may notify each **User** from time to time, and in the case of notices to be submitted to **Users**, shall be addressed to the chief executive of the addressee (or such other person as may be notified by the **User** in writing to **The Company** from time to time) at its address(es) notified by each **User** to **The Company** in writing from time to time for the submission of data and service of notices under the Grid Code (or failing which to the registered or principal office of the addressee).

GC.6.1.4 All data items, where applicable, will be referenced to nominal voltage and **Frequency** unless otherwise stated.

GC.7 OWNERSHIP OF PLANT AND/OR APPARATUS

References in the Grid Code to **Plant** and/or **Apparatus** of a **User** include **Plant** and/or **Apparatus** used by a **User** under any agreement with a third party.

GC.8 SYSTEM CONTROL

Where a **User's System** (or part thereof) is, by agreement, under the control of **The Company**, then for the purposes of communication and co-ordination in operational timescales **The Company** can (for those purposes only) treat that **User's System** (or part thereof) as part of the **National Electricity Transmission System**, but, as between **The Company** and **Users**, it shall remain to be treated as the **User's System** (or part thereof).

GC.9 EMERGENCY SITUATIONS

Users should note that the provisions of the Grid Code may be suspended, in whole or in part, during a Security Period, as more particularly provided in the **Fuel Security Code**, or pursuant to any directions given and/or orders made by the **Secretary of State** under section 96 of the **Act** or under the Energy Act 1976.

GC.10 MATTERS TO BE AGREED

Save where expressly stated in the Grid Code to the contrary where any matter is left to **The Company** and **Users** to agree and there is a failure so to agree the matter shall not without the consent of both **The Company** and **Users** be referred to arbitration pursuant to the rules of the **Electricity Supply Industry Arbitration Association**.

GC.11 GOVERNANCE OF ELECTRICAL STANDARDS

GC.11.1 In relation to the **Electrical Standards** the following provisions shall apply.

GC.11.2 (a) If a **User**, **The Company**, **NGET**, a **Relevant Scottish Transmission Licensee** or an **Offshore Transmisson Licensee** wishes to:

(i) raise a change to an **Electrical Standard**;

(ii) add a new standard to the list of **Electrical Standards**;

(iii) delete a standard from being an **Electrical Standard**,

it shall activate the **Electrical Standards** procedure.

The Company, **NGET**, **SPT**, **SHETL**, **Offshore Transmission Licensee** or a **User** may activate the **Electrical Standards** procedure in relation to the **Electrical Standards** in (b) in the annex to the **General Conditions**.

The Company, **NGET**, a relevant **Offshore Transmission Licensee** or a **User** may activate the **Electrical Standards** procedure in relation to the **Electrical Standards** in (a) in the annex to the **General Conditions**.

The Company, **SPT**, a relevant **Offshore Transmission Licensee** or a **User** may activate the **Electrical Standards** procedure in relation to the **Electrical Standards** in (c) in the annex to the **General Conditions**.

The Company, **SHETL**, a relevant **Offshore Transmission Licensee** or a **User** may activate the **Electrical Standards** procedure in relation to the **Electrical Standards** in (d) in the annex to the **General Conditions**.

(b) The **Electrical Standards** procedure is the notification to the secretary to the **Panel** of the wish to so change, add or delete an **Electrical Standard**. That notification must contain details of the proposal, including an explanation of why the proposal is being made.

GC.11.3 Ordinary Electrical Standards Procedure

(a) Unless it is identified as an urgent **Electrical Standards** proposal (in which case GC.11.4 applies) or unless the notifier requests that it be tabled at the next **Panel** meeting, as soon as reasonably practicable following receipt of the notification, the **Panel** secretary shall forward the proposal, with a covering paper, to **Panel Members**.

(b) If no objections are raised within 20 Business Days of the date of the proposal, then it shall be deemed approved pursuant to the **Electrical Standards** procedure, and **The Company** shall make the change to the relevant **Electrical Standard** or the list of **Electrical Standards** contained in the Annex to this GC.11.

(c) If there is an objection (or if the notifier had requested that it be tabled at the next **Panel** meeting rather than being dealt with in writing), then the proposal will be included in the agenda for the next following **Panel** meeting.

(d) If there is broad consensus at the **Panel** meeting in favour of the proposal, **The Company** will make the change to the **Electrical Standard** or the list of **Electrical Standards** contained in the Annex to this GC.11.

(e) If there is no such broad consensus, including where the **Panel** believes that further consultation is needed, **The Company** will establish a **Panel** working group if this was thought appropriate and in any event **The Company** shall undertake a consultation of **Authorised Electricity Operators** liable to be materially affected by the proposal.

(f) Following such consultation, **The Company** will report back to **Panel Members**, either in writing or at a **Panel** meeting. If there was broad consensus in the consultation, then **The Company** will make the change to the **Electrical Standard** or the list of **Electrical Standards** contained in the Annex to this GC.11.

(g) Where following such consultation there is no broad consensus, the matter will be referred to the **Authority** who will decide whether the proposal should be implemented and will notify **The Company** of its decision. If the decision is to so implement the change, **The Company** will make the change to the **Electrical Standard** or the list of **Electrical Standards** contained in the Annex to this GC.11.

(h) In all cases where a change is made to the list of **Electrical Standards**, **The Company** will publish and circulate a replacement page for the Annex to this GC covering that list and reflecting the change.

GC.11.4 Urgent Electrical Standards Procedure

(a) If the notification is marked as an urgent **Electrical Standards** proposal, the **Panel** secretary will contact **Panel Members** in writing to see whether a majority who are contactable agree that it is urgent and in that notification the secretary shall propose a timetable and procedure which shall be followed.

(b) If such members do so agree, then the secretary will initiate the procedure accordingly, having first obtained the approval of the **Authority**.

(c) If such members do not so agree, or if the **Authority** declines to approve the proposal being treated as an urgent one, the proposal will follow the ordinary **Electrical Standards** procedure as set out in GC.11.3 above.

(d) If a proposal is implemented using the urgent **Electrical Standards** procedure, **The Company** will contact all **Panel Members** after it is so implemented to check whether they wish to discuss further the implemented proposal to see whether an additional proposal should be considered to alter the implementation, such proposal following the ordinary **Electrical Standards** procedure.

GC.12 CONFIDENTIALITY

GC.12.1 **Users** should note that although the Grid Code contains in certain sections specific provisions which relate to confidentiality, the confidentiality provisions set out in the **CUSC** apply generally to information and other data supplied as a requirement of or otherwise under the Grid Code. To the extent required to facilitate the requirements of the **EMR Documents**, **Users** that are party to the Grid Code but are not party to the **CUSC Framework Agreement** agree that the confidentiality provisions of the **CUSC** are deemed to be imported into the Grid Code.

GC.12.2 **The Company** has obligations under the **STC** to inform **Relevant Transmission Licensees** of certain data. **The Company** may pass on **User** data to a **Relevant Transmission Licensee** where:

(a) **The Company** is required to do so under a provision of Schedule 3 of the **STC**; and/or

(b) permitted in accordance with PC.3.4, PC.3.5 and OC2.2.1.

GC.12.3 **The Company** has obligations under the **EMR Documents** to inform **EMR Administrative Parties** of certain data. **The Company** may pass on **User** data to an **EMR Administrative Party** where **The Company** is required to do so under an **EMR Document**.

GC.12.4 **The Company** may use **User** data for the purpose of carrying out its **EMR Functions**.

GC.13 RELEVANT TRANSMISSION LICENSEES

GC.13.1 It is recognised that the **Relevant Transmission Licensees** are not parties to the Grid Code. Accordingly, notwithstanding that Operating Code No. 8 Appendix 1 (“OC8A”) and Appendix 2 ("OC8B"), OC7.6, OC9.4 and OC9.5 refer to obligations which will in practice be performed by the **Relevant Transmission Licensees** in accordance with relevant obligations under the **STC**, for the avoidance of doubt all contractual rights and obligations arising under OC8A, OC8B, OC7.6, OC9.4 and OC9.5 shall exist between **The Company** and the relevant **User** and in relation to any enforcement of those rights and obligations OC8A, OC8B, OC7.6, OC9.4 and OC9.5 shall be so read and construed. The **Relevant Transmission Licensees** shall enjoy no enforceable rights under OC8A, OC8B, OC7.6, OC9.4 and OC9.5 nor shall they be liable (other than pursuant to the **STC**) for failing to discharge any obligations under OC8A, OC8B, OC7.6, OC9.4 and OC9.5.

GC.13.2 For the avoidance of doubt nothing in this Grid Code confers on any **Relevant Transmission Licensee** any rights, powers or benefits for the purpose of the Contracts (Rights of Third Parties) Act 1999.

GC.14 BETTA TRANSITION ISSUES

GC.14.1 NOT USED.

GC.15 EMBEDDED EXEMPTABLE LARGE AND MEDIUM POWER STATIONS

GC.15.1 NOT USED.

GC.16 SYSTEM DEFENCE PLAN, SYSTEM RESTORATION AND TEST PLAN

GC.16.1 In relation to the **System Defence Plan**, **System Restoration Plan** and **Test Plan** the following provisions shall apply.

GC.16.2 If a **User** or **The Company**, wishes to raise a change to the **System Defence Plan**, **System Restoration Plan** or **Test Plan**, they shall notify the **Panel Secretary** of the proposed change to the **System Defence Plan**, **System Restoration Plan** or **Test Plan**.

In respect of the **System Defence Plan** the proposal shall not change the characteristics of the service to be provided or the conditions for aggregation, as any such changes that relate to the terms and conditions for **Defence Service Providers**; as set out in Article 4 paragraph 4 of **Assimilated Law** (Commission Regulation (EU) 2017/2196), as amended by Statutory Instrument 533 (2019); is subject to a separate change procedure. That notification must contain details of the proposal, including an explanation of why the proposal is being made.

In respect of the **System Restoration Plan**, the proposal shall not change the characteristics of the service to be provided or conditions for aggregation or the target geographical distribution of power sources with **System Restoration** and island operation capabilities, as any such changes that relate to the terms and conditions for **Restoration Service Providers**; as set out in Article 4 paragraph 4 of **Assimilated Law** (Commission Regulation (EU) 2017/2196), as amended by Statutory Instrument 533 (2019); is subject to a separate change procedure. . That notification must contain details of the proposal, including an explanation of why the proposal is being made.

In respect of the **Test Plan**, the proposal shall include an explanation of why the proposal is being made.

Any such change proposals shall take into account the legitimate expectations, where necessary, of **User's**, **Defence Service Providers** or **Restoration Service Providers** based on the initially specified or agreed requirements or methodologies.

GC.16.3 Ordinary Procedure

(a) Unless it is identified as an urgent proposal (in which case GC.16.4 applies) or unless the notifier requests that it be tabled at the next **Panel** meeting, as soon as reasonably practicable following receipt of the notification, the **Panel Secretary** shall forward the proposal, with a covering paper, to **Panel Members** and a consultation of not less than one month shall be undertaken.

(b) For the **System Defence Plan** and the **System Restoration Plan** if no objections are raised following the consultation, then the modification shall be deemed approved, and **The Company** shall make the change to the **System Defence Plan** or the **System Restoration Plan**, and the **Panel Secretary** shall as soon as reasonably possible, publish it on **The Company's Website** and inform **Users** and other persons who may be interested.

(c) If there is an objection (or if the notifier had requested that it be tabled at the next **Panel** meeting rather than being dealt with in writing), then the proposal to change the **System Defence Plan** or **System Restoration Plan** or **Test Plan** will be included on the agenda for the next **Panel** meeting.

(d) For the **System Defence Plan** and the **System Restoration Plan** if there is a majority consensus at the **Panel** meeting in favour of the proposal, **The Company** will make the change to the **System Defence Plan** or the **System Restoration Plan** as soon as reasonably possible and the **Panel Secretary** shall publish it on **The Company's Website** and inform **Users** and other persons who may be interested.

(e) If there is no such majority consensus in respect of the **System Defence Plan** or the **System Restoration Plan** or the **Test Plan**, **The Company** will request guidance from the **Panel** on an appropriate way forward**.** If the **Panel** decides a working group is required then the procedure under GR15 shall apply unless otherwise directed by **The Authority**.

(f) In the case of a modification to the **Test Plan**, it shall be submitted to **The Authority** for approval. If approved **The Company** will make the change to the **Test Plan** as soon as reasonably possible and the **Panel Secretary** shall publish it on **The Company's Website** and inform **Users** and other persons who may be interested.

GC.16.4 Urgent Procedure

(a) If the notification to change the **System Defence Plan** or **System Restoration Plan** or **Test Plan** is marked as an urgent proposal, the **Panel Secretary** will contact **Panel Members** in writing to see whether a majority who are contactable agree that it is urgent and in that case the **Panel Secretary** shall propose a timetable and procedure which shall be followed. The **Panel Secretary** shall as soon as reasonably possible, publish the proposal on **The Company's Website** and inform **User's** and other persons who may be interested.

(b) If such **Panel Members** do so agree, then the **Panel Secretary** will initiate the procedure accordingly, having first obtained the approval of **The Authority** that urgency is warranted in accordance with the criteria set out in **The Authority's** published guidance.

(c) If such **Panel Members** do not so agree, or if **The Authority** declines to approve the proposal being treated as an urgent one, the proposal will follow the ordinary procedure as set out in GC.16.3.

(d) If a proposal to change the **System Defence Plan** or **System Restoration Plan** is developed using the urgent procedure, **The Company** will contact all **Panel Members** after it is agreed as being urgent to check whether they wish to discuss further the proposal to see whether an additional proposal should be considered to alter the implementation, such proposal following the ordinary procedure as provided for in GC.16.3 or, if agreed by **The Authority**, urgency as provided for in GC16.4.

GC.17 DIRECTIONS RELATED TO NATIONAL SECURITY

GC.17.1 The **Secretary of State** may issue a direction to **The Company** as referred to in condition B4 of the **ESO Licence** where in the opinion of the **Secretary of State** there is a risk relating to national security that may detrimentally impact the resilience, safety or security of the energy system, or the continuity of essential services, and it is in the interest of national security that a direction should be issued to **The Company.**

GC.17.2 **The Company** must comply with any such direction that has been issued by the **Secretary of State**. **Users** should note that **The Company** is not required to comply with any other obligation in the **ESO licence** where and to the extent that compliance with that obligation would be inconsistent with the requirement to comply with such a direction, for the period set out in the direction. This includes the requirement set out in condition E3 of **ESO licence** to comply with this **Grid Code**.

GC.17.3 **The Company** is required under condition B4 of its **ESO Licence** to inform the **Secretary of State** of any conflict with the obligations as identified in GC.17.2 as soon as reasonably practicable after the conflict is identified. **The Company** will include in such a notice, details of any identified impact or non-compliance that will be caused or will be likely to be caused to **Users,** and in such a case will also seek clarification of whether this can be shared with the affected **User**.

GC.17.4 Where reasonably practicable and subject to the agreement of the **Secretary of State** to share any such specific details, **The Company** will inform affected **Users** as identified in GC.17.3 of what actions **The Company** will take or has taken, or not taken, to comply with a direction or amended direction (including when such a direction is revoked) and what identified impact or non-compliance this will or is likely to cause to the **User**.

GC.17.5 **The Company's** obligations under this code shall be suspended without liability where and to the extent that compliance with any such obligation would be inconsistent with the requirement upon **The Company** to comply with a direction.

GC.17.6 **A User's** obligations under this code shall be suspended without liability where and to the extent that the **User** is unable to comply with any such obligation as a result of any action taken, or not taken, by **The Company** to comply with a direction.

GC.17.7 The **Secretary of State** may at any time amend or revoke any direction issued to **The Company** as referred to in condition B4 of the **ESO Licence**

GC.18 ADVISORY AND INFORMATION REQUESTS

GC.18.1 **The Company** is required to provide advice, analysis or information to the **Authority** or to a **Minister of the Crown** when requested in accordance with section 171 of the **Energy Act 2023** and condition D1 of the **ESO Licence** and **GSP Licence**.

GC.18.2 **The Company** may by notice request from **Users** such information as it reasonably requires in connection with the exercise of any of its functions, in accordance with section 172 of the **Energy Act 2023**. It will do so by the issue of an **Information Request Notice**. The purposes of this may include to assist in the fulfilment of a request for advice, analysis or information as set out in GC.18.1.

GC.18.3 **The Company** is required by condition D2 of the **ESO Licence** and **GSP Licence** to prepare, submit for approval by the **Authority** and publish on its website once approved an **Information Request Statement** that sets out further detail on the process **The Company** expects to follow when requesting information from other parties.

The **Information Request Statement** must include, but need not be limited to, the following matters as set out in condition D2.5 of the **ESO Licence** and **GSP Licence**:

(a) the process **The Company** expects to follow when issuing an **Information Request Notice**, including any further detail around the expected engagement between **The Company** and recipient of an **Information Request Notice**; and

(b) the details to be included in an **Information Request Notice** issued by **The Company**.

GC.18.4 A **User** to whom a request is made under GC.18.2 must, so far as reasonably practicable, provide the requested information within such reasonable period, and in such reasonable form and manner, as may be specified in the **Information Request Notice**.

GC.18.5 **The Company** must, unless the **Authority** otherwise consents, maintain for a period of 6 years and provide to the **Authority** where required a record of information requests as detailed in condition D2.12 of the **ESO Licence** and **GSP Licence** including

(a) a copy of the **Information Request Notice**;

(b) any subsequent variations to the original information requested;

(c) the recipient's response to the notice, including any refusal or challenges to the notice or requested information;

(d) the time taken for the recipient to provide the requested information;

(e) the manner and form the information was provided in; and

(f) the information provided in response to the notice, and whether such information complied, in **The Company**'s view, with the **Information Request Notice**

ANNEX TO THE GENERAL CONDITIONS

The **Electrical Standards** are as follows:

(a) **Electrical Standards** applicable for **NGET's Transmission System**

The Relevant Electrical Standards Document (RES)		Reference	Issue	Date
Parts 1 to 3			3.0	March 2018
Part 4 – Specific Requirements				
1	Back-Up Protection Grading across NGET's and other Network Operator Interfaces	PS(T)044(RES)	1.0	September 2014
2	Ratings and General Requirements for Plant, Equipment, Apparatus and Services for the National Grid System and Connections Points to it.	TS 1 (RES)	1.0	February 2018
3	Substations	TS 2.01 (RES)	1.0	February 2018
4	Switchgear	TS 2.02 (RES)	1.0	October 2014
5	Substation Auxiliary Supplies	TS 2.12 (RES)	1.0	October 2014
6	Ancillary Light Current Equipment	TS 2.19 (RES)	1.0	October 2014
7	Substation Interlocking Schemes	TS 3.01.01 (RES)	1.0	February 2018
8	Earthing Requirements	TS 3.01.02 (RES)	1.0	October 2014
9	Circuit Breakers	TS 3.02.01 (RES)	2.0	February 2018
10	Disconnectors and Earthing Switches	TS 3.02.02 (RES)	1.0	October 2014
11	Current Transformers for Protection and General Use on the 132kV, 275kV and 400kV Systems	TS 3.02.04 (RES)	1.0	October 2014
12	Voltage Transformers	TS 3.02.05 (RES)	1.0	September 2016
13	Bushings	TS 3.02.07 (RES)	1.0	October 2014
14	Solid Core Post Insulators for Substations	TS 3.02.09 (RES)	1.0	October 2014
15	Voltage Dividers	TS 3.02.12 (RES)	1.0	September 2016
16	Gas Insulated Switchgear	TS 3.02.14 (RES)	1.0	October 2014
17	Environmental and Test Requirements for Electronic Equipment	TS 3.24.15 (RES)	1.0	October 2014
18	Busbar Protection	TS 3.24.34 (RES)	1.0	October 2014
19	Circuit Breaker Fail Protection	TS 3.24.39 (RES)	1.0	October 2014
20	Synchronising And Voltage Selection	TS.3.24.60 (RES)	2.0	January 2018
21	System Monitor – Dynamic System Monitoring (DSM)	TS 3.24.70 (RES)	2.0	February 2018
22	System Monitoring – Fault Recording	TS 3.24.71 (RES)	1.0	February 2018
23	Protection & Control for HVDC Systems	TS 3.24.90 (RES)	1.0	October 2014
24	Ancillary Services Business Monitoring	TS 3.24.95 (RES)	2.0	February 2018

25	Operational Data Transmission	TS 3.24.100 (RES)	1.0	February 2018
26	Guidance for Working in Proximity to Live Conductors	TGN(E)186 (RES)	1.0	October 2018
Additional Requirements				

(b) Electronic data communications facilities and other requirements applicable in all **Transmission Areas**.

Communications Standards for Electronic Data Communication Facilities and Automatic Logging Devices	Version 9	8th April 2025
EDT Interface Specification	Issue 5	8th April 2025
EDT Submitter Guidance Note	Issue 1	21st Dec 2001
EDL Message Interface Specification	Issue 8	13th April 2026
EDL Instruction Interface Valid Reason Codes	Issue 12	3rd November 2026
MODIS Interface Specification	Version 4	26th May 2015
Control Telephony Electrical Standard	Issue 4	8th April 2025
Distribution Restoration Zone Control System High Level Functional Requirements	1.0	8th June 2024
Electromagnetic Transient (EMT) Model Requirements and the Approach & Process for Retrospective Submission	Issue 1.0	8th October 2026

(c) Scottish **Electrical Standards** applicable for **SPT's Transmission System**.

RES-01-100	Relevant Electrical Standards for Plant, Equipment and Apparatus for connection to the SP Transmission System	Issue 1

(d) Scottish **Electrical Standards** applicable for **SHETL's Transmission System**.

1.	NGTS 1:	Rating and General Requirements for Plant, Equipment, Apparatus and Services for the National Grid System and Direct Connection to it. Issue 3 March 1999.
2.	NGTS 2.1:	Substations. Issue 2 May 1995
3.	NGTS 3.1.1:	Substation Interlocking Schemes. Issue 1 October 1993.
4.	NGTS 3.2.1:	Circuit Breakers and Switches. Issue 1 September 1992.
5.	NGTS 3.2.2:	Disconnectors and Earthing Switches. Issue 1 March 1994.
6.	NGTS 3.2.3:	Metal-Oxide surge arresters for use on 132, 275 and 400kV systems. Issue 2 May 1994.
7.	NGTS 3.2.4:	Current Transformers for protection and General use on the 132, 275 and 400kV systems. Issue 1 September 1992.
8.	NGTS 3.2.5:	Voltage Transformers for use on the 132, 275 and 400 kV systems. Issue 2 March 1994.
9.	NGTS 3.2.6:	Current and Voltage Measurement Transformers for Settlement Metering of 33, 66, 132, 275 and 400kV systems. Issue 1 September 1992.
10.	NGTS 3.2.7:	Bushings for the Grid Systems. Issue 1 September 1992.
11.	NGTS 3.2.9:	Post Insulators for Substations. Issue 1 May 1996.
12.	NGTS 2.6:	Protection Issue 2 June 1994.
13.	NGTS 3.11.1:	Capacitors and Capacitor Banks. Issued 1 March 1993.

APPENDIX TO THE GENERAL CONDITIONS

PART A

NOT USED

PART B

GC.B.1 Introduction

GC.B.1.1 This Appendix Part B to the **General Conditions** deals with issues arising out of the transition associated with the approval and implementation of **Grid Code Modification Proposal** GC0112 (Modifications relating to the separation of **System** operations and **Transmission Owner** roles) The process and amendments referred to in this Appendix Part B took place before the designation of **The Company** as the **ISOP** and shall be construed accordingly, including where relevant being based on those arrangements that were in place at the time.

GC.B.1.2 This Appendix Part B sets out the arrangements such that:

B.1.2.1 the **Post GC0112 Grid Code** reflects the **Transfer of the System Operator Role**;

B.1.2.2 certain amendments are made to **Grid Code Related Agreements/Documents** to reflect the **Transfer of the System Operator Role**,

B.1.2.2 arrangements can be put in place prior to the **SO Transfer Date** to enable the transition of the operations with **NGET** under the **Pre GC0112 Grid Code** to operations with **The Company** under the **Post GC0112 Grid Code**; and

B.1.2.3 each **User** co-operates in relation to the transition.

GC.B.1.3 The provisions of the **Post GC0112 Grid Code** shall be suspended until the **SO Transfer Date** except for this Appendix Part B (and any related definitions within it) which will take immediate effect on the **Implementation Date** for **GC0112**.

GC.B.1.4 In this (and solely for the purposes of this) Appendix Part B the following terms have the following meaning:

B.1.4.1 the term "**Grid Code Related Agreements/Documents**" shall mean each or any of those agreements or documents entered into under or envisaged by the **Pre GC0112 Grid Code** prior to the **SO Transfer Date** which continue on and after the **SO Transfer Date**;

B.1.4.2 the term "**GC0112**" shall mean **Grid Code Modification Proposal 0112** (Amendments relating to the transfer of the system operator functions from **NGET** to **NGESO**);

B.1.4.3 the term "**NGET**" shall mean National Grid Electricity Transmission plc;

B.1.4.4 the term "**NGESO**" shall mean National Grid Electricity System Operator Limited (No. 11014226), the company name previously given to **The Company.";**

B.1.4.5 the term "**Post GC0112 Grid Code**" means the version of the Grid Code as amended by **GC0112**;

B.1.4.6 the term "**Pre GC Grid Code**" means the version of the Grid Code prior to amendment by **GC0112**;

B.1.4.7 the term "**SO Transfer Date**" means the date on which **NGET's Transmission Licence** is transferred in part to **NGESO** to reflect the **Transfer of the System Operator Role**; and

B.1.4.8 the term "**Transfer of the System Operator Role**" means the the transfer, by means of the transfer in part of **NGET's Transmission Licence**, of the system operator role to **NGESO/The Company**.

GC.B.1.5 Without prejudice to any specific provision under this Appendix Part B as to the time within which or the manner in which any party should perform its obligations under this Appendix Part B, where a party is required to take any step or measure under this Appendix Part B, such requirement shall be construed as including any obligation to:

B.1.5.1 take such step or measure as quickly as reasonably practicable; and

B.1.5.2 do such associated or ancillary things as may be necessary to complete such step or measure as quickly as reasonably practicable.

GC.B.2 **GC0112:** Amendments to Existing Agreements and Documents

GC.B.2.1 Each **Grid Code Related Agreement/Document** in place or issued by a party in accordance with the terms of the **Pre GC0112 Grid Code** shall be read and construed, with effect from the **SO Transfer Date**, as if it (and any defined terms within it and the effect of it and those defined terms) recognise and reflect the **Transfer of the SO Functions** and as if any references in it to **NGET** in the context of its system operator role were references to **NGESO/The Company** as appropriate.

GC.B.2.2 In the context of any **Site Responsibility Schedule** in existence at the **SO Transfer Date** and which would require, following the **Transfer of the System Operator Role**, the signature of either **NGESO** instead of **NGET** or both the signature of **NGESO** and **NGET**, **NGESO** and **NGET** acknowledge and the **Users** agree that the signature of **NGET** on such **Site Responsibility Schedule** shall be considered to be the signature of **NGESO** and/or **NGET** as appropriate.

GC.B.3 **GC0112:** Transition

GC.B.3.1 Each party shall take such steps and do such things in relation to the Grid Code and the **Grid Code Related Agreements/Documentation** as are within its power and as are reasonably necessary or appropriate in order to give full and timely effect to the **Transfer of the SO Role** and the transition of the operations, systems, process and procedures and the rights and obligations relating to the **Transfer of the SO Role** under the Grid Code from **NGET** to **NGESO**.

GC. B.3.2 Each party agrees that (a) all things done by **NGET** pursuant to the Grid Code in its system operator role prior to the **SO Transfer Date** shall be deemed to have been done by **NGESO** and (b) all things received by **NGET** pursuant to the Grid Code in its system operator role (including but not limited to notices) shall be deemed to have been received by **NGESO** and (c) all things issued by **NGET** (including but not limited to notices) shall be deemed to have been issued by **NGESO**.

GC.B.3.3 In particular:

B.1.5.1 **Users** acknowledge and agree that **NGET** can exchange information and data submitted by **Users** under the Grid Code prior to the **SO Transfer Date** with **NGESO** to the extent necessary to enable the transition of the system operator role from **NGET** to **NGESO**;

B.1.5.2 **NGET** will identify and publish as soon as practicable and in any event prior to 31 January 2019 any specific requirements (such requirements being reasonable and recognising the timescale) on **Users** necessary to manage the transition of the operations, systems, process and procedures and the rights and obligations relating to the **Transfer of the SO Role** under the Grid Code from **NGET** to **NGESO**;

B.1.5.2 **Users** acknowledge that under the **Pre GC0112 Grid Code NGET** received certain data and information from **Users** which is no longer “live” data or information (“**Legacy Data**”) that if it was new data and information of that type would not be available to **NGET** as a **Relevant Transmisison Licence** from the **SO Transfer Date** consent to the retention of such **Legacy Data** by **NGET** where embedded in **NGET** systems or models.

< END OF GENERAL CONDITIONS >

REVISIONS

(R)

(This section does not form part of the Grid Code)

R.1 **The ESO Licence** sets out the way in which changes to the Grid Code are to be made and reference is also made to **The Company's** obligations under the General Conditions.

R.2 All pages re-issued have the revision number on the lower left hand corner of the page and date of the revision on the lower right hand corner of the page.

R.3 The Grid Code was introduced in March 1990 and the first issue was revised 31 times. In March 2001 the New Electricity Trading Arrangements were introduced and Issue 2 of the Grid Code was introduced which was revised 16 times. At British Electricity Trading and Transmission Arrangements (BETTA) Go-Active Issue 3 of the Grid Code was introduced and subsequently revised 35 times. At Offshore Go-active Issue 4 of the Grid Code was introduced and has been revised 13 times since its original publication. Issue 5 of the Grid Code was published to accommodate the changes made by Grid Code Modification A/10 which has incorporated the **Generator** compliance process into the Grid Code, which was revised 47 times. Issue 6 was published to incorporate all the non-material amendments as a result of modification GC0136.

R.4 This Revisions section provides a summary of the sections of the Grid Code changed by each revision to Issue 6.

R.5 All enquiries in relation to revisions to the Grid Code, including revisions to Issues 1, 2, 3, 4 and 5 should be addressed to the Grid Code development team at the following email address:

Grid.Code@neso.energy

Revision	Section	Related Modification	Effective Date
0	Glossary & Definitions	GC0136	05 March 2021
0	Planning Code	GC0136	05 March 2021
0	Connection Conditions	GC0136	05 March 2021
0	European Connection Conditions	GC0136	05 March 2021
0	Demand Response Services	GC0136	05 March 2021
0	Compliance Processes	GC0136	05 March 2021
0	Europeans Compliance Processes	GC0136	05 March 2021
0	Operating Code 1	GC0136	05 March 2021
0	Operating Code 2	GC0136	05 March 2021
0	Operating Code 5	GC0136	05 March 2021
0	Operating Code 6	GC0136	05 March 2021
0	Operating Code 7	GC0136	05 March 2021
0	Operating Code 8	GC0136	05 March 2021
0	Operating Code 8A	GC0136	05 March 2021
0	Operating Code 8B	GC0136	05 March 2021
0	Operating Code 9	GC0136	05 March 2021
0	Operating Code 11	GC0136	05 March 2021
0	Operating Code 12	GC0136	05 March 2021
0	Balancing Code 2	GC0136	05 March 2021

Revision	Section	Related Modification	Effective Date
0	Balancing Code 3	GC0136	05 March 2021
0	Balancing Code 4	GC0136	05 March 2021
0	Balancing Code 5	GC0136	05 March 2021
0	Data Registration Code	GC0136	05 March 2021
0	General Conditions	GC0136	05 March 2021
0	Governance Rules	GC0136	05 March 2021
1	Glossary & Definitions	GC0130	18 March 2021
1	Operating Code 2	GC0130	18 March 2021
1	Data Registration Code	GC0130	18 March 2021
1	General Conditions	GC0130	18 March 2021
2	Glossary & Definitions	GC0147	17 May 2021
2	Operating Code 6B	GC0147	17 May 2021
2	Operating Code 7	GC0147	17 May 2021
2	Balancing Code 1	GC0147	17 May 2021
2	Balancing Code 2	GC0147	17 May 2021
3	Balancing Code 2	GC0144	26 May 2021
3	Balancing Code 4	GC0144	26 May 2021
4	Preface	GC0149	03 August 2021
4	Glossary & Definitions	GC0149	03 August 2021
4	Planning Code	GC0149	03 August 2021

Revision	Section	Related Modification	Effective Date
4	European Connection Conditions	GC0149	03 August 2021
4	European Compliance Processes	GC0149	03 August 2021
4	Demand Response Services Code	GC0149	03 August 2021
4	Operating Code 2	GC0149	03 August 2021
4	Balancing Code 4	GC0149	03 August 2021
4	Data Registration Code	GC0149	03 August 2021
4	Governance Rules	GC0149	03 August 2021
5	Operating Code 7	GC0109	23 August 2021
6	Connection Conditions	GC0134	01 September 2021
6	European Connection Conditions	GC0134	01 September 2021
6	Balancing Code 2	GC0134	01 September 2021
7	Operating Code 6B	GC0150	04 October 2021
8	Operating Code 2	GC0151	08 November 2021
8	Operating Code 3	GC0151	08 November 2021
8	Operating Code 5	GC0151	08 November 2021
9	Governance Rules	GC0152	29 December 2021
10	General Conditions	Electrical Standards - EDL Instruction Interface Valid Reason Codes	20 January 2022
11	Glossary & Definitions	GC0137	14 February 2022
11	Planning Code	GC0137	14 February 2022

Revision	Section	Related Modification	Effective Date
11	Connection Conditions	GC0137	14 February 2022
11	European Connection Conditions	GC0137	14 February 2022
11	European Compliance Processes	GC0137	14 February 2022
11	Data Registration Code	GC0137	14 February 2022
12	Glossary & Definitions	GC0153	09 March 2022
12	Connection Conditions	GC0153	09 March 2022
12	European Connection Conditions	GC0153	09 March 2022
12	Operating Code 6	GC0153	09 March 2022
12	Operating Code 8A	GC0153	09 March 2022
12	Operating Code 8B	GC0153	09 March 2022
12	Operating Code 12	GC0153	09 March 2022
12	Balancing Code 2	GC0153	09 March 2022
12	Governance Rules	GC0153	09 March 2022
13	Compliance Processes	GC0138	24 June 2022
13	European Compliance Processes	GC0138	24 June 2022
13	Operating Code 5	GC0138	24 June 2022
14	Glossary & Definitions	GC0157	06 October 2022
14	European Connection Conditions	GC0157	06 October 2022
14	Operating Code 2	GC0157	06 October 2022
14	Operating Code 5	GC0157	06 October 2022

Revision	Section	Related Modification	Effective Date
14	Data Registration Code	GC0157	06 October 2022
14	No changes to published Grid Code	GC0158	06 December 2022
15	Glossary & Definitions	GC0160	07 December 2022
15	Balancing Code 1	GC0160	07 December 2022
15	Balancing Code 2	GC0160	07 December 2022
16	Planning Code	GC0141	05 January 2023
16	Connection Conditions	GC0141	05 January 2023
16	European Connection Conditions	GC0141	05 January 2023
16	Compliance Processes	GC0141	05 January 2023
16	European Compliance Processes	GC0141	05 January 2023
17	Connection Conditions	GC0148	4 September 2023
17	European Compliance Processes	GC0148	4 September 2023
17	European Connection Conditions	GC0148	4 September 2023
17	General Conditions	GC0148	4 September 2023
17	Glossary & Definitions	GC0148	4 September 2023
17	Operating Code 5	GC0148	4 September 2023
17	Operating Code 6	GC0148	4 September 2023
17	Planning Code	GC0148	4 September 2023
18	Operating Code 6	GC0161	2 October 2023
19	European Connection Conditions	GC0165	4 December 2023

Revision	Section	Related Modification	Effective Date
19	Operating Code 12	GC0165	4 December 2023
19	Data Registration Code	GC0165	4 December 2023
19	Governance Rules	GC0165	4 December 2023
20	Operating Code 6	GC0162	15 December 2023
21	Glossary & Definitions	GC0156	4 March 2024
21	Planning Code	GC0156	4 March 2024
21	Connection Conditions	GC0156	4 March 2024
21	European Connection Conditions	GC0156	4 March 2024
21	Operating Code 1	GC0156	4 March 2024
21	Operating Code 2	GC0156	4 March 2024
21	Operating Code 5	GC0156	4 March 2024
21	Operating Code 9	GC0156	4 March 2024
21	Balancing Code 2	GC0156	4 March 2024
21	Balancing Code 4	GC0156	4 March 2024
21	Data Registration Code	GC0156	4 March 2024
21	General Conditions	GC0156	4 March 2024
22	Glossary & Definitions	GC0154	2 April 2024
22	Balancing Code 1	GC0154	2 April 2024
22	Balancing Code 2	GC0154	2 April 2024
23	Glossary & Definitions	GC0170	22 April 2024

Revision	Section	Related Modification	Effective Date
23	Planning Code	GC0170	22 April 2024
23	Connection Conditions	GC0170	22 April 2024
23	European Connection Conditions	GC0170	22 April 2024
23	Operating Code 2	GC0170	22 April 2024
23	Operating Code 5	GC0170	22 April 2024
23	Operating Code 9	GC0170	22 April 2024
23	Data Registration Code	GC0170	22 April 2024
23	General Conditions	GC0170	22 April 2024
24	General Conditions	Distribution Restoration Zone Control System Standard	4 June 2024
25	Glossary & Definitions	GC0163	5 July 2024
25	European Connection Conditions	GC0163	5 July 2024
26	Glossary & Definitions	GC0171	5 September 2024
26	Compliance Processes	GC0171	5 September 2024
26	European Compliance Processes	GC0171	5 September 2024
27	Glossary & Definitions	Establishing ISOP in industry codes 2024	1 October 2024
27	Planning Code	Establishing ISOP in industry codes 2024	1 October 2024
27	Connection Conditions	Establishing ISOP in industry codes 2024	1 October 2024
27	European Connection Conditions	Establishing ISOP in industry codes	1 October 2024

Revision	Section	Related Modification	Effective Date
		2024	
27	Demand Response Services	Establishing ISOP in industry codes 2024	1 October 2024
27	Compliance Processes	Establishing ISOP in industry codes 2024	1 October 2024
27	European Compliance Processes	Establishing ISOP in industry codes 2024	1 October 2024
27	Operating Code 2	Establishing ISOP in industry codes 2024	1 October 2024
27	Data Registration Code	Establishing ISOP in industry codes 2024	1 October 2024
27	General Conditions	Establishing ISOP in industry codes 2024	1 October 2024
27	Governance Rules	Establishing ISOP in industry codes 2024	1 October 2024
28	General Conditions	Electrical Standards - EDL Instruction Interface Valid Reason Codes	7 November 2024
29	Glossary & Definitions	GC0175	28 March 2025
29	Connection Conditions	GC0175	28 March 2025
29	European Connection Conditions	GC0175	28 March 2025
29	Operating Code 7	GC0175	28 March 2025
29	Balancing Code 1	GC0175	28 March 2025

Revision	Section	Related Modification	Effective Date
29	Balancing Code 2	GC0175	28 March 2025
29	General Conditions	GC0175	28 March 2025
30	Glossary & Definitions	GC0172	3 April 2025
30	General Conditions	GC0172	3 April 2025
31	Glossary & Definitions	GC0159	8 April 2025
31	Planning Code	GC0159	8 April 2025
31	Operating Code 9	GC0159	8 April 2025
31	General Conditions	Electrical Standards - Electronic Data Transfer (EDT) Interface Specification, Communications Standards, EDL Message Interface Specification, Control Telephony Standard	8 April 2025
32	Connection Conditions	GC0177	19 May 2025
32	European Connection Conditions	GC0177	19 May 2025
32	Compliance Processes	GC0177	19 May 2025
32	European Compliance Processes	GC0177	19 May 2025
33	European Connection Conditions	GC0180	11 June 2025
33	Operating Code 6B	GC0180	11 June 2025
33	Balancing Code 1	GC0180	11 June 2025
33	Balancing Code 2	GC0180	11 June 2025
34	Glossary & Definitions	GC0166	05 November 2025

Revision	Section	Related Modification	Effective Date
34	Balancing Code 1	GC0166	05 November 2025
34	Balancing Code 2	GC0166	05 November 2025
34	General Conditions	Electrical Standards - EDL Instruction Interface Valid Reason Codes	05 November 2025
35	Glossary & Definitions	GC0183	04 December 2025
35	Operating Code 2	GC0183	04 December 2025
35	Operating Code 7	GC0183	04 December 2025
35	Balancing Code 1	GC0183	04 December 2025
36	Operating Code 2	GC0174	12 December 2025
36	Data Registration Code	GC0174	12 December 2025
37	General Conditions	Electrical Standards - EDL Message Interface Specification	13 April 2026
38	Planning Code	GC0173	05 May 2026
38	Connection Conditions	GC0173	05 May 2026
38	European Connection Conditions	GC0173	05 May 2026
38	European Compliance Processes	GC0173	05 May 2026
38	Balancing Code 3	GC0173	05 May 2026
39	Glossary & Definitions	GC0169	07 May 2026
39	Balancing Code 3	GC0169	07 May 2026
39	General Conditions	GC0169	07 May 2026

40	Glossary & Definitions	Establishing a harmonised prioritisation process in the Industry Codes	29 May 2026
40	Governance Rules	Establishing a harmonised prioritisation process in the Industry Codes	29 May 2026
41	Glossary & Definitions	GC0187	05 June 2026
41	Connection Conditions	GC0187	05 June 2026
41	European Connection Conditions	GC0187	05 June 2026
41	Compliance Processes	GC0187	05 June 2026
41	European Compliance Processes	GC0187	05 June 2026
41	Operating Code 2	GC0187	05 June 2026
41	Operating Code 5	GC0187	05 June 2026
41	Operating Code 6B	GC0187	05 June 2026
41	Balancing Code 1	GC0187	05 June 2026
41	Balancing Code 2	GC0187	05 June 2026
41	Data Registration Code	GC0187	05 June 2026
41	General Conditions	GC0187	05 June 2026
41	Governance Rules	GC0187	05 June 2026
42	Glossary & Definitions	GC0164	09 July 2026
42	Planning Code	GC0164	09 July 2026
42	European Compliance Processes	GC0164	09 July 2026
42	Operating Code 2	GC0164	09 July 2026

42	Operating Code 5	GC0164	09 July 2026
42	Operating Code 7	GC0164	09 July 2026
42	Balancing Code 1	GC0164	09 July 2026
42	Balancing Code 2	GC0164	09 July 2026
42	Data Registration Code	GC0164	09 July 2026
42	General Conditions	GC0164	09 July 2026
43	General Conditions	Electrical Standards - EDL Instruction Interface Valid Reason Codes	27 July 2026
44	Glossary & Definitions	GC0139	10 August 2026
44	Planning Code	GC0139	10 August 2026
44	Operating Code 5	GC0139	10 August 2026
44	Operating Code 6	GC0139	10 August 2026
44	Data Registration Code	GC0139	10 August 2026
45	Glossary & Definitions	GC0176	13 August 2026
45	Operating Code 6	GC0176	13 August 2026
45	Operating Code 7	GC0176	13 August 2026
45	Governance Rules	GC0176	13 August 2026
46	General Conditions	Electrical Standards - Electromagnetic Transient (EMT) Model Requirements and the Approach & Process for Retrospective Submission	08 October 2026

47	Glossary & Definitions	GC0179	29 October 2026
47	Balancing Code 4	GC0179	29 October 2026
47	Governance Rules	GC0179	29 October 2026
48	General Conditions	Electrical Standards - EDL Instruction Interface Valid Reason Codes	03 November 2026

< END OF REVISIONS >

Public

EDL Instruction Interface – Valid Reason Codes

03 November 2026

NESO
National Energy System Operator

Public

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Valid Reason Code combination 4

Appendix A – Document Information 7

Introduction

Overview

This document has been produced as a guide for external organisations developing EDL NETA Software. It details the valid reason codes that may be sent from NESO to control points via EDL. The operational interpretation of any payment associated with these codes can be found in the relevant Ancillary Services Contract. For a complete set of technical EDL specifications refer to NETA Project EDL Message Interface Specification CT/24.13.0013.

Valid Reason Code combination

BN – Instruction Logged due to Participants Behest

BNF – Breakdown of manual Fast Start

BNL – Cancelled Start due to Participants action

BNS – Cancelled start for normal operation due to Participants action

DCH – Resume Dynamic Containment High Response

DCL – Resume Dynamic Containment Low Response

DMH – Resume Dynamic Moderation High Response

DML – Resume Dynamic Moderation Low Response

DRH – Resume Dynamic Regulation High Response

DRL – Resume Dynamic Regulation Low Response

EN – Emergency Instruction

ICL – Start Instructed Dynamic Containment Low Response

ICH – Start Instructed Dynamic Containment High Response

IML – Start Instructed Dynamic Moderation Low Response

IMH - Start Instructed Dynamic Moderation High Response

IRL - Start Instructed Dynamic Regulation Low Response

IRH - Start Instructed Dynamic Regulation High Response

ITA – Intertrip Commercial Stability Armed

ITB - Intertrip Commercial Thermal Armed

ITD – Intertrip Service Disarmed

MF – Primary, Secondary and High Frequency Response

MFA – Primary, Secondary and High Frequency Response Subject to ASB contract A

MFB – Primary, Secondary and High Frequency Response Subject to ASB contract B

MFC – Primary, Secondary and High Frequency Response Subject to ASB contract C

MFD – Primary, Secondary and High Frequency Response Subject to ASB contract D

MFE – Primary, Secondary and High Frequency Response Subject to ASB contract E

MN – Limited Frequency Sensitive Response

MNF – Fast Start

MNL – LF Relay Operation

MNS – Limited Frequency Sensitive (Normal Slow Start or Normal Off)

MNV – Synch comp reason code

MO – Cease Fast Reserve Service

MP – Primary and High Frequency

MPA – Primary and High Frequency Response Subject to ASB contract A

MPB – Primary and High Frequency Response Subject to ASB contract B

MPC – Primary and High Frequency Response Subject to ASB contract C

MPD – Primary and High Frequency Response Subject to ASB contract D

MPE – Primary and High Frequency Response Subject to ASB contract E

MR – Commence Fast Reserve Service

SCL – Commence Short Circuit Level service

SCO – Cease Short Circuit Level service

VQO – Cease static reactive power service and start dynamic reactive power service

VQV – Start static reactive power service and cease dynamic reactive power service

XCL – Cease Dynamic Containment Low Response

XCH – Cease Dynamic Containment High Response

XMH – Cease Dynamic Moderation High Response

XML – Cease Dynamic Moderation Low Response

XRH – Cease Dynamic Regulation High Response

XRL – Cease Dynamic Regulation Low Response

YCL – Cease Instructed Dynamic Containment Low Response

YCH – Cease Instructed Dynamic Containment High Response

YML – Cease Instructed Dynamic Moderation Low Response

YMH - Cease Instructed Dynamic Moderation High Response

YRL - Cease Instructed Dynamic Regulation Low Response

YRH - Cease Instructed Dynamic Regulation High Response

Please visit https://www.neso.energy/lio-eic-codes for information on EIC codes and application forms to apply for EIC codes.

The EIC codes you will require will be W and/or X.

Please contact Box.lio@neso.energy for all EIC related enquiries.

Appendix A – Document Information

Document Author

Author: Stuart Brace, System Change Manager, NESO

Document Amendment History

Version	Date	Amended By	Remarks
2.0	23 Jul 2001	Neil Ashley	Issued for NETA go-live
3.0	01 Jan 2021	John Walsh	Updated to reflect EDL for Stability Pathfinder instructions
4.0	22 Oct 2021	Angela Wilks	Updated to add new reason code for static reactive power service for Long Term Mersey Voltage Pathfinder
5.0	20 Jan 2022	Stuart Brace	Updated to add EDL disarming/re-arming instructions for Dynamic Moderation, Dynamic Regulation and Dynamic Containment
6.0	01 Feb 2023	Haarith Dhorat	Updated to add new reason codes for intertrip service
7.0	24 Aug 2023	Vicky Allen	Updated to add new reason codes for Response Services, amends to some existing reason code descriptions and removal of 'Conventional rotating plant (Inc Hydro)' title prior to Reason Code list
8.0	24 Jan 2024	Haarith Dhorat	Updated to add new reason codes for Short Circuit Level delivery for Stability services. Update to URL for EIC codes.
9.0	07 Nov 2024	Vicky Allen	Updated to remove unused reason codes for disarming and re-arming Dynamic Frequency Response Services
10.0	05 Nov 2025	Stuart Brace	Added missing Reason Codes: MNF – Fast Start MNL – LF Relay Operation BNF – Breakdown of manual Fast Start

			BNL – Cancelled Start due to Participants action BNS – Cancelled start for normal operation due to Participants action
11.0	27 Jul 2026	Vicky Allen	Updated to add new reason codes for real-time instruction of dynamic response services
12.0	03 Nov 2026	Sudha Saji	Updated to separate intertrip arming reason code into two distinct modes of operation for thermal and stability