Grid Code Modification Recommendation Form	

Title of Recommended Proposal:

MPID 313 Housekeeping of Various OC Clauses

Date:	26/10/2023
Recommended at GCRP Meeting No.:	The modification was presented at the Ireland GCRP Meeting dated 27 Sept 2023.
Grid Code Version:	12
Grid Code Section(s) Impacted by Recommended Proposal:	Various Operating Conditions (OC) Clauses

The Reason for the Recommended Modification:

The Grid Code is a living document and is constantly evolving. Several formatting errors have come to our attention. The TSO are proposing a fix to a number of those errors that occur in the Operating Conditions (OC) section of the EirGrid Grid Code.

History of Progression through GCRPs, Working Group and/or Consultation:

On the 27 Sept 2023 this modification proposal was presented to the EirGrid GCRP members.

Summary Note of any Objections to the Recommended Change from GCRP Members or Consultation Responses:
No objections were raised by the GCRP members.
Outcome of any GCRP Meeting Actions Relating to the Recommended Modification:
No actions were raised at the meeting.

A Table Outlining the Proposed Changes:

Clause	**Error**	**Red Line Version Text** ***Deleted text in ~~strike-through red font~~ and new text highlighted in blue font***	**Green Line Version Text**
OC.1.3	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC1 applies to the **TSO** and to ~~all~~ the following **Users**~~, which term in this OC.1 means~~: (a) **Generators**; (b) The **Distribution System Operator**; (c) **Suppliers**; and (d) **Demand Customers**.	OC1 applies to the **TSO** and to the following **Users**: (a) **Generators**; (b) The **Distribution System Operator**; (c) **Suppliers**; and (d) **Demand Customers**.
OC.4.2.1	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.4 applies to the **TSO** and to the following~~, each of which is a~~ **User**~~s under this OC.4~~: (a) **Grid Connected Generators** with **Registered Capacity** greater than 2MW; (b) **Demand Customers** (c) The **Distribution System Operator (DSO)**; and (d) **Interconnector Operators**.	OC.4 applies to the **TSO** and to the following **Users**: (a) **Grid Connected Generators** with **Registered Capacity** greater than 2MW; (b) **Demand Customers** (c) The **Distribution System Operator (DSO)**; and (d) **Interconnector Operators**.

OC.5.3	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.~~4~~5 applies to the **TSO** and to ~~all~~ the following **Users**~~,~~ ~~which term in this OC.4 means~~: (a) The **Distribution System Operator;** (b) **Suppliers**; and (c) **Demand Customers**.	OC.5 applies to the **TSO** and to the following **Users**: (a) The **Distribution System Operator;** (b) **Suppliers**; and (c) **Demand Customers**.
OC.7.1.3.1	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.7.1 applies to the **TSO** and to the following **Users**~~, which term in OC7.1 means~~: (a) **Generators**; (b) **Interconnector Operators;** (c) **Dispatchable PPMs**; (d) **Distribution System Operator**; (e) **Demand Customers**; and (f) **Demand Side Unit Operators.**	OC.7.1 applies to the **TSO** and to the following **Users**: (a) **Generators**; (b) **Interconnector Operators;** (c) **Dispatchable PPMs**; (d) **Distribution System Operator**; (e) **Demand Customers**; and (f) **Demand Side Unit Operators.**
OC.7.2.3.1	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.7.2 applies to the **TSO** and to the following **Users**~~, which term in OC.7.2 means~~: (a) **Generators**; (b) **Interconnector Operators;** (c) **Dispatchable PPM**; (d) **Distribution System Operator**; (e) **Demand Customers**; and (f) **Demand Side Unit Operator.**	OC.7.2 applies to the **TSO** and to the following **Users**: (a) **Generators**; (b) **Interconnector Operators;** (c) **Dispatchable PPM**; (d) **Distribution System Operator**; (e) **Demand Customers**; and (f) **Demand Side Unit Operator.**
OC.8.3	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.8 applies to the **TSO** and to ~~all~~ the following **Users**~~, which term in this OC.8 means~~: (a) **Generators** which includes all **Generators** with units with **Registered Capacity** greater than 5 MW and **Generator Aggregators**; (b) **Interconnectors**; (c) **Demand Side Unit Operators**;	OC.8 applies to the **TSO** and to the following **Users**: (a) **Generators** which includes all **Generators** with units with **Registered Capacity** greater than 5 MW and **Generator Aggregators**; (b) **Interconnectors**; (c) **Demand Side Unit Operators**; (d) The **Distribution System Operator**; and

		(d) The **Distribution System Operator**; and (e) **Demand Customers**.	(e) **Demand Customers**.
OC.8.4.1	The terms 'TSO' and 'system' appear unbolded, but are defined terms, and the grammar in this clause has been corrected for clarity.	The ~~TSO~~ **TSO** as operator of the **Transmission System** ~~will~~ shall, in accordance with **Prudent Utility Practice**, ~~needs to~~ carry out **Operational Tests** in order to maintain and develop operational procedures, to train staff, and to acquire information in respect of **Power System** behaviour under abnormal ~~system~~ **System** conditions. The **TSO** will endeavour to limit the frequency of occurrence, scope, extent of effects and type of **Operational Tests** to those that are required by **Prudent Utility Practice**~~.~~.	The **TSO** as operator of the **Transmission System** shall, in accordance with **Prudent Utility Practice**, carry out **Operational Tests** in order to maintain and develop operational procedures, to train staff, and to acquire information in respect of **Power System** behaviour under abnormal **System** conditions. The **TSO** will endeavour to limit the frequency of occurrence, scope, extent of effects and type of **Operational Tests** to those that are required by **Prudent Utility Practice**.
OC.8.4.2	The term 'Power System' appears unbolded, but is a defined term. The word 'Tests' in the term 'Power System Restoration Tests' has been unbolded, as the full term in itself is not a defined term, and 'Tests' is only a defined term when referring to non-operational tests.	**Operational Tests** required by the **TSO** from time to time shall include, but shall not be limited to the following: (i) Tests involving the controlled application of **Frequency** and/or **Voltage** variations aimed at gathering information on **Power System** behaviour; (ii) **Power System Restoration** ~~**Tests**~~ tests; (iii) Testing of standing procedures for **System Emergency Conditions** and **Alert** conditions (iv) Testing or monitoring of **Power Quality** under various ~~Power System~~ **Power System** conditions and **Dispatch** configurations.	**Operational Tests** required by the **TSO** from time to time shall include, but shall not be limited to the following: (i) Tests involving the controlled application of **Frequency** and/or **Voltage** variations aimed at gathering information on **Power System** behaviour; (ii) **Power System Restoration** tests; (iii) Testing of standing procedures for **System Emergency Conditions** and **Alert** conditions (iv) Testing or monitoring of **Power Quality** under various **Power System** conditions and **Dispatch** configurations.
OC.8.7.2	The term 'supply' appears unbolded, but is a defined term.	The **TSO** will evaluate the impact (in terms of continuity and quality of ~~supply~~ **Supply** only) of the **Operational Test** with significantly affected **Users**. Any reasonable objections from any such **Operationally Affected Users** shall be considered. When discussing the **Operational Test** with any affected **User**, the **TSO** shall not disclose what it reasonably believes to be commercially sensitive or otherwise potentially	The **TSO** will evaluate the impact (in terms of continuity and quality of **Supply** only) of the **Operational Test** with significantly affected **Users**. Any reasonable objections from any such **Operationally Affected Users** shall be considered. When discussing the **Operational Test** with any affected **User**, the **TSO** shall not disclose what it reasonably believes to be commercially sensitive or otherwise potentially sensitive

		sensitive information to **Users** without the consent of the **User** requesting the test.	information to **Users** without the consent of the **User** requesting the test.
OC.8.8.3.4	The term 'Operational Test' appears unbolded, but is a defined term, and clause is edited for grammar.	If **Operationally Affected Users** are not satisfied with the proposed **Operational Test**, they shall advise the **TSO** of their concerns. The **TSO** shall not cancel a proposed **Operational Test** unless these objections are reasonable. If **Operationally Affected Users** are still not satisfied with the ~~Operational Test~~ **Operational Test** being approved, then they may appeal the decision to the **CRU** in accordance with OC.8.12.	If **Operationally Affected Users** are not satisfied with the proposed **Operational Test**, they shall advise the **TSO** of their concerns. The **TSO** shall not cancel a proposed **Operational Test** unless these objections are reasonable. If **Operationally Affected Users** are still not satisfied with the **Operational Test** being approved, then they may appeal the decision to the **CRU** in accordance with OC.8.12.
OC.8.11.2	The term 'Final Report' appears bolded, but is not a defined term. Also, the term 'Operationally Effected Users' should be replaced by the grammatically correct term 'Operationally Affected Users'.	At the conclusion of the **Operational Test**, the **Test Proposer** shall be responsible for preparing a written report on the **Operational Test** (the "~~**Final Report**~~Final Report") which shall be available within three months of the conclusion of the **Operational Test** to the **TSO**, **Operationally ~~Effected~~ Affected Users** and the **CRU** on request.	At the conclusion of the **Operational Test**, the **Test Proposer** shall be responsible for preparing a written report on the **Operational Test** (the "Final Report") which shall be available within three months of the conclusion of the **Operational Test** to the **TSO**, **Operationally Affected Users** and the **CRU** on request.
OC.8.11.3	The term 'Final Report' appears bolded, but is not a defined term.	The ~~**Final Report**~~ Final Report shall not be submitted to any person who is not a representative of the **TSO** or the **Test Proposer** unless the **TSO** and the **Test Proposer** having reasonably considered the confidentiality issues arising, shall have unanimously approved such submission.	The Final Report shall not be submitted to any person who is not a representative of the **TSO** or the **Test Proposer** unless the **TSO** and the **Test Proposer** having reasonably considered the confidentiality issues arising, shall have unanimously approved such submission.
OC.8.11.4	The term 'Final Report' appears bolded, but is not a defined term. Also, the term 'Operationally Effected Users' should be replaced by the grammatically correct term 'Operationally Affected Users'.	The ~~**Final Report**~~ Final Report shall include a description of the **Plant** and/or **Apparatus** tested and a description of the **System Test** carried out together with the results, conclusions and recommendations as they relate to the **TSO** and **Operationally ~~Effected~~ Affected Users**.	The Final Report shall include a description of the **Plant** and/or **Apparatus** tested and a description of the **System Test** carried out together with the results, conclusions and recommendations as they relate to the **TSO** and **Operationally Affected Users**.

OC.9.3	The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.	OC.9 applies to the **TSO** and to ~~all~~ the following **Users**~~, which term in this OC.9 means~~: (a) **Generators** which for the purposes of OC.9 includes all **Generators** with **Registered Capacity** greater than 5 MW; (b) **Interconnector Operators**; (c) The **Distribution System Operator**; (d) **Demand Customers**; and (e) **Demand Side Unit Operators.**	OC.9 applies to the **TSO** and to the following **Users**: (f) **Generators** which for the purposes of OC.9 includes all **Generators** with **Registered Capacity** greater than 5 MW; (g) **Interconnector Operators**; (h) The **Distribution System Operator**; (i) **Demand Customers**; and (j) **Demand Side Unit Operators.**
OC.10.1.2	Typo duplicates reference to OC.8, i.e. OC.8OC.8.	OC.10 does not apply to **Operational Tests**, which may be required by the **TSO** or by **Users**. The procedures by which **Operational Tests** are notified, and approved, executed and reported, are covered under **Operational Testing** (~~OC.8OC.8~~ OC.8).	OC.10 does not apply to **Operational Tests**, which may be required by the **TSO** or by **Users**. The procedures by which **Operational Tests** are notified, and approved, executed and reported, are covered under **Operational Testing** (OC.8).
OC.10.4.4.2	The term 'Tertiary Operating Reserve 2' should be replaced with the defined term 'Tertiary Operating Reserve band 2'. Also, the term 'Replacement Reserve' appears unbolded, but is a defined term.	Compliance with **Declarations** including, without limitation, in respect of: (a) **Primary**, **Secondary** and **Tertiary Operating Reserve** provided by each of a **Generator's Generation Units,** following a **Low Frequency Event** on the **Transmission System**; (b) **Frequency Regulation** provided by each **Generation Unit** (to confirm that it is consistent with the **Declared Governor Droop**); and (c) ~~Tertiary Operating Reserve 2~~ **Tertiary Operating Reserve band 2** and ~~Replacement Reserve~~ **Replacement Reserve** provided by each of a Generator's Generation Units.	Compliance with **Declarations** including, without limitation, in respect of: (a) **Primary**, **Secondary** and **Tertiary Operating Reserve** provided by each of a **Generator's Generation Units,** following a **Low Frequency Event** on the **Transmission System**; (b) **Frequency Regulation** provided by each **Generation Unit** (to confirm that it is consistent with the **Declared Governor Droop**); and (c) **Tertiary Operating Reserve band 2** and **Replacement Reserve** provided by each of a Generator's Generation Units.
OC.10.5.7.1	The term 'Black Start Unit Test' appears bolded, but is not a defined term.	The **TSO** may require a **Generator** with a **Black Start Station** to carry out a test (a "**Black Start Test**") on a **CDGU** in a **Black Start Station** either while the **Black Start Station**	The **TSO** may require a **Generator** with a **Black Start Station** to carry out a test (a "**Black Start Test**") on a **CDGU** in a **Black Start Station** either while the **Black Start Station**

		remains connected to an external alternating current electrical supply (a "**Black Start ~~Unit~~ unit Test**") or while the **Black Start Station** is disconnected from all external alternating current electrical supplies (a "**Black Start Station Test**"), in order to demonstrate that a **Black Start Station** has a **Black Start Capability**.	remains connected to an external alternating current electrical supply (a "**Black Start** unit **Test**") or while the **Black Start Station** is disconnected from all external alternating current electrical supplies (a "**Black Start Station Test**"), in order to demonstrate that a **Black Start Station** has a **Black Start Capability**.
OC.10.5.7.2	The term 'Black Start Unit Test' appears bolded, but is not a defined term.	Where the **TSO** requires a **Generator** with a **Black Start Station** to carry out a **Black Start ~~Unit~~ unit Test**, the **TSO** shall not require the **Black Start Test** to be carried out on more than one **CDGU** at that **Black Start Station** at the same time, and would not, in the absence of exceptional circumstances, expect any other **CDGU** at the **Black Start Station** to be directly affected by the **Black Start ~~Unit~~ unit Test**.	Where the **TSO** requires a **Generator** with a **Black Start Station** to carry out a **Black Start** unit **Test**, the **TSO** shall not require the **Black Start Test** to be carried out on more than one **CDGU** at that **Black Start Station** at the same time, and would not, in the absence of exceptional circumstances, expect any other **CDGU** at the **Black Start Station** to be directly affected by the **Black Start** unit **Test**.
OC.10.5.7.3.1	The term 'Black Start Unit Test' appears bolded, but is not a defined term.	**Black Start ~~Unit~~ unit Test** The **TSO** may require a **Black Start ~~Unit~~ unit Test** to be carried out at any time but no more than once in each calendar year in respect of any particular **CDGU** or **Interconnector** unless it can justify on reasonable grounds the necessity for further tests or unless the further test is a re-test.	**Black Start** unit **Test** The **TSO** may require a **Black Start** unit **Test** to be carried out at any time but no more than once in each calendar year in respect of any particular **CDGU** or **Interconnector** unless it can justify on reasonable grounds the necessity for further tests or unless the further test is a re-test.
OC.10.6.1	The word 'and' appears bolded in this clause, but is not a defined term.	The **TSO** may, if it reasonably considers that there may be an issue of non-compliance by the **User**, carry out an **Investigation** to acquire or verify information relevant to **Users' Plant** and/or **Apparatus** design, operation or connection requirements under the **Grid Code**, **Connection Agreements**, **Ancillary Service Agreements ~~and~~ and System Support Agreements** between **Users** and the **TSO**.	The **TSO** may, if it reasonably considers that there may be an issue of non-compliance by the **User**, carry out an **Investigation** to acquire or verify information relevant to **Users' Plant** and/or **Apparatus** design, operation or connection requirements under the **Grid Code**, **Connection Agreements**, **Ancillary Service Agreements** and **System Support Agreements** between **Users** and the **TSO**.
OC.10.7.4.2	A number of defined terms within this clause appear unbolded.	The consequences of non-compliance by a ~~Generator~~**Generator**, ~~Demand Side Unit Operator~~**Demand Side Unit Operator** or ~~Interconnector Operator~~**Interconnector Operator** with ~~Declared Ancillary~~	The consequences of non-compliance by a **Generator**, **Demand Side Unit Operator** or **Interconnector Operator** with **Declared Ancillary Services** or **Declared Technical**

		~~Services~~**Declared Ancillary Services** or ~~Declared Technical Parameters~~**Declared Technical Parameters** will be addressed in the ~~SEM~~**SEM** ~~Trading and Settlement Code~~ **Trading and Settlement Code** and other agreements as appropriate.	**Parameters** will be addressed in the **SEM Trading and Settlement Code** and other agreements as appropriate.
OC.10.7.6.1	The term 'Gas Turbine(s)' should be replaced with the defined term 'Gas Turbine Unit(s)'.	A **Black Start Station** shall fail a **Black Start Test** if the **Black Start Test** shows that it does not have a **Black Start Capability** (i.e. if the relevant **Generating Unit** fails to be **Synchronised** to the **System** within two hours of the **Auxiliary Gas Turbine~~(s)~~ Unit(s)** or **Auxiliary Diesel Engine(s)** being required to start).	A **Black Start Station** shall fail a **Black Start Test** if the **Black Start Test** shows that it does not have a **Black Start Capability** (i.e. if the relevant **Generating Unit** fails to be **Synchronised** to the **System** within two hours of the **Auxiliary Gas Turbine Unit(s)** or **Auxiliary Diesel Engine(s)** being required to start).
OC.11.5	Grammar corrected for clarity.	**Safety ~~as~~ at the Interface between the Transmission System and the User System**	**Safety at the Interface between the Transmission System and the User System**
OC.11.5.2	The words 'to the' appear bolded in this clause, but should be unbolded. Also, the term 'Emergency' appears unbolded, but is a defined term.	**Operation Instructions** for each **User Site** shall, following consultation with the relevant **User**, be issued by the **TSO ~~to the~~** to the **User** and will include: (a) detail on the demarcation of responsibility for safety of persons carrying out work or testing at the **User's Site** and on circuits which cross the **User's Site** at any point. (b) detailed switching sequences for voluntary, fault and ~~emergency~~ **Emergency** switching;	**Operation Instructions** for each **User Site** shall, following consultation with the relevant **User**, be issued by the **TSO** to the **User** and will include: (a) detail on the demarcation of responsibility for safety of persons carrying out work or testing at the **User's Site** and on circuits which cross the **User's Site** at any point. (b) detailed switching sequences for voluntary, fault and **Emergency** switching;
OC.11.5.5	Closing bracket added to clause.	Adequate means of isolation / disconnection (from all sources of **Energy**) shall be provided at the interface between the **Transmission System** and the **User System** to allow work to be carried out safely at, or either side of this point, by the **TSO** and each **User**.	Adequate means of isolation / disconnection (from all sources of **Energy**) shall be provided at the interface between the **Transmission System** and the **User System** to allow work to be carried out safely at, or either side of this point, by the **TSO** and each **User**.