

**Grid Code
Modification Proposal Form**

Email to gridcode@eirgrid.com



Title of Modification Proposal: MPID 313 Housekeeping of Various OC Clauses

MPID (EirGrid Use Only): **MPID 313**

Date:	12/09/2023
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Grid Code Version:	Grid Code Version 12
Grid Code Section(s) Impacted by Modification Proposal:	Various

Modification Proposal Justification:

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 the errors that span various Operating Conditions (OC) clauses within the code itself.

The table below outlines the clause, the error, the red-line version of the text and the green-line version of the text.

A Table Outlining the Proposed Changes:

Clause	Error	Red Line Version Text <i>Deleted text in strike through red font and new text highlighted in blue font</i>	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 Users 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.45 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;	OC.7.1 applies to the TSO and to the following Users: (a) Generators; (b) Interconnector Operators; (c) Dispatchable PPMs;

		(c) Dispatchable PPMs ; (d) Distribution System Operator ; (e) Demand Customers ; and (f) Demand Side Unit Operators .	(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 ; (d) The Distribution System Operator ; and (e) Demand Customers .	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 (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	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

		and type of Operational Tests to those that are required by Prudent Utility Practice .	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 sensitive information to Users without the consent of the User requesting the test.	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 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.

<p>OC.8.11.2</p>	<p>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’.</p>	<p>At the conclusion of the Operational Test, the Test Proposer shall be responsible for preparing a written report on the Operational Test (the "Final ReportFinal 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.</p>	<p>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.</p>
<p>OC.8.11.3</p>	<p>The term ‘Final Report’ appears bolded, but is not a defined term.</p>	<p>The Final ReportFinal 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.</p>	<p>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.</p>
<p>OC.8.11.4</p>	<p>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’.</p>	<p>The Final ReportFinal 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.</p>	<p>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.</p>
<p>OC.9.3</p>	<p>The language used to refer to the Users that this section of the Grid Code applies to should be corrected for clarity.</p>	<p>OC.9 applies to the TSO and to all the following Users, which term in this OC.9 means:</p> <ul style="list-style-type: none"> (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. 	<p>OC.9 applies to the TSO and to the following Users:</p> <ul style="list-style-type: none"> (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 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 .	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 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	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,

		circumstances, expect any other CDGU at the Black Start Station to be directly affected by the Black Start Unit-unit Test .	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 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 Services Declared Ancillary Services or Declared Technical Parameters Declared Technical Parameters will be addressed in the SEM SEM Trading and Settlement Code and other agreements as appropriate.	The consequences of non-compliance by a Generator , Demand Side Unit Operator or Interconnector Operator with Declared Ancillary Services or Declared Technical 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(s) 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.	<p>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:</p> <ul style="list-style-type: none"> (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 emergencyEmergency switching; 	<p>Operation Instructions for each User Site shall, following consultation with the relevant User, be issued by the TSO to the User and will include:</p> <ul style="list-style-type: none"> (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 .