

# Single Electricity Market

## Grid Code – Common Sections

### NEW SDC DEFINITIONS

~~21 March~~ 20 April 2007

*[Note: Please note that this document was prepared jointly by EirGrid plc and SONI Limited.]*

*[Note: Please note that any terms defined in italics in the table below are applicable to one Grid Code only.]*

*[Note: Please note that consideration is currently being given to the harmonisation of references to “Generation Unit” in the EirGrid Grid Code and “Generating Unit” in the SONI Grid Code.]*

Defined Term	Definition
Accepted	<p>[In relation to data, that data which the <b>Market Operator</b> is required to use under Section 3 of the TSC either because (i) it is the most recently received <b>Validated Data Transaction</b> or (ii) the <b>Market Operator</b> is required to use <b>Default Data</b> in accordance with Section 3 of the TSC.]</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC and is being considered further.]</i></p>
Additional Grid Code Characteristics Notice	A notice to be submitted to the TSO pursuant to SDC1.4.4.2 relating to additional technical data.
Aggregate Interconnector Ramp Rate	<p>The <del>aggregate rate of increase or decrease in Active Power produced by an Interconnector.</del> <u>maximum Ramp Up Rate or Ramp Down Rate as appropriate for an Interconnector determined as the lesser of the maximum Ramp Rate which can be accommodated by the Interconnector itself or the maximum Ramp Rate associated with that Interconnector which can be accommodated by the Transmission System or Distribution System to which that Interconnector is connected. The Interconnector must operate at or within its Aggregate Interconnector Ramp Rate in all circumstances.</u></p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC1, was modified from the TSC definition of “Ramp Rate” and is being considered further has been taken from the TSC and subsequent changes may require further consideration.]</i></p>
<u>Aggregator</u>	<u>Either a Generator Aggregator or a Demand Side Unit Aggregator.</u>

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~~(22030629.08)~~

(22030629.12)

Defined Term	Definition
<u>All-Island Demand</u>	<u>The sum of Demand in the Republic of Island and Demand in Northern Ireland.</u>
Ancillary Services	A service, other than the production of electricity, which is used to operate a stable and secure [Power System] including <b>Reactive Power, Operating Reserve, Frequency Control and Blackstart Capability</b> .  <i>[Note: Please note that references to “systems” are being considered further.]</i>
<u>Availability Notice</u>	<u>A notice to be submitted under SDC1.4.1.1.</u>
Availability Payments	A payment made to a <b>Generator</b> for making a <b>Generating Unit</b> available.  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>
Block Load	The level of output that a <b>Generating Unit</b> <del>instantaneously produces when Synchronising</del> <u>immediately produces following Synchronisation. For avoidance of doubt, Block Load can equal 0 MW.</u>  <i>[Note: Please note that this definition was introduced for the purposes of Part 1 of Appendix A to SDC1 and is being considered further.1.]</i>
Block Load Cold	<b>Block Load</b> during a <b>Cold Start</b> .  <i>[Note: Please note that this definition was introduced for the purposes of Part 1 of Appendix A to SDC1 and is being considered further.1.]</i>
Block Load Hot	<b>Block Load</b> during a <b>Hot Start</b> .  <i>[Note: Please note that this definition was introduced for the purposes of Part 1 of Appendix A to SDC1 and is being considered further.1.]</i>
Block Load Warm	<b>Block Load</b> during a <b>Warm Start</b> .  <i>[Note: Please note that this definition was introduced for the purposes of Part 1 of Appendix A to SDC1 and is being considered further.1.]</i>
CCGT Installation Matrix	The matrix which must be submitted by a <b>Generator</b> under the <b>Planning Code</b> and which is used by the <b>TSOs</b> for <b>Scheduling</b> and <b>Dispatch</b> purposes under the <b>SDCs</b> as a “look up” table determining

Defined Term	Definition
	which <b>CCGT Modules</b> will be operating at any given <b>MW Dispatch</b> level subject to any updated <b>Availability</b> information submitted by a <b>Generator</b> to a TSO under SDC1.
<b>Centrally Dispatched Generating Unit (CDGU)</b>	A <b>Generating Unit</b> within a <b>Generating Plant</b> subject to <b>Central Dispatch</b> , which comprises, unless specified otherwise a <b>Thermal Plant</b> including a <b>CCGT Installation</b> , a <b>Dispatchable WFPS</b> , <b>Hydro Plant</b> <b>Unit</b> and <b>Pumped Storage Plant</b> in respect of its <b>Pumped Storage Generation</b> .
<b>Cold Start</b>	Any <b>Synchronisation</b> of a <b>Generating Unit</b> that has previously not been <b>Synchronised</b> for a period of time <del>equal to or longer than its</del> <b>[Accepted/submitted]</b> <b>Warm Cooling Boundary</b> .  <i>[Note: Please note that this definition was taken from the TSC and was introduced for the purposes of Appendix A to SDC1. <del>The wording in square brackets above is</del> <b>Further consideration needs to be considered further.</b> given as to how this will work after Gate Closure.]</i>
<b>Commercial Offer Data</b>	Data submitted to the <b>MO</b> pursuant to the <b>TSC</b> in relation to prices and, where applicable, nominated output for certain <b>Users</b> .
<b>Common Sections</b>	Those parts of the <b>Grid Code</b> which are under common governance in both the <b>Grid Code</b> and the <b>Other Grid Code</b> , as further provided in the <b>Grid Code</b> .
<b><del>Constrained</del> <u>Connection Group Agreement</u></b>	<del><i>[Note: Please note that the way in which this term is to be defined is to be considered further.]</i></del> <b><u>The bilateral agreement between the TSO and the User, which contains the detail specific to the User's connection to the Transmission System.</u></b>
<b><u>Constrained Group</u></b>	<b><u>A part of the System containing a group of Generating Units within a constrained part of the System as determined by the TSO.</u></b>
<b>Contracted Capacity</b>	<i>In relation to a [PPA] CDGU or a [PPA] CCGT Installation, the NFL Capacity of the CDGU which is set out in [paragraph 2 of Schedule 1 to the Generating Unit Agreement for that CDGU], as that NFL Capacity may be amended from time to time in accordance with that [Generating Unit Agreement or the relevant Power Station Agreement.]</i>  <i>[NB: Please note that this definition applies to the SONI Grid Code only.]</i>
<b>Control Facility</b>	A location used for the purpose of monitoring, control and operation of the <b>Generator</b> <b>User's</b> <b>Plant</b> and <b>Apparatus</b>

Defined Term	Definition
	<p><i>[Note: Please note that this definition was modified from the definition in the EirGrid Grid Code.]</i></p>
<p><b>Controllable WFPS</b></p>	<p>A <del>Wind Farm Power Station</del> <u>site containing at least one WTG</u> which can <del>have its Active Power</del> <u>automatically act upon a remote signal from the TSO to change its</u> output <del>controlled directly by the TSO</del>.</p> <p><u><i>[Note: For the Republic of Ireland.]</i></u></p> <p><u><i>A WFPS which can automatically act upon a remote signal from the TSO to change its output.</i></u></p> <p><u><i>[Note: For Northern Ireland.]</i></u></p>
<p><b>Cycle Operating Mode</b></p>	<p>The open cycle or combine cycle operating mode of a CCGT <b>Installation</b> which may need to be specified pursuant to a <b>Dispatch Instruction</b> under SDC2.4.2.4(k).</p>
<p><b>Declared Maximisation Capacity</b></p>	<p>[In relation to a CDGU, the <b>Maximisation Capacity</b> as declared by a <b>Generator</b> in a [<del>GSDP/Operating Characteristics/Contracted</del> <b>Technical Parameters</b>] Notice (or in a revised [<del>GSDP/Operating Characteristics/Contracted</del> <b>Technical Parameters</b>] Notice ) to be the impaired <b>Maximisation Capacity</b> of the CDGU which shall be not greater than its [<b>Contracted Capacity/Registered Capacity</b>] (<b>Maximisation</b>) nor less than its [<b>Contracted Capacity/Registered Capacity</b>] (which is <b>Maximisation Capacity</b> stated on the assumption that <b>Availability</b> is equal to [<b>Contracted Capacity/Registered Capacity</b>]) or if no figure is so declared, the [<b>Contracted Capacity/Registered Capacity</b>] (<b>Maximisation</b>) set out in <i>[paragraph 2 of schedule 1 to the relevant Generating Unit Agreement]</i>.</p> <p><i>[Note: Please note that this definition is subject to further consideration.]</i></p> <p><i>[Note: Please note that the words in italic are in relation to the SONI Grid Code only.]</i></p>
<p><b>Deload Break Point</b></p>	<p>The point at which due to technical reason a <b>Generating Unit</b> may need to pause during its <b>MW Output</b> reduction process.</p>
<p><b>Deloading Rate</b></p>	<p>The rate at which a <b>Generation Unit</b> reduces <b>MW Output</b> from <b>Minimum Generation</b> to zero when it is instructed to cease output. There are up to two possible deloading rates, which are referred to as <b>De-Loading Rate 1</b> and <b>De-Loading Rate 2</b>.</p> <p><i>[Note: Please note that the definition was modified from the definition in the EirGrid Grid Code.]</i></p>

Defined Term	Definition
<b>Demand Customer</b>	<p>A person to whom electrical <b>Energy</b> is provided by means of a direct connection to the <b>Transmission System</b>.</p> <p><i>[Autoproducers are to be considered both <b>Generators</b> and <b>Demand Customers</b>.]</i></p> <p><i>[Note: Please note that this definition was taken from the EirGrid Grid Code. Text in brackets may be removed. Under consideration]</i></p>
<b>Demand Forecasts</b>	<p>A forecast of <b>Demand</b> made pursuant to <b>OC1</b>.</p> <p><i>[Note: Please note that this definition was taken from the SONI Grid Code.]</i></p>
<b>Demand Reduction</b>	<p>The reduction in MW <b>Demand</b> which can be achieved by a <b>Demand Side Unit</b> for each <b>Trading Period</b> in the following <b>Optimisation Time Horizon Period</b> and which must be submitted to the <b>TSO</b> in an <b>Availability Notice</b> under SDC1.4.1.2.</p> <p><i>[Note: Please note that this definition may need to be amended following clarification by the Regulatory Authorities of the treatment of Demand Side Units.]</i></p>
<b>Demand Side Units</b>	<p>A <b>Demand Site</b> on the <b>Transmission System</b> from which a <b>Dispatchable Demand Customer</b> can deliver a demand reduction upon receipt of a [<b>Demand Reduction</b>] <b>Dispatch Instruction</b> from the <b>TSO</b>.</p>
<b><u>Demand Side Unit Aggregator</u></b>	<p><u>A person who represents several Demand Side Units, by in particular preparing notices under SDC1 on behalf of these Demand Side Units and receiving Dispatch Instructions on behalf of these Demand Side Units under SDC2.</u></p>
<b>Demand Site</b>	<p>A demand site owned by a <b>Dispatchable Demand Customer</b> which can deliver a <b>Demand Reduction</b> following a <b>Dispatch Instruction</b> from the <b>TSO</b>.</p>
<b>Dispatch Instruction</b>	<p>An instruction given by the <b>TSO</b> to a <b>CDGU</b>, <b>Demand Side Unit</b>, <b>Interconnector Import Unit</b> and/or <b>Pumped Storage Plant Demand</b> to that <b>User's</b> approved <b>Control Facility</b> to change the output, fuel or manner of operation of the <b>CDGU</b>, <b>Demand Side Unit</b> and <b>Pumped Storage Plant Demand</b>. "<b>Instruct</b>" and "<b>Instructed</b>" shall be construed accordingly.</p> <p><i>[Note: Please note that this definition was modified from the definition in the EirGrid Grid Code.]</i></p>
<b>Dispatchable Demand</b>	<p>A <b>Demand Customer</b> with a <b>Demand Site</b> which can be <b>Dispatched</b></p>

Defined Term	Definition
Customer/User	by the TSO.
<b>Dispatchable WFPS</b> <u>or DWFPS</u>	<p><del>{A Controllable WFPS which has elected to be a Price Maker under the TSC and has</del> <b>must have</b> a <b>Control Facility</b> and which can <b>in order to</b> be dispatched <b>via an Electronic Interface</b> by the TSO.<del>}</del></p> <p><del><i>[Note: Please note that further consideration is being given to this definition.]</i></del></p>
<b>Distribution System</b>	<p>In Ireland, the system consisting (wholly or mainly) of electric circuits, transformers and switchgear which are operated by and used for the distribution of electricity from <b>Grid Supply Points</b> or <b>Generating Units</b> or other entry points to the point of delivery to <b>Customers</b> or other <b>Users</b> and any <b>Plant</b> and <b>Apparatus</b> and meters <del>owned or operated by the</del> <b>used</b> in connection with the distribution of electricity, but not including any part of the <b>Transmission System</b>.</p> <p><del><i>[Note: Please note that the definition above was modified from the definition in the EirGrid Grid Code.]</i></del></p> <p>In Northern Ireland, means the electric lines within the Authorised Area, as defined in the TSO Licence, owned by the Distribution Licensee (but not, for the avoidance of doubt, any lines forming part of the transmission system or any Interconnector), and any other electric lines which the Northern Ireland Authority for Energy Regulation may specify as forming part of the distribution system, including (in each case) any electrical plant and/or meters used in connection with distribution.</p> <p><del><i>[Note: Please note that the definition above was modified from the definition in the draft transmission licence granted to SONI (5 January draft) and is being considered further.]</i></del></p>
<b>Dwell Time</b>	<p><del>{The duration for which the <b>Generating Unit</b> must remain at the <b>Dwell Time Trigger Point</b> during a change in its <b>MW Output</b> while ramping up or down between <b>Minimum Generation</b> and <b>Maximum Generation</b>.}</del></p> <p><del>Or:</del></p> <p><del>{The length of time during which, due to technical reasons a <b>Generating Unit</b> may need to pause during a change in its <b>MW Output</b> between <b>Minimum Generation</b> and <b>Maximum Generation</b>.}</del></p> <p><del><i>[Note: Please note that this definition was introduced for Part 1 of Appendix A to SDC 1. Two definitions are currently being considered and the wording of both may be amended further.]</i></del></p>

Defined Term	Definition
Dwell Time Trigger Point	<p>‡A constant MW level at which a <b>Generating Unit</b> must remain while ramping up or down between <b>Minimum Generation</b> and <b>Maximum Generation</b>.‡</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC1, was <del>taken from the TSC</del> but the current wording is being considered further as it does not provide a fully accurate description of the position under the Grid Code.]</i></p>
Electronic Interface	<p>A system, in accordance with the requirements of the TSO’s data system, at the [Control Facility], providing an electronic interface between the TSO and a User, for issuing and receiving instructions, as provided for in the <b>Grid Code</b> and established pursuant to an agreement between the TSO and a User.</p>
<u>Emergency Instruction</u>	<p><u>[A Dispatch Instruction issued by the TSO to a CDGU which may require an action or response which is outside the limits implied by the then current Availability Notice.]</u></p> <p><u>[Note: This definition is to be used in the EirGrid Grid Code only and requires further consideration]</u></p>
End Point of Start Up Period	<p>The time after which the rate of change of the <b>Generating Unit Output</b> is not dependent upon the initial warmth of the <b>Generating Unit</b>.</p> <p><i>[Note: Please note that this definition was taken from the definition for “End of Start-Up Period” in the EirGrid Grid Code.]</i></p>
Energy Limit	<p>The upper limit on the amount of energy that can be generated by <b>Energy Limited Generating Unit</b> <u>within the Trading Day</u>.</p> <p><u>[Note: Need to consider referring to a defined period of time.]</u></p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was <del>taken</del>modified from the TSC and is being considered further.]</i></p>
Energy Limit Factor	<p>A factor between zero and one, which is applied to the <b>Energy Limit</b> for use in calculating the scheduled <del>Output</del><b>Energy</b> of <b>Energy Limited Generating Units</b> in the period between the end of the <b>Trading Day</b> and the end of the <b>Optimisation Time Horizon Period</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was <del>taken</del>modified from the TSC and is being considered further.]</i></p>
Energy Limit Start	06:00 hours on the <b>Trading Day</b> ;

Defined Term	Definition
	<i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was modified from the TSC <u>and is being considered further</u> and is being considered further.]</i>
Energy Limit Stop	06.00 hours on the day following the Trading Day;  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was modified from the TSC and is being considered further.]</i>
Energy Limited Generating Unit	A Hydro <del>Plant</del> Unit with a limit on the energy it can deliver <u>in a specified time period</u> .  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was modified from the definition in the TSC and is being considered further.]</i>
<u>External Interconnection</u>	<u>Apparatus for the transmission of electricity to or from the Total System into or out of a transmission or distribution system located outside both of Northern Ireland and the Republic of Ireland.</u>
Force Majeure	Has the meaning ascribed to that term in the relevant <i>[Generating Unit Agreement <u>and System Support Services Agreement</u>]</i> .  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>  <u><i>[Note: Further consideration is being given to the definition which should apply to the EirGrid Grid Code]</i></u>
Forecast Minimum Output Profile	<del>†The minimum forecasted Output of a Generating</del> <u>Forecast Minimum Output Profile must contain the Participant’s forecast of the average level of Minimum Output, in MW, for the Generator Unit</u> for each Trading Period in the Optimisation Time Horizon- <del>Period.</del> †  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC <u>and is being considered further, as its precise use in the Grid Code is unclear.</u>]</i>
Forecast Minimum <del>Stable</del> Generation Profile	The <del>forecasted</del> <u>Forecast Minimum</u> <del>{Stable} Generation of a Generating</del> <u>Generation Profile must contain the Participant’s forecast of the average level of Minimum Generation, in MW, for the Generator Unit</u> for each Trading Period in the Optimisation Time Horizon- <del>Period</del> .  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC and is being considered further.]</i>

Defined Term	Definition
<b>Full Load</b>	<p>[Maximum electrical output of a <b>Generating Unit</b> or <b>CCGT Installation</b> measured at the <b>Generator Terminals</b> or, in the case of a <b>Wind Farm Power Station</b>, the maximum electrical output of the <b>Wind Farm Power Station</b> [<i>at the power factor stated in the relevant <b>Connection Agreement</b></i> ] measured at the <b>Connection Point</b> of the <b>Wind Farm Power Station</b> [and depending, in the case of a <b>Generating Unit</b> which is capable of firing on two different <b>Designated Fuels</b>, on which <b>Designated Fuel</b> is being used to operate the <b>Generating Unit</b>] but excluding <b>Maximum Generation</b>.]</p> <p><i>[Note: Please note that the use of this definition, which was taken from the SONI Grid Code, is being considered further.]</i></p>
<b>Gate Closure</b>	<p>10.00 hours on the day preceding the relevant <b>Trading Day</b> to which a notice relates.</p> <p><i>[Note: Please note that this definition was taken <u>and modified</u> from the TSC.]</i></p>
<b>Generating Plant</b>	<p>[A <b>Power Station</b> subject to <b>Central Despatch</b>.]</p> <p><i>[Note: Please note that this definition is being considered further.]</i></p>
<b>Generating Unit Agreement</b>	<p><i>[An agreement between a <b>Generator</b> and <b>NIE</b> pursuant to which amongst other matters, <b>NIE</b> agrees to purchase from the <b>Generator</b> electricity generated by a <b>CDGU</b> [or <b>CCGT Installation</b>], as the case may be, of the <b>Generator</b>.]</i></p> <p><i>[Note: Please note that this definition applies to the SONI Grid Code only and is being considered further.]</i></p>
<b>Generation Other Relevant Data</b>	<p>The data referred to in SDC1.4.4.4.</p>
<b><u>Generator Aggregator</u></b>	<p><u><b>A person who represents several <b>Generating Units</b>, by in particular preparing notices under SDC1 on behalf of these <b>Generating Units</b> and receiving <b>Dispatch Instructions</b> on behalf of these <b>Generating Units</b> under SDC2.</b></u></p>
<b>Generator Declared Inflexibilities</b>	<p>The inflexibilities declared by a <b>Generator</b> to the <b>TSO</b> under SDC1 and which the <b>TSO</b> must take into account under SDC1.4.5.3 when compiling the <b>Indicative Operations Schedule</b>.</p>
<b>Generator Terminal</b>	<p>The stator terminals of a <b>Generating Unit</b>.</p> <p><i>[Note: Please note that this definition was taken from the SONI Grid Code.]</i></p>

Defined Term	Definition
<del>{GSDPs/Operating Characteristics/Contracted Parameters}</del>	<p><del>[In Northern Ireland, in relation to a <b>PPA</b> CDGU or a <b>PPA</b> CCGT Installation, the values of GSDPs which are identical to those parameters set out in [Schedule 1 to the <b>Generating Unit Agreement</b> for that CDGU or CCGT Installation], which are there referred to as "Contracted Operating Characteristics", as those values are amended from time to time in accordance with [that <b>Generating Unit Agreement</b>]. In the case of an <b>EC</b> CDGU, the values of GSDPs which are identical to the parameters set out in the relevant <b>SSS Agreement</b> and referred to as "[<b>SSS Parameters</b>]", as those values are amended from time to time in accordance with that [<b>SSS Agreement</b>].</del></p> <p><del>[In the Republic of Ireland, the technical capabilities, flexibilities and limitations for the operation of a <b>Generating Unit</b> as registered or declared in accordance with the provisions of the <b>Grid Code</b>.]</del></p> <p><del>[Note: Please note that the definitions above were taken respectively from the SONI and EirGrid Grid Codes and that further consideration is being given to these definitions.]</del></p>
<del>{GSDPs/ Operating Characteristics / Contracted Parameters} Notice</del>	A notification as submitted under SDC1.4.4.1.
Hot Cooling Boundary	<p>The period of time, following de-Synchronisation of a <b>Generating Unit</b> after which the heat state transfers from being <b>Hot</b> to being <b>Warm</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC and is being considered further.]</i></p>
Hot Start	<p>Any Synchronisation of a <b>Generating Unit</b> that has previously not been Synchronised <del>for a period of time shorter than its</del> <u>[Accepted/submitted]</u> Hot Cooling Boundary.]</p> <p><i>[Note: Please note that this definition, <del>which was taken from the TSC and</del> <u>was introduced for Part 1 the purposes of Appendix A to SDC 1, was taken from the TSC and is being considered further</u>. <u>Further consideration needs to be given as to how this will work after Gate Closure.</u>]</i></p>
Hydro <b>PlantUnit</b>	<p>A <b>PlantUnit</b> which generates electricity from the movement of water [excluding <b>Pumped Storage</b>];</p> <p><i>[Note: Please note that this definition is being considered further.]</i></p>
Indicative Operations Schedule	The schedule prepared pursuant to SDC1.4.5.1.

Defined Term	Definition
<b>Interconnector</b>	Electric lines and electric <b>Plants</b> used for conveying electricity or provision of <b>Reserves</b> from outside both jurisdictions directly to or from a substation or converter station in either jurisdiction.
<b>Interconnector Import</b>	The import of electricity through the <b>Interconnector</b> .
<b><u>Interconnector Owner</u></b>	<u>[ ]</u>  <i>[Note: This definition is being considered further]</i>
<b>Interconnector <del>Import</del> Users</b>	Users importing <u>or exporting</u> electricity through the <b>Interconnector</b> .
<b>Interconnector <del>Import</del> Unit</b>	A <b>Unit</b> registered by an <b>Interconnector <del>Import</del>User</b> associated with the relevant <b>Interconnector</b> .  <i>[Note: Please note that this definition <del>was taken from the TSCs</del> being considered further.]</i>
<b><del>Interconnector Unit Capacity Holding</del></b>	<del>The quantity of <b>Interconnector</b> capacity made available for an <b>Interconnector Import Unit</b>.</del>  <del><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC and is being considered further.]</i></del>
<b><del>Interconnector Unit Capacity Holding Data</del></b>	<del>Data relating to <b>Interconnector Unit Capacity Holding</b> by each <b>Interconnector Unit</b> for the relevant <b>Interconnector</b> provided by the <b>Interconnector Administrator</b> to the <b>Market Operator</b>.</del>  <del><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC and is being considered further.]</i></del>
<b>Inter-jurisdictional tie line</b>	The tie line, facilities and equipment that connect the <b>Transmission System</b> of the Republic of Ireland to the <b>Northern Ireland Electricity System</b> .  <i>[Note: Please note that this definition was modified from the definition in the EirGrid Grid Code.]</i>
<b>Intermediary</b>	[The <b>Participant</b> appointed by a <b>TSC Party</b> or another <b>Participant</b> for the purposes of registration of some or all of that <b>Party's</b> or <b>Participant's Units</b> and participation in the <b>SEM</b> and as more particularly provided for in the <b>TSC</b> .]  <i>[Note: Please note that this definition was taken <u>and modified</u> from the TSC and that further consideration is being given to this definition. <del>Should this definition be used, a new definition for</del></i>

Defined Term	Definition
	<del>“Participant” will be considered then</del>
<u>Intertripping Scheme</u>	<u>A method of tripping a circuit breaker on receipt of a signal initiated from protection at another location.</u>
<b>Licence Standards</b>	<p>In Northern Ireland, the standards set out or referred to in [Condition 19 of Part II (Transmission and distribution system security and planning standards and quality of service)] and in [Condition 6 of Part III (Obligation on economic purchasing by power procurement manager)] of the <b>TSO Licence</b>.</p> <p><i>[Note: Please note that references to licence conditions above are to the existing NIE licence and that these references will need to be updated once the TSO Licence has been finalised.]</i></p> <p><i>[Note: Please note that consideration is being given to an equivalent definition for the Republic of Ireland.]</i></p>
<b>Load Up Break Point Cold</b>	<p>The break point which defines the shared MW boundary between the two <b>Loading Rates Cold</b>. The first <b>Loading Rate Cold</b> applies from <del>0MW</del> <u>Block Load</u> to the <b>Load Up Break Point Cold</b>, the second <b>Loading Rate Cold</b> applies from the <b>Load Up Break Point Cold</b> to the end point of the <b>Start Up</b> period, which should be set equal to <b>Minimum {Stable} Generation</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i></p>
<b>Load Up Break Point Hot</b>	<p>The break point which defines the shared MW boundary between the two <b>Loading Rates Hot</b>. The first <b>Loading rate</b> applies from <math>\ominus</math> <del>MW</del> <u>Block Load</u> to the <b>Load Up Break Point Hot</b>, the second <b>Loading Rate Hot</b> applies from the <b>Load Up Break Point Hot</b> to the end point of the <b>Start Up</b> period, which should be set equal to <b>Minimum {Stable} Generation</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i></p>
<b>Load Up Break Point Warm</b>	<p>The break point which defines the shared MW boundary between the two <b>Loading Rates Warm</b>. The first <b>Loading rate</b> applies from <math>\ominus</math> <del>MW</del> <u>Block Load</u> to the <b>Load Up Break Point Warm</b>, the second <b>Loading Rate Hot</b> applies from the <b>Load Up Break Point Warm</b> to the end point of the <b>Start Up</b> period, which should be set equal to <b>Minimum {Stable} Generation</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part</i></p>

Defined Term	Definition
	<i>1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i>
<b>Loading Rate Cold</b>	The rate at which a <b>Generating Unit</b> increases <b>Output</b> from zero to <b>Minimum <del>{Stable}</del> Generation</b> when it is instructed to <b>Cold Start</b> .  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i>
<b>Loading Rate Hot</b>	The rate at which a <b>Generating Unit</b> increases <b>Output</b> from zero to <b>Minimum <del>{Stable}</del> Generation</b> when it is instructed to <b>Hot Start</b> .  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i>
<b>Loading Rate Warm</b>	The rate at which a <b>Generating Unit</b> increases <b>Output</b> from zero to <b>Minimum <del>{Stable}</del> Generation</b> when it is instructed to <b>Warm Start</b> .  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken <u>and modified</u> from the TSC <del>and is being considered further.</del></i>
<b>Low Frequency Relay</b>	An electrical measuring relay intended to operate when its characteristic quantity ( <b>Frequency</b> ) reaches the relay settings by decrease in <b>Frequency</b> .  <i>[Note: Please note that this definition was taken from the SONI Grid Code.]</i>
<b>Market Operator</b>	As defined in the TSC.
<b>Max Ramp Down Rate</b>	<del>Maximum rate of reduction in generating unit load in normal circumstances to <b>Minimum Generation</b></del> <u>The maximum Ramp Down Rate of a Demand Side Unit.</u>  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC <del>and is being considered further.</del></i>
<b>Max Ramp Up Rate</b>	<del>Maximum rate of increase in generating unit load between <b>Minimum and Maximum Generation</b></del> <u>The maximum Ramp Up Rate of a Demand Side Unit.</u>  <i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the TSC <del>and is being</del></i>

Defined Term	Definition
	<del>considered further.</del>
<b>Maximisation Capability</b>	The capability of the CDGU (expressed in MW) to generate electricity in excess of its [ <b>Contracted Capacity / Registered Capacity / Maximum Export Capacity</b> ] determined in accordance with [ <i>schedule 2 to the relevant <b>Generating Unit Agreement</b></i> ].  <del>[Note: Definition to be considered further by EG.]</del>  [Note: Please note that the words in italic apply to the SONI Grid Code only.]
<b>Maximum Down Time</b>	<del>—</del> <u>The maximum period of time during which Demand Reduction at a Demand Side Unit can be Dispatched.</u>  [Note: Please note that this defined term is being introduced for the purposes of Part 1 of Appendix A to SDC1 and that further consideration is being given as to how this term should be defined.]
<u>Maximum Export Capacity</u>	<u>In relation to an Interconnector Unit, the maximum amount of electricity in MW that can be exported through that unit.</u>
<u>Maximum Import Capacity</u>	<u>In relation to an Interconnector Unit, the maximum amount of electricity in MW that can be imported through that unit.</u>
<b>Maximum Interconnector Unit Export Capacity</b>	The upper limit of export an <b>Interconnector Unit</b> is declaring as part of its <b>Technical Offer Data</b> [or as modified by the TSO/IA/Owner].  [Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was modified from the definition in the TSC and is being considered further.]
<b>Maximum Interconnector Unit Import Capacity</b>	The upper limit of import an <b>Interconnector Unit</b> is declaring as part of its <b>Technical Offer Data</b> [or as modified by the TSO/IA/Owner].  [Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was modified from the definition in the TSC and is being considered further.]
<b>Maximum Reservoir Capacity</b>	[ ]  [Note: Please note that this defined term is being introduced for the purposes of Part 1 of Appendix A to SDC1 and that further consideration is being given as to how this term should be defined.]
<b>Merit Order</b>	An order of CDGUs, Controllable WFPSs, Demand Side Units and/or Pumped Storage Plant Demand Price Sets compiled by the

Defined Term	Definition
	TSO <a href="#">in conjunction with the Other TSO</a> pursuant to SDC 1.
<b>Minimum Demand Regulation (MDR)</b>	That minimum margin of <b>Active Power</b> to provide a sufficient regulating margin for adequate <b>Frequency Control</b> .  <i>[Note: Please note that this definition was modified from the definition in the SONI Grid Code.]</i>
<b>Minimum Down Time</b>	[The minimum time that must elapse from the time of a <b>Generating Unit Shutdown</b> before it can be instructed to <b>Start-Up</b> .]  <i>[Note: Please note that this definition is being introduced for the purposes of Part 1 of Appendix A to SDC1 and is taken from the EirGrid Grid Code.]</i>  <i>[Note: Please note that the use of this term is being considered further as this term is only applicable to Demand Side Units under the TSC but is applicable to Generating Units in the EirGrid Grid Code. Further consideration is also being given to the interrelationship of this term with “Minimum off time” which is applicable to all Generating Units under the TSC.]</i>
<b>Minimum off time</b>	[The minimum time that a <b>Generating Unit</b> must remain producing no <b>Active Power</b> commencing at the time when it first stops producing <b>Active Power</b> .]  <u>or</u>  <a href="#">[The minimum time that must elapse from the time of a Generating Unit Shutdown before it can be instructed to Start-up]</a>  <i>[Note: Please note that this definition is being introduced for the purposes of Part 1 of Appendix A to SDC1 and is taken from the TSC.]</i>  <i>[Note: Please note that <del>further consideration is being given to the interrelationship of this term (which is applicable under the TSC to all Generating Units) with “Minimum Down Time” which is only applicable under the TSC to Demand Side Units.</del>—<a href="#">this definition is being introduced for the purposes of Part 1 of Appendix A to SDC1 and it is being considered whether to use the first definition which is taken from the TSC or the second definition which is the existing EirGrid definition for Minimum Down Time.</a>]</i>
<b>Minimum on time</b>	The minimum time that must elapse from the time a <b>Generating Unit</b> is instructed to <b>Start Up</b> before it can be instructed to shut down.  <i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC</i>

Defined Term	Definition
	<i>and is to be considered further.]</i>
<b>Minimum Reservoir Capacity</b>	[ ]  <i>[Note: Please note that this defined term is being introduced for the purposes of Part 1 of Appendix A to SDC1 and that further consideration is being given as to how this term should be defined.]</i>
<b>Minimum Generation</b>	The minimum <b>Output</b> which a <b>Generating Unit</b> <del>or a WFPS</del> can generate continuously, registered with the TSO under SDC1 as a [ <del>GSDP/Contracted Parameter/Operating Characteristic</del> <u>Technical Parameters</u> ].  <i>[Note: Please note that this definition was modified from the definition in the EirGrid and SONI Grid Codes.]</i>
<u><b>NI Distribution System</b></u>	<u>The Distribution System owned and operated by NIE.</u>
<u><b>NI System</b></u>	<u>Together, the NI Transmission System and the NI Distribution System.</u>
<u><b>NI Transmission System</b></u>	<u>The system consisting (wholly or mainly) of high voltage electricity lines owned and/or operated by SONI for the purposes of the transmission of electricity from one Power Station to a sub-station or to another Power Station or between sub-stations or to or from any External Interconnection including any Plant and Apparatus and meters owned or used by SONI in connection with the transmission of electricity.</u>
<b>NI PPA CCGT</b>	<i>[Note: Please note that further consideration is being given to a definition for this term.]</i>
<b>NI PPA CDGU</b>	<i>In Northern Ireland, a CDGU which is subject to a <b>Generating Unit Agreement</b> as at the <b>Transfer Date</b> to the extent it continues to be so subject, which agreement being made between [NIE Energy] on the one hand and <b>Kilroot Power Limited, Premier Power Limited or Coolkeeragh Power Limited</b> on the other.</i>  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>
<b>NI PPA Generation</b>	<i>[A <b>Generator</b> which is subject to a <b>Generating Unit Agreement</b> as at the <b>Transfer Date</b> to the extent it continues to be so subject, which agreement being made between [NIE Energy] on the one hand and <b>Kilroot Power Limited, Premier Power Limited or Coolkeeragh Power Limited</b> on the other.]</i>  <i>[Note: This definition applies only to the SONI Grid Code.]</i>

Defined Term	Definition
<b>No Load Cost</b>	A price which forms part of <b>Commercial Offer Data</b> expressed in € or £/hour and which is invariant in the level of <b>MW Output</b> and which applies at all times when the level of [ <b>MW Output</b> ] is greater than zero.
<b>Non-CD Plant</b>	[A <b>Power Station</b> not subject to <b>Central Dispatch</b> . / A <b>Generating Unit</b> not normally set to <b>Generating Dispatch</b> .]  <i>[Note: Please note that the interrelationship with the term “Non-Centrally Dispatched Generating Unit” in the EirGrid Grid Code is currently being considered.]</i>
<b>Operating Mode</b>	[An <b>Operating Mode</b> of a <b>Generating Unit</b> is a pre-defined method of operating that <b>Generating Unit</b> , as agreed between the TSO and the User.]  <i>[Note: Please note that this definition was taken from the EirGrid Grid Code and that the wording is being considered further.]</i>
<b>Optimisation Time Horizon Period</b>	The thirty hour period starting at 06:00 hours on the <b>Trading Day</b> .  <i>[Note: Please note that this definition was taken from the TSC.]</i>
<b>Other Grid Code</b>	The <b>Grid Code</b> governing the <b>Other Transmission System</b> .
<b>Other TSO</b>	The <b>Transmission System Operator</b> of the <b>Other Transmission System</b> .
<b>Other Transmission System</b>	In the SONI Grid Code: <i>The transmission system operated by EirGrid in the Republic of Ireland.</i>  In the EirGrid Grid Code: <i>The transmission system operated by SONI in Northern Ireland.</i>  <i>[Note: Please note that the term “Other Transmission System” will be defined differently in the SONI and EirGrid Grid Codes.]</i>
<b>Output</b>	[The actual <b>Active Power</b> output at the main <b>Generator Terminals</b> of a <b>CDGU</b> (in MW) or, as the case may be, the actual output at the <b>Connection Point</b> of a [ <b>Controllable</b> ] <b>WFPS</b> (in MW), derived from data measured pursuant to the <b>Metering Code</b> .]  <i>[Note: Please note that further consideration is being given to the wording of this definition.]</i>
<u>[Participant]</u>	<u>[A Party or business division of a Party which at the relevant time has been designated as, or deemed to be, the Participant in relation to any Units which have been registered in accordance with the</u>

Defined Term	Definition
	<p><a href="#">Trading and Settlement Code.</a></p> <p><i>[Note: Please note that this definition was taken from the TSC and is being considered further.]</i></p>
<b>Planned Outage</b>	<p>An <b>Outage</b> which has been planned in advance of the year in which it is to be taken under [OC2] (and which does not therefore include any overrun of the <b>Outage</b>), which may be either a <b>Flexible Planned Outage</b> or an <b>Inflexible Planned Outage</b>.</p> <p><i>[Note: Please note that this definition applies to the SONI Grid Code only and is being considered further.]</i></p>
<b>Power Station Agreement</b>	<p>[In Northern Ireland,] an agreement so entitled between a <b>Generator</b> and [NIE Energy] relating to a <b>Power Station</b> of the <b>Generator</b> as a whole.</p> <p><i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i></p>
<b>Power Station Equipment</b>	<p>[Items of <b>Plant</b> in a <b>Power Station</b> which are integral to the operation of a <b>CDGU</b> [and/or <b>CCGT Installation</b>] and/or [Controllable] <b>WFPS</b>, but which are not used exclusively in the operation of such <b>CDGU</b> [and/or <b>CCGT Installation</b>] and/or [Controllable] <b>WFPS</b>, the <b>Outage</b> of which will, or is likely to (when, for example, taken together with other <b>Power Station Equipment Outages</b>), reduce the level of Availability of a <b>CDGU</b> [and/or <b>CCGT Installation</b>] and/or [Controllable] <b>WFPS</b>.]</p> <p><i>[Note: Please note that this definition applies to the SONI Grid Code only and is being further considered.]</i></p>
<b>Price Quantity Pairs</b>	<p>Prices and their respective quantities for <b>Generating Units</b> as part of <b>Commercial Offer Data</b>.</p> <p><i>[Note: Please note that this definition was modified from the definition in the TSC.]</i></p>
<b>Price Maker Generating Unit</b>	<p>[A <b>Generating Unit</b> that is <b>Dispatchable</b> and may be a <b>Variable Price Maker</b> or a <b>Predictable Price Maker Generating Unit</b>.]</p> <p><i>[Note: Please note that this definition was taken from the TSC but is being considered further.]</i></p>
<b>Price Sets</b>	<p>The <b>Price Quantity Pairs</b>, <b>Start-up Costs</b> and <b>No Load Costs</b> submitted by a <b>User</b> under SDC1.</p>
<b>Primary Frequency</b>	<p><a href="#">[Primary Frequency Control takes place in the period of up to 30 seconds after a change in Frequency and is achieved by automatic</a></p>

Defined Term	Definition
<u>Control</u>	<p><u>corrective responses to Frequency deviations occurring on the Transmission System. This automatic correction arises from:</u></p> <p><u>(a) natural frequency demand relief of motor load;</u></p> <p><u>(b) automatic MW output adjustment of Generating Units initiated by Governor Droop or other responses including peaking of Combustion Turbine Units, condensate stop or frequency triggered response of pumped storage units;</u></p> <p><u>(c) automatic load shedding.</u></p> <p><i>[Note: Please note that this definition was taken from the EirGrid Grid Code and is being considered further.]</i></p>
<b>Priority Dispatch</b>	The <b>Dispatch</b> given priority as afforded under governing legislation in either jurisdiction.
<b>Pumped Storage Plant Demand</b>	<p>[The <b>Demand</b> taken by a <b>Pumped Storage Plant</b>.]</p> <p><i>[Note: Please note that further consideration is being given to this definition.]</i></p>
<b>Pumped Storage Generator</b>	<p>A <b>Generator</b> which owns and/or operates any <b>Pumped Storage Plant</b>.</p> <p><i>[Note: Please note that this definition was taken from the EirGrid Grid Code.]</i></p>
<b>Pumped Storage Plant</b>	<p>A <b>Generation Plant</b> that produces <b>Active Energy</b> using water from an upper reservoir and takes energy by pumping water up to the same reservoir.</p> <p><i>[Note: Please note that this definition was taken from the EirGrid Grid Code.]</i></p>
<b>Pumping capacity</b>	<p>[ ]</p> <p><i>[Note: Please note that a definition for this term is currently being considered.]</i></p>
<u>Unit Load</u>	<p>[ ]</p> <p><i>[Note: Further consideration is being given to this definition.]</i></p>
<b>Ramp Down Break Point</b>	<i>[Note: Please note that this defined term was introduced for Part 1 of Appendix A to SDC 1 and that its definition is being considered further.]</i>

Defined Term	Definition
<b>Ramp Down Rate</b>	<p>The rate of decrease in a <b>Generating Unit's Output</b> after the <b>End Of Start-up Period</b>. The <b>Ramp-down Rate</b> applies over the output range from its <b>Registered Capacity</b> to <b>Minimum Generation</b>. The rate of change is not dependent upon the initial warmth of the plant but may depend on the <b>MW Output</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the EirGrid Grid Code and is being considered further.]</i></p>
<b>Ramp Up Break Point</b>	<p>[ ]</p> <p><i>[Note: Please note that this defined term was introduced for Part 1 of Appendix A to SDC 1 and that its definition is being considered further.]</i></p>
<b>Ramp Up Rate</b>	<p>The rate of increase in a <b>Generating Unit's Output</b> after the <b>End Of Start-up Period</b>. This rate of increase continues until the <b>Generating Unit</b> reaches the level of output instructed by the control room operator of its <b>Registered Capacity</b>. Following the <b>End Of Start-up Period</b>, the rate of increase is not dependent upon the initial warmth of the plant but may depend on the <b>MW Output</b>.</p> <p><i>[Note: Please note that this definition, which was introduced for Part 1 of Appendix A to SDC 1, was taken from the EirGrid Grid Code's definition for Ramp Up Capability and is being considered further.]</i></p>
<b>Reserve Characteristics</b>	<p>The MW level of reserve available at any given MW <b>Output</b> of a <b>CDGU</b> as set out in the [<b>Sustained Load Diagram in Northern Ireland</b> / [available <b>Ancillary Service</b>] in the <b>Republic of Ireland</b>].</p> <p><i>[Note: Please note that this definition was modified from the definition in the SONI Grid Code and is being further considered.]</i></p>
<b>Scheduled Synchronising</b>	[The <b>Scheduling</b> of a <b>Generating Unit</b> which is <b>Synchronised</b> ]
<b>Scheduling and Dispatch Code (SDC)</b>	The parts of the <b>Grid Code</b> which specify the <b>Scheduling</b> and <b>Dispatch</b> process.
<b>Short Term Maximisation Capability</b>	<p>The capability of a <b>Generating Unit</b> to deliver, for a limited duration of time, <b>MW Output</b> greater than its [<b>Contracted Capacity</b> / <b>Registered Capacity</b> / <b>Maximum Export Capacity</b>].</p> <p><i>[Note: Please note that this definition was taken from the EirGrid Grid Code.]</i></p>
<b>Short term Planned Maintenance Outage</b>	<i>An <b>Outage</b> designated as an <b>STPM Outage</b> in or accordance with [OC2.6.3(e)] (the duration of which shall not, unless the <b>TSO</b> in its absolute discretion agrees, exceed 72 hours) but not including any</i>

Defined Term	Definition
<b>STPM Outage</b>	<p><i>overrun of such Outage.</i></p> <p><i>[Note: Please note that the definition applies to the SONI Grid Code only.]</i></p>
<b>Single Electricity Market (SEM)</b>	<p>The wholesale all-island single electricity market established and governed pursuant to the relevant legislation and the TSC.</p> <p><i>[Note: Please note that this definition was taken from the TSC.]</i></p>
<b>Soak Time Cold</b>	<p>[The duration for which the <b>Generating Unit</b> must remain at the <b>Soak Time Trigger Point Cold</b> during a <b>Cold Start</b>.]</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i></p>
<b>Soak Time Hot</b>	<p>The duration for which the <b>Generating Unit</b> must remain at the <b>Soak Time Trigger Point Hot</b> during a <b>Hot Start</b>.</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i></p>
<b>Soak Time Trigger Point Cold</b>	<p>A constant MW level at which a <b>Generating Unit</b> must remain while loading up between zero MW and <b>Minimum Stable-Generation</b> after a <b>Cold Start</b>.</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i></p>
<b>Soak Time Trigger Point Hot</b>	<p>A constant MW level at which a <b>Generating Unit</b> must remain while loading up between zero MW and <b>Minimum Stable-Generation</b> after a <b>Hot Start</b>.</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i></p>
<b>Soak Time Trigger Point Warm</b>	<p>A constant MW level at which a <b>Generating Unit</b> must remain while loading up between zero MW and <b>Minimum Stable-Generation</b> after a <b>Warm Start</b>.</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i></p>

Defined Term	Definition
Soak Time Warm	The duration for which the <b>Generating Unit</b> must remain at that <b>Soak Time Trigger Point Warm</b> during a <b>Warm Start</b> .  <i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i>
Special Action	Those actions referred to in SDC2.4.3.
<del>{Spinning Reserve Availability}</del>	<del>A Generating Unit's declared Spinning Reserve Availability under SDC1.</del>
Spinning Reserve Capability	<i>The ability of a CDGU to provide Spinning Reserve.</i>  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>
<del>{Spinning Reserve Capacity}</del>	<del><i>[Note: Please note that further consideration is being given to the definition of this term.]</i></del>
<del>Standing Offer Data</del>	<del><i>[Note: Please note that further consideration is being given to the definition of this term.]</i></del>
Standing Technical Offer Data	<u><a href="#">[Technical offer data provided on registration, and updated, by a User of each of its Units in accordance with the TSC.]</a></u>  <i>[Note: Please note that further consideration is being given to the definition of this term.]</i>
[Start-up Price]	The costs associated with <b>Start-Ups</b> .  <i>[Note: Please note that this definition was taken from the TSC and is being considered further.]</i>
<i>Sustained Load Diagram</i>	<i>In Northern Ireland, a schedule setting out the Sustained Response Capability of a CDGU or CCGT Installation annexed to schedule 8 of the Generating Unit Agreement for that CDGU or CCGT Installation and submitted to the TSO pursuant to the Planning Code.</i>  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>
Sustained Response Capability	<i>In Northern Ireland, has the meaning set out in [OC11.5.5.]</i>  <i>[Note: Please note that this definition applies only to the SONI Grid Code.]</i>
Synchronous Start-Up	<i>[Note: Please note that this defined term was introduced for Part 1 of Appendix A to SDC 1 and that its definition is being considered</i>

Defined Term	Definition
Time Hot	<i>further.]</i>
Synchronous Start-Up Time Warm	<i>[Note: Please note that this defined term was introduced for Part 1 of Appendix A to SDC 1 and that its definition is being considered further.]</i>
Synchronous Start-Up Time Warm	<i>[Note: Please note that this defined term was introduced for Part 1 of Appendix A to SDC 1 and that its definition is being considered further.]</i>
<i>[System Support Agreement]</i>	<i>[In the ROI only, a bilateral agreement between the TSO and a User for services which are required for System reasons and which exclude those which must be provided by Users in accordance with the Connection Conditions.]</i>  <i>[Note: Please note that the above definition applies to the Republic of Ireland only.]</i>
Target Reservoir Levels	Part of the <b>Commercial Offer Data</b> for a <b>Pumped Storage Generating Unit</b> and means the target level of the reservoir for the beginning of the <b>Trading Day</b> .  <i>[Note: Please note that this definition was taken from the TSC.]</i>
<i>Temperature Correction Factor</i>	<i>In Northern Ireland, the figure derived from [Schedule 2 to the relevant Generating Unit Agreement].</i>  <i>[Note: Please note that this definition applies to the SONI Grid Code only.]</i>
<u>[Technical Parameters]</u>	<u><i>[In Northern Ireland, those parameters listed in Appendix A to SDC1 relating to CDGUs and/or CCGT Installations.]</i></u>  <u><i>[In the Republic of Ireland, the technical capabilities, flexibilities and limitations for the operation of a Generation Unit as registered or declared in accordance with the provisions of the Grid Code..]</i></u>  <u><i>[Note: Please note that the definitions above were taken respectively from the SONI and EirGrid Grid Codes and that further consideration is being given to these definitions.]</i></u>
<u>[Technical Parameters] Notice</u>	<u>A notification as submitted under SDC1.4.4.1.</u>
[Thermal Plant]	<i>[Note: Please note that further consideration is being given to the definition of this term.]</i>
<b>Tie-Break Situation</b>	<b>[A situation where two or more Generating Units have the same Price Set/Indicative Price Bids] and a TSO is not able to determine which</b>

Defined Term	Definition
	<del>Generating Unit to dispatch first on the basis of the factors listed under SDC1.4.5.2 to SDC1.4.5.4.]</del>  <del>[Note: Please note that the wording of the above definition is being considered further.]</del>
<b>Total System</b>	[Together, the <b>Transmission System, Distribution System</b> , and all <b>User Systems</b> in [Northern Ireland and the Republic of Ireland].]  <i>[Note: Please note that the wording of the above definition is being considered further.]</i>
<b>Trading and Settlement Code (TSC)</b>	A code of that name put in place by the <b>Market Operator</b> .
<b>Trading Day</b>	A 24-hour period combining forty-eight 30 minute <b>Trading Periods</b> (except on the clock change days in spring and autumn when the period will be 23 and 25 hours respectively with forty-six and fifty 30 minute <b>Trading Periods</b> respectively). Each <b>Trading Day</b> commences at 06.00 hours.
<b>Trading Period</b>	A thirty minute period beginning on each hour or half hour.
<b>Transmission System</b>	[The <b>System</b> consisting (wholly or mainly) of high <b>Voltage</b> electric lines and cables operated by a <b>TSO</b> for the purposes of transmission of electricity from one <b>Power Station</b> to a sub-station or to another <b>Power Station</b> or between sub-stations or to or from any <b>External Interconnection</b> including any <b>Plant</b> and <b>Apparatus</b> and meters owned or operated by a <b>TSO</b> or [TAO/TO] in connection with the transmission of electricity.]  <i>[Note: Please note that the wording of the above definition is being considered further.]</i>
<b>Transmission System Operator (TSO)</b>	[The holder of the <b>Licence</b> granted either pursuant to Section 14 of the <b>Electricity Regulation Act 1999</b> or Article 10(1)(b) of the <b>Electricity (Northern Ireland) Order 1992</b> to operate a <b>Transmission System</b> .]
<b>TSO's Control Centre</b>	A location used by a <b>TSO</b> for the purpose of control and operation of a [Transmission System].
<b>TSO Licence</b>	[A <b>Licence</b> authorising a <b>TSO</b> to carry out electricity transmission activities, granted either pursuant to Article 10(1)(b) of the <b>Electricity (Northern Ireland) Order 1992</b> in Northern Ireland or pursuant to section 14 of the <b>Electricity Regulation Act 1999</b> in the Republic of Ireland.]
<del>[Transmission] System</del>	<del>[Note: Please note that further consideration is being given to the</del>

Defined Term	Definition
<b>Test</b>	<del>definition of this term.</del>
<b>Unavailable</b>	[In relation to a <b>CDGU</b> means that the <b>Availability</b> of the <b>CDGU</b> is 0 MW. The term " <b>Unavailability</b> " shall be construed accordingly.]  <i>[Note: Please note that the definition was modified from the definition in the SONI Grid Code and is being considered further.]</i>
<b>Unconstrained Indicative Market Schedule</b>	<i>[Note: Please note that further consideration is being given to the definition of this term.]</i>
<b>Under Flag Test</b>	The flag indicating the under test status accorded to certain <b>Generating Units</b> by the relevant <b>TSO</b> in accordance with the relevant <b>Grid Code</b> . <b>Under Test</b> in accordance with the <b>TSC</b> is subject to the requirements both that the <b>Market Operator</b> has verified the status with the relevant <b>TSO</b> and that the relevant <b>Unit</b> is so permitted as set out in paragraph 5.133A of the <b>TSC</b> .  <i>[Note: Please note that this definition was taken from the TSC's definition for "Under Test".]</i>
<b>Under Test End Date</b>	[The date on which the <b>Under Test</b> status accorded to certain <b>Generating Units</b> ends.]  <i>[Note: Please note that the definition of this term is to be considered further.]</i>
<b>Under Test Start Date</b>	[The date on which the <b>Under Test</b> status accorded to certain <b>Generating Unit</b> starts.]  <i>[Note: Please note that the definition of this term is to be considered further.]</i>
<b>Voltage Control</b>	The retention of the <del>Transmission</del> <b>System Voltage</b> within acceptable limits.  <i>[Note: Please note that this definition was modified from the definition in the EirGrid Grid Code and is to be further considered.]</i>
<b>Warm Cooling Boundary</b>	The period of time, which must be greater than that defined by the <b>Hot Cooling Boundary</b> , post de-Synchronisation of a <b>Generating Unit</b> after which the <b>Generating Unit's Warmth State</b> transfers from being <b>Warm</b> to <b>Cold</b> .  <i>[Note: Please note that this definition, which is being introduced for the purposes of Part 1 of Appendix A to SDC1, is taken from the TSC and is to be considered further.]</i>

Defined Term	Definition
<b>Warm Start</b>	<p>Any <b>Synchronisation</b> of a <b>Generating Unit</b> that has previously not been <b>Synchronised</b> for a period of time [equal to or longer than its <b>[Accepted/submitted] Hot Cooling Boundary</b> but shorter than its <b>[Accepted] Warm Cooling Boundary</b>.]</p> <p><i>[Note: Please note that this definition, <del>which is being</del> <u>was taken from the TSC and was</u> introduced for the purposes of <b>Part 1 of Appendix A to SDC1</b>, <del>is taken from the TSC and is to be considered further</del>. <u>Further consideration needs to be given as to how this will work after Gate Closure.</u>]</i></p>
<b>Warmth</b>	<p>The temperature related condition of a <b>CDGU</b> which changes according to the length of time since the <b>CDGU</b> was last <b>De-Synchronised</b>, expressed as various levels of warmth (for example "hot", "warm" and "cold") as may be specified (dependent upon the design of the <b>CDGU</b>) <i>in the <b>Generating Unit Agreement</b> relating to that <b>CDGU</b>.</i></p> <p><i>[Note: Please note that this definition was taken from the <b>SONI Grid Code</b> and is being further considered.]</i></p> <p><i>[Note: Please note that the words in italic apply to the <b>SONI Grid Code</b> only.]</i></p>
<b>Warmth State</b>	<p>Either cold, warm or hot, as defined under the timeframes since last de-Synchronisations for <b>Cold start</b>, <b>Warm Start</b> or <b>Hot Start</b> respectively.</p> <p><i>[Note: Please note that this definition, which is being introduced for the purposes of <b>Part 1 of Appendix A to SDC1</b>, is taken from the <b>TSC</b> and is to be considered further.]</i></p>