

# MODIFICATION RECOMMENDATION FORM



RECOMMENDATION TO CER BY EIRGRID OF MODIFICATION TO GRID CODE.

<b>ABSTRACT / TITLE OF MODIFICATION</b>	General Housekeeping of the Grid Code
<b>MODIFICATION NUMBER</b>	208
<b>RECOMMENDED AT GCRP MEETING NUMBER</b>	27
<b>LIST OF GRID CODE SECTION(S) AFFECTED BY PROPOSED MODIFICATION:</b>	Various clauses and sections throughout the Grid Code.
<b>CURRENT GRID CODE VERSION :</b>	3.5
<b>MODIFICATION DESCRIPTION Overview</b> <b>SUMMARY DESCRIPTION OF:</b> a) THE REASON FOR THE RECOMMENDED MODIFICATION b) HISTORY OF PROGRESSION THROUGH GCRPs, WORKING GROUP AND/OR CONSULTATION c) SUMMARY NOTE OF ANY OBJECTIONS TO THE RECOMMENDED CHANGE FROM GCRP MEMBERS OR CONSULTATION RESPONSES d) OUTCOME OF ANY GCRP MEETING ACTIONS RELATING TO THE RECOMMENDED MODIFICATION	<p><b><u>The Reason for the Recommended Modification</u></b>  The main purpose of this modification is to amend some incorrect bolding of Grid Code definitions and to correct some incorrect text formatting.</p> <p><b><u>History of Progression through GCRPs, Working Group and/or Consultation</u></b>  The modification was recommended for approval at GCRP meeting #27, 23<sup>rd</sup> February 2011.</p> <p><b><u>Summary Note of any Objections to the Recommended Change from GCRP Members or Consultation Responses</u></b>  No objections or concerns were raised.</p> <p><b><u>Outcome of any GCRP Meeting Actions relating to the Recommended Modification</u></b>  The GCRP members agreed to recommend the modification to the CER.</p>
	<b><u>Recommended Modifications to the Grid Code</u></b>
	<p><b>PC.6.7</b></p> <p><b>Change the second paragraph from letter reference to number reference as highlighted in RED below.</b></p> <p>To reflect the different types of data referred to above <b>System Planning Data</b> is itself divided into those terms of data:</p> <ol style="list-style-type: none"> <li>(1) which will always be forecast, known as <b>Forecast Data</b>;</li> <li>(2) which upon connection become fixed (subject to any subsequent changes), known as <b>Registered Data</b>; and</li> <li>(3) which relate to <b>Plant</b> and/or <b>Apparatus</b> which for the purposes of the <b>Plant</b> and/or <b>Apparatus</b> concerned as at the date of submission are <b>Registered Data</b> but which for the ten succeeding years will be an estimate of what is expected, known as <b>Estimated Registered Data</b>.</li> </ol>

	<p><b>CC.13.1</b></p> <p><b>Duplication of the (a) reference. Change the second paragraph reference from (a) to (b) as highlighted in RED below.</b></p> <p>(a) 400 V ac / 230 V ac power supplies as required by the <b>TSO</b> for <b>Transmission Station</b> facilities, the capacity and detail of which shall be as specified by the <b>TSO</b> and provided for in the <b>User's Connection Agreement</b>.</p> <p>(b) a standby supply for all ac power supplies for <b>Transmission Station</b> facilities by a diesel generator, unless alternative means are agreed with the <b>TSO</b>, such agreement not to be unreasonably withheld. In the event of loss of mains, standby supplies shall be capable of being sustained for a minimum of 10 hours.</p>
	<p><b>OC2.6.1</b></p> <p><b>Un-bold the font of the reference number highlighted below.</b></p> <p><b>OC2.6.1</b> A request for a change to an <b>Outage</b> included in the <b>Committed Outage Programme</b> or an additional <b>Outage</b> may be initiated either by the <b>TSO</b> or by a <b>Generator, Generator Aggregator</b> or <b>Dispatchable Demand Customer</b> at any time.</p>
	<p><b>OC2.6.2</b></p> <p><b>Un-bold the font highlighted below.</b></p> <p><b>OC2.6.2</b> Request initiated by the <b>TSO</b></p>
	<p><b>OC2.6.3</b></p> <p><b>Un-bold the font highlighted below.</b></p> <p><b>OC2.6.3</b> <b>Outage change initiated by a Generator, Generator Aggregator or Dispatchable Demand Customer</b></p>
	<p><b>OC4.3.3.2.1 (b)</b></p> <p><b>Bold the font for the term 'Combustion Turbine' and capitalise and bold the font for the term 'Units', highlighted in blue text below.</b></p> <p>(b) automatic MW output adjustment of <b>Generation Units</b> initiated by <b>Governor Droop</b> or other responses including peaking of <del>Combustion Turbine Units</del> <b>Combustion Turbine Units</b>, condensate stop or frequency triggered response of pumped storage units;</p>

	<p><b>OC4.4.5.2</b></p> <p><b>Change Generator to Generation Unit, highlighted in blue text below.</b></p> <p>The TSO shall adjust <b>System Voltages</b>, using control facilities that are available so as to achieve the Mvar capacity necessary in order to operate <b>Transmission System Voltages</b> at <b>Connection Points</b> within the levels specified in CC.8.3 and retain a dynamic Mvar capability to deal with changing <b>System</b> conditions which result from changes in <b>Demand</b> or changes in transmission or generation configuration, whether as a result of control actions or faults. This may necessitate the modification of <del>Generator</del> <b>Generation Unit</b> MW output.</p>
	<p><b>OC8.6.2.1</b></p> <p><b>The clause is disjointed, reattach orphaned text.</b></p>
	<p><b>OC9.4.5.3</b></p> <p><b>Indent the paragraph in line with other paragraphs consistent within the Grid Code.</b></p>
	<p><b>WFPS1.7.1.1      <i>Signals List #1</i></b></p> <p>Apply a bold font to the term '<b>Connection Point</b>' (view the last paragraph in this section).</p> <p>For the <b>Controllable WFPS's</b> where the <del>Connection Point</del> <b>Connection Point</b> is at the HV side of the <b>Grid Connected Transformer</b>, signals a), b) and c) above will also be required from the HV side of the <b>Grid Connected Transformer</b>.</p>
	<p><b>ACRONYMS</b></p> <p>Insert a new term 'SVC' between 'SOR' and 'TAO'.</p> <p><b>SVC</b> Static Var Compensator</p>
	<p><b>Definition for Control Centre</b></p> <p>Invert the bold font applied to the definition.</p> <p>A location used for the purpose of monitoring, control and operation of the <b>Transmission System</b> or a <b>User System</b> other than a <b>Generator 's System</b>.</p>

	<p><b>General Formatting</b></p> <p>Delete three empty tables within the Definition's table located after the term <b>Settlement Day</b>.</p>
	<p><b>Definition for Wind Turbine Generator(s) (WTG)</b></p> <p>Apply bold formatting to the term <b>Generation Unit(s)</b> highlighted in blue text below.</p> <p>A <del>Generation Unit(s)</del> <b>Generation Unit(s)</b> generating electricity from wind.</p>
<p><b>IMPLICATION OF NOT IMPLEMENTING THE MODIFICATION</b></p>	<p>If the recommended modification is not implemented the Grid Code will remain inconsistent in terms of the correct bolding of Grid Code definitions and the correct formatting of text.</p>