

# SONI Grid Code Modification Proposal Form

Email To:  
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## Title of Modification Proposal:

SPID (SONI PROPOSAL ID) **SPID\_07\_2023**

Date:	12/09/2023		
Company Name:	SONI		
Applicant Name:	Grid Code Team		
Email Address:	gridcode@soni.ltd.uk	Tel:	+44 28 90 794336
Grid Code Version:	SONI Grid Code version – June 2023 [ <b>Latest Version</b> ] <a href="https://www.soni.ltd.uk/media/documents/SONI-Grid-Code-June-2023.pdf">https://www.soni.ltd.uk/media/documents/SONI-Grid-Code-June-2023.pdf</a>		
Grid Code Section(s) Impacted by Modification Proposal:	GD1 Defined Terms		
Modification Proposal Justification:	Generator Aggregator System Operator Agreements have been in use for several years. The agreements are already in place between the TSO and the existing Generator Aggregators. This modification is proposed to incorporate these agreements into the SONI Grid Code.		

### Red-line Version of Impacted Grid Code Section(s) - show proposed changes to text:

Deleted text in ~~strike-through red font~~ and new text highlighted in **blue font**

Definition:

<b>Aggregated Generating Unit</b>	<p>A group of <b>Generating Units</b> connected to the <b>Transmission or Distribution System</b> and represented by a <b>Generator Aggregator</b>, each of which must not have a <b>Registered Capacity</b> greater than 10 MW. An <b>Aggregated Generating Unit</b> with a total <b>Registered Capacity</b> of 4 MW or more shall be subject to <b>Central Dispatch</b> (and shall therefore be a <b>CDGU</b>), but one with a total <b>Registered Capacity</b> of less than 4 MW may only be subject to <b>Central Dispatch</b> subject to agreement with the <b>TSO</b>. Unless otherwise specified by the <b>TSO</b> or otherwise in the <b>Grid Code</b>, information submitted in respect of an <b>Aggregated Generating Unit</b> shall always be at an aggregated level.</p> <p>The <b>Generating Units</b> are part of an <b>Aggregated Generating Unit</b> of which a <b>Generator Aggregator</b> has entered into a <b>Generator Aggregator System Operator Agreement</b> with the <b>TSO</b> with respect to that premise.</p>
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Generator Aggregator	<p>A person who</p> <ol style="list-style-type: none"> <li>1.) represents several <b>Generating Units</b>, each of which does not have a <b>Registered Capacity/Contracted Capacity</b> greater than 10 MWMW and the combined <b>Registered Capacity/Contracted Capacity</b> of which is equal to or greater than 4 MW, by in particular preparing notices under SDC1, in relation to those <b>Generating Units</b> and receiving <b>Dispatch Instructions</b> in relation to those <b>Generating Units</b> under SDC2. For the avoidance of doubt, a <b>Generator Aggregator</b> cannot aggregate a <b>Generating Unit</b> with an output equal to or above 10 MW.</li> <li>and</li> <li>2.) Is in receipt of or has signed a <b>Generator Aggregator System Operator Agreement</b></li> </ol>
Generator Aggregator System Operator Agreement	<p>The Bilateral agreement between the <b>TSO</b> and <b>Generator Aggregator</b>, which contains the detail specific to the <b>Generating Units</b> which forms part of <b>Aggregated Generating Unit</b></p>
Green-line Version of Impacted Grid Code Section(s) - show proposed final text:	
Aggregated Generating Unit	<p>A group of <b>Generating Units</b> connected to the <b>Transmission</b> or <b>Distribution System</b> and represented by a <b>Generator Aggregator</b>, each of which must not have a <b>Registered Capacity</b> greater than 10 MW. An <b>Aggregated Generating Unit</b> with a total <b>Registered Capacity</b> of 4 MW or more shall be subject to <b>Central Dispatch</b> (and shall therefore be a <b>CDGU</b>), but one with a total <b>Registered Capacity</b> of less than 4 MW may only be subject to <b>Central Dispatch</b> subject to agreement with the <b>TSO</b>. Unless otherwise specified by the <b>TSO</b> or otherwise in the <b>Grid Code</b>, information submitted in respect of an <b>Aggregated Generating Unit</b> shall always be at an aggregated level.</p> <p>The <b>Generating Units</b> are part of an <b>Aggregated Generating Unit</b> of which a <b>Generator Aggregator</b> has entered into a <b>Generator Aggregator System Operator Agreement</b> with the <b>TSO</b> with respect to that premise.</p>
Generator Aggregator	<p>A person who</p> <ol style="list-style-type: none"> <li>1.) represents several <b>Generating Units</b>, each of which does not have a <b>Registered Capacity/Contracted Capacity</b> greater than 10 MWMW and the combined <b>Registered Capacity/Contracted Capacity</b> of which is equal to or greater than 4 MW, by in particular preparing notices under SDC1, in</li> </ol>

	<p>relation to those <b>Generating Units</b> and receiving <b>Dispatch Instructions</b> in relation to those <b>Generating Units</b> under SDC2. For the avoidance of doubt, a <b>Generator Aggregator</b> cannot aggregate a <b>Generating Unit</b> with an output equal to or above 10 MW,</p> <p>and</p> <p>2.) Is in receipt of or has signed a <b>Generator Aggregator System Operator Agreement</b></p>	
<b>Generator Aggregator System Operator Agreement</b>	The Bilateral agreement between the <b>TSO</b> and <b>Generator Aggregator</b> , which contains the detail specific to the <b>Generating Units</b> which forms part of <b>Aggregated Generating Unit</b>	
<b>Defined Terms (Bold):</b>	<b>Generator Aggregator System Operator Agreement</b>	
<b>Implication of Not Implementing the Modification:</b>	The purpose and intention of this modification proposal is to formalise the use of Generator Aggregator System Operator Agreements as well as clarifying their contents.	
<b>Assessment</b>	<p><b><u>Overview:</u></b> This modification is proposed to incorporate Generator Aggregator Unit System Operator Agreements into the Grid Code.</p> <p><b><u>Background:</u></b> Generator Aggregator Unit System Operator Agreements have been in use for several years. The agreements are already in place between the TSO and the existing Generator Aggregators.</p> <p><b><u>Analysis &amp; Opinion:</u></b> The purpose and intention of this modification proposal is to formalise the use of Generator Aggregator System Operator Agreements as well as clarifying their contents.</p> <p><b><u>Conclusion:</u></b> The modification is proposed to update the NI Grid code to incorporate agreements made between Generator Aggregator and SONI. The purpose and intention of this is to formalise the use of these agreements as well as clarifying their contents.</p>	
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