

SEM-Grid Code Harmonisation
and
in Northern Ireland only, EU Directive Compliance
Grid Code Amendments/Modifications Paper for Users
30 August 2007

1. Introduction

- 1.1 Further to the latest consultation process, the Sections Under Common Governance have been further developed. The main changes made to these sections since the last consultation are summarised in this paper.
- 1.2 Please note that the updated versions of SDC1 and SDC2 and the accompanying definitions do not constitute final drafts and, as discussed with the RAs, are still subject to further consideration in certain areas as well as to further comments that the RAs may have.

2. Main Changes

2.1 SDC1

The main changes made to SDC1 are as follows:-

- The term “Common Sections” has been replaced with the term “Sections Under Common Governance” to reflect the fact that there will be some minor differences between the EirGrid and SONI versions of SDC1 and SDC2 but that both sections will be under common governance;
- Demand Side Units: Following comments received and to align the Grid Code with the approach currently taken by the TSC, Demand Side Unit has now become the generic term used to describe a demand site or a group of aggregated demand sites (see below for changes made to the SDC definitions). As a result, apart from the scope sections of SDC1 and SCD2, reference is now made throughout the SDCs to the term “Demand Side Unit” rather than to the combination of the words “Demand Side Unit and Aggregated Demand Side Unit” as was previously the case. Additional text has been added to the Grid Code in appropriate places to deal with this problem;
- SDC1.2 (b) and (c) have been modified following comments received from the RAs to make further references to the TSOs acting in conjunction with one another to ensure the integrity, security and quality of supply of their respective transmission systems;
- Several sections of SDC1 have been restructured into a more logical order. For instance, the sections dealing with revisions and redeclarations of data, defaults and telephone submission of data have now become separate sections rather than being sub-sections of SDC1.4.4 (Technical and Commercial Data Requirements). The cross referencing has been updated accordingly;
- At SDC1.4.8.2 (Merit Order), following comments received from the RAs, the paragraph has been clarified to set out more explicitly the various components of the Price Set;

- At SDC1.4.4.5 (Commercial Offer Data), reference is now being made to “Interconnector Users” and “Interconnector Units” to reflect the fact that the Commercial Offer Data will be in relation to an Interconnector Unit rather than an Interconnector as a whole;
- Following comments received, the technical parameters table at Part 1 of Appendix A has been reformatted into a more user friendly format;
- The provisions of Appendix B of SDC1, a SONI only section, have been expanded to deal more thoroughly with the availability and technical parameters issues affecting NI PPA CDGUs in order to preserve the existing position for these generators;
- The TSOs have agreed an approach to highlight the differences between the forms of SDC1 and SDC 2 in both Grid Codes. As explained in the introduction sections of SDC1 and SDC2, differences in wording between both codes and provisions which only exist in one code are to be shaded in grey. A new Annex I has also been added at the end of SDC1 and SDC2 to summarise the differences between the forms of SDC1 and SDC2 in both codes; and
- Several other small changes have been made throughout SDC1 to tidy up or clarify the meaning of certain provisions.

In addition to the changes described above, please also note that further consideration is being given to adding a new sentence in SDC1 to deal with the issue of net/gross conversion factors in relation to Dispatch Instructions and information submitted by Users under the SDCs.

2.2 SDC2

In addition to the generic changes described above in respect of SDC1 (such as those in relation to Demand Side Units, the way of highlighting differences between both codes or the use of the term “Sections under Common Governance”), the following changes have also been made to SDC2:

- the objective section of SDC2 (SDC2.2) has been modified to refer to the TSOs acting in conjunction with each other in the dispatching process;
- At SDC2.4.2.2(d), the section dealing with the issue of Dispatch Instructions to Interconnector Owners has been expanded to clarify the interaction between Interconnector Owners and Interconnector Users;
- SDC2.4.2.4(l) has been expanded to reflect the issue of Within-Day Testing and to specify that the part of a Dispatch Instruction which is under a Within-Day Test flag will not be deemed to be a Dispatch Instruction for settlement purposes;
- A new provision was introduced at SDC2.4.2.4(m) to deal with gas supply emergencies to enable to the TSOs to issue instructions to users relating to gas supply emergencies where the ordinary dispatch process cannot be followed;
- A new Appendix D has been added at the end of SDC2 to deal with issues specific to NI PPA generators;
- Several other small changes have been made throughout SDC2 to tidy up or clarify the meaning of certain provisions.

2.3 Definitions introduced for the Sections under Common Governance

Consequential changes have been made to the definitions introduced to deal with the Sections under Common Governance to reflect the changes made to the SDCs described above. In addition, the main changes made to the definitions are as follows:

- Demand Side Units (1): the definition of Demand Side Unit has been amended to reflect the fact that a Demand Side Unit refers to both an Individual Demand Site and an Aggregated Demand Site. As a result, new definitions were introduced for an Aggregated Demand Site and Individual Demand Site. As there is a difference between the capability of a DSU to reduce its demand, and the amount of demand it is reducing at any one time, we have introduced a new term Demand Reduction Capability and modified the definition of Demand Reduction. Other amendments were also made to existing demand definitions;
- Demand Side Units (2): Please note that “Dispatchable Demand Customer” is the term used to refer to a User who is responsible for an Individual Demand Site or an Aggregated Demand Site. The term DSU Aggregator is no longer used;
- Aggregator: The definition of Aggregator was amended to reflect the fact that an Aggregator can either be a Generator Aggregator or a Dispatchable Demand Customer in respect of an Aggregated Demand Site;
- Aggregated Generating Unit/Generator Aggregator: these definitions were amended to reflect the fact that each Generating Unit which is part of an Aggregated Generating Unit must not have a Registered Capacity or a Contracted Capacity greater than 10 MW. The definition of Aggregated Generating Unit is still subject to further consideration;
- Aggregated Maximum Export Capacity: this definition was introduced to clarify that the relevant values to be looked at in the case of Aggregated Generating Units were the aggregated values provided in each connection agreements for the relevant Generating Units;
- Aggregated Maximum Import Capacity: this definition was also introduced to clarify that the maximum import capacity values which were relevant in the case of an Aggregated Demand Site or Aggregated Generating Unit are the aggregated values provided in each connection agreement for the Individual Demand Sites or Generating Units which are comprised in the Aggregated Demand Site or Aggregated Generating Unit;
- Sections Under Common Governance: the definition of Common Section was deleted and has been replaced by a new definition for sections under common governance as discussed above;
- Within-Day-Test: following changes made at SDC2 and OC11 of the SONI Grid Code, a new definition has been added in the SONI Grid Code for Within-Day-Test.

Please note that in addition, the definition of “Central Dispatch” and other related definitions are subject to more consideration further to recent conversations with the RAs.

3. Next Steps

- 3.1 The latest versions of the Grid Codes including the SDCs are being sent to the RAs for their discussion and approval, which is expected by 28 September 2007. In the interim period, if you have any queries on the proposed modifications, please send these queries to the Secretary of either Grid Code Review Panel.

SONI Limited
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EirGrid Plc