



**Single Electricity Market
(SEM)**

Capacity Market Code Workshop 30

Appendix A

Approved Modification Text Drafting

SEM-24-002

10 January 2024

APPROVED MODIFICATION TO CAPACITY MARKET CODE DRAFTING

Modify the following paragraphs as follows:

- E.8.5.3 For each Capacity Market Unit, the De-Rated Firm Network Access Capacity shall be:
- (a) in the case of an Aggregated Generator Unit, the sum, for all of the Generators that form part of that Aggregated Generator Unit, of the Firm Network Access Capacity of the Generator multiplied by the De-Rating Factor applicable to a ~~unit~~ Generator of the Technology Class and Initial Maximum On Time (Total) and Initial Annual Run Hour Limit (Total) of that Generator with an Initial Capacity equal to the Firm Network Access Capacity of that Generator; and
 - (b) in all other cases, the Firm Network Access Capacity of the Generator Unit or Interconnector multiplied by the De-Rating Factor applicable to a unit of the Technology Class and Initial Maximum On Time (Total) and Initial Annual Run Hour Limit (Total) of that Generator Unit or Interconnector and with an Initial Capacity equal to the Firm Network Access Capacity of that Generator Unit or Interconnector.
- G.3.1.4A For a Capacity Market Unit, the De-Rated Grid Code Commissioned Capacity shall be the Grid Code Commissioned Capacity of the Generator Unit or Interconnector multiplied by:
- (a) where a unit has a zero INCTOL value, the De-Rating Factor applicable to a unit of the Technology Class and the Annual Run Hour Limit(s) of that Generator Unit or Interconnector and with an Initial Capacity equal to the Grid Code Commissioned Capacity and an Initial Maximum On Time equal to the Grid Code Commissioned ~~Maximum~~Maximum On Time of that Generator Unit or Interconnector as specified in the Initial Auction Information Pack for the relevant Capacity Auction in which the relevant Awarded New Capacity was allocated (Grid Code Commissioned De-rating Factor)
 - (b) otherwise where a unit has a non-zero INCTOL value the Gross De-Rating Factor, as specified in item 3 (b) of Appendix E “Qualification Capacity Register Data”;
- I.1.3.1 (b) at all times during the Capacity Year the cumulative de-rated capacity provided by the mix of Generators (based on each Generator’s individual Initial Capacity and the De-Rating Factor applicable to its Technology Class, Annual Run Hour Limit and Initial Maximum On Time (Total) ~~and Initial Annual Run Hour Limit (Total)~~ at the time the Aggregated Generator Unit last Qualified) equals or exceeds the Awarded Capacity provided by that Aggregated Generator Unit applicable to that Capacity Year (except to the extent the System Operators agree otherwise in writing);

Appendix E, 3(b)

- (ii) the Gross De-Rating Factor for each Capacity Market Unit (FDERATE Ω) where this is the value determined in accordance with paragraph E.8.8.1(c), E.8.8.2(e) or E.8.8.3(d) as applicable (and allowing for paragraph E.8.8.4), with the exception that this is to be replaced by the value determined in accordance with paragraph E.8.8.1(b), E.8.8.2(d) or E.8.8.3(c) as applicable in the event that New Capacity is not Awarded Capacity in the Capacity Auction or if all the Awarded Capacity in respect of New Capacity is terminated. For the avoidance of doubt, the Gross De-Rating Factor for a Capacity Market Unit which has Qualified in respect of New Capacity does not change solely as a result of it being allocated an amount of Awarded New Capacity in the Capacity Market Unit but the amount allocated is less than the amount of New Capacity Qualified in respect of that Capacity Market Unit; and
- (iii) where paragraph G.3.1.2C or G.3.1.2D or G.3.1.2F or G.3.1.2G applies or where a change in Technology Class is granted in accordance with section J.5.4 the Gross De-Rating Factor for a Capacity Market Unit (FDERATE Ω) shall be re-determined on the same basis as in sub-paragraph (ii) except that it shall use a value of Initial Capacity equal to the Grid Code Commissioned Capacity and an Initial Maximum On Time equal to the Grid Code Commissioned Maximum On Time and the updated Technology Class and Annual Run Hour Limit(s) of the Capacity Market Unit as applicable; and

Add the following paragraphs:

- G.3.1.2E The value of Commissioned Annual Run Hour Limit
- (a) in respect of New Capacity which generates using combustion shall be the maximum number of hours per Capacity Year during which the relevant combustion plant, in whole or in part, may operate in compliance with all applicable legislation, licences, authorisations, consents and permits obtained as required for Substantial Financial Completion; and
- (b) in respect of all other capacity shall be assumed to have the value 8760 hours.
- G.3.1.2F For a Generator Unit (other a Demand Side Unit or Aggregated Generator Unit), the Commissioned Annual Run Hour Limit may differ from the Initial Annual Run Hour Limit included in the Application for Qualification only where this does not result in a breach of the relevant Connection Agreement(s) (as modified from time to time).
- G.3.1.2G For a Demand Side Unit or Aggregated Generator Unit, the Commissioned Annual Run Hour Limit may differ from the Initial Annual Run Hour Limit included in the Application for Qualification.