Addendum to Rule Change Notice: Estimates for GIA facilities (RC_2020_03)

Background

On 13 May 2020, Alinta Energy submitted a Rule Change Proposal titled "Estimates for GIA facilities" (RC_2020_03).

The Rule Change Proposal seeks to amend the Relevant Level Methodology in Appendix 9 of the Market Rules to include a requirement for AEMO to estimate a Facility's output for Trading Intervals where an Operating Instruction to reduce output has been issued in accordance with a Network Control Service Contract.

The Rule Change Proposal is being processed using the Fast Track Rule Change Process, described in section 2.6 of the Market Rules.

The Rule Change Panel published the Rule Change Notice for RC_2020_03 on 25 May 2020. Further details relating to the Rule Change Proposal are available at https://www.erawa.com.au/rule-change-panel/market-rule-changes/rule-change-rc_2020_03.

Advice from AEMO on Implementation Costs

In an email sent to RCP Support on 2 June 2020, AEMO confirmed that:

- implementation of the proposed Amending Rules for RC_2020_03 would use existing tools with minor changes;
- there would be some minor process changes; and
- based on the above, these changes would be done as part of business-as-usual and so there would be no separate implementation costs.

Further Changes to the Proposed Amending Rules

The Rule Change Panel is considering the following additional minor changes to the proposed Amending Rules for RC_2020_03 (~~deleted text~~, added text):

Appendix 9: Relevant Level Determination

…

Proposed step 3(d) has been amended to more clearly specify that the relevant Operating Instructions are issued in accordance with a Network Control Service Contract.

Step 3: For each Candidate Facility, identify any Trading Intervals in the period identified in step 1(b) where:

(a) the Facility, other than a Facility in the Balancing Portfolio, was directed to restrict its output under a Dispatch Instruction as provided in a schedule under clause 7.13.1(c); or

(b) the Facility, if in the Balancing Portfolio, was instructed by System Management to deviate from its Dispatch Plan or change its commitment or output as provided in a schedule under clause 7.13.1C(d); or

(c) was affected by a Consequential Outage as notified by System Management to AEMO under clause 7.13.1A; or

(d) the Facility was directed to restrict its output under an Operating Instruction~~, under clause 5.7.4~~ issued in accordance with a Network Control Service Contract, as provided in a schedule under clause 7.13.1(cC).

…

Step 6: For each Candidate Facility and Trading Interval identified in step 3(c) use:

(a) the schedule of Consequential Outages determined by System Management under clause 7.13.1A;

(b) the quantity determined for the Facility and Trading Interval in step 2; and

(c) the information recorded by System Management under clause 7.13.1C(a),

to estimate the quantity of energy (in MWh) that would have been sent out by the Facility had it not been affected by the notified Consequential Outage during the Trading Interval.

Proposed step 6A has been amended to make it more consistent with step 6.

Step 6A: For each Candidate Facility and Trading Interval identified in step 3(d) use:

(a) the schedule of Operating Instructions determined by System Management under clause 7.13.1(cC);

(b) the quantity determined for the Facility and Trading Interval in step 2; and

(c) the information recorded by System Management under clause 7.13.1C(a),

to estimate the~~ maximum~~ quantity of energy (in MWh) that would have been ~~generated~~ sent out by the Facility had ~~the Operating Instruction issued in accordance with clause 5.7.4 had not been issued in~~ it not been subject to an Operating Instruction during the Trading Interval.

Step 7 has been amended to account for the estimates produced in step 6A.

Step 7: Determine for each Trading Interval in each 12 month period identified in step 1(b) the Existing Facility Load for Scheduled Generation (in MWh) as:

(Total_Generation + DSP_Reduction + Interruptible_Reduction + Involuntary_Reduction) – CF_Generation

where

Total_Generation is the total sent out generation of all Facilities, as determined from Meter Data Submissions;

…

CF_Generation is the total sent out generation of all Candidate Facilities, as determined in step 2 or estimated in steps 4, 5 ~~or 6~~, 6 or 6A as applicable.

…

Step 10 has been amended to use the standard time format for the Market Rules.

Step 10: For each New Candidate Facility determine, for each Trading Interval in the period identified in step 1(a) that falls before ~~8:00AM~~ 8:00 AM on the Full Operation Date for the Facility, an estimate of the quantity of energy (in MWh) that would have been sent out by the Facility in the Trading Interval, if it had been in operation with the configuration proposed under clause 4.10.1(dA) in the relevant application for certification of Reserve Capacity. The estimates must reflect the estimates in the expert report provided for the Facility under clause 4.10.3, unless AEMO reasonably considers the estimates in the expert report to be inaccurate.

Step 11 has been amended to account for the estimates produced in step 6A.

Step11: For each New Candidate Facility determine, for each Trading Interval in the period identified in step 1(a), the New Facility Load for Scheduled Generation (in MWh) as:

(a) if the Trading Interval falls before 8:00 AM on the Full Operation Date for the Facility:

EFLSG + Actual_CF_Generation – Estimated_CF_Generation

where

EFLSG is the Existing Facility Load for Scheduled Generation for the Trading Interval, determined in step 7 or identified in step 9(a) as applicable;

Actual_CF_Generation is the sent out generation of the New Candidate Facility for the Trading Interval, as identified in step 9(b), determined in step 2 or estimated in steps 4, 5 ~~or 6~~, 6 or 6A as applicable; and

Estimated_CF_Generation is the quantity determined for the New Candidate Facility and the Trading Interval in step 10;

or

(b) the Existing Facility Load for Scheduled Generation for the Trading Interval, otherwise.

…

Steps 13 and 14 have been amended to account for the estimates produced in step 6A.

Step 13: For each Existing Candidate Facility, determine the 60 quantities comprising:

(a) the MWh quantities determined in step 2 or estimated in steps 4, 5 ~~or 6~~, 6 or 6A as applicable for each of the Trading Intervals determined in step 8, multiplied by 2 to convert to units of MW; and

(b) the MWh quantities determined in step 9(b) for each of the Trading Intervals identified in step 9(c), multiplied by 2 to convert to units of MW.

Step 14: For each New Candidate Facility, determine the 60 quantities comprising:

(a) the MWh quantities identified in step 9(b), determined in step 2 or estimated in steps 4, 5 ~~or 6~~, 6 or 6A as applicable for each of the Trading Intervals identified in step 12 that fall after 8:00 AM on the Full Operation Date for the Facility, multiplied by 2 to convert to units of MW; and

(b) the MWh quantities determined in step 10 for each of the Trading Intervals identified in step 12 that fall before 8:00 AM on the Full Operation Date of the Facility, multiplied by 2 to convert to units of MW.

Submission Regarding the Further Changes to the Proposed Amending Rules

The Rule Change Panel acknowledges that this addendum has no formal standing. However, the Rule Change Panel invites stakeholders to consider the information contained in this addendum when preparing their submissions on this Rule Change Proposal.

As previously notified, the consultation period for the Rule Change Proposal closes at **5:00 PM on Tuesday 9 June 2020**.