

Response to Comments on MM9 Parts 9.0 – 9.4

August 26, 2010



Comments on Market Manual 9, Parts 9.0 – 9.4 were requested from PAG members by July 30, 2010

- Comments were received from two PAG member companies
- IESO provided responses to comments. Revisions will be incorporated in version 1.0 of MM9, Parts 9.0 – 9.4

- For consistency, the following terms and conventions will be used:
 - Day-ahead – referring to the current dispatch day and the day when the day-ahead commitment process is run for the next day
 - Dispatch Day – defined in the market rules as a period from midnight EST to the following midnight EST
 - DACP Schedule of Record
 - References to EDAC and to the current DACP will be removed
 - Time – all times will use the format “06:00”
 - DAO – DACP Operator
- General cleanup of typos, formatting and grammatical errors and omissions

MM 9.1 - Submitting Registration Data for the Day-Ahead Commitment Process

- Section 5.1.2 - Minimum Generation Block Run Time
 - The registered value of the *MGBRT* that you provide is assumed to be relatively static and represents the baseline that we will use to validate changes through the day-ahead daily generator data submissions. Also, during registration we will use the registered ~~*MLP-MGBRT*~~ in determining DA-PCG eligibility.

MM 9.1 - Submitting Registration Data for the Day-Ahead Commitment Process

- Section 5.2.2 - Steam Turbine Minimum Loading Point
 - The *IESO* (Market Entry) will validate the submission based on the following validation rules:
 - Must be a steam turbine part of a combined cycle plant
 - Number format xxxx.x – unit is MW
 - $0 < \text{MLP}(i-1)\text{-on-1} < \text{MLP}(i)\text{-on-1} \leq \text{MGC}$, and where $2 \leq i \leq n$
 - In the above formula, “i” represents an index for the steam turbine MLP to indicate its relationship to the combined cycle plant configuration. The “i” is defined as a variable $2 \leq i \leq n$, where n is the number of combustion turbines at the combined cycle plant.

MM 9.1 - Submitting Registration Data for the Day-Ahead Commitment Process

- Section 5.2.4 - Steam Turbine Duct Firing Capacity
 - The data will be validated by the *IESO* (Market Entry) on submission based on the following validation rules:
 - Must be a steam turbine from a combined cycle plant
 - Number format xxxx.x – unit is MW
 - $0 \leq \text{Duct Firing} \leq \text{ST MGC} - [(\text{Registered Number of Combustion Turbines at a Combined cycle plant}) * (\text{Registered ST MLP1-on-1})]$

MM 9.1 – Submitting Registration Data for the Day-Ahead Commitment Process

- Section 5.2.3 - Steam Turbine Percentage Share of a PSU
 - Q - Since each percentage value can only have 1 decimal place and all percentages must equal 100.0%, How are uneven numbers handled or rounded for registration. For example: 3 units with 33.3 percent = 99.9
 - A - *The ST shares of the pseudo unit must equal 100%. The market participant submitting the registration information is required to submit shares that equal 100%. In the example provided where the ST is shared equally by three pseudo units, the shares would be 33.3% + 33.3% + 33.4% = 100%. One of the shares would have to be adjusted to 33.4% to ensure that the total is 100%.*

MM 9.3 - Operation of the Day-Ahead Commitment Process

- Section 4.3 - Optimization Process Overview
 - Q. “Commitment and scheduling” are listed as DACE functions, but the difference between the two is unclear in the text that follows: “Commitment refers to the economic scheduling...”
 - A. *The DACE produces schedules for all economic resources. The schedules for not quick start generation facilities are considered commitments in that these resources are eligible for day-ahead guarantees. The IESO turns these commitments into a constraint in pre-dispatch to ensure that the resource is scheduled to at least its minimum loading point for all hours that it received a day-ahead commitment.*

MM9.3 - Operation of the Day-Ahead Commitment Process

- Section 4.4.3 - Subsequent DACE Run for Rerun Criteria
 - Q. “latest time possible to initiate a DACE run and still publish DACP results by 15:00” - It would be more useful to have an actual deadline, as we do not know how much time IESO needs to be able to publish results by 15:00.
 - A. *Agreed. However we will not know what this time is until testing is complete.*

MM9.3 - Operation of the Day-Ahead Commitment Process

- Section 4.6.2 - Process for Applying Reliability Commitments
 - Q. Is the DACP Commitments Report the same thing as the Schedule of Record?
 - *A. No. The DACP Commitments Report will not be issued until after 15:00 when constraints are applied to resources committed during the DACP. The DACP Schedule of Record is comprised of the Day-Ahead Scheduled Energy Reports and the Day-Ahead Check/Source ADE Reports.*

MM9.3 - Operation of the Day-Ahead Commitment Process

- Section 4.10.4 - DACP Failure Notification
 - Q. Can we add that the notification should be published on the current day (Day 0) and next day (Day 1) SSRs. On previous failures there has been control room confusion about whether to send a notification on the current or next day SSR.
 - A. *DACP notifications (unless they relate to adequacy) will be issued using the Market Participant Interface (MPI). The notifications will also be posted on the IESO website. Notifications on the MPI will clearly state the day that they relate to.*