

DDG Participant Conference Call - November 30, 2015

Agenda

- I. RTU Communications
 - A. Answers for questions received since last conference call
 - B. RTU upgrade and installation readiness
 - C. Other questions on RTUs
- II. General Topics
 - A. Update on Forecast Web Services
 - B. Answers for questions received since last conference call
- III. Project Progress/Schedule
- IV. Discuss potential topics and date for next conference call

I. RTU Communications

- A. Verbatim Questions Received since Last Conference Call

2. Deviation - If the deviation is the DNE minus actual generation, if a DDG is operating below its DNE, will it see a positive deviation? If it is operating above its DNE, will it see a negative deviation? Shouldn't it only see a non-zero deviation value if it is operating above its DNE, since it is allowed to operate anywhere between 0 MW and its DNE?

ISO-NE: This is a common field in the RTU protocol for all types of units. You are correct that positive deviations are normal for DDGs, but discussed internally and agreed that returning negative deviations might be useful to the DDG operator as an indication of the available room between a DDG's current output and the DNE limit for the unit. This field is not used in Settlements. It is a real-time indicator only.

3. Area Clearing Energy Price - This is the price from the dispatch solution at the individual generator's node?

ISO-NE: Yes, that is correct.

4. High Operating Limit - Is this the same as the Real Time High Operating Limit? For DDGs, this is not the same thing as the Economic Maximum Limit. A wind farm may have an EcoMax of 20 MW (expected unconstrained output) and a RTHOL of 50 MW

Once we gain some experience with the hydro forecasts we will be able to analyze the accuracy of forecasts provided by the intermittent hydro operators and present the results of the analysis. The details of when and where that work will be presented will not be determined until after DNE go-live.

4.

- b) self-scheduled energy that was scheduled after the close of the reoffer period which is curtailed prior to
- c) self-scheduled energy scheduled prior to the close of the reoffer period which is curtailed prior to
- d) self-scheduled energy cleared in the Day Ahead Energy Market.

Once DNE is implemented, DDGs will no longer be able to self schedule generation, is that right?

ISO-NE: See the answer to #1 above. The RTU parameters.

All energy from DDGs above the resource's EcoMin, whether it clears in the DAM or not, will be curtailed (dispatched down) in the first step (a) above, correct?

ISO-NE: Yes, that is correct.

If the DDG is not participating in the DAM, is there still any requirement for DDGs to submit their expected schedule into eMarket? Does this submission have any impact on market outcomes? If the DDG does participate in the DAM, does that change either of the answers to the previous two questions?

ISO-NE: Resources are required to have an up to schedule market system. DDGs with a CSO are required to offer the participant's estimated energy production into the Day-Ahead Market. For a DDG 3.3(i) 10.5(w) 3.3(i)-3.6(t) 2(h)-1.3(o) 10.3(0.004