

## Scheduling Protocol

### SP 3.2.1 By 6:00 pm, Two Days Ahead

By 6:00 pm two days ahead of the Trading Day (for example, by 6:00 pm on Monday for the Wednesday Trading Day), the ISO will publish, via WEnet, the following information for each Settlement Period of the Trading Day:

- (a) a forecast of conditions on the ISO Controlled Grid, including transmission line and other transmission facility Outages;
- (b) a forecast of Generation Meter Multipliers (GMMs), as developed in accordance with SP 4, at each Generator location and Scheduling Point;
- (c) a forecast of system Demands by Zone;
- (d) an estimate of the Ancillary Services requirements for the ISO Control Area (see the ASRP for the details on these requirements);
- (e) a forecast of Loop Flows over interfaces with other Control Areas;
- (f) a forecast of the potential for Congestion conditions;
- (g) a forecast of total and Available Transfer Capacity over certain rated transmission paths and Inter-Zonal Interfaces.

### SP 3.2.1.1 By Two Hours Before Close of the PX Day-Ahead Market, One Day Ahead

By two hours before the close of the PX Day-Ahead Market on the day ahead of the Trading Day, the ISO will notify SCs of the Energy Requirements from any Reliability Must-Run Units which the ISO requires to run in the Trading Day, except in those instances where a Reliability Must-Run Unit requires more than one day's notice, in which case the ISO may notify the applicable SC more than one day in advance of the Trading Day;

### SP 3.2.1.2 By One Hour Before Close of the PX Day-Ahead Market, One Day Ahead

By one hour before the close of the PX Day-Ahead Market on the day prior to the Trading Day, SCs that have been notified that a Reliability Must-Run Unit is required to run in the Trading Day will inform the ISO whether the RMR Owner will take payment from the market or under the RMR Contract.

### SP 3.2.2 By 6:00 am, One Day Ahead

By 6:00 am on the day ahead of the Trading Day (for example, by 6:00 am on Tuesday for the Wednesday Trading Day), the following information flows for each Settlement Period of the Trading Day will be required to take place:

- (a) SCs will provide, via WEnet, the ISO with forecasts of their Direct Access Demand by UDC Service Area ;
- (b) the ISO will publish, via WEnet, an updated forecast of system Demands and of the Ancillary Services requirements; and
- (c) the ISO will validate (in accordance with the SBP) the information submitted above by SCs and UDCs.

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### SP 3.2.6.1 Actions by SCs and the ISO

By 10:00 am on the day ahead of the Trading Day (for example, by 10:00 am on Tuesday for the Wednesday Trading Day) and for each Settlement Period of that Trading Day (see SP 3.2.6.2 for information on the pre-validation performed at ten (10) minutes prior to the 10:00 am deadline):

- (a) SCs will submit their Preferred Day-Ahead Schedules to the ISO in accordance with the SBP;
- (b) SCs will submit, as part of their Preferred Day-Ahead Schedules, their Adjustment Bids, if any, to the ISO in accordance with the SBP;
- (c) SCs will submit their Ancillary Services bids, if any, to the ISO in accordance with the SBP and SP 9;
- (d) SCs will submit their schedules for self-provided Ancillary Services, if any, to the ISO in accordance with the SBP and SP 9;
- (e) the ISO will validate (in accordance with the SBP) all SC submitted Preferred Day-Ahead Schedules for Energy and Adjustment Bids and may assist SCs to resolve mismatches in scheduled quantities or locations for Inter-Scheduling Coordinator Energy Trades in accordance with the procedure described in SP 3.2.6.4;
- (f) the ISO will validate (in accordance with the SBP) all SC submitted schedules for self-provided Ancillary Services, Inter-Scheduling Coordinator Ancillary Service Trades, and Ancillary Services bids which were part of their Preferred Day-Ahead Schedules;
- (g) the ISO will validate (in accordance with the SBP) all contract usage templates received from SCs for scheduled uses of Existing Contract rights and Firm Transmission Rights;
- (h) the ISO will validate that all SC submitted Preferred Day Ahead Schedules are compatible with the RMR requirements of which SCs were notified for that Trading Day and with the SCs' elected option for delivering the required Energy;
- ~~(h)(i)~~ (i) the ISO will start the first iteration of Inter-Zonal Congestion Management process as described in SP 10; and
- ~~(h)(j)~~ (j) the ISO will start the Ancillary Services bid evaluation process as described in SP 9; and.
- ~~(j)~~ the ISO will notify SCs of any Reliability Must-Run Units which have not been included in Preferred Day-Ahead Schedules but which the ISO requires to run in the Trading Day, except in those instances where a Reliability Must-Run Unit requires more than one day's notice, in which case the ISO may notify the applicable SC more than one day in advance of the Trading Day and except for those Reliability Must-Run Units that the ISO may subsequently call upon for Ancillary Services capacity pursuant to Section 5.2 of the Tariff.

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### SP 3.3.1.1 Actions by SCs and the ISO

- (a) SCs will submit their Preferred Hour-Ahead Schedules to the ISO in accordance with the SBP;

- (b) SCs will submit, as part of their Preferred Hour-Ahead Schedules, their Adjustment Bids, if any, to the ISO in accordance with the SBP
- (c) SCs will submit their Ancillary Services bids, if any, to the ISO in accordance with the SBP and SP 9;
- (d) SCs will submit their Schedules for self-provided Ancillary Services and Inter-Scheduling Coordinator Ancillary Service Trades, if any, to the ISO in accordance with the SBP and SP 9;
- (e) the ISO will validate (in accordance with the SBP) all SC submitted Preferred Hour-Ahead Schedules for Energy and Adjustment Bids;
- (f) SCs will submit contract usage templates for scheduled uses of Existing Contract Rights and Firm Transmission Rights in accordance with the Hour-Ahead Market schedule, including usage template changes needed in response to line derations;
- (g) the ISO will validate (in accordance with the SBP) all contract usage templates received from SCs for scheduled uses of Existing Contract rights and Firm Transmission Rights;
- (h) the ISO will validate (in accordance with the SBP) all SC submitted Schedules for self-provided Ancillary Services, Inter-Scheduling Coordinator Ancillary Service Trades, and Ancillary Services bids which were part of their Preferred Hour-Ahead Schedules;
- (i) the ISO will start the Inter-Zonal Congestion Management process as described in SP 10; **and**
- (j) the ISO will start the Ancillary Services bid evaluation process as described in SP 9; **and**
- (k) the ISO will validate that all SC submitted Preferred Hour-Ahead Schedules are compatible with the RMR requirements of which SCs were notified for that Trading Day and with the SCs' elected option for delivering the required Energy

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### SP 5.3 Scheduling of Reliability Must-Run Generation

The ISO will notify SCs of any Reliability Must-Run Units ~~not included in the Preferred Day-Ahead Schedules but~~ which the ISO requires to run during a Trading Day no later than two hours before the close of the PX Day-Ahead Market ~~for at 10 am on the day ahead of the~~ Trading Day, as described in SP 3.2.61.1. ~~The ISO will decrement SCs' scheduled Generation to accommodate the output of these Reliability Must-Run Units as part of the real time Intra-Zonal Congestion Management process described in DP 7.4.~~

### SP 5.4 ~~[Unused] Scheduling of Reliability Must-Run Ancillary Services~~

~~The ISO will notify SCs of any Ancillary Services it requires from Reliability Must-Run Units under their Reliability Must-Run Contracts pursuant to Section 5.2 of the Tariff as soon as practicable after the decision to call upon such units~~