Proposed Amendments to the WESM Manual on Dispatch Protocol for the Optimal Timing of Market Runs

			Dispatch Protocol No. 13			
Title	Clause	Provision	Proposed Amendment	Rationale	Stakeholder Comments	Stakeholder Rationale
Categories of WESM Timetable - Backgroun d	4.1.4	(new)	The Market Operator shall review and update if necessary the WESM Timetable after the commencement of the full operations of the new Market Management System in accordance with DOE Department Circular Nos. 2016-10-0014 and 2018-04-0007.	The Market Operator Performance Standards shall be revised accordingly to be consistent with any changes to the market data publication timelines and the relevant obligations of the MO.		
Categories of WESM Timetable – Day- Ahead Projection (DAP)	4.4.2	The activities that shall be performed for the DAP, within the time specified, using inputs fo the covered study period of that specific DAP run, are provided in Table 2. The covered periods for all DAP runs within a day are provided in Table 3. Table 2. DAP Timeline Timeline Activity Before STPH1* Scheduled nominations, bids and offers for all relevant hours of the DAP run Before [STPH1+2 following, if any: 1. Outage Schedules 2. Contingency List 3. Over-riding Constraints 4. Reserve Requirements 5. Real-time system snapshot 6. VRE Aggregated Generation Forecasts 7. Forecasts on the loading levels of Must dispatch generating units Before [STPH1+2 Submit load forecast for the covered period Market Operato	Party Part	The proposed changes will reflect the optimal timing of activities for the market runs considering the actual performance of the NMMS. Specifically, the justifications for the proposed changes for the Day-Ahead Projection (DAP) run are as follows: Before [STPH1* - 10 minutes]: Submission of self-scheduled nominations, bids/offers — To allow more processing time		

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		[STPH1 + 2 minutes] Before [STPH1 + 15 minutes] Transmit DAP Results in the MPI Transmit DAP Results to System Operator *STPH1 refers to the Start Time of the first Projected It covered by the DAP run. For example, the Projected It 0900H has a start time of 08:00 AM and an end time of the first Projected It is covered by the DAP run. For example, the Projected It is covered by the DAP r	lour of f 09:00 AM.	STPH1 + 2 1 Execute DAP Operator Before Publish DAP Results in the MPI Market Operator STPH1 + 45 25 minutes Transmit DAP Results to System Operator *STPH1 refers to the Start Time of the first Projected Hour (1) covered by the DAP run. For example, the Projected Hour of 09:00 H has a start time of 08:00 AM and an end time of 09:00 AM. (DAP Timeline Illustration) Figure 3. DAP Timeline	for market participant interface (MPI) transfer Before [STPH1 + 1 minute]: (a) Submission of load forecast and reserve requirement, (b) Submission of outage schedule, contingency list, overriding constraints and (c) Execution of DAP run - To align the processes to be as close as possible to the Start Time of the first Projected Hour (1) covered by the DAP run Before [STPH1 + 25 minutes]: (a) Publish DAP Results in the MPI and (b) Transmit DAP Results to System Operator — To allow sufficient time for the performance of five (5) DAP run		

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								scenarios (1 base DAP run, 4 different load scenarios) which may take up to four (4) minutes each		
Categories of WESM Timetable – Hour- Ahead Projection (HAP)	4.5.2	the HAP, with for the cover HAP run. Table 4. HA Timeline Before [STDI1* - 8 minutes] Before [STDI1 - 7 minutes] Before [STDI1 - 7 minutes] [STDI1 - 7 minutes] Before [STDI1 - 1 minutes] Before [STDI1 - 1 minutes]	Activity Submit the most recent self- scheduled nominations, bids and offers for all relevant hours of the HAP run Provide updates on the following, if any: 1. Outage Schedules 2. Contingency List 3. Over-riding Constraints 4. Reserve Requirements 5. Real-time system snapshot Submit load forecast for the covered period Execute HAP Publish HAP Results in the MPI Transmit HAP Results in the MPI Transmit HAP Results to System Operator he Start Time of the first dispatch inte AP run. For example, the 0815H disp f 08:10 AM and an end time of 08:15 patch interval of the HAP run, then it	Responsible Party Trading Participants System Operator Market Operator	HAP, within the covered run. Table 4. HA Timeline Before STDI1* - 8 9 minutes] Before STDI1 - 7 minutes] Before STDI1 - 7 minutes] Before STDI1 - 7 minutes] Before STDI1 - 2 minute] *STDI1 refers to by the HAP run. I time of 08:10 AM	g activities shall be performent the time specified, using study period of that specified. P Timeline Activity Submit the most recent self-scheduled nominations, bids and offers for all relevant hours of the HAP run Provide updates on the following, if any: 1. Outage Schedules 2. Contingency List 3. Over-riding Constraints 4. Reserve Requirements 5. Real-time system snapshot Submit load forecast for the covered period Execute HAP Publish HAP Results in the MPI Transmit HAP Results in the MPI Transmit HAP Results to System Operator the Start Time of the first dispatch in and an end time of 08:15 AM. And of the HAP run, then it will cover the	Responsible Party Trading Participants System Operator Market Operator	For the Hour-Ahead Projection (HAP) run, the following changes are proposed to consider actual system performance and accommodate SO's requirement: Before [STDI1 – 9 minutes]: Submit the most recent self-scheduled nominations, bids and offers for all relevant hours of the HAP run – To ensure timely processing prior to HAP run execution considering actual system performance Before [STDI1 – 2 minute]: Transmit HAP Results to System Operator – To		

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				accommodate SO's request that results shall be submitted two (2) minutes before the start of the dispatch interval in order to allow processing time for different SO applications		
Categories of WESM Timetable - Real- Time Dispatch Schedule (RTD)		The following activities shall be performed for the RTD, within the time specified, using inputs for the covered study period of that specific RTE run: Table 5. RTD Timeline Timeline Activity Before [STDI1* - 8 nominations, bids and offers for all relevant hours of the RTD run Before [STDI - 7 minutes] Provide updates on the following, if any: 1. Outage Schedules 2. Contingency List 3. Over-riding Constraints 4. Reserve Requirements 5. Real-time system snapshot Before [STDI - 7 minutes] Before [STDI - 7 minutes] Before [STDI - 1 minute] Publish RTD Results in the MPI Operator Transmittal of Energy and Reserve Schedules, and WESM Merit Order Table to the System Operator *STDI refers to the Start Time of the relevant dispatch interval.	RTD, within the time specified, using inputs for the covered study period of that specific RTD run: Table 5. RTD Timeline Timeline Activity Responsible Party Party	e For the Real-Time		

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			Before [STDI1 – 2 minute]: Transmittal of Energy and Reserve Schedules, and WESM Merit Order Table to the System Operator To accommodate SO's request that results shall be submitted two (2) minutes before the start of the dispatch interval in order to allow processing time for different SO applications				