



Hot and Cold Weather Recommendation Status

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Operating Committee



Cold Weather Recommendation Status

Topic	Status and Notes	Description
Capacity Performance	<p>The filing was submitted to FERC 12/12/14 with requested effective date 4/1/15. On 2/13/15 PJM submitted Answers to address certain of the protests and comments.</p> <p>-PJM filed a request with the FERC on April 7, 2015, for a one-time waiver of its tariff to allow a short delay in the annual Reliability Pricing Model capacity auction for the 2018/2019 delivery year. <i>April 24, 2015 - FERC issued an order granting waiver to allow PJM to delay its Reliability Pricing Model Base Residual Auction for the 2018/2019 delivery year to hold the BRA within 30 to 75 days after the Commission issues a order on its Capacity Performance filing, but no later than commencing on August 10, 2015.</i></p> <p>-On April 10 PJM filed response to questions from the Federal Energy Regulatory Commission.</p> <p>-On May 13 PJM submitted answers to the protests and comments on PJM's response to FERC's deficiency letter in the Capacity Performance proceeding.</p>	<p>The Problem Definition: Need to refine the definition of capacity</p> <ul style="list-style-type: none"> •Fuel security – dependable fuel source •Performance incentives and penalties •Capacity resources must be highly available for operations •Require flexible unit operational parameters
Gas Infrastructure Future Adequacy	<p>Target 3 Report was posted on 3/3, comments are due by 3/13. <i>The Target 3 Final draft was posted on 3/27. The group is developing the Draft Phase 2 Report which includes Targets 1-4 and is planning to provide the final to the DOE in June and close out of item is planned for July.</i></p>	<p>EIPC Gas-Electric System Interface Study includes four Targets:</p> <ol style="list-style-type: none"> 1. Baseline systems (Posted) 2. Infrastructure capability (October) (1/30/15) 3. Contingency analysis (December) (3/27/15) 4. Dual-Fuel evaluation (November) (Released 12/14)



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<p>Gas / Electric Industry Coordination</p>	<p><i>PJM is working through the NAESB process, as part of the FERC NOPR. FERC has requested data from PJM to analyze impact of gas and electric day on reliable and efficient operations.</i></p> <p><i>On 4/16, the FERC adopted two proposals submitted by the NAESB to revise the interstate natural gas nomination timeline and make conforming changes to their standards. However, the Commission declined to approve changes to the gas trading day</i></p> <p><i>A problem statement and issue charge related to the timing of Day Ahead market were proposed at the 4/23 MRC. The committee will be asked to approve the proposed problem statement and issue charge at its next meeting.</i></p>	<p>PJM, in conjunction with stakeholders, is developing industry recommendations for the following topics in response to the FERC NOPR on gas / electric coordination:</p> <ul style="list-style-type: none"> -Harmonization of the timing of the gas and electric operating days -Will determine PJM market timing to coordinate with gas day and nomination schedules once FERC NOPR is finalized
<p>Regulation Market Rules</p>	<p><i>PJM is in the process of drafting a whitepaper to provide clarification and reasoning on the Regulation Market Rules enhancement recommendations. A problem statement focusing on Regulation D saturation and the impact to reliability was reviewed as a first read at the April OC and will be up for endorsement at the June OC</i></p>	<p>Reexamine the performance of the Regulation Market based on January results and consider:</p> <ul style="list-style-type: none"> -Whether the division by the performance score is appropriate, -Whether the minimum participation requirements are adequately high enough -Whether going short on regulation during system peaks is acceptable



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Energy Market Uplift	<p>COMPLETE: <i>Revisions to rules regarding treatment of CT Lost Opportunity Cost developed by the Energy Market Uplift Senior Task Force were endorsed at the 4/23 MRC and 5/21 MC.</i></p> <p><i>The 3/1/15 Energy & Reserve Pricing implementation changed the allocation of uplift during emergency operations (increased synchronized reserve requirements, second step on the reserve demand curves were implemented, and the DASR requirement were increased).</i></p>	<p>Review and consider changes to the following regarding uplift:</p> <ul style="list-style-type: none">-Cost allocation of energy market uplift charges,-Investigate potential mechanism to allocate uplift during emergency operations when rates are extreme, and-Additional methods and procedures for reducing the overall amount of uplift to be paid



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Emergency Procedures Tool	<p>EP refresh is slated for Q1 of 2015. Will only be filterable by State. County will not be possible until a future timeframe. Parallel Ops for Emergency Procedure Tool Refresh is 3/2- 3/30. Switchover to new Emergency Application was successfully completed on 3/30. Filtering by State functionality is planned to be available in the Emergency Procedures by 6/30.</p>	<p>Adding filtering capability to the electronic notification tool to allow PJM staff and stakeholders to determine the applicability of messages they receive.</p> <p>Work with SOS-T (or, capture from DIMA project) to acquire appropriate County/State level info for each Substation/Load in the EMS Model</p> <p>Conduct training for dispatch as needed</p>



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REMAINING OPEN ITEMS

Topic	Status and Notes	Description
System Modeling	<i>Draft documentation on the practices and processes is currently under review and planned for final approval by early 2015. Draft to be presented at the 3/10 OC and 3/12 PC meetings Documentation is in progress of being finalized and posted. (6/25/15)</i>	Update PJM's modeling processes and practices to include PJM's expectations of Transmissions Owners' input; as well the approach to implementing modelling and telemetry across the transmission and sub-transmission system.
PJM Cascading Outage Analysis Procedure	<i>Vendor delivery contained defects and is in the process of being fixed. Defects have been corrected and are in the process of being deployed for testing. (6/30/15)</i>	Review PJM's Cascading Outage Analysis procedure and determine how it can be improved as well as automated.



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Facility Limits	<i>External review with MISO and NYISO is complete. External reviews are complete. Impacted MISO facilities are noted on single line diagrams in the PJM EMS. Load Dump Rating Methodology follow-up given at September, October and November SOS/OC meetings. PJM is working with TOs to develop a plan to submit revised ratings for impacted facilities in TERM in order for PJM Markets to run simulations to determine impact. PJM is working with TO on formalizing an implementation plan with a targeted completion date of 6/1/15. (JUNE 2015)</i>	Review Facility limits with neighboring companies for pre- and post- contingency information.
Synchronized Reserves	<i>Instantaneous Reserve Check project is scheduled for 2015. Internal PJM finalization of functional enhancement document in progress. (SEPTEMBER 2015)</i>	Review the current Instantaneous Reserve Check (IRC) mechanism for improvements; and identify methods for improving the quality of data being reported by GOs, including reinforcement through training. Improve current methods of providing PJM dispatchers with an accurate presentation of the available reserves on the system at any given time both at an aggregate level and unit-specific.