

Topic	Status and Notes	Implementation Timing	Working Committee	Description	Materials	
<b>Cold Weather Resource Performance Improvement</b>	<i>Providing Education &amp; Identifying Interests</i>	October-14	OC	Improve the performance of resources during extreme cold weather events via some level of performance verification or testing of certain resources during cold weather, including testing dual-fuel capability	<a href="#">Problem Statement</a>	<a href="#">Issue Charge</a>
<b>Gas Unit Commitment Coordination</b>	<i>May MRC approved problem statement</i>	Short term changes (prior to the winter of 2014/2015) Long term changes (early 2015)	OC	Improve the clarity, transparency and standardization of handling long-lead gas unit commitment, due to fuel restrictions. Consider tools, processes, market construct, as well as communication and notification protocols.	<a href="#">Problem Statement</a>	<a href="#">Issue Charge</a>
<b>Energy &amp; Reserve Pricing</b>	<i>MRC Endorsement of the Spinning and Primary Reserve Requirements</i>	Short term solution (June 1 - October 1); Long term solution October 1, 2014	Energy Reserve and Interchange Price Volatility Initiative (EPIV)	Determine whether enhancements can be made to better capture conservative operator actions in market clearing prices: Proposal approved is to increase day-ahead and real-time reserve requirements under specified conditions by a fixed reserve adder when additional resources are scheduled to cover operational uncertainty	<a href="#">Problem Statement</a>	<a href="#">Issue Charge</a>
<b>Energy Market Uplift</b>	<i>Composing solution options and packages for cost allocation. PJM to propose a solution in late June.</i>	April 1 2015	Energy Market Uplift Senior TF (EMU)	Review and consider changes to the following regarding uplift: -Cost allocation of energy market uplift charges, -Potential mechanism to allocation uplift during emergency operations when rates are extreme, and -Additional methods and procedures for reducing the overall amount of uplift to be paid	<a href="#">Problem Statement / Issue Charge</a>	
<b>Generation Capacity Resource Performance</b>	<i>New (expected to go the June MRC for first read of problem statement)</i>	TBD	TBD	Review the penalties for non-performance and incentives for performance during peak days and / or days when emergency procedures are issued for capacity emergencies		
<b>Unit Characteristics</b>	<i>Internal review of the information provided by Generation Owners as part of Fall 2013 generator survey is underway.</i>	2014/2015	OC	Working with the generation owners to identify opportunities to create or improve information sharing such as fuel source and limitations, emission limitations; as well as use and validation of outage types .	<a href="#">Plan - Link to the survey</a>	
<b>Gas / Electric Industry Coordination</b>	<i>PJM is working through the NAESB process, as part of the FERC NOPR. Voting is complete. There was no consensus. Standard development is underway.</i>	September-15	MC Webinar	PJM, in conjunction with stakeholders, is developing industry recommendations for the following topics in response to the FERC NOPR on gas / electric coordination: -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	<a href="#">FERC NOPR</a>	
<b>Unit Market Offers</b>	<i>Problem statement to be developed</i>	TBD	MIC	Consider potential market rule changes that would allow generators to better include natural gas costs in their energy or capacity market offers; and Consider the ability of a unit to make changes to energy market offers during the operating day		
<b>Offer Caps</b>	<i>Developing component solution options and beginning to package solutions.</i>	December-14	CRSTF (Capacity Review Senior TF)	Analyze and review generation energy market offer caps for both cost-based and price-based offers.	<a href="#">Problem Statement</a>	<a href="#">Issue Charge</a>
<b>Data Sharing with Gas Industry</b>	<i>Internal PJM effort that is in progress</i>	November-14	MC Webinar	Improve the tools and processes for two-way communication with the gas industry to enhance situational awareness and better evaluate impact to PJM generation		
<b>Waivers</b>	<i>Changes made to M-13 to clarify existing rules for granting waivers. Additional processes under development.</i>	November-14	OC	Confirm mechanism by which resources seek waivers for fuel emission limitations and better understand conditions under which relief may be granted	<a href="#">PJM Manual 13</a>	
<b>Interregional Coordination</b>	<i>PJM discussions completed with VACAR Reserve Sharing group. Documentation being finalized on Reserve Sharing &amp; VACAR RC coordination.</i>	July-14	MC Webinar	Consider improvements to increase situational awareness with the VACAR Reserve Sharing group and VACAR Reliability Coordinator: -Define and review PJM emergency procedures and overall communications, including a review of the operating agreements, including the VACAR Reserve Sharing Group Agreement		
<b>Voltage Reduction Emergency Procedure</b>	<i>Survey distributed to Transmission Owners and responses being presented back to stakeholders. Data being finalized.</i>	October-14	SOS-T & OC	Review the voltage reduction capabilities of transmission owners to better understand current capabilities and determine if there are additional requirements to be developed		
<b>Emergency Energy Bids</b>	<i>Transition to an electronic form versus fax has been completed and updated in M-13. COMPLETE</i>	M-13 Approved at April & May MRC	OC	Review and enhance the tools and processes for accepting Emergency Energy Bids	<a href="#">PJM Manual 13 - Attachment D</a>	

Topic	Status and Notes	Implementation Timing	Working Committee	Description	Materials	
<b>Regulation Market Rules</b>	<i>Problem statement to be developed.</i>	TBD	MIC	Reexamine the performance of the Regulation Market based on January results and consider: -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		
<b>External Capacity</b>	<i>New</i>	October-14	MC Webinar	Develop processes and tools to confirm external capacity resources availability, day-ahead and real-time market commitments, and actual performance.		
<b>Communications &amp; Procedures</b>	<i>PJM developed an internal Operational Emergency Readiness Team that was deployed during January to facilitate discussions internally and externally. Additional enhancements to be incorporated as part of the Summer and Winter Emergency Procedure drills.</i>	November-14	MC Webinar	Consider further improvements to internal and external communication tools, processes, and protocols during Operational emergencies.		
<b>Public Appeals</b>	<i>Internal analysis has started to quantify the impact.</i>	October-14	MC Webinar	PJM to : -Determine if it is possible to quantify impact of public appeals for conservation and if so, investigate where or how to use this information. -Improve process (triggers, protocols, content, and processes) for public notification during emergency procedures (C1/C2, H1/H2)		

DOC# 796478

Updated June 19, 2014

Work Plan Priorities  
**INTERNAL - Not for Distribution**  
Updated: June 19, 2014

Topic	Status and Notes	Implementation Timing	Working Committee	File by:	Request FERC response by:
Cold Weather Resource Performance	<i>Providing Education &amp; Identifying</i>	October-14	OC		
Gas Unit Commitment Coordination	<i>May MRC approved problem statement</i>	Short term changes (prior to the winter of 2014/2015) Long term changes (early 2015)	OC		
Energy & Reserve Pricing	<i>MRC Endorsement of the Spinning and Primary Reserve Requirements</i>	Short term solution (June 1 - October 1); Long term solution October 1, 2014	Energy Reserve and Interchange Price Volatility Initiative (EPIV)		
Energy Market Uplift	<i>Composing solution options and packages for cost allocation. PJM to propose a solution in late June.</i>	April 1 2015	Energy Market Uplift Senior TF (EMU)		
Generation Capacity Resource Performance	<i>New (expected to go the June MRC for first read of problem statement)</i>	TBD	TBD		
Unit Characteristics	<i>Internal review of the information provided by Generation Owners as part of Fall 2013 generator survey is underway.</i>	2014/2015	OC		
Gas / Electric Industry Coordination	<i>PJM is working through the NAESB process, as part of the FERC NOPR. Voting is complete. There was no consensus. Standard development is</i>	September-15	MC Webinar		
Unit Market Offers	<i>Problem statement to be developed</i>	TBD	MIC		
Offer Caps	<i>Developing component solution options and beginning to package solutions.</i>	December-14	CRSTF (Capacity Review Senior TF)		
Data Sharing with Gas Industry	<i>Internal PJM effort that is in progress</i>	November-14	MC Webinar		
Waivers	<i>Changes made to M-13 to clarify existing rules for granting waivers. Additional processes under development.</i>	November-14	OC		
Interregional Coordination	<i>PJM discussions completed with VACAR Reserve Sharing group. Documentation being finalized on Reserve Sharing &amp; VACAR RC coordination.</i>	July-14	MC Webinar		
Voltage Reduction Emergency Procedure	<i>Survey distributed to Transmission Owners and responses being presented back to stakeholders. Data being finalized.</i>	October-14	SOS-T & OC		
Emergency Energy Bids	<i>Transition to an electronic form versus fax has been completed and updated in M-13. <b>COMPLETE</b></i>	M-13 Approved at April & May MRC	OC		
Regulation Market Rules	<i>Problem statement to be</i>	TBD	MIC		
External Capacity	<i>New</i>	October-14	MC Webinar		
Communications & Procedures	<i>PJM developed an internal Operational Emergency Readiness Team that was deployed during January to facilitate discussions internally and externally. Additional enhancements to be incorporated as part of the Summer and Winter Emergency Procedure drills.</i>	November-14	MC Webinar		
Public Appeals	<i>Internal analysis has started to quantify the impact.</i>	October-14	MC Webinar		