



Proposed Consolidated Solution Package

Brian Fitzpatrick, PJM
Electric Gas Coordination Senior Task Force

June 13, 2023

Focuses on Situational Awareness Improvements

Consolidates the three options previously identified by PJM along with the overlapping options 1,2,5 and 6 from the Dominion Generation solution option presentation

Item	Issue	Solution
1	Situational Awareness: Generation Resource Operating Parameters	<p>During the period of a PJM issued Cold Weather Alert (or Conservative Operations), gas generators will be required to confirm:</p> <ol style="list-style-type: none"> 1. Whether current gas pipeline conditions impact their existing parameters (Yes/No) 2. If yes, update their parameters accordingly through Markets Gateway and confirm that they have been updated <p>Will require manual language updates and modifications to Markets Gateway to effectuate.</p>
2	Situational Awareness: Ensuring Accurate Reserve Quantity Estimation; Non-Synchronized Reserves	<p>Based upon forecasts of impending tighter PJM operating conditions (i.e. Cold Weather Alert or Conservative Operations) combined with pipeline constraints (i.e. OFO, Critical Day, Ratable Take Requirements, etc.):</p> <ol style="list-style-type: none"> 1. PJM will make gas units in the impacted area ineligible to satisfy the Non-Synchronized Reserve requirement in the DA, RAC and Real Time Markets 2. No changes to the eligibility for Synchronized Reserves 3. Additional and earlier commitments of gas fired resources for energy/synch reserves will be made

Item	Issue	Solution
3	Situational Awareness: Fuel/Energy Availability	Gas generation resources will be required to upload their gas nominations and the relevant hours of availability and energy that the nomination provides. This will provide PJM with a more comprehensive view of which units have appropriately procured and scheduled gas. This would be effectuated through enhancements to Markets Gateway.

SME/Presenter:
Brian Fitzpatrick

brian.fitzpatrick@pjm.com



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com