

Day-Ahead Scheduling Reserve Market Eligibility

Problem / Opportunity Statement

Current rule for Day-Ahead Scheduling Reserve (DASR) Market eligibility does not prevent any resource from clearing DASR even though such resources cannot fulfil the DASR obligations in real time.

Resources types such as Nuclear units, **run-of-river and self-scheduled pumped** hydro units, Wind units, and Solar units cannot reliably provide DASR as such units will be modifying their Economic Minimum and Economic Maximum based on their Day-Ahead scheduled MW or their forecasted generation in real time based on real time weather condition. Non-energy resources such as regulation only resources do not have capability to provide the obligations of DASR for entire hour.

If above mentioned types resources are made ineligible to provide DASR MWs, Day-ahead Market can clear DASR MWs from resources that can reliably provide DASR obligations in real time.

Issue Source

PJM is bringing forward the problem statement in response to observed clearing of Day-Ahead Scheduling Reserve MWs from resources that cannot reliably provide DASR obligations in real time.

Stakeholder Group Assignment

The issue can be discussed through the Markets Implementation Committee.

Key Work Activities

- Develop or modify Manual M11 language to address this issue.

Expected Deliverables

PJM anticipates changes to Manual 11.

Expected Overall Duration of Work

PJM anticipates discussion during the first read of Manual M11 changes at MIC

Decision-Making Method

PJM anticipates this issue can be resolved through Tier 1 consensus.