

## Manual 3 and Manual 13 Gas Contingency updates

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- Current Manual 3 and Manual 13 language includes an option for PJM to direct pre-contingency fuel switching under credible physical or cyber threat scenarios to natural gas pipelines.
- PJM and Stakeholders have been working to develop Tariff language to permit cost recovery if this switching were directed.
- These Tariff language discussions have identified significant concerns with regard to feasibility, complexity, and cost of implementing the existing procedure.
- As a result, Manual changes have been requested to eliminate these immediate concerns, while allowing for continued discussions on the topic.



- Manual 3 CEII gas contingency procedure language in Section 5 deleted entirely.
- Manual 13 Section 3.9 changes:
  - Corrected reference to the posting location on pjm.com for the pre-defined gas contingencies (CEII)
  - Minor procedure clarifications
  - Revisions to the "NOTE" to remove references to PJM directed precontingency fuel switching



## Manual 13 Section 3.9 Note revisions

## Note:

- 1—Under cyber/physical threat conditions, PJM may need to direct that will discuss the identified threat conditions and resultant fuel supply risk with the generation owner and will request notification from the generation owner if they will be taking any voluntary pre-contingency actions to mitigate these fuel supply risks. —the generator(s) switch to alternate pipeline or to alternate fuel on a pre contingency basis in order to maintain reliable system operations.
- 2 PJM will use best operator efforts to request or direct any resources utilizing interruptible transportation to terminate their connection to an affected pipeline before requesting resources utilizing firm transportation with an equivalent effect on the reliability issue to terminate their connection to that pipeline.



 Members have requested an expedited process to combine the first read and endorsements into one month:

10/15/19 Operating Committee Endorsement

10/31/19 MRC Endorsement

10/31/19 effective date for the changes