



Interchange During Capacity Emergencies

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- M-13 Section 2.3 Capacity Shortages:
 - *“PJM dispatchers have the flexibility of implementing the emergency procedures in whatever order is required to ensure overall system reliability. PJM dispatchers have the flexibility to exit the emergency procedures in a different order than they are implemented when conditions necessitate.”*

- M-13 Section 2.3.2 Real-Time Emergency Procedures (Warnings and Actions):
 - *Actions taken prior to entering into capacity related Emergency Procedures:*
 - *3. Curtail all non-Firm exports and issue an EEA1, as required by EOP-011 Attachment 1, via the RCIS and Emergency Procedures webpage.*
 - *4. Dispatch may elect to implement an interchange cap to stabilize the amount of interchange during peak hours to protect against volatility.*

- Step 4A Maximum Generation Emergency Action:
 - *PJM Dispatch determines the feasibility recalling off-system capacity sales that are recallable (network resources).*
 - *PJM Dispatch will determine any limiting transmission constraints internal to PJM that would impact the ability to cut transactions to a specific interface.*
 - *PJM Dispatch will identify off-system capacity sales associated with the identified interfaces.*
 - *PJM Dispatch will contact the sink Balancing Authority to determine the impact of transaction curtailment.*

- Step 4A Maximum Generation Emergency Action:
 - *If the net result of cutting off-system capacity sales would put the sink Balancing Authority into load shed then PJM will not curtail the transactions unless it would prevent load shedding within PJM.*
 - *If the net result of cutting off-system capacity sales would put PJM in a more severe capacity emergency than it is in currently in due to reciprocal transaction curtailments from the sink Balancing Authority, PJM will not initiate curtailing the transactions.*

- OATT Section 13.6 Curtailment of Firm Transmission Service:
 - *“... the Transmission Provider reserves the right to Curtail, in whole or in part, any Firm Transmission Service provided under the Tariff when, in the Transmission Provider’s sole discretion, an emergency or other unforeseen condition impairs or degrades the reliability of the Transmission System.”*
- OATT Section 14.7 Curtailment or Interruption of Service:
 - *“The Transmission Provider reserves the right to Curtail, in whole or in part, Non-Firm Point-To-Point Transmission Service provided under the Tariff for reliability reasons when an emergency or other unforeseen condition threatens to impair or degrade the reliability of the Transmission System or the systems directly and indirectly interconnected with Transmission Provider’s Transmission System.”*

- All PJM Joint Operating Agreements with neighbors have provisions for providing assistance during emergencies
- Example from PJM-MISO JOA:
 - *“In the event an emergency condition is declared in accordance with a Party’s published operating protocols, the Parties agree to provide emergency assistance to each other and to facilitate obtaining emergency assistance from a third party. The Parties will coordinate respective actions to provide immediate relief until the declaring Party eliminates the declaration of emergency.”*

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