

Proposed Updates to Manual 14A Language

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1. Review Manual 14A language updates.
2. Sections with proposed updates:
 - Sec 2.1.6:** Generation and Transmission Interconnection Feasibility Study Analysis and Results
 - Sec 2.2.2:** System Impact Study Analysis and Schedule
 - Sec 2.3.4:** Generation or Transmission Interconnection Facility Study Results
 - B.3.2:** Short Circuit Cost Allocation Method
 - B.3.5:** Stability cost Allocation Method

Updates to Sec 2.1.6:

(Generation and Transmission Interconnection Feasibility Study Analysis and Results)

Additional language is included to describe in detail

- The base case year to be used and network upgrade modeled for load flow and short circuit studies for specific queues
- The process implemented to perform the load flow studies
 - where the projects in a queue are studied as a group and are subjected to DC contingency analysis
- The process implemented to perform the short circuit studies
 - where the projects are studied sequentially

Updates to Sec 2.1.6 contd:

(Generation and Transmission Interconnection Feasibility Study Analysis and Results)

Additional language is included to describe in detail

- The queue projects less than 20 MW may request combined Feasibility/Impact study
- Non-PJM transmission owner areas are screened for potential impacts based on certain thresholds

Updates to Sec 2.2.2:

(System Impact Study Analysis and Schedule)

Additional language is included to describe in detail

- the types of analyses included in system impact study process – AC power flow, short circuit, and stability analysis
- the load levels the studies are performed for – summer peak, light load, and winter peak
- summer peak analysis procedure
 - generation deliverability, load deliverability, NERC P3 and P6 “N-1-1” analysis

Updates to Sec 2.2.2 contd:

(System Impact Study Analysis and Schedule)

Additional language is included to describe in detail

- light load analysis procedure
 - dispatch details and the faults tested
- winter peak analysis procedure
 - generation deliverability, load deliverability, NERC P3, and P6 “N-1-1” analysis
- short circuit analysis procedure
- stability analysis procedure

Updates to Sec 2.3.4:

(Generation and Transmission Interconnection Facilities Study Results)

Updates to identify changes requiring re-studying projects in facility study phase

Updates to Sec B.3.2:

(Short Circuit Cost Allocation Method)

Additional language defines the short circuit cost allocation method:

- If the addition of load flow or stability upgrade in short circuit case causes breaker(s) to exceed their applicable rating, the breakers identified will be allocated based on load flow or stability cost allocation rules.

Updates to Sec B.3.5:

(Stability Cost Allocation Method)

Language added to clarify how PJM conducts stability cost allocation

- For a new interconnection request, PJM will assign costs proportional to the MW impact of the constraint the stability study identifies
- The MW impact is the margin between the requested MFO and the MW quantity at which the system stability is restored without the need for the Network Upgrade

- PC First Read – 2/8/2018
- MRC First Read – 2/22/2018
- Request for PC Endorsement – 3/8/2018
- Request for MRC Endorsement – 3/22/2018