



# FAC-003-5 Compliance Update

Michael Herman

- Transmission Vegetation Management
- FAC-003-5 becomes effective 4/1/2024:  
[https://www.nerc.com/pa/Stand/Project%20201509%20Establish%20and%20Communicate%20System%20Op/2015-09\\_FAC-003-5\\_clean\\_.pdf](https://www.nerc.com/pa/Stand/Project%20201509%20Establish%20and%20Communicate%20System%20Op/2015-09_FAC-003-5_clean_.pdf)
- PJM is working to implement process updates in advance of the effective date
  - Allow TO's to look ahead at future projects

- FAC-003-5 Standard applicable to TO's
- R4.2.2: PJM, as Transmission Planner, is required to identify critical lines under 200 kV, that:
  - “If lost or degraded are expected to result in instances of instability, Cascading, or uncontrolled separation that adversely impacts the reliability of the Bulk Electric System for a planning event.”

- FAC-003-5 R4.2.2 Identification criteria:
  - The applicable facilities include BES facilities less than 200 kV and PJM market monitored facilities
  - Applicable events for this requirement are TPL-001-4/5 Planning events (P1 ~ P7).
  - Instability, Cascading, or uncontrolled separation include voltage collapse from steady state analysis as well as instability from stability study.
  - Each year PJM prepare a list of facilities under the above conditions based on the latest RTEP analysis and communicate with impacted TOs.

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