NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

CIP-002 Transmission Owner Control Centers (TOCCs) Field Test Questionnaire 3

Project 2021-03

Please complete the following questions to help us better understand your system.

As a NERC Control Center is applicable to specific configurations, an entity may have no CC, may have one, or could possibly have multiple CC locations. To the extent that an entity has multiple CC locations that control different BES Transmission Elements, the entity should complete a separate questionnaire for each CC location or clearly delineate between each CC location on the questionnaire as the individual outcomes of the application of Criterion 2.12 could be different.

1. Do the BES Cyber Systems associated with your Control Center meet any of the following CIP-002-5.1a criteria for High Impact? Please provide any clarifying comments below.

☐ Criteria 2.2 ☐ Criteria 2.4 ☐ Criteria 2.5 ☐ Criteria 2.7
☐ Criteria 2.8 ☐ Criteria 2.9 ☐ Criteria 2.10 ☐ None

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2. Please populate the table below and provide an "aggregate weighted value" by summing the "weighted value per line" shown in the table below for each BES Transmission Line monitored and controlled by the Control Center.

   Please submit a revised one-line that identifies each line that was included in your analysis.

Voltage Value of a Line	Weight Value per Line	Number of Lines	Aggregate Value
Less than 100kV	0		0
100 kV to 199 kV	250		
200 kV to 299 kV	700		
300 kV to 499 kV	1300		
500 kV and above	0		

Total Aggregate Weighted Value: _____

(Enter "Medium Risk" if number of 500 kV lines is greater than zero)

3. Are any of your BES Transmission Elements included as a part of an interface that has been defined as a permanent Flowgates in the Eastern Interconnection, a major transfer path within the Western Interconnection, or comparable interface in the ERCOT Interconnection (e.g., Generic Transmission Constraint) or the Quebec Interconnection? Please explain in the comment box below should you check unknown, or if you have any further clarifying comments.

☐ Yes ☐ No ☐ Unknown

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4. Are any of your BES Transmission Elements included as part of a contingency for any permanent Flowgates in the Eastern Interconnection, major transfer paths within the Western Interconnection, or comparable monitored facility in the ERCOT Interconnection (e.g., Generic Transmission Constratin) or the Quebec Interconnection? Please explain in the comment box below should you check unknown, or if you have any further clarifying comments.

☐ Yes ☐ No ☐ Unknown

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5. Were any of your BES Transmission Elements included as part of a prior outage for any permanent Flowgates in the Eastern Interconnection, major transfer paths within the Western Interconnection, or comparable monitored facility in the ERCOT Interconnection (e.g., Generic Transmission Constratin) or the Quebec Interconnection? Please explain in the comment box below should you check unknown, or if you have any further clarifying comments.

☐ Yes ☐ No ☐ Unknown

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6. Have any of your BES Transmission Elements been identified by your Reliability Coordinator, Planning Coordinator, or Transmission Planner as critical to the derivation of Interconnection Reliability Operating Limits (IROLs) and their associated contingencies? Please explain in the comment box below should you check unknown, or if you have any further clarifying comments.

☐ Yes ☐ No ☐ Unknown

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7. Do you have any automatic Load shedding that is performed by a common control system that implements Load shed without human operator initiation? A common control system would exclude underfrequency load shedding (UFLS) and undervoltage load shedding (UVLS) that is implemented by individual relays located at discrete stations or substations. If you answer yes, please describe the purpose of the scheme and total peak load impacted.

☐ Yes ☐ No ☐ Unknown

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8. Are any of your BES Transmission Elements included as a monitored element for any Remedial Action Schemes (RAS)? If you answer yes, please describe the purpose of the RAS and the impact to the BES if the RAS fails to operate as designed.

☐ Yes ☐ No ☐ Unknown

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9. Are any of your BES Transmission Elements operated (i.e., opened or closed) via any Remedial Action Schemes (RAS) or Special Protection Systems (SPS)? If you answer yes, please describe the purpose of the RAS and the impact to the BES if the RAS fails to operate as designed.

☐ Yes ☐ No ☐ Unknown

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10. Do you have any BES Transmission Elements providing the generation interconnection required to connect BES generator resource output equal to or greater than an aggregate of 1500 MW that, if destroyed, degraded, misused, or otherwise rendered unavailable, would result in the loss of the generation resource to your interconnected neighbors (TOP/TSP/BA)?

    ☐ Yes ☐ No ☐ Unknown

11. Do you have any BES Transmission Elements that are critical to system restoration associated with Blackstart Resources?

    ☐ Yes ☐ No ☐ Unknown

12. Do you have any BES Transmission Elements that are included in the Cranking Paths and initial switching requirements of any Transmission Operator's restoration plan?

    ☐ Yes ☐ No ☐ Unknown

13. Can another entity de-energize your system from the BES via operation of their devices or remote control of your devices? What is the minimum number of breakers/switches that another single entity can remotely control in order to de-energize your system. If two or more entities must work cooperatively to de-energize your system while keeping other systems whole, then provide the minimum number of entities and breakers/switches needed to isolate your system. Please identify these breakers/switches on a revised one-line submittal.

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