

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

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 Facilities, 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. NERC Registration (e.g., RC/BA/TO/TOP/DP/etc.): _____

2. Do you have a site that is staffed by operating personnel, from which you can remotely operate Facilities at two or more locations?

Yes No

3. Based on the impact to the BES of a cyber event in your footprint, do you believe the site(s) referenced in Question 2 should be low impact, medium impact or high impact? Why?

4. What was the peak load served by your system for the period 1/1/2020 – 10/1/2021, which could be interrupted remotely from the site referenced in Question 2?

5. What is the total capacity of conventional BES generation Facilities connected to your system, which could be interrupted remotely from the site referenced in Question 2?

6. What is the total capacity of intermittent (e.g., wind, solar) BES generation Facilities connected to your system, which could be interrupted remotely from the site referenced in Question 2?

Answer all of the following questions for each location for which the response to Question 2 was “yes”.

7. Is there external connectivity to any BES Cyber Asset(s) housed at the site(s) referenced in Question 2? If so, please provide access means for each connection (e.g., dial-up, internet, VPN).

Yes No Access means: _____

8. Do third parties have direct communications access for change management activities associated with BES Cyber Assets or other managed service provider purposes for the site(s) referenced in Question 2?

Yes No

9. How does your organization conduct its change management activities for BES Cyber Assets?

10. Does your company have supply chain or other internal control protocols in place for the purchase and maintenance of computer systems that are housed at the site(s) referenced in Question 2?

Yes No

For the purpose of responding to the remainder of this questionnaire, a Transmission Line is defined by the protection system(s) that would be used to isolate a fault on a line. Typically, all sources of fault current for a line fault will be interrupted by breakers. Transmission Lines can be single-ended, two-ended, or three-ended. After identifying your Transmission Lines, the NERC definition of BES should be applied to each line to determine if it is a BES Transmission Line. Single-ended, or radial lines, are not typically considered to be BES assets.

Only include Transmission Lines where you have the ability to remotely operate a device to interrupt network flow (through-flow across the line). If you have remote control of multiple devices on a single Transmission Line as defined above, you should only count that line one time in your response. You should still count the line even if another entity controls the remote end of the line.

11. Provide the following information:

	Total number of BES Transmission Lines where you have the ability to remotely operate a device to interrupt network flow on the line.	Total number of BES Transmission Lines where you have the ability to remotely operate a device to interrupt network flow on the line AND another entity has the ability to remotely operate a device to interrupt flow on the same element or a series element.
100 kV to 199 kV		
200 kV to 299 kV		
300 kV to 499 kV		
500 kV and above		