

FFT Summary

Emera Self-Report September 2017

Entity	NBCRN	EUBVTN	Standard	Req	Compliance Issue	Risk Assessment	Mitigation Action
Emera	NBCR003	2017007	PRC-019-2	R1	On September 20, 2017, Emera submitted a Self-Report stating that, as a Generator Owner (GO), it had a compliance issue relating to PRC-019-2 R1. PRC-019-2 R1 requires GOs to coordinate the voltage regulating system controls, with the applicable equipment capabilities and settings of the applicable Protection System devices and functions. The PRC-019-2 Implementation Plan required each Generator Owner to have 40% of their applicable facilities complete by January 1, 2017. Although Emera's understanding was that they were required to be 40% complete by January 1, 2017, since Emera owns only one facility in New Brunswick, they were required to have that facility in full compliance with PRC-019-2 R1 by the effective date.	Emera had no known reliability issues with voltage regulating coordination, the duration of the potential violation was relatively short and when coordination was completed, no changes were required to meet PRC-019-2 R1. As a result, the issue is deemed to have posed a lower risk to the reliability of the BPS. No harm is known to have occurred.	To mitigate this issue Emera: 1) Completed the voltage regulating system control coordination as per the Engineering Report dated March 10, 2017 2) Entered Preventative Maintenance (PM) work orders into the work maintenance management system with proper due dates to alert the plant in advance of coming compliance related maintenance due dates 3) Assigned a resource to conduct a fleet wide analysis of all Emera Energy assets for regulatory PM work orders compliance. 4) To ensure continued focus and awareness, NERC compliance metrics have been added to a newly established Key Performance Indicator dashboard that is reviewed by all levels of Emera Energy management on a monthly basis.

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					As a result of an internal assessment performed in September 2017, Emera determined that it had not fully coordinated its voltage regulating system controls in the timeframe required by the standard. The non-compliance began on January 1, 2017 and ended on March 10, 2017 which is the date of the Engineering report that concluded that voltage regulating system controls were coordinated as required by PRC-019-2 R1.		
Emera	NBCR003	2017008	MOD-025-2	R1	On September 20, 2017, Emera submitted a Self-Report stating that, as a Generator Owner (GO), it had a compliance issue relating to MOD-025-2 R1. MOD-025-2 R1 requires GOs to provide its Transmission Planner (TP) with verification of the Real Power capability of its applicable Facilities. The MOD-025-2 Implementation Plan required each Generator Owner to have 40% of their applicable units complete by January 1, 2017. Although Emera's	There are no known reliability issues due to Emera Real Power tests as the site has always historically performed the required Real Power tests through the NPCC Directory 9 (Real Power) program administered by NB Power. As a result, the issue is deemed to have posed a lower risk to the reliability of the BPS. No harm is known to have occurred.	To mitigate this issue, Emera: 1) Completed the Real Power tests required by the standard on February 23, 2018 and provided the documentation to the TP (NB Power) on March 6, 2018. 2) Entered Preventative Maintenance (PM) work orders into the work maintenance management system with proper due dates to alert the plant in advance of coming compliance related maintenance due dates 3) Assigned a resource to conduct a fleet wide analysis

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					understanding was that they were required to be 40% complete by January 1, 2017, since Emera owns only one applicable unit in New Brunswick, they were required to have that unit in full compliance with MOD-025-2 R1 by the effective date. As a result of an internal assessment performed in September 2017, Emera determined that it did not perform the correct Real Power testing and provide the results to the TP in the timeframe required by the standard. The non-compliance began on January 1, 2017 and ended on March 6, 2018 after Emera performed the Real Power testing required by MOD-025-2 R1 and provided the documented test results to the TP (NB Power).		of all Emera Energy assets for regulatory PM work orders compliance. 4) To ensure continued focus and awareness, NERC compliance metrics have been added to a newly established Key Performance Indicator dashboard that is reviewed by all levels of Emera Energy management on a monthly basis.
Emera	NBCR003	2017009	MOD-025-2	R2	On September 20, 2017, Emera submitted a Self-Report stating that, as a Generator Owner (GO), it had a compliance issue relating to MOD-025-2 R2. MOD-025-2 R2 requires GOs to provide its Transmission Planner (TP) with verification	There are no known reliability issues due to Emera Reactive Power tests as the site has always historically performed the required Reactive Power tests through the NPCC Directory 10 (Reactive Power) program administered by NB Power.	To mitigate this issue, Emera: 1) Completed the Reactive Power tests required by the standard on February 23, 2018 and provided the documentation to the TP (NB Power) on March 6, 2018. 2 Entered Preventative

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					of the Reactive Power capability of its applicable Facilities. The MOD-025-2 Implementation Plan required each GO to have 40% of their applicable units complete by January 1, 2017. Although Emera's understanding was that they were required to be 40% complete by January 1, 2017, since Emera owns only one applicable unit in New Brunswick, they were required to have that unit in full compliance with MOD-025-2 R2 by the effective date. As a result of an internal assessment performed in September 2017, Emera determined that it did not perform the correct Reactive Power testing and provide the results to the Transmission Planner in the timeframe required by the standard. The non-compliance began on January 1, 2017 and ended on March 6, 2018 after Emera performed the Reactive Power testing required by MOD-025-2 R2 and provided the documented test results to the Transmission Planner (NB Power).	As a result, the issue is deemed to have posed a lower risk to the reliability of the BPS. No harm is known to have occurred.	Maintenance (PM) work orders into the work maintenance management system with proper due dates to alert the plant in advance of coming compliance related maintenance due dates 3) Assigned a resource to conduct a fleet wide analysis of all Emera Energy assets for regulatory PM work orders compliance. 4) To ensure continued focus and awareness, NERC compliance metrics have been added to a newly established Key Performance Indicator dashboard that is reviewed by all levels of Emera Energy management on a monthly basis.

