

FFT Summary

New Brunswick Power Corporation (NB Power) Self-Report - May 2019

Entity	NBCRN	EUBVTN	Standard	Req	Compliance Issue	Risk Assessment	Mitigation Action
NB Power	NBCR001	2019004	VAR-002-4.1	R3	On May 28, 2019, NB Power submitted a self-report stating that, as a Generator Operator (GOP), it had a compliance issue relating to VAR-002-4.1 R3. VAR-002-4.1 R3 requires a GOP to notify its associated Transmission Operator of a status change on the power system stabilizer (PSS) within 30 minutes of that change. NB POWER failed to notify the Transmission Operator (TOP) of a status change of the PSS within 30 minutes of the change. During an internal audit of the event, NB Power discovered that they experienced 2 additional events where the TOP was not notified within 30 minutes of a change in the PSS status. In event 1, NB Power failed to notify the TOP of a change in the PSS status as they were unaware power system stabilizer remained out of service following a system reboot.	Events 1 and 2 were relatively short in duration (6 hours 41 minutes and 6 hours 21 minutes respectively) and occurred on off-peak hours and event 3 was 33 minutes in duration. No harm is known to have occurred.	To mitigate this issue: 1) NB POWER Modified in-plant procedure (OIPP-075 - NERC VAR-002 Generation Operation for Maintaining Network Voltage Schedules) to include a directive to have the PSS status verified after an alarm occurrence if the cause of the alarm has not been identified, even if the alarm from the PSS has been reset 2) Provided training on procedure changes. 3) Established a point on the NB Power TOP SCADA system that provides the real time status of the AVR and PSS to the TOP.

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					In event 2 and 3 the NB Power generator operator was unaware the alarm they received meant the PSS was out of service.		