

Steady State Contingency Analysis Report

Report generated: June 21, 2024

Contingency: BRNDGEN5 (Islands created: ?)

Total number of MVar margin criteria screened: 0

No violations.

Total number of monitored buses: 457

No violations.

Total number of monitored generators: 0

No violations.

Total number of OOS margin criteria screened: 0

No violations.

Total number of monitored branches: 555

No violations.

Total number of monitored two winding transformers: 460

Two Winding Transformer Thermal Violations											
Transformer Name	Bus Number		ID	Winding 1				Winding 2			
	Winding 1	Winding 2		Voltage (kV)	Rating (Amps)	Loading (Amps)	Base (MVA)	Voltage (kV)	Rating (Amps)	Loading (Amps)	Base (MVA)
T10_7	667002	669719	10	120.0	230.0	401.6349799687609	20.0	230.0	401.6349799687609	20.0	20.0
T1_29	667006	669710	1	120.0	230.0	401.6349799687609	20.0	230.0	401.6349799687609	20.0	20.0
T1_30	667011	669720	1	100.0	230.0	326.0773220770877	10.0	230.0	326.0773220770877	10.0	10.0
T2_25	667006	669711	2	120.0	230.0	401.6349799687609	20.0	230.0	401.6349799687609	20.0	20.0
T5_16	667009	669724	5	100.0	230.0	326.0773220770877	10.0	230.0	326.0773220770877	10.0	10.0
T7_6	667003	669716	7	120.0	230.0	401.6349799687609	20.0	230.0	401.6349799687609	20.0	20.0

Total number of monitored three winding transformers: 0

No violations.