

Steady State Contingency Analysis Report

Report generated: August 23, 2024

Contingency: BRNDSHUNT

Total number of MVar margin criteria screened: 0

No violations.

Total number of monitored buses: 457

No violations.

Total number of monitored generators: 225

No violations.

Total number of OOS margin criteria screened: 5

OOS Violations						
OOS Name	Angle monitored	Angle re-mote	Monitor Bus	Other Bus	cktID	OOS mode
D604I	-27.25	-22.21	608423	608412	1	SLNOS

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	Base (MVA)	Winding 1			Winding 2		
	Winding 1	Winding 2			Voltage (kV)	Rating (Amps)	Loading (Amps)	Voltage (kV)	Rating (Amps)	Loading (Amps)
BANK 42	667014	667231	42	100.0	230.0	418.96	396.09	138.0	698.26	660.15
BANK 43	667013	667231	43	100.0	230.0	418.96	392.59	138.0	698.26	654.32
T2_25	667006	669711	2	120.0	230.0	401.63	327.12	13.8	6693.92	5588.21
T6_12	667009	669725	6	100.0	230.0	326.08	242.86	13.8	5434.62	4250.0
T8_3	667003	669717	8	120.0	230.0	401.63	327.2	13.8	6693.92	5589.7
T8_4	667008	669727	8	100.0	230.0	326.08	242.89	13.8	5434.62	4250.53

Total number of monitored three winding transformers: 24

No violations.