

Steady State Contingency Analysis Report

Report generated: August 23, 2024

Contingency: BRNDGEN6 (Islands created: ?)

Total number of MVar margin criiteria screened: 0

No violations.

Total number of monitored buses: 457

No violations.

Total number of monitored generators: 225

No violations.No violations.

Total number of OOS margin criteria screened: 5

No violations.

Total number of monitored branches: 555

No violations.

Total number of monitored two winding transformers: 460

No violations.

Total number of monitored three winding transformers: 24

Three Winding Transformer Thermal Violations													
Transformer Name	Bus Number			ID	Winding 1			Winding 2			Winding 3		
	Winding 1	Winding 2	Winding 3		Voltage (kV)	Rating (Amps)	Loading (Amps)	Voltage (kV)	Rating (Amps)	Loading (Amps)	Voltage (kV)	Rating (Amps)	Loading (Amps)
BANK 4	667038	668038	669151	4	120.0	442.05	164.99	120.0	884.1	329.97	120.0	2451.6	50.0
BANK 51	667500	667035	669101	51	720.0	1385.99	297.9	720.0	2387.9	7740.25	720.0	2861.6	5974.45
BANK 52	667500	667035	669102	52	720.0	1385.99	302.71	720.0	2387.9	7895.61	720.0	2861.6	51975.66
BANK 71	667501	667041	669100	71	720.0	1385.99	222.19	720.0	3012.0	1785.7	720.0	3966.1	52021.61
CLIFF LAKE AUTO 2	667055	668056	669154	2	120.0	565.05	71.2	120.0	1181.47	151.91	120.0	9417.5	521.19
CORNWALL AUTO 3	667070	668072	669139	2	120.0	442.05	174.29	120.0	855.98	325.78	120.0	2229.9	10.0