

Transformer

	TXFO ID	Bus From	Bus To	DBase ID	Type
1					
2					
3	T10	B2	B30	T10	Fixed-Tap Xmer
4	T01	B12	B11	T01	Fixed-Tap Xmer
5	T11	B29	B38	T11	Fixed-Tap Xmer
6	T02	B12	B13	T02	Fixed-Tap Xmer
7	T12	B19	B20	T12	Fixed-Tap Xmer
8	T03	B6	B31	T03	Fixed-Tap Xmer
9	T04	B10	B32	T04	Fixed-Tap Xmer
10	T05	B19	B33	T05	Fixed-Tap Xmer
11	T06	B20	B34	T06	Fixed-Tap Xmer
12	T07	B22	B35	T07	Fixed-Tap Xmer
13	T08	B23	B36	T08	Fixed-Tap Xmer
14	T09	B25	B37	T09	Fixed-Tap Xmer
15					
16					
17	T_REC	B39	B39_REC	T_REC	Tcul Xmer
18	T_INV	B9	B9_INV	T_INV	Tcul Xmer

Transformer

	Rated S [MVA]	kV Nominal Primary	kV Nominal Secondary	P [MW]	Q [MVAR]	S [MVA]	P. Factor [%]	I [pu]
1								
2								
3	1000.00	345.00	16.50	-249.03	-308.99	396.85	-62.8	4.015
4	300.00	138.00	345.00	-27.73	-36.26	45.65	-60.7	0.527
5	1000.00	345.00	16.50	-824.68	-4.69	824.69	-100.0	8.155
6	300.00	138.00	345.00	20.23	-51.74	55.56	36.4	0.642
7	1000.00	345.00	230.00	-377.02	13.16	377.25	-99.9	3.920
8	700.00	345.00	16.50	-882.39	-271.29	923.15	-95.6	10.690
9	800.00	345.00	16.50	-646.75	-323.20	723.01	-89.5	8.060
10	800.00	345.00	16.50	-628.78	-175.94	652.93	-96.3	6.784
11	600.00	230.00	16.50	-1006.10	-111.04	1012.21	-99.4	10.491
12	800.00	345.00	16.50	-646.99	-479.97	805.58	-80.3	8.292
13	700.00	345.00	16.50	-557.42	-379.51	674.35	-82.7	7.185
14	700.00	345.00	16.50	-538.28	-39.70	539.74	-99.7	5.355
15								
16								
17	800.00	345.00	100.00	501.52	195.18	538.16	93.2	5.225
18	800.00	345.00	100.00	-499.01	154.73	522.44	-95.5	7.264

Transformer

	langle [deg]	P losses [MW]	Q losses [MVAR]	Capacity (Norm.) [MVA]	Loading [%] Capacity	Capacity (Emer.) [MVA]	Loading [%] Capacity	Tap Ratio %
1								
2								
3	99.2	0.97	29.17	1100.00	36.1	1150.00	34.5	100.000
4	111.8	0.04	1.21	500.00	9.1	550.00	8.3	100.000
5	158.7	5.32	103.73	1100.00	75.0	1150.00	71.7	100.000
6	53.0	0.07	1.79	500.00	11.1	550.00	10.1	100.000
7	167.9	1.08	21.20	1100.00	34.3	1150.00	32.8	100.000
8	148.0	7.35	285.74	800.00	115.4	850.00	108.6	100.000
9	138.8	3.25	129.87	900.00	80.3	950.00	76.1	100.000
10	150.3	3.22	65.33	900.00	72.5	950.00	68.7	100.000
11	162.8	9.90	198.03	1400.00	72.3	1500.00	67.5	100.000
12	117.6	3.01	98.36	900.00	89.5	950.00	84.8	100.000
13	117.2	2.58	140.39	800.00	84.3	850.00	79.3	100.000
14	147.8	1.72	66.54	800.00	67.5	850.00	63.5	100.000
15								
16								
17	-74.5	0.52	19.31	800.00	67.3	1200.00	44.8	100.000
18	-161.0	1.00	37.32	800.00	65.3	1200.00	43.5	100.000

Transformer

	Tap Pos [%]	Min	Max	Setpoint Min	Setpoint Max
1					
2	Tap Pos [%]				
3	100.000				
4	100.000				
5	100.000				
6	100.000				
7	100.000				
8	100.000				
9	100.000				
10	100.000				
11	100.000				
12	100.000				
13	100.000				
14	100.000				
15					
16	Tap Pos [%]	Min Tap [%]	Max Tap [%]	Bus Min V [pu]	Bus Max V [pu]
17	100.000	90.000	110.000	1.000	1.000
18	100.000	90.000	110.000	1.000	1.000

Transformer

	Ctrld Bus/V [pu]	Ctrld BusID
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17	1.000	B39 REC
18	1.000	B9 INV