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

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	-249.51	-151.19	291.74	-85.5	2.865
4	300.00	138.00	345.00	-0.26	-41.99	41.99	-0.6	0.448
5	1000.00	345.00	16.50	-824.75	52.91	826.45	-99.8	8.100
6	300.00	138.00	345.00	-7.24	-46.01	46.58	-15.5	0.497
7	1000.00	345.00	230.00	122.55	12.92	123.23	99.4	1.246
8	700.00	345.00	16.50	-519.70	-61.29	523.30	-99.3	5.491
9	800.00	345.00	16.50	-647.71	-52.63	649.84	-99.7	6.773
10	800.00	345.00	16.50	-629.17	4.21	629.18	-100.0	6.360
11	600.00	230.00	16.50	-505.56	-92.23	513.90	-98.4	5.208
12	800.00	345.00	16.50	-648.12	-163.28	668.37	-97.0	6.555
13	700.00	345.00	16.50	-558.43	-117.99	570.76	-97.8	5.602
14	700.00	345.00	16.50	-538.34	44.55	540.18	-99.7	5.257

Transformer

	Iangle [deg]	P losses [MW]	Q losses [MVAR]	Capacity (Norm.) [MVA]	Loading [%] Capacity	Capacity (Emer.) [MVA]	Loading [%] Capacity	Tap Ratio %
1								
2								
3	142.9	0.49	14.86	1100.00	26.5	1150.00	25.4	100.000
4	84.3	0.03	0.87	500.00	8.4	550.00	7.6	100.000
5	-175.2	5.25	102.35	1100.00	75.1	1150.00	71.9	100.000
6	92.9	0.04	1.08	500.00	9.3	550.00	8.5	100.000
7	-6.4	0.11	2.14	1100.00	11.2	1150.00	10.7	100.000
8	165.3	1.94	75.41	800.00	65.4	850.00	61.6	100.000
9	170.2	2.29	91.72	900.00	72.2	950.00	68.4	100.000
10	-180.0	2.83	57.42	900.00	69.9	950.00	66.2	100.000
11	168.3	2.44	48.81	1400.00	36.7	1500.00	34.3	100.000
12	167.0	1.88	61.46	900.00	74.3	950.00	70.4	100.000
13	168.9	1.57	85.34	800.00	71.3	850.00	67.1	100.000
14	-179.6	1.66	64.14	800.00	67.5	850.00	63.6	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				

Transformer

	Ctrld Bus/V [pu]	Ctrled BusID
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		