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LOAD FLOW REPORT

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
* Bus1	33.000	100.000	0.0	5604.9	1010.2	0	0	Bus2	5604.918	1010.231	99.6	98.4	
Bus2	33.000	99.989	0.0	0	0	0	0	Bus3	1875.368	352.578	33.4	98.3	
								Bus21	3728.984	657.296	66.3	98.5	
								Bus1	-5604.352	-1009.874	99.6	98.4	
Bus3	33.000	99.985	0.0	0	0	0	0	Bus2	-1875.302	-352.533	33.4	98.3	
								Bus4	1875.302	352.533	33.4	98.3	
Bus4	33.000	99.974	0.0	0	0	0	0	Bus3	-1875.115	-352.413	33.4	98.3	
								Bus6	1788.088	322.757	31.8	98.4	
								Bus5	87.028	29.656	1.6	94.7	
Bus5	0.400	98.928	-0.7	0	0	86.5	28.3	Bus4	-86.475	-28.274	132.7	95.0	
Bus6	33.000	99.956	0.0	0	0	0	0	Bus4	-1787.783	-322.560	31.8	98.4	
								Bus7	1787.783	322.560	31.8	98.4	
Bus7	33.000	99.914	0.0	0	0	0	0	Bus9	1573.237	277.671	28.0	98.5	
								Bus6	-1787.085	-322.102	31.8	98.4	
								Bus8	213.848	44.431	3.8	97.9	
Bus8	0.400	99.383	-0.8	0	0	213.3	41.1	Bus7	-213.325	-41.134	315.5	98.2	
Bus9	33.000	99.911	0.0	0	0	0	0	Bus7	-1573.193	-277.640	28.0	98.5	
								Bus10	366.636	61.263	6.5	98.6	
								Bus145	1206.557	216.377	21.5	98.4	
Bus10	33.000	99.905	0.0	0	0	0	0	Bus11	40.934	4.404	0.7	99.4	
								Bus9	-366.615	-61.249	6.5	98.6	
								Bus13	325.681	56.845	5.8	98.5	
Bus11	33.000	99.904	0.0	0	0	0	0	Bus10	-40.934	-4.404	0.7	99.4	
								Bus12	40.934	4.404	0.7	99.4	
Bus12	0.400	99.208	-0.5	0	0	40.7	4.0	Bus11	-40.686	-4.008	59.5	99.5	
Bus13	33.000	99.899	0.0	0	0	0	0	Bus15	265.135	46.175	4.7	98.5	
								Bus10	-325.664	-56.833	5.8	98.5	
								Bus14	60.529	10.658	1.1	98.5	
Bus14	0.400	99.333	-0.6	0	0	60.3	10.0	Bus13	-60.281	-10.040	88.8	98.6	
Bus15	33.000	99.895	0.0	0	0	0	0	Bus17	71.908	11.064	1.3	98.8	
								Bus13	-265.126	-46.169	4.7	98.5	
								Bus20	193.218	35.104	3.4	98.4	
Bus17	33.000	99.895	0.0	0	0	0	0	Bus15	-71.908	-11.064	1.3	98.8	
								Bus18	71.908	11.064	1.3	98.8	
Bus18	33.000	99.893	0.0	0	0	0	0	Bus17	-71.907	-11.063	1.3	98.8	
								Bus19	71.907	11.063	1.3	98.8	

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Bus		Voltage		Generation		Load		Load Flow				XFMR	
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus19	0.400	99.248	-0.7	0	0	71.6	10.2	Bus18	-71.560	-10.197	105.1	99.0	
Bus20	0.400	99.024	-1.2	0	0	192.2	31.0	Bus15	-192.187	-30.980	283.7	98.7	
Bus21	33.000	99.977	0.0	0	0	0	0	Bus2	-3728.580	-657.018	66.3	98.5	
								Bus24	3613.231	633.916	64.2	98.5	
								Bus22	115.348	23.102	2.1	98.1	
Bus22	0.400	98.861	-1.0	0	0	114.4	20.8	Bus21	-114.443	-20.839	169.8	98.4	
Bus24	33.000	99.921	0.0	0	0	0	0	Bus28	3290.608	561.603	58.4	98.6	
								Bus26	40.937	4.404	0.7	99.4	
								Bus21	-3611.360	-632.630	64.2	98.5	
Bus25	0.400	99.172	-1.1	0	0	278.9	60.9	Bus25	279.815	66.622	5.0	97.3	
								Bus24	-278.908	-60.906	415.5	97.7	
								Bus24	-40.936	-4.404	0.7	99.4	
Bus26	33.000	99.921	0.0	0	0	0	0	Bus27	40.936	4.404	0.7	99.4	
Bus27	0.400	99.225	-0.5	0	0	40.7	4.0	Bus26	-40.689	-4.008	59.5	99.5	
Bus28	33.000	99.894	0.0	0	0	0	0	Bus31	3188.163	545.476	56.6	98.6	
								Bus24	-3289.801	-561.049	58.4	98.6	
								Bus30	101.639	15.573	1.8	98.8	
Bus30	0.400	99.462	-0.6	0	0	101.4	14.4	Bus28	-101.356	-14.442	148.6	99.0	
Bus31	33.000	99.881	0.0	0	0	0	0	Bus32	320.681	56.249	5.7	98.5	
								Bus28	-3187.768	-545.204	56.6	98.6	
								Bus38	2867.087	488.956	50.9	98.6	
Bus32	33.000	99.880	0.0	0	0	0	0	Bus31	-320.679	-56.247	5.7	98.5	
								Bus35	93.148	18.337	1.7	98.1	
								Bus34	227.530	37.910	4.0	98.6	
Bus34	0.400	98.895	-1.4	0	0	226.1	32.2	Bus32	-226.108	-32.219	333.3	99.0	
Bus35	33.000	99.878	0.0	0	0	0	0	Bus32	-93.147	-18.336	1.7	98.1	
								Bus37	93.147	18.336	1.7	98.1	
								Bus35	-92.556	-16.860	137.2	98.4	
Bus37	0.400	98.979	-0.8	0	0	92.6	16.9	Bus42	431.832	91.554	7.7	97.8	
Bus38	33.000	99.866	0.0	0	0	0	0	Bus31	-2866.683	-488.678	50.9	98.6	
								Bus53	2434.851	397.124	43.2	98.7	
								Bus42	-278.845	-60.893	415.6	97.7	
Bus41	0.400	99.116	-1.1	0	0	278.8	60.9	Bus38	-431.829	-91.552	7.7	97.8	
Bus42	33.000	99.865	0.0	0	0	0	0	Bus43	152.075	24.939	2.7	98.7	
								Bus41	279.753	66.613	5.0	97.3	
								Bus42	-152.070	-24.936	2.7	98.7	
Bus43	33.000	99.861	0.0	0	0	0	0	Bus44	152.070	24.936	2.7	98.7	
Bus44	33.000	99.854	0.0	0	0	0	0	Bus47	35.222	5.290	0.6	98.9	
								Bus43	-152.059	-24.929	2.7	98.7	

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ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								Bus46	116.838	19.639	2.1	98.6	
Bus46	0.400	97.720	-1.5	0	0	114.8	16.4	Bus44	-114.786	-16.356	171.3	99.0	
Bus47	33.000	99.853	0.0	0	0	0	0	Bus44	-35.221	-5.290	0.6	98.9	
								Bus51	35.221	5.290	0.6	98.9	
Bus51	33.000	99.850	0.0	0	0	0	0	Bus47	-35.221	-5.289	0.6	98.9	
								Bus52	35.221	5.289	0.6	98.9	
Bus52	0.400	99.215	-0.5	0	0	35.0	5.0	Bus51	-35.035	-4.992	51.5	99.0	
Bus53	33.000	99.851	0.0	0	0	0	0	Bus54	2434.511	396.890	43.2	98.7	
								Bus38	-2434.511	-396.890	43.2	98.7	
Bus54	33.000	99.838	0.0	0	0	0	0	Bus57	2393.301	392.289	42.5	98.7	
								Bus53	-2434.224	-396.692	43.2	98.7	
								Bus56	40.923	4.403	0.7	99.4	
Bus56	0.400	99.142	-0.6	0	0	40.7	4.0	Bus54	-40.675	-4.007	59.5	99.5	
Bus57	33.000	99.830	0.0	0	0	0	0	Bus54	-2393.132	-392.174	42.5	98.7	
								Bus63	1974.659	322.407	35.1	98.7	
								Bus60	138.758	3.160	2.4	100.0	
								Bus59	279.715	66.607	5.0	97.3	
Bus59	0.400	99.081	-1.1	0	0	278.8	60.9	Bus57	-278.807	-60.884	415.7	97.7	
Bus60	33.000	99.828	0.0	0	0	0	0	Bus57	-138.756	-3.159	2.4	100.0	
								Bus62	138.756	3.159	2.4	100.0	
Bus62	0.400	98.894	-1.3	0	0	137.5	0.0	Bus60	-137.492	0.000	200.7	100.0	
Bus63	33.000	99.823	0.0	0	0	0	0	Bus57	-1974.517	-322.309	35.1	98.7	
								Bus64	1974.517	322.309	35.1	98.7	
Bus64	33.000	99.809	-0.1	0	0	0	0	Bus69	97.089	16.880	1.7	98.5	
								Bus63	-1974.262	-322.134	35.1	98.7	
								Bus70	1668.756	255.032	29.6	98.9	
								Bus66	208.418	50.222	3.8	97.2	
Bus66	0.400	98.737	-1.3	0	0	207.2	45.3	Bus64	-207.187	-45.298	310.0	97.7	
Bus68	0.400	99.373	-0.6	0	0	96.8	15.8	Bus69	-96.828	-15.840	142.5	98.7	
Bus69	33.000	99.808	-0.1	0	0	0	0	Bus64	-97.088	-16.880	1.7	98.5	
								Bus68	97.088	16.880	1.7	98.5	
Bus70	33.000	99.789	-0.1	0	0	0	0	Bus83	1188.615	179.303	21.1	98.9	
								Bus64	-1668.453	-254.824	29.6	98.9	
								Bus73	252.388	37.616	4.5	98.9	
								Bus72	227.450	37.905	4.0	98.6	
Bus72	0.400	98.803	-1.4	0	0	226.0	32.2	Bus70	-226.025	-32.207	333.5	99.0	
Bus73	33.000	99.783	-0.1	0	0	0	0	Bus76	159.362	20.213	2.8	99.2	
								Bus70	-252.374	-37.607	4.5	98.9	
								Bus75	93.012	17.394	1.7	98.3	

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ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus75	0.400	99.353	-0.6	0	0	92.8	16.4	Bus73	-92.772	-16.434	136.9	98.5	
Bus76	33.000	99.781	-0.1	0	0	0	0	Bus79	105.954	12.149	1.9	99.3	
								Bus73	-159.358	-20.210	2.8	99.2	
								Bus78	53.404	8.061	0.9	98.9	
Bus78	0.400	99.302	-0.5	0	0	53.2	7.6	Bus76	-53.213	-7.582	78.1	99.0	
Bus79	33.000	99.780	-0.1	0	0	0	0	Bus76	-105.953	-12.149	1.9	99.3	
								Bus82	105.953	12.149	1.9	99.3	
Bus81	0.400	98.899	-1.0	0	0	105.2	10.3	Bus82	-105.205	-10.281	154.3	99.5	
Bus82	33.000	99.778	-0.1	0	0	0	0	Bus79	-105.952	-12.148	1.9	99.3	
								Bus81	105.952	12.148	1.9	99.3	
Bus83	33.000	99.783	-0.1	0	0	0	0	Bus70	-1188.546	-179.255	21.1	98.9	
								Bus87	1071.531	171.617	19.0	98.7	
								Bus86	117.015	7.638	2.1	99.8	
Bus85	0.400	98.907	-1.1	0	0	116.1	5.4	Bus86	-116.110	-5.379	169.6	99.9	
Bus86	33.000	99.781	-0.1	0	0	0	0	Bus83	-117.013	-7.636	2.1	99.8	
								Bus85	117.013	7.636	2.1	99.8	
Bus87	33.000	99.770	-0.1	0	0	0	0	Bus83	-1071.406	-171.531	19.0	98.7	
								Bus90	961.815	151.817	17.1	98.8	
								Bus89	109.591	19.715	2.0	98.4	
Bus89	0.400	98.743	-1.0	0	0	108.8	17.7	Bus87	-108.777	-17.679	161.1	98.7	
Bus90	33.000	99.751	-0.1	0	0	0	0	Bus113	286.842	-38.074	5.1	-99.1	
								Bus93	503.368	154.994	9.2	95.6	
								Bus87	-961.646	-151.701	17.1	98.8	
								Bus92	171.436	34.780	3.1	98.0	
Bus92	0.400	98.936	-1.1	0	0	170.6	31.5	Bus90	-170.616	-31.498	253.1	98.3	
Bus93	33.000	99.744	-0.1	0	0	0	0	Bus96	416.386	125.338	7.6	95.8	
								Bus90	-503.336	-154.971	9.2	95.6	
								Bus95	86.950	29.634	1.6	94.7	
Bus95	0.400	98.696	-0.8	0	0	86.4	28.2	Bus93	-86.395	-28.248	132.9	95.0	
Bus96	33.000	99.742	-0.1	0	0	0	0	Bus93	-416.380	-125.333	7.6	95.8	
								Bus103	214.521	37.980	3.8	98.5	
								Bus99	100.281	71.787	2.2	81.3	
								Bus98	101.578	15.566	1.8	98.8	
Bus98	0.400	99.310	-0.7	0	0	101.3	14.4	Bus96	-101.294	-14.434	148.7	99.0	
Bus99	33.000	99.742	-0.1	0	0	0	0	Bus102	100.281	71.787	2.2	81.3	
								Bus96	-100.281	-71.787	2.2	81.3	
Bus101	0.400	99.136	-0.4	0	0	100.1	70.7	Bus102	-100.112	-70.731	178.5	81.7	
Bus102	33.000	99.741	-0.1	0	0	0	0	Bus99	-100.280	-71.786	2.2	81.3	
								Bus101	100.280	71.786	2.2	81.3	

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ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus103	33.000	99.739	-0.1	0	0	0	0	Bus96	-214.514	-37.975	3.8	98.5	
								Bus106	121.418	19.646	2.2	98.7	
								Bus105	93.096	18.329	1.7	98.1	
Bus105	0.400	98.838	-0.9	0	0	92.5	16.9	Bus103	-92.505	-16.850	137.3	98.4	
Bus106	33.000	99.737	-0.1	0	0	0	0	Bus103	-121.415	-19.644	2.2	98.7	
								Bus108	121.415	19.644	2.2	98.7	
Bus108	0.400	98.637	-1.2	0	0	120.4	17.2	Bus106	-120.421	-17.159	178.0	99.0	
Bus113	33.000	99.750	-0.1	0	0	0	0	Bus90	-286.837	38.077	5.1	-99.1	
								Bus114	286.837	-38.077	5.1	-99.1	
Bus114	33.000	99.747	-0.1	0	0	0	0	Bus113	-286.829	38.082	5.1	-99.1	
								Bus120	56.726	9.436	1.0	98.6	
								Bus121	163.480	-59.323	3.1	-94.0	
								Bus116	66.622	11.805	1.2	98.5	
Bus116	0.400	99.122	-0.7	0	0	66.3	11.1	Bus114	-66.321	-11.053	97.9	98.6	
Bus119	0.400	99.224	-0.6	0	0	56.5	8.9	Bus120	-56.509	-8.892	83.2	98.8	
Bus120	33.000	99.746	-0.1	0	0	0	0	Bus114	-56.726	-9.435	1.0	98.6	
								Bus119	56.726	9.435	1.0	98.6	
Bus121	33.000	99.745	-0.1	0	0	0	0	Bus124	169.894	30.459	3.0	98.4	
								Bus126	-6.419	-89.786	1.6	7.1	
								Bus114	-163.475	59.327	3.1	-94.0	
Bus124	33.000	99.744	-0.1	0	0	0	0	Bus121	-169.893	-30.459	3.0	98.4	
								Bus125	169.893	30.459	3.0	98.4	
Bus125	0.400	98.750	-1.0	0	0	168.7	27.4	Bus124	-168.670	-27.401	249.8	98.7	
Bus126	33.000	99.746	-0.1	0	0	0	0	Bus127	-121.668	-112.879	2.9	73.3	
								Bus121	6.420	89.787	1.6	7.1	
								Bus142	115.248	23.092	2.1	98.1	
Bus127	33.000	99.749	-0.1	0	0	0	0	Bus126	121.672	112.882	2.9	73.3	
								Bus132	-199.742	-116.402	4.1	86.4	
								Bus129	78.070	3.520	1.4	99.9	
Bus129	0.400	99.188	-0.8	0	0	77.7	2.5	Bus127	-77.669	-2.517	113.1	99.9	
Bus132	33.000	99.756	-0.1	0	0	0	0	Bus135	-262.982	-126.054	5.1	90.2	
								Bus127	199.755	116.411	4.1	86.4	
								Bus134	0.000	0.000	0.0	0.0	
								Bus133	63.226	9.643	1.1	98.9	
Bus133	0.400	99.188	-0.6	0	0	63.0	9.0	Bus132	-62.958	-8.971	92.5	99.0	
Bus134	33.000	99.756	-0.1	0	0	0	0	Bus132	0.000	0.000	0.0	0.0	
Bus135	33.000	99.760	-0.1	0	0	0	0	Bus132	262.993	126.061	5.1	90.2	
								Bus138	-262.993	-126.061	5.1	90.2	
Bus138	33.000	99.770	-0.1	0	0	0	0	Bus135	263.015	126.077	5.1	90.2	

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ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus139	0.400	98.263	-0.9	0	0	109.7	46.0	Bus139	110.662	48.439	2.1	91.6	
								Bus213	-373.677	-174.516	7.2	90.6	
								Bus138	-109.704	-46.044	174.8	92.2	
Bus142	33.000	99.741	-0.1	0	0	0	0	Bus126	-115.243	-23.089	2.1	98.1	
Bus143	0.400	98.623	-1.1	0	0	114.3	20.8	Bus143	115.243	23.089	2.1	98.1	
								Bus142	-114.335	-20.819	170.1	98.4	
								Bus146	1206.378	216.113	21.5	98.4	
Bus146	33.000	99.889	0.0	0	0	0	0	Bus9	-1206.378	-216.113	21.5	98.4	
								Bus152	210.855	31.454	3.7	98.9	
								Bus145	-1206.340	-216.056	21.5	98.4	
Bus148	0.400	98.732	-0.9	0	0	106.8	26.4	Bus172	847.058	151.879	15.1	98.4	
								Bus151	40.853	4.290	0.7	99.5	
								Bus148	107.573	28.433	1.9	96.7	
Bus150	0.400	99.551	-0.4	0	0	40.7	4.0	Bus146	-106.762	-26.406	160.8	97.1	
Bus151	33.000	99.887	0.0	0	0	0	0	Bus151	-40.742	-4.013	59.4	99.5	
								Bus146	-40.852	-4.290	0.7	99.5	
								Bus150	40.852	4.290	0.7	99.5	
Bus152	33.000	99.888	0.0	0	0	0	0	Bus146	-210.855	-31.453	3.7	98.9	
								Bus155	197.391	29.506	3.5	98.9	
								Bus154	13.464	1.947	0.2	99.0	
Bus154	0.400	99.769	-0.2	0	0	13.5	1.9	Bus152	-13.452	-1.917	19.7	99.0	
Bus155	33.000	99.884	0.0	0	0	0	0	Bus158	156.531	25.205	2.8	98.7	
								Bus152	-197.383	-29.495	3.5	98.9	
								Bus157	40.852	4.290	0.7	99.5	
Bus157	0.400	99.548	-0.4	0	0	40.7	4.0	Bus155	-40.741	-4.013	59.4	99.5	
Bus158	33.000	99.883	0.0	0	0	0	0	Bus155	-156.530	-25.203	2.8	98.7	
								Bus159	156.530	25.203	2.8	98.7	
								Bus160	156.526	25.198	2.8	98.7	
Bus160	33.000	99.876	0.0	0	0	0	0	Bus158	-156.526	-25.198	2.8	98.7	
								Bus163	95.749	15.949	1.7	98.6	
								Bus159	-156.521	-25.193	2.8	98.7	
Bus162	0.400	99.332	-0.6	0	0	60.5	8.6	Bus162	60.773	9.243	1.1	98.9	
								Bus160	-60.525	-8.624	88.8	99.0	
								Bus166	35.224	5.290	0.6	98.9	
Bus163	33.000	99.875	0.0	0	0	0	0	Bus160	-95.747	-15.948	1.7	98.6	
								Bus165	60.523	10.658	1.1	98.5	
								Bus163	-60.275	-10.039	88.8	98.6	
Bus165	0.400	99.308	-0.6	0	0	60.3	10.0	Bus167	35.224	5.290	0.6	98.9	
Bus166	33.000	99.874	0.0	0	0	0	0	Bus163	-35.224	-5.290	0.6	98.9	

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Bus		Voltage		Generation		Load		Load Flow				XFMR	
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus167	33.000	99.874	0.0	0	0	0	0	Bus166	-35.224	-5.290	0.6	98.9	
								Bus168	35.224	5.290	0.6	98.9	
Bus168	33.000	99.873	0.0	0	0	0	0	Bus167	-35.224	-5.290	0.6	98.9	
								Bus171	35.224	5.290	0.6	98.9	
Bus170	0.400	99.238	-0.5	0	0	35.0	5.0	Bus171	-35.038	-4.993	51.5	99.0	
Bus171	33.000	99.873	0.0	0	0	0	0	Bus168	-35.224	-5.289	0.6	98.9	
								Bus170	35.224	5.289	0.6	98.9	
Bus172	33.000	99.882	0.0	0	0	0	0	Bus146	-847.005	-151.844	15.1	98.4	
								Bus173	847.005	151.844	15.1	98.4	
Bus173	33.000	99.848	0.0	0	0	0	0	Bus176	792.853	133.432	14.1	98.6	
								Bus172	-846.741	-151.671	15.1	98.4	
								Bus175	53.888	18.239	1.0	94.7	
								Bus173	-53.415	-17.482	82.2	95.0	
Bus175	0.400	98.641	-0.6	0	0	53.4	17.5	Bus173	-53.415	-17.482	82.2	95.0	
Bus176	33.000	99.839	0.0	0	0	0	0	Bus173	-792.786	-133.386	14.1	98.6	
								Bus179	85.963	13.865	1.5	98.7	
								Bus180	706.823	119.521	12.6	98.6	
								Bus179	-84.853	-12.091	125.9	99.0	
Bus178	0.400	98.275	-1.1	0	0	84.9	12.1	Bus179	-84.853	-12.091	125.9	99.0	
Bus179	33.000	99.838	0.0	0	0	0	0	Bus176	-85.961	-13.865	1.5	98.7	
								Bus178	85.961	13.865	1.5	98.7	
Bus180	33.000	99.820	-0.1	0	0	0	0	Bus176	-706.701	-119.437	12.6	98.6	
								Bus194	418.553	83.638	7.5	98.1	
								Bus181	167.699	17.101	3.0	99.5	
								Bus208	120.449	18.698	2.1	98.8	
Bus181	33.000	99.814	-0.1	0	0	0	0	Bus184	75.652	6.011	1.3	99.7	
								Bus180	-167.689	-17.094	3.0	99.5	
								Bus183	92.037	11.084	1.6	99.3	
								Bus181	-91.473	-9.674	134.1	99.4	
Bus183	0.400	99.040	-0.9	0	0	91.5	9.7	Bus181	-91.473	-9.674	134.1	99.4	
Bus184	33.000	99.814	-0.1	0	0	0	0	Bus181	-75.652	-6.010	1.3	99.7	
								Bus185	75.652	6.010	1.3	99.7	
Bus185	33.000	99.812	-0.1	0	0	0	0	Bus189	34.811	1.720	0.6	99.9	
								Bus184	-75.651	-6.009	1.3	99.7	
								Bus188	40.840	4.289	0.7	99.5	
								Bus185	-40.730	-4.012	59.4	99.5	
Bus188	0.400	99.477	-0.4	0	0	40.7	4.0	Bus185	-40.730	-4.012	59.4	99.5	
Bus189	33.000	99.812	-0.1	0	0	0	0	Bus193	0.000	0.000	0.0	0.0	
								Bus185	-34.810	-1.720	0.6	99.9	
								Bus192	34.810	1.720	0.6	99.9	
								Bus192	-34.730	-1.521	50.4	99.9	
Bus191	0.400	99.557	-0.4	0	0	34.7	1.5	Bus192	-34.730	-1.521	50.4	99.9	
Bus192	33.000	99.811	-0.1	0	0	0	0	Bus189	-34.810	-1.720	0.6	99.9	
								Bus191	34.810	1.720	0.6	99.9	

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Bus		Voltage		Generation		Load		Load Flow				XFMR	
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus193	33.000	99.812	-0.1	0	0	0	0	Bus189	0.000	0.000	0.0	0.0	
Bus194	33.000	99.817	-0.1	0	0	0	0	Bus180	-418.540	-83.630	7.5	98.1	
								Bus195	418.540	83.630	7.5	98.1	
Bus195	33.000	99.808	-0.1	0	0	0	0	Bus196	418.506	83.608	7.5	98.1	
								Bus194	-418.506	-83.608	7.5	98.1	
Bus196	33.000	99.808	-0.1	0	0	0	0	Bus195	-418.505	-83.607	7.5	98.1	
								Bus197	418.505	83.607	7.5	98.1	
Bus197	33.000	99.807	-0.1	0	0	0	0	Bus198	208.420	50.225	3.8	97.2	
								Bus209	210.081	33.379	3.7	98.8	
								Bus196	-418.501	-83.604	7.5	98.1	
Bus198	33.000	99.804	-0.1	0	0	0	0	Bus197	-208.415	-50.221	3.8	97.2	
								Bus200	208.415	50.221	3.8	97.2	
Bus200	0.400	98.732	-1.3	0	0	207.2	45.3	Bus198	-207.184	-45.298	310.0	97.7	
Bus201	33.000	99.801	-0.1	0	0	0	0	Bus204	0.000	0.000	0.0	0.0	
								Bus209	-35.156	-5.205	0.6	98.9	
								Bus203	35.156	5.205	0.6	98.9	
Bus203	0.400	99.487	-0.4	0	0	35.1	5.0	Bus201	-35.073	-4.998	51.4	99.0	
Bus204	33.000	99.801	-0.1	0	0	0	0	Bus201	0.000	0.000	0.0	0.0	
								Bus205	0.000	0.000	0.0	0.0	
								Bus206	0.000	0.000	0.0	0.0	
Bus205	33.000	99.801	-0.1	0	0	0	0	Bus204	0.000	0.000	0.0	0.0	
Bus206	33.000	99.801	-0.1	0	0	0	0	Bus204	0.000	0.000	0.0	0.0	
Bus208	0.400	99.306	-0.8	0	0	120.1	17.1	Bus180	-120.051	-17.106	176.3	99.0	
Bus209	33.000	99.801	-0.1	0	0	0	0	Bus201	35.156	5.205	0.6	98.9	
								Bus197	-210.070	-33.372	3.7	98.8	
								Bus211	174.914	28.167	3.1	98.7	
Bus211	0.400	99.049	-1.1	0	0	174.1	24.8	Bus209	-174.073	-24.804	256.2	99.0	
Bus212	0.400	99.645	0.7	380.0	184.0	0	0	Bus213	380.000	184.000	611.6	90.0	
Bus213	33.000	99.770	-0.1	0	0	0	0	Bus212	-373.677	-174.516	7.2	90.6	2.500
								Bus138	373.677	174.516	7.2	90.6	

* Indicates a voltage regulated bus (voltage controlled or swing type machine connected to it)

Indicates a bus with a load mismatch of more than 0.1 MVA