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Bus Loading Summary Report

Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus1	33.000		A	1.903	0.366	1.938	98.2	101.7	
			B	1.903	0.366	1.938	98.2	101.7	
			C	1.903	0.366	1.938	98.2	101.7	
Bus2	33.000		A	1.902	0.366	1.937	98.2	101.7	
			B	1.902	0.366	1.937	98.2	101.7	
			C	1.902	0.366	1.937	98.2	101.7	
Bus3	33.000		A	0.627	0.127	0.640	98.0	33.6	
			B	0.627	0.127	0.640	98.0	33.6	
			C	0.627	0.127	0.640	98.0	33.6	
Bus4	33.000		A	0.627	0.127	0.640	98.0	33.6	
			B	0.627	0.127	0.640	98.0	33.6	
			C	0.627	0.127	0.640	98.0	33.6	
Bus5	0.400		A	0.029	0.009	0.030	95.0	132.7	
			B	0.029	0.009	0.030	95.0	132.7	
			C	0.029	0.009	0.030	95.0	132.7	
Bus6	33.000		A	0.598	0.117	0.609	98.1	32.0	
			B	0.598	0.117	0.609	98.1	32.0	
			C	0.598	0.117	0.609	98.1	32.0	
Bus7	33.000		A	0.598	0.117	0.609	98.1	32.0	
			B	0.598	0.117	0.609	98.1	32.0	
			C	0.598	0.117	0.609	98.1	32.0	
Bus8	0.400		A	0.071	0.014	0.072	98.2	315.5	
			B	0.071	0.014	0.072	98.2	315.5	
			C	0.071	0.014	0.072	98.2	315.5	
Bus9	33.000		A	0.526	0.101	0.536	98.2	28.1	
			B	0.526	0.101	0.536	98.2	28.1	
			C	0.526	0.101	0.536	98.2	28.1	
Bus10	33.000		A	0.123	0.022	0.125	98.4	6.5	
			B	0.123	0.022	0.125	98.4	6.5	
			C	0.123	0.022	0.125	98.4	6.5	
Bus11	33.000		A	0.014	0.002	0.014	99.2	0.7	
			B	0.014	0.002	0.014	99.2	0.7	
			C	0.014	0.002	0.014	99.2	0.7	
Bus12	0.400		A	0.014	0.001	0.014	99.5	59.5	
			B	0.014	0.001	0.014	99.5	59.5	
			C	0.014	0.001	0.014	99.5	59.5	
Bus13	33.000		A	0.109	0.020	0.111	98.3	5.8	
			B	0.109	0.020	0.111	98.3	5.8	
			C	0.109	0.020	0.111	98.3	5.8	
Bus14	0.400		A	0.020	0.003	0.020	98.6	88.8	
			B	0.020	0.003	0.020	98.6	88.8	
			C	0.020	0.003	0.020	98.6	88.8	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus15	33.000		A	0.089	0.016	0.090	98.3	4.7	
			B	0.089	0.016	0.090	98.3	4.7	
			C	0.089	0.016	0.090	98.3	4.7	
Bus17	33.000		A	0.024	0.004	0.024	98.6	1.3	
			B	0.024	0.004	0.024	98.6	1.3	
			C	0.024	0.004	0.024	98.6	1.3	
Bus18	33.000		A	0.024	0.004	0.024	98.6	1.3	
			B	0.024	0.004	0.024	98.6	1.3	
			C	0.024	0.004	0.024	98.6	1.3	
Bus19	0.400		A	0.024	0.003	0.024	99.0	105.1	
			B	0.024	0.003	0.024	99.0	105.1	
			C	0.024	0.003	0.024	99.0	105.1	
Bus20	0.400		A	0.064	0.010	0.065	98.7	283.8	
			B	0.064	0.010	0.065	98.7	283.8	
			C	0.064	0.010	0.065	98.7	283.8	
Bus21	33.000		A	1.275	0.239	1.297	98.3	68.1	
			B	1.275	0.239	1.297	98.3	68.1	
			C	1.275	0.239	1.297	98.3	68.1	
Bus22	0.400		A	0.038	0.007	0.039	98.4	169.8	
			B	0.038	0.007	0.039	98.4	169.8	
			C	0.038	0.007	0.039	98.4	169.8	
Bus24	33.000		A	1.236	0.230	1.257	98.3	66.0	
			B	1.236	0.230	1.257	98.3	66.0	
			C	1.236	0.230	1.257	98.3	66.0	
Bus25	0.400		A	0.093	0.020	0.095	97.7	415.9	
			B	0.093	0.020	0.095	97.7	415.9	
			C	0.093	0.020	0.095	97.7	415.9	
Bus26	33.000		A	0.014	0.002	0.014	99.2	0.7	
			B	0.014	0.002	0.014	99.2	0.7	
			C	0.014	0.002	0.014	99.2	0.7	
Bus27	0.400		A	0.014	0.001	0.014	99.5	59.5	
			B	0.014	0.001	0.014	99.5	59.5	
			C	0.014	0.001	0.014	99.5	59.5	
Bus28	33.000		A	1.128	0.205	1.147	98.4	60.2	
			B	1.128	0.205	1.147	98.4	60.2	
			C	1.128	0.205	1.147	98.4	60.2	
Bus30	0.400		A	0.034	0.005	0.034	99.0	148.6	
			B	0.034	0.005	0.034	99.0	148.6	
			C	0.034	0.005	0.034	99.0	148.6	
Bus31	33.000		A	1.094	0.199	1.112	98.4	58.4	
			B	1.094	0.199	1.112	98.4	58.4	
			C	1.094	0.199	1.112	98.4	58.4	
Bus32	33.000		A	0.107	0.020	0.109	98.3	5.7	
			B	0.107	0.020	0.109	98.3	5.7	
			C	0.107	0.020	0.109	98.3	5.7	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus34	0.400		A	0.075	0.011	0.076	99.0	333.4	
			B	0.075	0.011	0.076	99.0	333.4	
			C	0.075	0.011	0.076	99.0	333.4	
Bus35	33.000		A	0.031	0.007	0.032	97.9	1.7	
			B	0.031	0.007	0.032	97.9	1.7	
			C	0.031	0.007	0.032	97.9	1.7	
Bus37	0.400		A	0.031	0.006	0.031	98.4	137.2	
			B	0.031	0.006	0.031	98.4	137.2	
			C	0.031	0.006	0.031	98.4	137.2	
Bus38	33.000		A	0.987	0.179	1.003	98.4	52.7	
			B	0.987	0.179	1.003	98.4	52.7	
			C	0.987	0.179	1.003	98.4	52.7	
Bus41	0.400		A	0.093	0.020	0.095	97.7	416.0	
			B	0.093	0.020	0.095	97.7	416.0	
			C	0.093	0.020	0.095	97.7	416.0	
Bus42	33.000		A	0.144	0.032	0.148	97.6	7.8	
			B	0.144	0.032	0.148	97.6	7.8	
			C	0.144	0.032	0.148	97.6	7.8	
Bus43	33.000		A	0.051	0.009	0.052	98.5	2.7	
			B	0.051	0.009	0.052	98.5	2.7	
			C	0.051	0.009	0.052	98.5	2.7	
Bus44	33.000		A	0.051	0.009	0.052	98.5	2.7	
			B	0.051	0.009	0.052	98.5	2.7	
			C	0.051	0.009	0.052	98.5	2.7	
Bus46	0.400		A	0.038	0.005	0.039	99.0	171.3	
			B	0.038	0.005	0.039	99.0	171.3	
			C	0.038	0.005	0.039	99.0	171.3	
Bus47	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	
Bus51	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	
Bus52	0.400		A	0.012	0.002	0.012	99.0	51.5	
			B	0.012	0.002	0.012	99.0	51.5	
			C	0.012	0.002	0.012	99.0	51.5	
Bus53	33.000		A	0.842	0.147	0.855	98.5	44.9	
			B	0.842	0.147	0.855	98.5	44.9	
			C	0.842	0.147	0.855	98.5	44.9	
Bus54	33.000		A	0.842	0.147	0.855	98.5	44.9	
			B	0.842	0.147	0.855	98.5	44.9	
			C	0.842	0.147	0.855	98.5	44.9	
Bus56	0.400		A	0.014	0.001	0.014	99.5	59.5	
			B	0.014	0.001	0.014	99.5	59.5	
			C	0.014	0.001	0.014	99.5	59.5	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus57	33.000		A	0.828	0.145	0.841	98.5	44.2	
			B	0.828	0.145	0.841	98.5	44.2	
			C	0.828	0.145	0.841	98.5	44.2	
Bus59	0.400		A	0.093	0.020	0.095	97.7	416.1	
			B	0.093	0.020	0.095	97.7	416.1	
			C	0.093	0.020	0.095	97.7	416.1	
Bus60	33.000		A	0.046	0.001	0.046	100.0	2.4	
			B	0.046	0.001	0.046	100.0	2.4	
			C	0.046	0.001	0.046	100.0	2.4	
Bus62	0.400		A	0.046	0	0.046	100.0	200.7	
			B	0.046	0	0.046	100.0	200.7	
			C	0.046	0	0.046	100.0	200.7	
Bus63	33.000		A	0.688	0.121	0.699	98.5	36.7	
			B	0.688	0.121	0.699	98.5	36.7	
			C	0.688	0.121	0.699	98.5	36.7	
Bus64	33.000		A	0.688	0.121	0.699	98.5	36.7	
			B	0.688	0.121	0.699	98.5	36.7	
			C	0.688	0.121	0.699	98.5	36.7	
Bus66	0.400		A	0.096	0.015	0.097	98.8	426.6	
			B	0.096	0.015	0.097	98.8	426.6	
			C	0.096	0.015	0.097	98.8	426.6	
Bus68	0.400		A	0.032	0.005	0.033	98.7	142.5	
			B	0.032	0.005	0.033	98.7	142.5	
			C	0.032	0.005	0.033	98.7	142.5	
Bus69	33.000		A	0.033	0.006	0.033	98.2	1.7	
			B	0.033	0.006	0.033	98.2	1.7	
			C	0.033	0.006	0.033	98.2	1.7	
Bus70	33.000		A	0.559	0.095	0.567	98.6	29.8	
			B	0.559	0.095	0.567	98.6	29.8	
			C	0.559	0.095	0.567	98.6	29.8	
Bus72	0.400		A	0.075	0.011	0.076	99.0	333.6	
			B	0.075	0.011	0.076	99.0	333.6	
			C	0.075	0.011	0.076	99.0	333.6	
Bus73	33.000		A	0.084	0.014	0.086	98.7	4.5	
			B	0.084	0.014	0.086	98.7	4.5	
			C	0.084	0.014	0.086	98.7	4.5	
Bus75	0.400		A	0.031	0.005	0.031	98.5	136.9	
			B	0.031	0.005	0.031	98.5	136.9	
			C	0.031	0.005	0.031	98.5	136.9	
Bus76	33.000		A	0.053	0.008	0.054	99.0	2.8	
			B	0.053	0.008	0.054	99.0	2.8	
			C	0.053	0.008	0.054	99.0	2.8	
Bus78	0.400		A	0.018	0.003	0.018	99.0	78.1	
			B	0.018	0.003	0.018	99.0	78.1	
			C	0.018	0.003	0.018	99.0	78.1	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus79	33.000		A	0.035	0.004	0.036	99.2	1.9	
			B	0.035	0.004	0.036	99.2	1.9	
			C	0.035	0.004	0.036	99.2	1.9	
Bus81	0.400		A	0.035	0.003	0.035	99.5	154.3	
			B	0.035	0.003	0.035	99.5	154.3	
			C	0.035	0.003	0.035	99.5	154.3	
Bus82	33.000		A	0.035	0.004	0.036	99.2	1.9	
			B	0.035	0.004	0.036	99.2	1.9	
			C	0.035	0.004	0.036	99.2	1.9	
Bus83	33.000		A	0.398	0.068	0.404	98.6	21.3	
			B	0.398	0.068	0.404	98.6	21.3	
			C	0.398	0.068	0.404	98.6	21.3	
Bus85	0.400		A	0.039	0.002	0.039	99.9	169.6	
			B	0.039	0.002	0.039	99.9	169.6	
			C	0.039	0.002	0.039	99.9	169.6	
Bus86	33.000		A	0.039	0.003	0.039	99.7	2.1	
			B	0.039	0.003	0.039	99.7	2.1	
			C	0.039	0.003	0.039	99.7	2.1	
Bus87	33.000		A	0.359	0.065	0.365	98.4	19.2	
			B	0.359	0.065	0.365	98.4	19.2	
			C	0.359	0.065	0.365	98.4	19.2	
Bus89	0.400		A	0.036	0.006	0.037	98.7	161.1	
			B	0.036	0.006	0.037	98.7	161.1	
			C	0.036	0.006	0.037	98.7	161.1	
Bus90	33.000		A	0.322	0.067	0.329	97.9	17.3	
			B	0.322	0.067	0.329	97.9	17.3	
			C	0.322	0.067	0.329	97.9	17.3	
Bus92	0.400		A	0.057	0.010	0.058	98.3	253.1	
			B	0.057	0.010	0.058	98.3	253.1	
			C	0.057	0.010	0.058	98.3	253.1	
Bus93	33.000		A	0.169	0.055	0.177	95.1	9.3	
			B	0.169	0.055	0.177	95.1	9.3	
			C	0.169	0.055	0.177	95.1	9.3	
Bus95	0.400		A	0.029	0.009	0.030	95.0	132.9	
			B	0.029	0.009	0.030	95.0	132.9	
			C	0.029	0.009	0.030	95.0	132.9	
Bus96	33.000		A	0.139	0.044	0.146	95.3	7.7	
			B	0.139	0.044	0.146	95.3	7.7	
			C	0.139	0.044	0.146	95.3	7.7	
Bus98	0.400		A	0.034	0.005	0.034	99.0	148.7	
			B	0.034	0.005	0.034	99.0	148.7	
			C	0.034	0.005	0.034	99.0	148.7	
Bus99	33.000		A	0.034	0.025	0.042	80.4	2.2	
			B	0.034	0.025	0.042	80.4	2.2	
			C	0.034	0.025	0.042	80.4	2.2	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus101	0.400		A	0.033	0.024	0.041	81.7	178.5	
			B	0.033	0.024	0.041	81.7	178.5	
			C	0.033	0.024	0.041	81.7	178.5	
Bus102	33.000		A	0.034	0.025	0.042	80.4	2.2	
			B	0.034	0.025	0.042	80.4	2.2	
			C	0.034	0.025	0.042	80.4	2.2	
Bus103	33.000		A	0.072	0.013	0.073	98.3	3.8	
			B	0.072	0.013	0.073	98.3	3.8	
			C	0.072	0.013	0.073	98.3	3.8	
Bus105	0.400		A	0.031	0.006	0.031	98.4	137.3	
			B	0.031	0.006	0.031	98.4	137.3	
			C	0.031	0.006	0.031	98.4	137.3	
Bus106	33.000		A	0.041	0.007	0.041	98.6	2.2	
			B	0.041	0.007	0.041	98.6	2.2	
			C	0.041	0.007	0.041	98.6	2.2	
Bus108	0.400		A	0.040	0.006	0.041	99.0	178.0	
			B	0.040	0.006	0.041	99.0	178.0	
			C	0.040	0.006	0.041	99.0	178.0	
Bus113	33.000		A	0.097	0.009	0.097	99.6	5.1	
			B	0.097	0.009	0.097	99.6	5.1	
			C	0.097	0.009	0.097	99.6	5.1	
Bus114	33.000		A	0.097	0.017	0.098	98.6	5.2	
			B	0.097	0.017	0.098	98.6	5.2	
			C	0.097	0.017	0.098	98.6	5.2	
Bus116	0.400		A	0.022	0.004	0.022	98.6	97.9	
			B	0.022	0.004	0.022	98.6	97.9	
			C	0.022	0.004	0.022	98.6	97.9	
Bus119	0.400		A	0.019	0.003	0.019	98.8	83.2	
			B	0.019	0.003	0.019	98.8	83.2	
			C	0.019	0.003	0.019	98.8	83.2	
Bus120	33.000		A	0.019	0.004	0.019	98.3	1.0	
			B	0.019	0.004	0.019	98.3	1.0	
			C	0.019	0.004	0.019	98.3	1.0	
Bus121	33.000		A	0.057	0.027	0.063	90.1	3.3	
			B	0.057	0.027	0.063	90.1	3.3	
			C	0.057	0.027	0.063	90.1	3.3	
Bus124	33.000		A	0.057	0.011	0.058	98.2	3.0	
			B	0.057	0.011	0.058	98.2	3.0	
			C	0.057	0.011	0.058	98.2	3.0	
Bus125	0.400		A	0.056	0.009	0.057	98.7	249.8	
			B	0.056	0.009	0.057	98.7	249.8	
			C	0.056	0.009	0.057	98.7	249.8	
Bus126	33.000		A	0.040	0.035	0.053	74.8	2.8	
			B	0.040	0.035	0.053	74.8	2.8	
			C	0.040	0.035	0.053	74.8	2.8	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus127	33.000		A	0.066	0.037	0.076	87.3	4.0	
			B	0.066	0.037	0.076	87.3	4.0	
			C	0.066	0.037	0.076	87.3	4.0	
Bus129	0.400		A	0.026	0.001	0.026	99.9	113.1	
			B	0.026	0.001	0.026	99.9	113.1	
			C	0.026	0.001	0.026	99.9	113.1	
Bus132	33.000		A	0.087	0.041	0.096	90.7	5.1	
			B	0.087	0.041	0.096	90.7	5.1	
			C	0.087	0.041	0.096	90.7	5.1	
Bus133	0.400		A	0.021	0.003	0.021	99.0	92.6	
			B	0.021	0.003	0.021	99.0	92.6	
			C	0.021	0.003	0.021	99.0	92.6	
Bus134	33.000		A	0	0	0	0	0	
			B	0	0	0	0	0	
			C	0	0	0	0	0	
Bus135	33.000		A	0.087	0.041	0.096	90.7	5.1	
			B	0.087	0.041	0.096	90.7	5.1	
			C	0.087	0.041	0.096	90.7	5.1	
Bus138	33.000		A	0.124	0.057	0.137	90.8	7.2	
			B	0.124	0.057	0.137	90.8	7.2	
			C	0.124	0.057	0.137	90.8	7.2	
Bus139	0.400		A	0.037	0.015	0.040	92.2	174.8	
			B	0.037	0.015	0.040	92.2	174.8	
			C	0.037	0.015	0.040	92.2	174.8	
Bus142	33.000		A	0.039	0.008	0.039	97.9	2.1	
			B	0.039	0.008	0.039	97.9	2.1	
			C	0.039	0.008	0.039	97.9	2.1	
Bus143	0.400		A	0.038	0.007	0.039	98.4	170.1	
			B	0.038	0.007	0.039	98.4	170.1	
			C	0.038	0.007	0.039	98.4	170.1	
Bus145	33.000		A	0.404	0.079	0.411	98.2	21.6	
			B	0.404	0.079	0.411	98.2	21.6	
			C	0.404	0.079	0.411	98.2	21.6	
Bus146	33.000		A	0.404	0.079	0.411	98.2	21.6	
			B	0.404	0.079	0.411	98.2	21.6	
			C	0.404	0.079	0.411	98.2	21.6	
Bus148	0.400		A	0.036	0.009	0.037	97.1	160.8	
			B	0.036	0.009	0.037	97.1	160.8	
			C	0.036	0.009	0.037	97.1	160.8	
Bus150	0.400		A	0.014	0.001	0.014	99.5	59.4	
			B	0.014	0.001	0.014	99.5	59.4	
			C	0.014	0.001	0.014	99.5	59.4	
Bus151	33.000		A	0.014	0.002	0.014	99.1	0.7	
			B	0.014	0.002	0.014	99.1	0.7	
			C	0.014	0.002	0.014	99.1	0.7	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus152	33.000		A	0.071	0.012	0.072	98.5	3.8	
			B	0.071	0.012	0.072	98.5	3.8	
			C	0.071	0.012	0.072	98.5	3.8	
Bus154	0.400		A	0.004	0.001	0.005	99.0	19.7	
			B	0.004	0.001	0.005	99.0	19.7	
			C	0.004	0.001	0.005	99.0	19.7	
Bus155	33.000		A	0.066	0.011	0.067	98.6	3.5	
			B	0.066	0.011	0.067	98.6	3.5	
			C	0.066	0.011	0.067	98.6	3.5	
Bus157	0.400		A	0.014	0.001	0.014	99.5	59.4	
			B	0.014	0.001	0.014	99.5	59.4	
			C	0.014	0.001	0.014	99.5	59.4	
Bus158	33.000		A	0.052	0.009	0.053	98.4	2.8	
			B	0.052	0.009	0.053	98.4	2.8	
			C	0.052	0.009	0.053	98.4	2.8	
Bus159	33.000		A	0.052	0.009	0.053	98.4	2.8	
			B	0.052	0.009	0.053	98.4	2.8	
			C	0.052	0.009	0.053	98.4	2.8	
Bus160	33.000		A	0.052	0.009	0.053	98.4	2.8	
			B	0.052	0.009	0.053	98.4	2.8	
			C	0.052	0.009	0.053	98.4	2.8	
Bus162	0.400		A	0.020	0.003	0.020	99.0	88.8	
			B	0.020	0.003	0.020	99.0	88.8	
			C	0.020	0.003	0.020	99.0	88.8	
Bus163	33.000		A	0.032	0.006	0.033	98.3	1.7	
			B	0.032	0.006	0.033	98.3	1.7	
			C	0.032	0.006	0.033	98.3	1.7	
Bus165	0.400		A	0.020	0.003	0.020	98.6	88.8	
			B	0.020	0.003	0.020	98.6	88.8	
			C	0.020	0.003	0.020	98.6	88.8	
Bus166	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	
Bus167	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	
Bus168	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	
Bus170	0.400		A	0.012	0.002	0.012	99.0	51.5	
			B	0.012	0.002	0.012	99.0	51.5	
			C	0.012	0.002	0.012	99.0	51.5	
Bus171	33.000		A	0.012	0.002	0.012	98.6	0.6	
			B	0.012	0.002	0.012	98.6	0.6	
			C	0.012	0.002	0.012	98.6	0.6	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus172	33.000		A	0.283	0.055	0.288	98.2	15.1	
			B	0.283	0.055	0.288	98.2	15.1	
			C	0.283	0.055	0.288	98.2	15.1	
Bus173	33.000		A	0.283	0.055	0.288	98.2	15.1	
			B	0.283	0.055	0.288	98.2	15.1	
			C	0.283	0.055	0.288	98.2	15.1	
Bus175	0.400		A	0.018	0.006	0.019	95.0	82.2	
			B	0.018	0.006	0.019	95.0	82.2	
			C	0.018	0.006	0.019	95.0	82.2	
Bus176	33.000		A	0.265	0.048	0.269	98.4	14.2	
			B	0.265	0.048	0.269	98.4	14.2	
			C	0.265	0.048	0.269	98.4	14.2	
Bus178	0.400		A	0.028	0.004	0.029	99.0	125.9	
			B	0.028	0.004	0.029	99.0	125.9	
			C	0.028	0.004	0.029	99.0	125.9	
Bus179	33.000		A	0.029	0.005	0.029	98.6	1.5	
			B	0.029	0.005	0.029	98.6	1.5	
			C	0.029	0.005	0.029	98.6	1.5	
Bus180	33.000		A	0.236	0.043	0.240	98.4	12.6	
			B	0.236	0.043	0.240	98.4	12.6	
			C	0.236	0.043	0.240	98.4	12.6	
Bus181	33.000		A	0.056	0.007	0.057	99.3	3.0	
			B	0.056	0.007	0.057	99.3	3.0	
			C	0.056	0.007	0.057	99.3	3.0	
Bus183	0.400		A	0.030	0.003	0.031	99.4	134.1	
			B	0.030	0.003	0.031	99.4	134.1	
			C	0.030	0.003	0.031	99.4	134.1	
Bus184	33.000		A	0.025	0.003	0.026	99.4	1.3	
			B	0.025	0.003	0.026	99.4	1.3	
			C	0.025	0.003	0.026	99.4	1.3	
Bus185	33.000		A	0.025	0.003	0.026	99.4	1.3	
			B	0.025	0.003	0.026	99.4	1.3	
			C	0.025	0.003	0.026	99.4	1.3	
Bus188	0.400		A	0.014	0.001	0.014	99.5	59.4	
			B	0.014	0.001	0.014	99.5	59.4	
			C	0.014	0.001	0.014	99.5	59.4	
Bus189	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.012	0.001	0.012	99.7	0.6	
			C	0.012	0.001	0.012	99.7	0.6	
Bus191	0.400		A	0.012	0.001	0.012	99.9	50.4	
			B	0.012	0.001	0.012	99.9	50.4	
			C	0.012	0.001	0.012	99.9	50.4	
Bus192	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.012	0.001	0.012	99.7	0.6	
			C	0.012	0.001	0.012	99.7	0.6	

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Bus193	33.000		A	0	0	0	0	0	
			B	0	0	0	0	0	
			C	0	0	0	0	0	
Bus194	33.000		A	0.140	0.030	0.143	97.8	7.5	
			B	0.140	0.030	0.143	97.8	7.5	
			C	0.140	0.030	0.143	97.8	7.5	
Bus195	33.000		A	0.140	0.030	0.143	97.8	7.5	
			B	0.140	0.030	0.143	97.8	7.5	
			C	0.140	0.030	0.143	97.8	7.5	
Bus196	33.000		A	0.140	0.030	0.143	97.8	7.5	
			B	0.140	0.030	0.143	97.8	7.5	
			C	0.140	0.030	0.143	97.8	7.5	
Bus197	33.000		A	0.140	0.030	0.143	97.8	7.5	
			B	0.140	0.030	0.143	97.8	7.5	
			C	0.140	0.030	0.143	97.8	7.5	
Bus198	33.000		A	0.069	0.017	0.071	97.0	3.8	
			B	0.069	0.017	0.071	97.0	3.8	
			C	0.069	0.017	0.071	97.0	3.8	
Bus200	0.400		A	0.069	0.015	0.070	97.7	308.6	
			B	0.069	0.015	0.070	97.7	308.6	
			C	0.069	0.015	0.070	97.7	308.6	
Bus201	33.000		A	0.012	0.002	0.012	98.4	0.6	
			B	0.012	0.002	0.012	98.4	0.6	
			C	0.012	0.002	0.012	98.4	0.6	
Bus203	0.400		A	0.012	0.002	0.012	99.0	51.4	
			B	0.012	0.002	0.012	99.0	51.4	
			C	0.012	0.002	0.012	99.0	51.4	
Bus204	33.000		A	0	0	0	0	0	
			B	0	0	0	0	0	
			C	0	0	0	0	0	
Bus205	33.000		A	0	0	0	0	0	
			B	0	0	0	0	0	
			C	0	0	0	0	0	
Bus206	33.000		A	0	0	0	0	0	
			B	0	0	0	0	0	
			C	0	0	0	0	0	
Bus208	0.400		A	0.040	0.006	0.040	99.0	176.3	
			B	0.040	0.006	0.040	99.0	176.3	
			C	0.040	0.006	0.040	99.0	176.3	
Bus209	33.000		A	0.070	0.012	0.071	98.5	3.8	
			B	0.070	0.012	0.071	98.5	3.8	
			C	0.070	0.012	0.071	98.5	3.8	
Bus211	0.400		A	0.058	0.008	0.059	99.0	256.2	
			B	0.058	0.008	0.059	99.0	256.2	
			C	0.058	0.008	0.059	99.0	256.2	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus212	0.400		A	0.127	0.061	0.141	90.0	611.7	
			B	0.127	0.061	0.141	90.0	611.7	
			C	0.127	0.061	0.141	90.0	611.7	
Bus213	33.000		A	0.124	0.057	0.137	90.8	7.2	
			B	0.124	0.057	0.137	90.8	7.2	
			C	0.124	0.057	0.137	90.8	7.2	

* Indicates operating load of a bus exceeds the bus critical limit (100.00 % times the continuous rating).