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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	0.894	0.418	0.987	90.6	51.8	
			B	0.844	0.437	0.951	88.8	49.9	
			C	0.854	0.385	0.936	91.1	49.1	
Bus2	33.000		A	0.894	0.418	0.987	90.6	51.8	
			B	0.844	0.437	0.951	88.8	49.9	
			C	0.854	0.385	0.936	91.1	49.1	
Bus3	33.000		A	0.328	0.107	0.345	95.1	18.1	
			B	0.307	0.124	0.331	92.7	17.4	
			C	0.303	0.098	0.318	95.2	16.7	
Bus4	33.000		A	0.328	0.107	0.345	95.1	18.1	
			B	0.307	0.124	0.331	92.7	17.4	
			C	0.303	0.098	0.318	95.2	16.7	
Bus5	0.400		A	0.008	0.003	0.009	92.0	37.8	
			B	0.009	0.004	0.009	91.0	40.8	
			C	0.007	0.004	0.008	88.0	36.4	
Bus6	33.000		A	0.320	0.103	0.336	95.2	17.7	
			B	0.298	0.120	0.322	92.8	16.9	
			C	0.295	0.093	0.309	95.4	16.2	
Bus7	33.000		A	0.320	0.108	0.338	94.8	17.7	
			B	0.298	0.126	0.324	92.1	17.0	
			C	0.295	0.108	0.314	93.8	16.5	
Bus8	0.400		A	0.037	0.033	0.050	74.2	215.3	
			B	0.033	0.033	0.047	70.7	204.2	
			C	0.053	0.033	0.063	84.6	270.8	
Bus9	33.000		A	0.273	0.108	0.293	93.0	15.4	
			B	0.263	0.126	0.292	90.2	15.3	
			C	0.253	0.108	0.275	91.9	14.4	
Bus10	33.000		A	0.057	0.025	0.063	91.4	3.3	
			B	0.056	0.029	0.063	88.9	3.3	
			C	0.054	0.026	0.060	90.1	3.1	
Bus11	33.000		A	0.006	0.002	0.006	92.9	0.3	
			B	0.005	0.003	0.006	88.4	0.3	
			C	0.005	0.002	0.005	94.7	0.3	
Bus12	0.400		A	0.006	0.002	0.006	92.0	26.9	
			B	0.005	0.002	0.005	94.0	21.3	
			C	0.006	0.002	0.006	95.0	25.2	
Bus13	33.000		A	0.052	0.023	0.056	91.2	3.0	
			B	0.051	0.026	0.057	88.9	3.0	
			C	0.049	0.024	0.054	89.6	2.8	
Bus14	0.400		A	0.012	0.004	0.013	95.0	54.5	
			B	0.009	0.005	0.011	86.6	46.3	
			C	0.009	0.002	0.010	97.1	42.0	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus15	33.000		A	0.040	0.020	0.045	89.3	2.4	
			B	0.040	0.020	0.045	89.0	2.3	
			C	0.040	0.020	0.045	89.6	2.3	
Bus17	33.000		A	0.008	0.006	0.010	81.3	0.5	
			B	0.007	0.004	0.008	85.0	0.4	
			C	0.009	0.004	0.009	91.3	0.5	
Bus18	33.000		A	0.008	0.006	0.010	81.3	0.5	
			B	0.007	0.004	0.008	85.0	0.4	
			C	0.009	0.004	0.009	91.3	0.5	
Bus19	0.400		A	0.007	0.004	0.008	86.0	34.7	
			B	0.007	0.003	0.007	90.0	32.5	
			C	0.009	0.005	0.010	88.0	45.6	
Bus20	0.400		A	0.034	0.014	0.037	92.0	161.0	
			B	0.032	0.014	0.035	91.0	151.8	
			C	0.030	0.015	0.034	90.0	147.5	
Bus21	33.000		A	0.566	0.311	0.646	87.6	33.9	
			B	0.537	0.313	0.622	86.4	32.6	
			C	0.551	0.287	0.621	88.7	32.6	
Bus22	0.400		A	0	0.025	0.025	0.9	110.0	
			B	0.023	0.008	0.025	94.0	108.4	
			C	0	0.026	0.026	0.9	112.6	
Bus24	33.000		A	0.565	0.285	0.633	89.3	33.2	
			B	0.535	0.302	0.614	87.1	32.3	
			C	0.534	0.263	0.595	89.7	31.2	
Bus25	0.400		A	0.001	0.073	0.073	0.9	319.7	
			B	0	0.052	0.052	1.0	226.3	
			C	0.001	0.066	0.066	1.0	288.3	
Bus26	33.000		A	0.006	0.002	0.006	92.9	0.3	
			B	0.005	0.003	0.006	88.4	0.3	
			C	0.005	0.002	0.005	94.7	0.3	
Bus27	0.400		A	0.006	0.002	0.006	92.0	26.9	
			B	0.005	0.002	0.005	94.0	21.3	
			C	0.006	0.002	0.006	95.0	25.2	
Bus28	33.000		A	0.556	0.211	0.595	93.5	31.3	
			B	0.530	0.235	0.580	91.4	30.5	
			C	0.523	0.201	0.561	93.4	29.4	
Bus30	0.400		A	0.021	0.006	0.022	96.0	95.5	
			B	0.019	0.005	0.019	97.0	82.9	
			C	0.016	0.005	0.017	95.0	74.2	
Bus31	33.000		A	0.537	0.206	0.575	93.4	30.2	
			B	0.511	0.228	0.559	91.3	29.4	
			C	0.506	0.194	0.542	93.3	28.4	
Bus32	33.000		A	0.061	0.017	0.064	96.2	3.3	
			B	0.059	0.026	0.064	91.4	3.4	
			C	0.053	0.020	0.056	93.5	3.0	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus34	0.400		A	0.047	0.014	0.049	96.0	213.4	
			B	0.037	0.012	0.039	95.0	171.8	
			C	0.040	0.013	0.042	95.0	184.9	
Bus35	33.000		A	0.017	0.005	0.018	96.5	0.9	
			B	0.017	0.009	0.019	88.0	1.0	
			C	0.013	0.007	0.015	88.8	0.8	
Bus37	0.400		A	0.020	0.009	0.022	92.0	96.2	
			B	0.015	0.006	0.016	94.0	70.4	
			C	0.011	0.005	0.012	92.0	53.0	
Bus38	33.000		A	0.476	0.189	0.512	93.0	26.9	
			B	0.452	0.202	0.495	91.3	26.0	
			C	0.453	0.174	0.485	93.3	25.5	
Bus41	0.400		A	0.067	0.029	0.073	92.0	318.3	
			B	0.050	0.015	0.052	96.0	225.5	
			C	0.063	0.021	0.066	95.0	287.0	
Bus42	33.000		A	0.090	0.034	0.096	93.6	5.1	
			B	0.077	0.038	0.086	89.7	4.5	
			C	0.080	0.025	0.084	95.5	4.4	
Bus43	33.000		A	0.022	0.008	0.024	93.5	1.3	
			B	0.023	0.010	0.025	92.0	1.3	
			C	0.022	0.009	0.023	92.0	1.2	
Bus44	33.000		A	0.022	0.008	0.024	93.5	1.3	
			B	0.023	0.010	0.025	92.0	1.3	
			C	0.022	0.009	0.023	92.0	1.2	
Bus46	0.400		A	0.017	0.008	0.019	91.0	84.3	
			B	0.017	0.007	0.019	93.0	81.2	
			C	0.017	0.004	0.018	97.0	76.7	
Bus47	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	
Bus51	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	
Bus52	0.400		A	0.004	0.001	0.004	95.0	18.7	
			B	0.006	0.003	0.006	92.0	27.8	
			C	0.004	0.002	0.005	89.0	20.4	
Bus53	33.000		A	0.386	0.155	0.416	92.8	21.8	
			B	0.374	0.164	0.409	91.6	21.5	
			C	0.373	0.150	0.402	92.8	21.1	
Bus54	33.000		A	0.386	0.155	0.416	92.8	21.8	
			B	0.374	0.164	0.409	91.6	21.5	
			C	0.373	0.150	0.402	92.8	21.1	
Bus56	0.400		A	0.006	0.002	0.006	92.0	26.9	
			B	0.005	0.002	0.005	94.0	21.3	
			C	0.006	0.002	0.006	95.0	25.2	

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Bus57	33.000		A	0.380	0.153	0.410	92.8	21.5	
			B	0.369	0.161	0.403	91.7	21.2	
			C	0.368	0.148	0.396	92.8	20.8	
Bus59	0.400		A	0.067	0.029	0.073	92.0	318.4	
			B	0.050	0.014	0.052	96.0	225.5	
			C	0.063	0.021	0.066	95.0	287.1	
Bus60	33.000		A	0.024	0.010	0.026	91.8	1.4	
			B	0.019	0.007	0.020	94.3	1.1	
			C	0.025	0.004	0.025	98.7	1.3	
Bus62	0.400		A	0.020	0.007	0.021	94.0	91.0	
			B	0.019	0.005	0.020	97.0	86.5	
			C	0.029	0.007	0.029	97.0	129.0	
Bus63	33.000		A	0.288	0.117	0.311	92.7	16.3	
			B	0.296	0.126	0.322	92.0	16.9	
			C	0.285	0.128	0.312	91.2	16.4	
Bus64	33.000		A	0.288	0.117	0.311	92.7	16.3	
			B	0.296	0.126	0.322	92.0	16.9	
			C	0.285	0.128	0.312	91.2	16.4	
Bus66	0.400		A	0.040	0.018	0.044	91.0	193.1	
			B	0.036	0.014	0.038	93.0	168.0	
			C	0.037	0.018	0.041	90.0	181.2	
Bus68	0.400		A	0.023	0.009	0.024	93.0	106.0	
			B	0.026	0.007	0.027	97.0	116.4	
			C	0.020	0.006	0.021	96.0	91.6	
Bus69	33.000		A	0.023	0.008	0.024	94.8	1.2	
			B	0.024	0.008	0.025	95.2	1.3	
			C	0.023	0.009	0.025	93.6	1.3	
Bus70	33.000		A	0.227	0.091	0.244	92.8	12.8	
			B	0.235	0.100	0.255	92.1	13.4	
			C	0.223	0.103	0.246	90.9	12.9	
Bus72	0.400		A	0.047	0.014	0.049	96.0	213.4	
			B	0.037	0.012	0.039	95.0	171.9	
			C	0.040	0.013	0.042	95.0	185.0	
Bus73	33.000		A	0.042	0.016	0.045	93.8	2.4	
			B	0.038	0.020	0.043	88.5	2.2	
			C	0.036	0.014	0.039	93.2	2.0	
Bus75	0.400		A	0.020	0.009	0.022	92.0	96.0	
			B	0.015	0.006	0.016	94.0	70.3	
			C	0.011	0.005	0.012	92.0	52.9	
Bus76	33.000		A	0.025	0.011	0.027	91.8	1.4	
			B	0.021	0.011	0.023	89.2	1.2	
			C	0.023	0.007	0.024	95.6	1.3	
Bus78	0.400		A	0.006	0.005	0.008	80.0	34.3	
			B	0.004	0.003	0.005	78.0	23.9	
			C	0.005	0.004	0.007	79.0	29.1	

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Bus79	33.000		A	0.019	0.006	0.020	95.0	1.0	
			B	0.016	0.005	0.017	94.5	0.9	
			C	0.018	0.003	0.018	98.4	1.0	
Bus81	0.400		A	0.018	0.005	0.019	97.0	82.2	
			B	0.014	0.003	0.014	98.0	62.6	
			C	0.020	0.006	0.021	96.0	90.1	
Bus82	33.000		A	0.019	0.006	0.020	95.0	1.0	
			B	0.016	0.005	0.017	94.5	0.9	
			C	0.018	0.003	0.018	98.4	1.0	
Bus83	33.000		A	0.140	0.062	0.154	91.4	8.1	
			B	0.155	0.063	0.167	92.7	8.8	
			C	0.148	0.075	0.166	89.1	8.7	
Bus85	0.400		A	0.018	0.006	0.019	95.0	84.0	
			B	0.018	0.005	0.019	97.0	80.9	
			C	0.017	0.003	0.018	98.0	76.5	
Bus86	33.000		A	0.019	0.005	0.019	96.6	1.0	
			B	0.018	0.006	0.019	94.9	1.0	
			C	0.017	0.005	0.018	96.4	1.0	
Bus87	33.000		A	0.122	0.057	0.135	90.5	7.1	
			B	0.137	0.057	0.149	92.4	7.8	
			C	0.130	0.071	0.148	87.9	7.8	
Bus89	0.400		A	0.019	0.007	0.020	94.0	87.5	
			B	0.013	0.004	0.013	95.0	58.2	
			C	0.014	0.006	0.016	93.0	67.8	
Bus90	33.000		A	0.114	0.058	0.128	89.3	6.7	
			B	0.123	0.064	0.139	88.8	7.3	
			C	0.116	0.069	0.135	86.1	7.1	
Bus92	0.400		A	0.028	0.008	0.029	96.0	126.5	
			B	0.031	0.013	0.034	92.0	146.6	
			C	0.026	0.012	0.029	91.0	125.7	
Bus93	33.000		A	0.088	0.047	0.100	88.1	5.2	
			B	0.092	0.053	0.106	86.7	5.6	
			C	0.085	0.054	0.100	84.5	5.3	
Bus95	0.400		A	0.008	0.003	0.009	92.0	37.8	
			B	0.009	0.004	0.009	91.0	40.8	
			C	0.007	0.004	0.008	88.0	36.5	
Bus96	33.000		A	0.080	0.043	0.091	88.0	4.8	
			B	0.083	0.049	0.097	86.2	5.1	
			C	0.077	0.049	0.091	84.2	4.8	
Bus98	0.400		A	0.021	0.006	0.022	96.0	95.6	
			B	0.018	0.005	0.019	97.0	82.9	
			C	0.016	0.005	0.017	95.0	74.2	
Bus99	33.000		A	0.020	0.025	0.032	62.3	1.7	
			B	0.026	0.024	0.035	72.6	1.9	
			C	0.023	0.030	0.038	62.0	2.0	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus101	0.400		A	0.022	0.022	0.031	71.0	134.8	
			B	0.026	0.026	0.037	70.0	161.4	
			C	0.020	0.027	0.033	60.0	145.7	
Bus102	33.000		A	0.020	0.025	0.032	62.3	1.7	
			B	0.026	0.024	0.035	72.6	1.9	
			C	0.023	0.030	0.038	62.0	2.0	
Bus103	33.000		A	0.041	0.013	0.043	95.3	2.3	
			B	0.038	0.018	0.042	90.7	2.2	
			C	0.036	0.013	0.038	93.8	2.0	
Bus105	0.400		A	0.020	0.009	0.022	92.0	96.3	
			B	0.015	0.006	0.016	94.0	70.5	
			C	0.011	0.005	0.012	92.0	53.0	
Bus106	33.000		A	0.024	0.008	0.025	94.3	1.3	
			B	0.021	0.009	0.023	92.6	1.2	
			C	0.023	0.006	0.023	96.3	1.2	
Bus108	0.400		A	0.022	0.007	0.023	95.0	100.6	
			B	0.020	0.008	0.022	93.0	94.5	
			C	0.025	0.006	0.026	97.0	114.1	
Bus113	33.000		A	0.009	0.006	0.011	84.8	0.6	
			B	0.001	0.015	0.015	5.4	0.8	
			C	0.003	0.003	0.004	68.3	0.2	
Bus114	33.000		A	0.025	0.015	0.029	85.0	1.5	
			B	0.020	0.019	0.028	71.7	1.5	
			C	0.022	0.013	0.026	85.5	1.3	
Bus116	0.400		A	0.006	0.003	0.007	92.0	30.4	
			B	0.012	0.005	0.013	93.0	55.6	
			C	0.014	0.006	0.015	92.0	64.8	
Bus119	0.400		A	0.007	0.002	0.007	95.0	32.1	
			B	0.011	0.003	0.011	96.0	49.5	
			C	0.006	0.003	0.007	89.0	29.5	
Bus120	33.000		A	0.006	0.003	0.007	91.4	0.4	
			B	0.009	0.002	0.010	97.7	0.5	
			C	0.009	0.005	0.010	86.4	0.5	
Bus121	33.000		A	0.052	0.024	0.057	90.7	3.0	
			B	0.050	0.030	0.058	86.2	3.1	
			C	0.047	0.025	0.053	87.8	2.8	
Bus124	33.000		A	0.027	0.009	0.029	95.3	1.5	
			B	0.030	0.010	0.032	94.8	1.7	
			C	0.027	0.012	0.030	91.5	1.6	
Bus125	0.400		A	0.029	0.007	0.030	97.0	129.2	
			B	0.029	0.011	0.031	93.0	135.8	
			C	0.027	0.010	0.028	94.0	123.1	
Bus126	33.000		A	0.076	0.034	0.083	91.5	4.4	
			B	0.074	0.039	0.084	88.5	4.4	
			C	0.071	0.034	0.079	89.9	4.1	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus127	33.000		A	0.088	0.038	0.096	91.8	5.0	
			B	0.089	0.040	0.097	91.1	5.1	
			C	0.087	0.040	0.095	90.8	5.0	
Bus129	0.400		A	0.010	0.003	0.010	96.0	43.9	
			B	0.019	0.004	0.019	98.0	83.9	
			C	0.013	0.003	0.014	98.0	59.5	
Bus132	33.000		A	0.100	0.045	0.110	91.3	5.8	
			B	0.100	0.044	0.109	91.7	5.7	
			C	0.101	0.044	0.110	91.7	5.8	
Bus133	0.400		A	0.010	0.004	0.010	92.0	45.6	
			B	0.013	0.004	0.013	96.0	58.2	
			C	0.016	0.005	0.016	95.0	71.3	
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	0.100	0.045	0.110	91.3	5.8	
			B	0.100	0.044	0.109	91.7	5.7	
			C	0.101	0.044	0.110	91.7	5.8	
Bus138	33.000		A	0.124	0.057	0.137	90.9	7.2	
			B	0.124	0.057	0.137	90.8	7.2	
			C	0.124	0.057	0.137	90.9	7.2	
Bus139	0.400		A	0.025	0.013	0.028	88.0	122.2	
			B	0.024	0.012	0.027	89.0	117.8	
			C	0.022	0.011	0.025	89.0	109.0	
Bus142	33.000		A	0.024	0.010	0.026	92.9	1.4	
			B	0.024	0.009	0.025	93.0	1.3	
			C	0.024	0.009	0.026	93.5	1.4	
Bus143	0.400		A	0.024	0.009	0.025	94.0	109.8	
			B	0.023	0.008	0.025	94.0	108.5	
			C	0.024	0.009	0.026	94.0	112.4	
Bus145	33.000		A	0.216	0.082	0.231	93.4	12.1	
			B	0.207	0.097	0.229	90.6	12.0	
			C	0.199	0.083	0.215	92.3	11.3	
Bus146	33.000		A	0.216	0.082	0.231	93.4	12.1	
			B	0.207	0.097	0.229	90.6	12.0	
			C	0.199	0.083	0.215	92.3	11.3	
Bus148	0.400		A	0.019	0.009	0.021	90.2	91.9	
			B	0.020	0.011	0.022	87.7	97.7	
			C	0.018	0.010	0.021	86.3	90.4	
Bus150	0.400		A	0.006	0.002	0.006	94.2	26.6	
			B	0.005	0.002	0.005	90.1	23.7	
			C	0.005	0.001	0.005	96.0	23.0	
Bus151	33.000		A	0.006	0.002	0.006	94.4	0.3	
			B	0.006	0.003	0.006	88.8	0.3	
			C	0.005	0.002	0.005	90.5	0.3	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus152	33.000		A	0.037	0.013	0.039	94.2	2.1	
			B	0.032	0.017	0.036	88.0	1.9	
			C	0.031	0.011	0.033	94.0	1.7	
Bus154	0.400		A	0.002	0.001	0.003	91.1	11.9	
			B	0.002	0.001	0.002	89.3	8.1	
			C	0.002	0	0.002	99.3	10.2	
Bus155	33.000		A	0.034	0.012	0.036	94.3	1.9	
			B	0.030	0.016	0.034	88.6	1.8	
			C	0.029	0.010	0.031	94.1	1.6	
Bus157	0.400		A	0.006	0.002	0.006	94.2	26.6	
			B	0.005	0.002	0.005	90.1	23.7	
			C	0.005	0.001	0.005	96.0	23.0	
Bus158	33.000		A	0.028	0.010	0.030	94.2	1.6	
			B	0.024	0.013	0.028	88.5	1.4	
			C	0.024	0.008	0.025	94.8	1.3	
Bus159	33.000		A	0.028	0.010	0.030	94.2	1.6	
			B	0.024	0.013	0.028	88.5	1.4	
			C	0.024	0.008	0.025	94.8	1.3	
Bus160	33.000		A	0.028	0.010	0.030	94.2	1.6	
			B	0.024	0.013	0.028	88.5	1.4	
			C	0.024	0.008	0.025	94.8	1.3	
Bus162	0.400		A	0.012	0.004	0.013	95.0	56.5	
			B	0.007	0.003	0.008	93.0	34.7	
			C	0.011	0.003	0.012	97.0	50.8	
Bus163	33.000		A	0.016	0.006	0.017	92.8	0.9	
			B	0.015	0.007	0.017	89.2	0.9	
			C	0.015	0.006	0.016	92.7	0.8	
Bus165	0.400		A	0.012	0.005	0.013	93.0	56.5	
			B	0.007	0.003	0.008	92.0	34.7	
			C	0.011	0.004	0.012	95.0	50.8	
Bus166	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	
Bus167	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	
Bus168	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	
Bus170	0.400		A	0.004	0.001	0.004	95.0	18.7	
			B	0.006	0.003	0.006	92.0	27.8	
			C	0.004	0.002	0.005	89.0	20.4	
Bus171	33.000		A	0.004	0.002	0.004	89.0	0.2	
			B	0.005	0.002	0.006	95.5	0.3	
			C	0.005	0.003	0.006	85.0	0.3	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus172	33.000		A	0.155	0.057	0.165	93.8	8.7	
			B	0.150	0.066	0.164	91.4	8.6	
			C	0.144	0.057	0.155	92.9	8.2	
Bus173	33.000		A	0.155	0.057	0.165	93.8	8.7	
			B	0.150	0.066	0.164	91.4	8.6	
			C	0.144	0.057	0.155	92.9	8.2	
Bus175	0.400		A	0.019	0.006	0.020	96.0	88.6	
			B	0.015	0.007	0.017	92.0	73.3	
			C	0.018	0.006	0.019	95.0	85.1	
Bus176	33.000		A	0.136	0.051	0.145	93.6	7.6	
			B	0.132	0.059	0.144	91.4	7.6	
			C	0.127	0.052	0.137	92.7	7.2	
Bus178	0.400		A	0.014	0.004	0.014	95.2	62.3	
			B	0.013	0.005	0.014	94.4	62.0	
			C	0.013	0.004	0.014	95.0	60.8	
Bus179	33.000		A	0.014	0.005	0.014	94.5	0.8	
			B	0.014	0.005	0.015	94.0	0.8	
			C	0.013	0.005	0.014	93.7	0.7	
Bus180	33.000		A	0.122	0.046	0.131	93.5	6.9	
			B	0.118	0.054	0.130	91.1	6.8	
			C	0.114	0.047	0.123	92.6	6.5	
Bus181	33.000		A	0.030	0.010	0.032	95.0	1.7	
			B	0.024	0.016	0.029	83.4	1.5	
			C	0.022	0.007	0.023	94.7	1.2	
Bus183	0.400		A	0.018	0.009	0.020	89.9	89.0	
			B	0.012	0.007	0.014	86.7	60.7	
			C	0.017	0.002	0.017	99.0	74.9	
Bus184	33.000		A	0.010	0.004	0.011	93.2	0.6	
			B	0.009	0.005	0.011	85.6	0.6	
			C	0.008	0.004	0.009	91.8	0.5	
Bus185	33.000		A	0.010	0.004	0.011	93.2	0.6	
			B	0.009	0.005	0.011	85.6	0.6	
			C	0.008	0.004	0.009	91.8	0.5	
Bus188	0.400		A	0.006	0.002	0.006	94.2	26.6	
			B	0.005	0.002	0.005	90.1	23.8	
			C	0.005	0.001	0.005	96.0	23.0	
Bus189	33.000		A	0.005	0.002	0.005	91.6	0.3	
			B	0.003	0.003	0.004	80.4	0.2	
			C	0.004	0.001	0.004	93.5	0.2	
Bus191	0.400		A	0.005	0.002	0.005	94.0	22.6	
			B	0.002	0.001	0.002	91.0	10.8	
			C	0.004	0.002	0.004	91.0	19.5	
Bus192	33.000		A	0.005	0.002	0.005	91.6	0.3	
			B	0.003	0.003	0.004	80.4	0.2	
			C	0.004	0.001	0.004	93.5	0.2	

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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	0.077	0.031	0.083	92.6	4.4	
			B	0.072	0.033	0.079	90.7	4.2	
			C	0.073	0.028	0.078	93.4	4.1	
Bus195	33.000		A	0.077	0.031	0.083	92.6	4.4	
			B	0.072	0.033	0.079	90.7	4.2	
			C	0.073	0.028	0.078	93.4	4.1	
Bus196	33.000		A	0.077	0.031	0.083	92.6	4.4	
			B	0.072	0.033	0.079	90.7	4.2	
			C	0.073	0.028	0.078	93.4	4.1	
Bus197	33.000		A	0.077	0.031	0.083	92.6	4.4	
			B	0.072	0.033	0.079	90.7	4.2	
			C	0.073	0.028	0.078	93.4	4.1	
Bus198	33.000		A	0.039	0.017	0.043	91.4	2.2	
			B	0.038	0.019	0.043	89.3	2.2	
			C	0.037	0.018	0.041	90.4	2.1	
Bus200	0.400		A	0.039	0.017	0.042	91.3	185.8	
			B	0.037	0.018	0.041	90.3	178.0	
			C	0.038	0.016	0.041	92.3	178.4	
Bus201	33.000		A	0.004	0.003	0.005	81.5	0.3	
			B	0.005	0.002	0.005	94.5	0.3	
			C	0.006	0.003	0.006	90.6	0.3	
Bus203	0.400		A	0.004	0.002	0.004	91.1	18.6	
			B	0.005	0.001	0.006	96.7	23.9	
			C	0.005	0.003	0.006	86.8	24.6	
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	0.019	0.002	0.019	99.5	80.9	
			B	0.023	0.008	0.024	94.2	104.8	
			C	0.015	0.009	0.017	86.9	75.6	
Bus209	33.000		A	0.038	0.014	0.041	93.8	2.1	
			B	0.034	0.014	0.036	92.2	1.9	
			C	0.036	0.010	0.037	96.1	2.0	
Bus211	0.400		A	0.032	0.012	0.034	93.3	147.7	
			B	0.028	0.009	0.029	95.4	127.9	
			C	0.033	0.007	0.034	97.6	146.5	

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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	611.3	
			B	0.127	0.061	0.141	90.0	610.2	
			C	0.127	0.061	0.141	90.1	611.0	
Bus213	33.000		A	0.124	0.057	0.137	90.9	7.2	
			B	0.124	0.057	0.137	90.8	7.2	
			C	0.124	0.057	0.137	90.9	7.2	

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