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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	1.943	0.345	1.973	98.5	103.6	
			B	1.858	0.433	1.908	97.4	100.2	
			C	1.826	0.318	1.853	98.5	97.2	
Bus2	33.000		A	1.943	0.345	1.973	98.5	103.6	
			B	1.858	0.433	1.908	97.4	100.2	
			C	1.826	0.318	1.853	98.5	97.2	
Bus3	33.000		A	0.660	0.124	0.671	98.3	35.2	
			B	0.614	0.157	0.634	96.9	33.3	
			C	0.609	0.102	0.617	98.6	32.4	
Bus4	33.000		A	0.660	0.124	0.671	98.3	35.2	
			B	0.614	0.157	0.634	96.9	33.3	
			C	0.609	0.102	0.617	98.6	32.4	
Bus5	0.400		A	0.029	0.009	0.030	96.0	132.9	
			B	0.030	0.010	0.032	95.0	139.1	
			C	0.027	0.010	0.029	94.0	126.4	
Bus6	33.000		A	0.632	0.114	0.642	98.4	33.7	
			B	0.584	0.147	0.602	97.0	31.6	
			C	0.580	0.090	0.587	98.8	30.8	
Bus7	33.000		A	0.631	0.114	0.642	98.4	33.7	
			B	0.583	0.147	0.602	97.0	31.6	
			C	0.580	0.090	0.587	98.8	30.8	
Bus8	0.400		A	0.065	0.016	0.067	97.0	290.5	
			B	0.062	0.013	0.063	98.0	275.1	
			C	0.087	0.012	0.088	99.0	382.0	
Bus9	33.000		A	0.554	0.091	0.562	98.7	29.5	
			B	0.521	0.130	0.537	97.0	28.2	
			C	0.505	0.082	0.511	98.7	26.8	
Bus10	33.000		A	0.127	0.022	0.129	98.6	6.8	
			B	0.121	0.026	0.124	97.7	6.5	
			C	0.120	0.018	0.121	98.8	6.4	
Bus11	33.000		A	0.014	0.003	0.014	97.4	0.8	
			B	0.012	0.001	0.012	99.5	0.6	
			C	0.015	0.001	0.015	99.9	0.8	
Bus12	0.400		A	0.013	0.002	0.013	99.0	55.3	
			B	0.013	0	0.013	100.0	54.8	
			C	0.016	0.002	0.016	99.0	68.8	
Bus13	33.000		A	0.113	0.018	0.115	98.7	6.0	
			B	0.109	0.025	0.111	97.4	5.9	
			C	0.105	0.018	0.106	98.6	5.6	
Bus14	0.400		A	0.023	0.003	0.024	98.9	103.7	
			B	0.018	0.006	0.019	94.5	84.2	
			C	0.019	0	0.019	100.0	80.7	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus15	33.000		A	0.091	0.017	0.093	98.3	4.9	
			B	0.087	0.018	0.089	97.9	4.7	
			C	0.088	0.014	0.089	98.8	4.7	
Bus17	33.000		A	0.024	0.006	0.025	97.0	1.3	
			B	0.022	0.003	0.023	99.0	1.2	
			C	0.026	0.003	0.026	99.3	1.4	
Bus18	33.000		A	0.024	0.006	0.025	97.0	1.3	
			B	0.022	0.003	0.023	99.0	1.2	
			C	0.026	0.003	0.026	99.3	1.4	
Bus19	0.400		A	0.021	0.003	0.021	99.0	92.2	
			B	0.023	0.003	0.024	99.0	102.7	
			C	0.027	0.004	0.028	99.0	120.5	
Bus20	0.400		A	0.067	0.010	0.068	99.0	296.3	
			B	0.059	0.012	0.061	98.0	264.9	
			C	0.066	0.009	0.066	99.0	290.4	
Bus21	33.000		A	1.283	0.221	1.302	98.6	68.3	
			B	1.243	0.276	1.274	97.6	66.9	
			C	1.217	0.216	1.236	98.5	64.8	
Bus22	0.400		A	0.044	0.009	0.045	98.0	199.2	
			B	0.040	0.006	0.040	99.0	175.3	
			C	0.030	0.006	0.031	98.0	135.4	
Bus24	33.000		A	1.243	0.216	1.262	98.5	66.3	
			B	1.201	0.266	1.230	97.6	64.7	
			C	1.180	0.206	1.198	98.5	62.9	
Bus25	0.400		A	0.101	0.030	0.106	96.0	462.1	
			B	0.078	0.011	0.079	99.0	342.9	
			C	0.100	0.020	0.102	98.0	443.8	
Bus26	33.000		A	0.014	0.003	0.014	97.4	0.8	
			B	0.012	0.001	0.012	99.5	0.6	
			C	0.015	0.001	0.015	99.9	0.8	
Bus27	0.400		A	0.013	0.002	0.013	99.0	55.3	
			B	0.013	0	0.013	100.0	54.8	
			C	0.016	0.002	0.016	99.0	68.8	
Bus28	33.000		A	1.125	0.185	1.140	98.7	59.9	
			B	1.104	0.234	1.129	97.8	59.4	
			C	1.073	0.193	1.090	98.4	57.3	
Bus30	0.400		A	0.039	0.006	0.039	99.0	171.7	
			B	0.036	0.005	0.036	99.0	156.9	
			C	0.027	0.004	0.027	99.0	117.2	
Bus31	33.000		A	1.091	0.182	1.106	98.6	58.1	
			B	1.067	0.227	1.091	97.8	57.3	
			C	1.042	0.185	1.058	98.5	55.6	
Bus32	33.000		A	0.113	0.009	0.113	99.7	6.0	
			B	0.113	0.030	0.117	96.6	6.2	
			C	0.095	0.020	0.097	97.8	5.1	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus34	0.400		A	0.090	0.013	0.091	99.0	400.8	
			B	0.068	0.010	0.068	99.0	299.3	
			C	0.068	0.010	0.069	99.0	300.1	
Bus35	33.000		A	0.032	0.002	0.032	99.8	1.7	
			B	0.035	0.009	0.036	96.5	1.9	
			C	0.027	0.008	0.028	95.5	1.5	
Bus37	0.400		A	0.039	0.008	0.040	98.0	175.5	
			B	0.032	0.005	0.032	99.0	141.2	
			C	0.021	0.004	0.022	98.0	95.2	
Bus38	33.000		A	0.978	0.173	0.993	98.5	52.2	
			B	0.953	0.197	0.974	97.9	51.2	
			C	0.947	0.165	0.961	98.5	50.5	
Bus41	0.400		A	0.101	0.030	0.106	96.0	462.3	
			B	0.078	0.011	0.079	99.0	343.0	
			C	0.100	0.020	0.102	98.0	444.0	
Bus42	33.000		A	0.154	0.035	0.158	97.5	8.3	
			B	0.137	0.039	0.142	96.2	7.5	
			C	0.142	0.022	0.144	98.8	7.6	
Bus43	33.000		A	0.050	0.008	0.051	98.9	2.7	
			B	0.052	0.009	0.053	98.6	2.8	
			C	0.050	0.010	0.051	98.1	2.7	
Bus44	33.000		A	0.050	0.008	0.051	98.9	2.7	
			B	0.052	0.009	0.053	98.6	2.8	
			C	0.050	0.010	0.051	98.1	2.7	
Bus46	0.400		A	0.038	0.005	0.038	99.0	169.1	
			B	0.039	0.006	0.040	99.0	176.6	
			C	0.038	0.005	0.038	99.0	168.1	
Bus47	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	
Bus51	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	
Bus52	0.400		A	0.013	0.002	0.013	99.0	58.4	
			B	0.012	0.002	0.012	99.0	53.5	
			C	0.010	0.001	0.010	99.0	42.6	
Bus53	33.000		A	0.824	0.138	0.835	98.6	43.9	
			B	0.817	0.158	0.832	98.2	43.7	
			C	0.804	0.142	0.817	98.5	42.9	
Bus54	33.000		A	0.824	0.138	0.835	98.6	43.9	
			B	0.817	0.158	0.832	98.2	43.7	
			C	0.804	0.142	0.817	98.5	42.9	
Bus56	0.400		A	0.013	0.002	0.013	99.0	55.3	
			B	0.013	0	0.013	100.0	54.8	
			C	0.016	0.002	0.016	99.0	68.8	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus57	33.000		A	0.810	0.134	0.821	98.7	43.2	
			B	0.804	0.156	0.819	98.2	43.1	
			C	0.789	0.142	0.802	98.4	42.1	
Bus59	0.400		A	0.101	0.030	0.105	96.0	462.4	
			B	0.078	0.011	0.079	99.0	343.1	
			C	0.100	0.020	0.102	98.0	444.1	
Bus60	33.000		A	0.046	0.004	0.046	99.7	2.4	
			B	0.044	0	0.044	100.0	2.3	
			C	0.049	0.001	0.049	100.0	2.5	
Bus62	0.400		A	0.042	0	0.042	100.0	182.6	
			B	0.046	0	0.046	100.0	202.3	
			C	0.050	0	0.050	100.0	217.1	
Bus63	33.000		A	0.660	0.103	0.668	98.8	35.1	
			B	0.675	0.126	0.687	98.3	36.1	
			C	0.648	0.129	0.661	98.1	34.7	
Bus64	33.000		A	0.660	0.103	0.668	98.8	35.1	
			B	0.675	0.126	0.687	98.3	36.1	
			C	0.648	0.129	0.661	98.1	34.7	
Bus66	0.400		A	0.079	0.016	0.080	98.0	353.0	
			B	0.061	0.012	0.062	98.0	270.7	
			C	0.068	0.017	0.070	97.0	306.8	
Bus68	0.400		A	0.034	0.007	0.034	98.0	150.1	
			B	0.033	0.005	0.034	99.0	146.1	
			C	0.030	0.004	0.030	99.0	131.6	
Bus69	33.000		A	0.033	0.005	0.033	98.7	1.8	
			B	0.033	0.007	0.034	97.9	1.8	
			C	0.032	0.006	0.032	98.0	1.7	
Bus70	33.000		A	0.553	0.082	0.559	98.9	29.4	
			B	0.573	0.097	0.581	98.6	30.6	
			C	0.550	0.108	0.561	98.1	29.5	
Bus72	0.400		A	0.090	0.013	0.091	99.0	401.1	
			B	0.068	0.010	0.068	99.0	299.5	
			C	0.068	0.010	0.069	99.0	300.3	
Bus73	33.000		A	0.087	0.010	0.088	99.4	4.6	
			B	0.087	0.018	0.089	97.8	4.7	
			C	0.080	0.014	0.081	98.5	4.2	
Bus75	0.400		A	0.040	0.006	0.040	99.0	174.9	
			B	0.032	0.006	0.032	98.0	140.9	
			C	0.021	0.004	0.022	98.0	95.1	
Bus76	33.000		A	0.056	0.009	0.057	98.7	3.0	
			B	0.051	0.009	0.052	98.5	2.7	
			C	0.053	0.005	0.054	99.6	2.8	
Bus78	0.400		A	0.021	0.003	0.021	99.0	93.1	
			B	0.015	0.002	0.015	99.0	65.2	
			C	0.017	0.002	0.017	99.0	76.1	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus79	33.000		A	0.036	0.007	0.037	98.3	1.9	
			B	0.033	0.004	0.033	99.3	1.7	
			C	0.037	0.002	0.037	99.8	2.0	
Bus81	0.400		A	0.035	0.005	0.035	99.0	154.9	
			B	0.033	0	0.033	100.0	144.6	
			C	0.037	0.005	0.038	99.0	164.4	
Bus82	33.000		A	0.036	0.007	0.037	98.3	1.9	
			B	0.033	0.004	0.033	99.3	1.7	
			C	0.037	0.002	0.037	99.8	2.0	
Bus83	33.000		A	0.385	0.064	0.390	98.6	20.5	
			B	0.408	0.058	0.412	99.0	21.7	
			C	0.402	0.082	0.411	98.0	21.6	
Bus85	0.400		A	0.038	0	0.038	100.0	167.8	
			B	0.040	0	0.040	100.0	175.2	
			C	0.038	0.005	0.038	99.0	167.1	
Bus86	33.000		A	0.037	0.004	0.037	99.5	1.9	
			B	0.040	0.001	0.040	100.0	2.1	
			C	0.041	0.005	0.041	99.4	2.2	
Bus87	33.000		A	0.348	0.061	0.353	98.5	18.6	
			B	0.368	0.057	0.373	98.8	19.6	
			C	0.361	0.077	0.370	97.8	19.4	
Bus89	0.400		A	0.042	0.006	0.043	99.0	187.8	
			B	0.030	0.004	0.031	99.0	134.7	
			C	0.036	0.007	0.037	98.0	161.0	
Bus90	33.000		A	0.308	0.060	0.314	98.1	16.5	
			B	0.332	0.064	0.338	98.2	17.8	
			C	0.327	0.076	0.336	97.4	17.6	
Bus92	0.400		A	0.052	0.007	0.052	99.0	229.6	
			B	0.057	0.011	0.058	98.0	252.9	
			C	0.062	0.013	0.063	98.0	277.3	
Bus93	33.000		A	0.164	0.046	0.170	96.3	8.9	
			B	0.178	0.055	0.187	95.6	9.8	
			C	0.163	0.063	0.175	93.3	9.2	
Bus95	0.400		A	0.029	0.008	0.030	96.0	133.1	
			B	0.030	0.010	0.032	95.0	139.3	
			C	0.027	0.010	0.029	94.0	126.5	
Bus96	33.000		A	0.136	0.036	0.140	96.6	7.4	
			B	0.148	0.045	0.155	95.7	8.1	
			C	0.135	0.052	0.144	93.4	7.6	
Bus98	0.400		A	0.039	0.006	0.039	99.0	171.9	
			B	0.036	0.005	0.036	99.0	157.0	
			C	0.027	0.004	0.027	99.0	117.3	
Bus99	33.000		A	0.031	0.023	0.039	79.3	2.0	
			B	0.036	0.023	0.043	84.6	2.3	
			C	0.034	0.028	0.044	76.7	2.3	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus101	0.400		A	0.032	0.019	0.038	86.0	164.5	
			B	0.036	0.026	0.044	81.0	194.2	
			C	0.032	0.025	0.041	78.0	177.6	
Bus102	33.000		A	0.031	0.023	0.039	79.3	2.0	
			B	0.036	0.023	0.043	84.6	2.3	
			C	0.034	0.028	0.044	76.7	2.3	
Bus103	33.000		A	0.071	0.011	0.072	98.9	3.8	
			B	0.074	0.015	0.076	98.1	4.0	
			C	0.070	0.015	0.071	97.7	3.7	
Bus105	0.400		A	0.039	0.008	0.040	98.0	175.7	
			B	0.032	0.005	0.032	99.0	141.3	
			C	0.021	0.004	0.022	98.0	95.3	
Bus106	33.000		A	0.040	0.009	0.041	97.6	2.1	
			B	0.039	0.005	0.040	99.2	2.1	
			C	0.043	0.007	0.043	98.7	2.3	
Bus108	0.400		A	0.036	0.005	0.036	99.0	159.3	
			B	0.041	0.006	0.042	99.0	183.4	
			C	0.043	0.006	0.044	99.0	191.3	
Bus113	33.000		A	0.089	0.006	0.089	99.8	4.7	
			B	0.098	0.017	0.099	98.6	5.2	
			C	0.103	0.003	0.103	99.9	5.4	
Bus114	33.000		A	0.089	0.015	0.090	98.5	4.7	
			B	0.098	0.019	0.100	98.1	5.3	
			C	0.103	0.015	0.104	99.0	5.5	
Bus116	0.400		A	0.017	0.002	0.017	99.0	75.7	
			B	0.023	0.003	0.023	99.0	100.1	
			C	0.026	0.005	0.027	98.0	118.1	
Bus119	0.400		A	0.016	0.002	0.016	99.0	70.5	
			B	0.027	0.004	0.027	99.0	117.6	
			C	0.014	0.003	0.014	98.0	61.7	
Bus120	33.000		A	0.015	0.002	0.015	98.7	0.8	
			B	0.022	0.001	0.022	100.0	1.2	
			C	0.020	0.008	0.022	93.5	1.1	
Bus121	33.000		A	0.058	0.026	0.063	91.4	3.3	
			B	0.057	0.031	0.065	87.7	3.4	
			C	0.058	0.025	0.063	91.6	3.3	
Bus124	33.000		A	0.058	0.010	0.059	98.4	3.1	
			B	0.057	0.012	0.058	97.9	3.1	
			C	0.056	0.010	0.057	98.4	3.0	
Bus125	0.400		A	0.060	0.009	0.061	99.0	266.3	
			B	0.053	0.008	0.054	99.0	234.6	
			C	0.056	0.011	0.057	98.0	248.7	
Bus126	33.000		A	0.044	0.030	0.053	82.2	2.8	
			B	0.043	0.041	0.059	71.9	3.1	
			C	0.035	0.035	0.050	71.2	2.6	

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Bus			Bus Load						
ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus127	33.000		A	0.067	0.035	0.075	88.7	4.0	
			B	0.068	0.041	0.079	85.4	4.2	
			C	0.064	0.038	0.074	86.2	3.9	
Bus129	0.400		A	0.018	0.003	0.018	99.0	77.9	
			B	0.033	0	0.033	100.0	145.0	
			C	0.027	0	0.027	100.0	117.0	
Bus132	33.000		A	0.088	0.041	0.097	90.4	5.1	
			B	0.086	0.040	0.095	90.6	5.0	
			C	0.088	0.040	0.097	91.0	5.1	
Bus133	0.400		A	0.016	0.002	0.016	99.0	70.5	
			B	0.021	0.003	0.021	99.0	91.4	
			C	0.026	0.004	0.027	99.0	115.8	
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	0.088	0.041	0.097	90.4	5.1	
			B	0.086	0.040	0.095	90.6	5.0	
			C	0.088	0.040	0.097	91.0	5.1	
Bus138	33.000		A	0.125	0.057	0.137	90.9	7.2	
			B	0.124	0.058	0.137	90.7	7.2	
			C	0.124	0.057	0.137	90.9	7.2	
Bus139	0.400		A	0.040	0.018	0.044	91.0	192.9	
			B	0.038	0.013	0.040	95.0	177.2	
			C	0.032	0.015	0.035	90.0	155.2	
Bus142	33.000		A	0.039	0.005	0.039	99.3	2.1	
			B	0.041	0.010	0.043	97.2	2.2	
			C	0.035	0.010	0.037	96.5	1.9	
Bus143	0.400		A	0.044	0.009	0.045	98.0	199.5	
			B	0.040	0.006	0.040	99.0	175.5	
			C	0.030	0.006	0.031	98.0	135.6	
Bus145	33.000		A	0.427	0.069	0.432	98.7	22.7	
			B	0.400	0.103	0.413	96.8	21.7	
			C	0.385	0.064	0.390	98.7	20.5	
Bus146	33.000		A	0.427	0.069	0.432	98.7	22.7	
			B	0.400	0.103	0.413	96.8	21.7	
			C	0.385	0.064	0.390	98.7	20.5	
Bus148	0.400		A	0.035	0.010	0.037	96.0	161.2	
			B	0.035	0.008	0.035	97.5	155.1	
			C	0.037	0.008	0.038	97.6	166.2	
Bus150	0.400		A	0.014	0.003	0.014	97.9	62.0	
			B	0.012	0.001	0.012	99.7	52.6	
			C	0.015	0	0.015	100.0	64.1	
Bus151	33.000		A	0.015	0.002	0.015	98.9	0.8	
			B	0.013	0.003	0.013	97.4	0.7	
			C	0.013	0	0.013	100.0	0.7	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus152	33.000		A	0.079	0.012	0.080	98.9	4.2	
			B	0.067	0.020	0.070	95.9	3.7	
			C	0.066	0.006	0.066	99.6	3.5	
Bus154	0.400		A	0.005	0.001	0.005	98.6	21.3	
			B	0.004	0.001	0.004	97.9	18.5	
			C	0.004	0	0.004	99.8	19.4	
Bus155	33.000		A	0.074	0.011	0.075	99.0	3.9	
			B	0.063	0.019	0.065	95.9	3.4	
			C	0.062	0.005	0.062	99.7	3.3	
Bus157	0.400		A	0.014	0.003	0.014	97.9	62.0	
			B	0.012	0.001	0.012	99.7	52.6	
			C	0.015	0	0.015	100.0	64.1	
Bus158	33.000		A	0.059	0.008	0.060	99.0	3.1	
			B	0.050	0.016	0.052	95.5	2.8	
			C	0.048	0.004	0.049	99.6	2.6	
Bus159	33.000		A	0.059	0.008	0.060	99.0	3.1	
			B	0.050	0.016	0.052	95.5	2.8	
			C	0.048	0.004	0.049	99.6	2.6	
Bus160	33.000		A	0.059	0.008	0.060	99.0	3.1	
			B	0.050	0.016	0.052	95.5	2.8	
			C	0.048	0.004	0.049	99.6	2.6	
Bus162	0.400		A	0.024	0.003	0.024	99.0	106.6	
			B	0.014	0.002	0.014	99.0	62.6	
			C	0.022	0.003	0.022	99.0	97.4	
Bus163	33.000		A	0.035	0.005	0.036	99.0	1.9	
			B	0.031	0.009	0.033	95.8	1.7	
			C	0.030	0.004	0.030	99.3	1.6	
Bus165	0.400		A	0.024	0.005	0.024	98.0	106.7	
			B	0.014	0.002	0.014	99.0	62.6	
			C	0.022	0.003	0.022	99.0	97.4	
Bus166	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	
Bus167	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	
Bus168	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	
Bus170	0.400		A	0.013	0.002	0.013	99.0	58.3	
			B	0.012	0.002	0.012	99.0	53.5	
			C	0.010	0.001	0.010	99.0	42.6	
Bus171	33.000		A	0.012	0.001	0.012	99.7	0.6	
			B	0.013	0.002	0.013	98.1	0.7	
			C	0.011	0.003	0.011	97.2	0.6	

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ID	kV	Rated Amp	Phase	MW	Mvar	MVA	% PF	Amp	% Loading
Bus172	33.000		A	0.295	0.045	0.299	98.9	15.7	
			B	0.286	0.070	0.294	97.1	15.5	
			C	0.269	0.049	0.274	98.4	14.4	
Bus173	33.000		A	0.295	0.045	0.299	98.9	15.7	
			B	0.286	0.070	0.294	97.1	15.5	
			C	0.269	0.049	0.273	98.4	14.4	
Bus175	0.400		A	0.019	0.005	0.020	96.6	88.7	
			B	0.015	0.007	0.017	92.1	73.3	
			C	0.019	0.006	0.019	95.5	85.1	
Bus176	33.000		A	0.276	0.039	0.279	99.0	14.7	
			B	0.268	0.062	0.275	97.4	14.5	
			C	0.252	0.044	0.256	98.5	13.4	
Bus178	0.400		A	0.029	0.005	0.029	98.6	129.3	
			B	0.027	0.004	0.028	98.8	121.5	
			C	0.029	0.003	0.029	99.4	127.0	
Bus179	33.000		A	0.030	0.005	0.030	98.8	1.6	
			B	0.028	0.006	0.029	97.9	1.5	
			C	0.028	0.004	0.028	99.0	1.5	
Bus180	33.000		A	0.246	0.034	0.249	99.1	13.1	
			B	0.239	0.056	0.246	97.3	12.9	
			C	0.224	0.040	0.227	98.5	11.9	
Bus181	33.000		A	0.065	0.004	0.065	99.8	3.4	
			B	0.055	0.016	0.057	96.1	3.0	
			C	0.049	0.002	0.050	99.9	2.6	
Bus183	0.400		A	0.037	0.008	0.037	97.9	164.1	
			B	0.023	0.007	0.024	96.4	106.6	
			C	0.031	0.004	0.032	99.0	138.1	
Bus184	33.000		A	0.027	0.003	0.027	99.4	1.4	
			B	0.025	0.004	0.025	98.8	1.3	
			C	0.025	0.002	0.025	99.8	1.3	
Bus185	33.000		A	0.027	0.003	0.027	99.4	1.4	
			B	0.025	0.004	0.025	98.8	1.3	
			C	0.025	0.002	0.025	99.8	1.3	
Bus188	0.400		A	0.014	0.003	0.014	97.9	62.0	
			B	0.012	0.001	0.012	99.7	52.6	
			C	0.015	0	0.015	100.0	64.2	
Bus189	33.000		A	0.011	0.001	0.011	99.9	0.6	
			B	0.012	0.001	0.012	99.7	0.6	
			C	0.011	0.001	0.012	99.3	0.6	
Bus191	0.400		A	0.013	0	0.013	100.0	56.0	
			B	0.011	0	0.011	100.0	48.6	
			C	0.011	0.002	0.011	99.0	46.9	
Bus192	33.000		A	0.011	0.001	0.011	99.9	0.6	
			B	0.012	0.001	0.012	99.7	0.6	
			C	0.011	0.001	0.012	99.3	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	0.145	0.024	0.147	98.7	7.7	
			B	0.142	0.037	0.147	96.8	7.7	
			C	0.133	0.028	0.136	97.8	7.1	
Bus195	33.000		A	0.145	0.024	0.147	98.7	7.7	
			B	0.142	0.037	0.147	96.8	7.7	
			C	0.133	0.028	0.136	97.8	7.1	
Bus196	33.000		A	0.145	0.024	0.147	98.7	7.7	
			B	0.142	0.037	0.147	96.8	7.7	
			C	0.133	0.028	0.136	97.8	7.1	
Bus197	33.000		A	0.145	0.024	0.147	98.7	7.7	
			B	0.142	0.037	0.147	96.8	7.7	
			C	0.133	0.028	0.136	97.8	7.1	
Bus198	33.000		A	0.070	0.013	0.071	98.3	3.8	
			B	0.073	0.020	0.076	96.4	4.0	
			C	0.066	0.019	0.068	96.0	3.6	
Bus200	0.400		A	0.073	0.013	0.074	98.4	325.6	
			B	0.068	0.019	0.071	96.2	312.6	
			C	0.066	0.013	0.067	98.2	292.8	
Bus201	33.000		A	0.011	0.002	0.011	98.8	0.6	
			B	0.013	0.002	0.013	99.3	0.7	
			C	0.012	0.003	0.012	96.6	0.6	
Bus203	0.400		A	0.012	0.001	0.012	99.9	50.6	
			B	0.013	0.002	0.013	98.6	55.8	
			C	0.011	0.002	0.011	97.9	48.1	
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	0.039	0.002	0.039	99.8	168.5	
			B	0.044	0.006	0.044	99.0	192.6	
			C	0.038	0.009	0.039	97.4	168.9	
Bus209	33.000		A	0.075	0.011	0.076	99.0	4.0	
			B	0.069	0.017	0.071	97.2	3.7	
			C	0.067	0.009	0.068	99.1	3.6	
Bus211	0.400		A	0.061	0.013	0.063	98.0	274.5	
			B	0.053	0.009	0.053	98.5	233.2	
			C	0.060	0.003	0.060	99.9	262.8	

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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	613.1	
			B	0.126	0.062	0.140	89.9	610.6	
			C	0.127	0.061	0.141	90.1	611.3	
Bus213	33.000		A	0.125	0.057	0.137	90.9	7.2	
			B	0.124	0.058	0.137	90.7	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).