LOAD FLOW REPORT

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
* BB 1A	11.000	100.000	0.0	3368.0	1909.0	0.0	0.0	South Main Substation	1344.290	769.107	81.3	86.8	
								North Main Substation	2023.699	1139.921	121.9	87.1	
Bus1	0.400	101.034	-0.4	0.0	0.0	0.0	0.0	DB-Parking	171.629	95.248	280.4	87.4	
								Parking Area Minisub	-171.629	-95.248	280.4	87.4	
Bus2	11.000	99.951	0.0	0.0	0.0	0.0	0.0	Bus125	-326.966	-193.484	20.0	86.1	
								Bus31	326.966	193.484	20.0	86.1	-2.500
Bus3	0.400	100.010	-0.2	0.0	0.0	10.0	6.0	DB-Parking	-10.000	-6.000	16.8	85.8	
Bus4	0.400	99.689	-0.1	0.0	0.0	9.9	6.0	DB-Parking	-9.936	-5.962	16.8	85.8	
Bus6	0.400	100.317	-0.2	0.0	0.0	16.1	12.1	DB-Parking	-16.102	-12.076	29.0	80.0	
Bus7	0.400	99.755	0.0	0.0	0.0	15.9	11.9	DB-Parking	-15.922	-11.941	28.8	80.0	
Bus10	11.000	99.929	0.0	0.0	0.0	0.0	0.0	Bus127	-150.042	-80.369	8.9	88.2	
								Bus32	150.042	80.369	8.9	88.2	-2.500
Bus11	0.400	99.129	0.2	0.0	0.0	15.7	11.8	DB-Parking	-15.723	-11.792	28.6	80.0	
Bus12	0.400	100.069	-0.2	0.0	0.0	56.9	42.7	DB-Parking	-56.878	-42.659	102.6	80.0	
Bus13	0.400	97.801	-0.6	0.0	0.0	38.3	0.0	DB-Parking	-38.260	0.000	56.5	100.0	
Bus17	11.000	99.954	0.0	0.0	0.0	0.0	0.0	South Main Substation	0.000	0.007	0.0	0.0	
								Bus19	0.000	-0.007	0.0	0.0	
Bus18	0.400	99.931	0.0	0.0	0.0	0.0	0.0	Phase 1 Aircon S2	0.000	-0.007	0.0	0.0	
								Bus46	0.000	0.007	0.0	0.0	
Bus19	0.400	99.954	0.0	0.0	0.0	0.0	0.0	Phase 1 Aircon S1	0.000	-0.007	0.0	0.0	
								Bus17	0.000	0.007	0.0	0.0	
Bus23	0.400	100.643	-0.5	0.0	0.0	0.0	0.0	Phase 1 Main DB NM S1	276.607	164.406	461.5	86.0	
								Bus47	-276.607	-164.406	461.5	86.0	
Bus24	0.400	101.281	-0.3	0.0	0.0	0.0	0.0	Phase 1 Main DB NM S2	188.321	103.449	306.2	87.6	
								Bus48	-188.321	-103.449	306.2	87.6	
Bus25	0.400	100.909	-0.4	0.0	0.0	0.0	0.0	Phase 1 Main DB NW S6	238.995	139.589	395.9	86.4	
								Bus49	-238.995	-139.589	395.9	86.4	
Bus26	0.400	101.237	-0.3	0.0	0.0	0.0	0.0	Phase 1 Main DB NW S2	188.140	111.918	312.1	85.9	
								Bus50	-188.140	-111.918	312.1	85.9	
Bus31	0.400	100.399	-0.6	0.0	0.0	0.0	0.0	Phase 1 Main DB NE S1	322.129	186.228	534.9	86.6	
								Bus2	-322.129	-186.228	534.9	86.6	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
Bus32	0.400	101.563	-0.3	0.0	0.0	0.0	0.0	Phase 1 Main DB NE S2	149.071	78.912	239.7	88.4	
								Bus10	-149.071	-78.912	239.7	88.4	
Bus33	0.400	100.891	-0.4	0.0	0.0	0.0	0.0	Phase 1 Main DB SE S1	227.640	140.235	382.5	85.1	
								Bus53	-227.640	-140.235	382.5	85.1	
Bus34	0.400	102.959	-0.6	0.0	0.0	0.0	0.0	Phase 1 Main DB SE S2	342.579	191.206	550.0	87.3	
								Bus56	-342.579	-191.206	550.0	87.3	
Bus35	0.400	101.294	-0.3	0.0	0.0	0.0	0.0	Phase 1 Main DB SM S2	173.383	100.661	285.7	86.5	
								Bus59	-173.383	-100.661	285.7	86.5	
Bus36	0.400	100.645	-0.5	0.0	0.0	0.0	0.0	Phase 1 Main DB SM S1	268.025	159.188	447.1	86.0	
								Bus58	-268.025	-159.188	447.1	86.0	
Bus37	0.400	101.147	-0.4	0.0	0.0	0.0	0.0	Phase 1 Main DB SW S1	197.842	111.889	324.3	87.0	
								Bus60	-197.842	-111.889	324.3	87.0	
Bus38	0.400	101.394	-0.5	0.0	0.0	0.0	0.0	Phase 1 Main DB SW S2	205.974	59.462	305.2	96.1	
								Bus61	-205.974	-59.462	305.2	96.1	
Bus46	11.000	99.931	0.0	0.0	0.0	0.0	0.0	North Main Substation	0.000	0.007	0.0	0.0	
								Bus18	0.000	-0.007	0.0	0.0	
Bus47	11.000	99.916	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	-280.208	-169.806	17.2	85.5	
								Bus23	280.207	169.806	17.2	85.5	-2.500
Bus48	11.000	99.916	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	-189.906	-105.827	11.4	87.4	
								Bus24	189.906	105.827	11.4	87.4	-2.500
Bus49	11.000	99.915	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	-241.645	-143.563	14.8	86.0	
								Bus25	241.645	143.563	14.8	86.0	-2.500
Bus50	11.000	99.915	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	-189.787	-114.389	11.6	85.6	
								Bus26	189.787	114.389	11.6	85.6	-2.500
Bus51	11.000	99.917	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	0.000	0.004	0.0	0.0	
								Bus54	0.000	-0.004	0.0	0.0	
Bus52	11.000	99.916	0.0	0.0	0.0	0.0	0.0	Phase 1 North Substation	-114.781	-71.714	7.1	84.8	
								Bus55	114.781	71.714	7.1	84.8	
Bus53	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-230.113	-143.945	14.3	84.8	
								Bus33	230.113	143.945	14.3	84.8	-2.500
Bus54	0.400	99.917	0.0	0.0	0.0	0.0	0.0	Inverter DB-Section1	0.000	-0.004	0.0	0.0	
								Bus51	0.000	0.004	0.0	0.0	
Bus55	0.400	99.514	-0.2	0.0	0.0	0.0	0.0	Inverter DB-Section2	114.580	71.008	195.5	85.0	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								Bus52	-114.580	-71.008	195.5	85.0	
Bus56	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-347.693	-198.876	21.1	86.8	
								Bus34	347.693	198.876	21.1	86.8	-5.000
Bus57	11.000	99.855	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-266.555	-210.139	17.8	78.5	
								Bus63	266.555	210.139	17.8	78.5	-2.500
Bus58	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-271.403	-164.256	16.7	85.6	
								Bus36	271.403	164.256	16.7	85.6	-2.500
Bus59	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-174.762	-102.730	10.7	86.2	
								Bus35	174.762	102.730	10.7	86.2	-2.500
Bus60	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-199.620	-114.556	12.1	86.7	
								Bus37	199.620	114.556	12.1	86.7	-2.500
Bus61	11.000	99.862	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-207.548	-61.823	11.4	95.8	
								Bus38	207.548	61.823	11.4	95.8	-2.500
Bus63	0.400	101.076	-0.6	0.0	0.0	0.0	0.0	Main Standby DB	265.046	204.858	478.4	79.1	
								Bus57	-265.046	-204.858	478.4	79.1	
Bus125	11.000	99.954	0.0	0.0	0.0	0.0	0.0	Bus2	326.976	193.061	19.9	86.1	
								South Main Substation	-326.976	-193.061	19.9	86.1	
Bus127	11.000	99.931	0.0	0.0	0.0	0.0	0.0	Bus10	150.045	79.809	8.9	88.3	
								North Main Substation	-150.045	-79.809	8.9	88.3	
Bus140	0.400	99.839	0.0	0.0	0.0	14.8	9.2	Input/Output UPS DB-South	-14.827	-9.189	25.2	85.0	
Bus141	0.400	99.460	0.1	0.0	0.0	17.7	10.9	Input/Output UPS DB-South	-17.658	-10.943	30.1	85.0	
Bus142	0.400	99.542	0.1	0.0	0.0	26.5	16.4	Input/Output UPS DB-South	-26.530	-16.442	45.3	85.0	
Bus143	0.400	99.383	0.2	0.0	0.0	18.8	11.7	Input/Output UPS DB-South	-18.806	-11.655	32.1	85.0	
Bus144	0.400	98.723	0.3	0.0	0.0	23.2	14.4	Input/Output UPS DB-South	-23.196	-14.376	39.9	85.0	
Bus145	0.400	99.768	0.1	0.0	0.0	11.8	7.3	Input/Output UPS DB-South	-11.845	-7.341	20.2	85.0	
Bus148	0.400	99.447	0.1	0.0	0.0	25.3	15.7	UPS North Output DB1	-25.303	-15.681	43.2	85.0	
Bus149	0.400	99.717	0.1	0.0	0.0	13.0	8.1	UPS North Output DB1	-13.016	-8.067	22.2	85.0	
Bus150	0.400	98.701	0.1	0.0	0.0	26.1	16.2	UPS North Output DB1	-26.084	-16.165	44.9	85.0	
Bus151	0.400	99.547	0.1	0.0	0.0	18.9	11.7	UPS North Output DB1	-18.868	-11.693	32.2	85.0	
Bus152	0.400	99.435	0.1	0.0	0.0	23.5	14.6	UPS North Output DB1	-23.532	-14.584	40.2	85.0	
Bus153	0.400	99.575	0.1	0.0	0.0	8.8	5.5	UPS North Output DB1	-8.849	-5.484	15.1	85.0	
DB-ACPS	0.400	100.135	0.0	0.0	0.0	20.9	12.9	Phase 1 Main DB SE S2	-20.881	-12.941	35.4	85.0	
DB-AHP-EC	0.400	100.460	-0.2	0.0	0.0	90.1	55.8	Phase 1 Main DB SE S2	-90.073	-55.822	152.3	85.0	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
DB-AHP-NM	0.400	100.968	-0.3	0.0	0.0	57.9	35.9	Phase 1 Main DB NM S2	-57.928	-35.900	97.4	85.0	
DB-AHP-NW	0.400	100.921	-0.3	0.0	0.0	58.5	36.2	Phase 1 Main DB NW S2	-58.479	-36.242	98.4	85.0	
DB-AHP-SM	0.400	100.783	-0.2	0.0	0.0	78.9	48.9	Phase 1 Main DB SM S2	-78.928	-48.915	133.0	85.0	
DB-AHP-SW	0.400	100.859	-0.4	0.0	0.0	79.0	49.0	Phase 1 Main DB SW S2	-79.048	-48.990	133.1	85.0	
DB-AHU-3F	0.400	99.787	-0.3	0.0	0.0	32.0	19.8	Phase 1 Main DB NM S1	-31.993	-19.828	54.4	85.0	
DB-CWS	0.400	99.941	-0.3	0.0	0.0	11.9	7.4	Phase 1 Main DB NM S1	-11.886	-7.366	20.2	85.0	
DB-EC-1F	0.400	100.782	-0.1	0.0	0.0	15.1	9.4	Phase 1 Main DB NE S2	-15.108	-9.363	25.5	85.0	
DB-EC-2F	0.400	99.235	-0.3	0.0	0.0	14.6	9.1	Phase 1 Main DB NE S1	-14.648	-9.078	25.1	85.0	
DB-EC-3F	0.400	99.203	-0.3	0.0	0.0	14.6	9.1	Phase 1 Main DB NE S1	-14.639	-9.072	25.1	85.0	
DB-EC-Cooling Tower	0.400	99.187	-0.4	0.0	0.0	87.4	42.3	Phase 1 Main DB NE S1	-87.392	-42.326	141.3	90.0	
DB-EC-GF	0.400	100.659	-0.1	0.0	0.0	21.4	13.3	Phase 1 Main DB NE S2	-21.402	-13.264	36.1	85.0	
DB-EC-LG	0.400	99.318	-0.4	0.0	0.0	14.7	9.1	Phase 1 Main DB NE S1	-14.673	-9.093	25.1	85.0	
DB-EC-SL	0.400	99.762	-0.2	0.0	0.0	11.8	7.3	Phase 1 Main DB SE S1	-11.843	-7.340	20.2	85.0	
DB-EWS	0.400	100.228	-0.2	0.0	0.0	12.0	7.4	Phase 1 Main DB NW S6	-11.954	-7.409	20.3	85.0	
DB-FW	0.400	100.914	-0.3	0.0	0.0	12.1	7.5	Phase 1 Main DB NM S2	-12.119	-7.510	20.4	85.0	
DB-GoodsLift	0.400	99.405	-0.1	0.0	0.0	8.8	5.5	Phase 1 Main DB SE S1	-8.819	-5.466	15.1	85.0	
DB-MAN-AHP	0.400	100.164	-0.1	0.0	0.0	9.0	5.5	Phase 1 Main DB SW S1	-8.954	-5.549	15.2	85.0	
DB-MO	0.400	99.941	-0.3	0.0	0.0	11.9	7.4	Phase 1 Main DB NM S1	-11.886	-7.366	20.2	85.0	
DB-NE-1F	0.400	99.532	-0.4	0.0	0.0	43.4	26.9	Phase 1 Main DB NE S1	-43.383	-26.887	74.0	85.0	
DB-NE-2F	0.400	101.029	-0.2	0.0	0.0	48.2	23.4	Phase 1 Main DB NE S2	-48.227	-23.357	76.6	90.0	
DB-NE-3F	0.400	100.749	-0.2	0.0	0.0	48.0	23.2	Phase 1 Main DB NE S2	-47.960	-23.228	76.3	90.0	
DB-NE-AHP	0.400	99.165	-0.4	0.0	0.0	99.8	61.9	Phase 1 Main DB NE S1	-99.818	-61.862	170.9	85.0	
DB-NE-GF	0.400	99.556	-0.4	0.0	0.0	43.4	26.9	Phase 1 Main DB NE S1	-43.404	-26.899	74.0	85.0	
DB-NE-LG	0.400	101.120	-0.2	0.0	0.0	15.2	9.4	Phase 1 Main DB NE S2	-15.210	-9.426	25.5	85.0	
DB-NM-1F	0.400	100.968	-0.3	0.0	0.0	48.2	23.3	Phase 1 Main DB NM S2	-48.170	-23.330	76.5	90.0	
DB-NM-2F	0.400	100.322	-0.4	0.0	0.0	44.9	27.8	Phase 1 Main DB NM S1	-44.913	-27.835	76.0	85.0	
DB-NM-3F	0.400	100.295	-0.5	0.0	0.0	47.5	23.0	Phase 1 Main DB NM S1	-47.529	-23.019	76.0	90.0	
DB-NM-GF	0.400	101.010	-0.3	0.0	0.0	48.2	23.3	Phase 1 Main DB NM S2	-48.209	-23.349	76.5	90.0	
DB-NM-LG	0.400	101.105	-0.3	0.0	0.0	21.3	13.2	Phase 1 Main DB NM S2	-21.288	-13.193	35.8	85.0	
DB-NW-1F	0.400	100.610	-0.4	0.0	0.0	45.2	28.0	Phase 1 Main DB NW S6	-45.172	-27.995	76.2	85.0	
DB-NW-2G	0.400	100.610	-0.4	0.0	0.0	45.2	28.0	Phase 1 Main DB NW S6	-45.172	-27.995	76.2	85.0	
DB-NW-LG	0.400	100.938	-0.3	0.0	0.0	21.2	13.1	Phase 1 Main DB NW S2	-21.217	-13.149	35.7	85.0	
DB-NW-Lift	0.400	100.620	-0.3	0.0	0.0	9.0	5.6	Phase 1 Main DB SW S2	-9.036	-5.600	15.2	85.0	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
DB-Parking	0.400	100.920	-0.4	0.0	0.0	5.7	4.3	Bus3	10.114	6.008	16.8	86.0	
								Bus4	10.090	5.972	16.8	86.1	
								Bus6	16.238	12.092	29.0	80.2	
								Bus7	16.183	11.972	28.8	80.4	
								Bus11	16.122	11.839	28.6	80.6	
								Bus12	57.473	42.869	102.5	80.2	
								Bus13	39.480	0.168	56.5	100.0	
								Bus1	-171.404	-95.196	280.4	87.4	
DB-Passenger Lift	0.400	98.976	0.1	0.0	0.0	12.5	7.7	Phase 1 Main DB SE S1	-12.490	-7.741	21.4	85.0	
DB-Photografic	0.400	100.429	-0.1	0.0	0.0	22.2	10.8	Phase 1 Main DB SE S2	-22.239	-10.771	35.5	90.0	
DB-PPD	0.400	99.341	-0.1	0.0	0.0	44.2	33.2	Phase 1 Main DB SE S1	-44.212	-33.159	80.3	80.0	
DB-Pump	0.400	100.278	-0.3	0.0	0.0	76.0	36.8	Phase 1 Main DB SW S1	-76.021	-36.819	121.6	90.0	
DB-SE-1F	0.400	99.364	-0.1	0.0	0.0	44.1	27.3	Phase 1 Main DB SE S1	-44.059	-27.306	75.3	85.0	
DB-SE-2F	0.400	99.364	-0.1	0.0	0.0	44.1	27.3	Phase 1 Main DB SE S1	-44.059	-27.306	75.3	85.0	
DB-SE-3F	0.400	100.878	-0.3	0.0	0.0	45.4	28.1	Phase 1 Main DB SE S2	-45.412	-28.144	76.4	85.0	
DB-SE-AHP	0.400	101.317	-0.3	0.0	0.0	110.3	53.4	Phase 1 Main DB SE S2	-110.327	-53.434	174.6	90.0	
DB-SE-GF	0.400	100.878	-0.3	0.0	0.0	45.4	28.1	Phase 1 Main DB SE S2	-45.412	-28.144	76.4	85.0	
DB-SE-LG	0.400	99.565	-0.1	0.0	0.0	20.6	12.8	Phase 1 Main DB SE S1	-20.644	-12.794	35.2	85.0	
DB-SM-1F	0.400	100.327	-0.4	0.0	0.0	47.6	23.0	Phase 1 Main DB SM S1	-47.560	-23.034	76.0	90.0	
DB-SM-2F	0.400	100.289	-0.4	0.0	0.0	44.9	27.8	Phase 1 Main DB SM S1	-44.884	-27.816	76.0	85.0	
DB-SM-3F	0.400	100.892	-0.3	0.0	0.0	45.4	28.2	Phase 1 Main DB SM S2	-45.425	-28.152	76.5	85.0	
DB-SM-GF	0.400	101.012	-0.3	0.0	0.0	48.2	23.3	Phase 1 Main DB SM S2	-48.211	-23.350	76.5	90.0	
DB-SM-LG	0.400	100.391	-0.4	0.0	0.0	21.0	13.0	Phase 1 Main DB SM S1	-20.988	-13.007	35.5	85.0	
DB-STAB	0.400	99.641	-0.2	0.0	0.0	37.5	18.2	Phase 1 Main DB SE S1	-37.529	-18.176	60.4	90.0	
DB-SW-1F	0.400	101.127	-0.5	0.0	0.0	53.7	0.0	Phase 1 Main DB SW S2	-53.690	0.000	76.6	100.0	
DB-SW-2F	0.400	100.485	-0.3	0.0	0.0	45.1	27.9	Phase 1 Main DB SW S1	-45.059	-27.925	76.1	85.0	
DB-SW-3F	0.400	100.485	-0.3	0.0	0.0	45.1	27.9	Phase 1 Main DB SW S1	-45.059	-27.925	76.1	85.0	
DB-SW-GF	0.400	101.166	-0.5	0.0	0.0	53.7	0.0	Phase 1 Main DB SW S2	-53.731	0.000	76.7	100.0	
DB-SW-Goods Lift	0.400	100.619	-0.4	0.0	0.0	9.6	4.6	Phase 1 Main DB SW S2	-9.567	-4.634	15.2	90.0	
DB-SW-LG	0.400	100.965	-0.3	0.0	0.0	21.2	13.2	Phase 1 Main DB SW S1	-21.229	-13.157	35.7	85.0	
DB-TB	0.400	100.584	-0.1	0.0	0.0	12.0	7.5	Phase 1 Main DB NW S2	-12.039	-7.461	20.3	85.0	
DB-TEMP	0.400	99.846	-0.3	0.0	0.0	29.7	18.4	Phase 1 Main DB SM S1	-29.658	-18.381	50.4	85.0	
DB-UPS-N	0.400	100.105	-0.4	0.0	0.0	126.7	78.5	Phase 1 Main DB NM S1	-126.727	-78.538	215.0	85.0	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								UPS North1	126.728	78.539	215.0	85.0	
DB-UPS-S	0.400	100.213	-0.4	0.0	0.0	123.6	76.6	Phase 1 Main DB SM S1	-123.603	-76.602	209.4	85.0	
								UPS South1	123.603	76.602	209.4	85.0	
DB-UPS1	0.400	100.600	-0.4	0.0	0.0	48.2	29.9	Phase 1 Main DB NW S6	-48.173	-29.855	81.3	85.0	
DB-UPS2	0.400	100.956	-0.3	0.0	0.0	48.5	30.1	Phase 1 Main DB NW S2	-48.515	-30.067	81.6	85.0	
DB-WC-1F	0.400	100.764	-0.2	0.0	0.0	16.0	7.7	Phase 1 Main DB NW S2	-15.992	-7.745	25.5	90.0	
DB-WC-2F	0.400	100.723	-0.2	0.0	0.0	16.0	7.7	Phase 1 Main DB NW S2	-15.979	-7.739	25.4	90.0	
DB-WC-3F	0.400	100.719	-0.2	0.0	0.0	15.1	9.4	Phase 1 Main DB NW S2	-15.090	-9.352	25.4	85.0	
DB-WC-LG	0.400	100.381	-0.3	0.0	0.0	14.1	10.6	Phase 1 Main DB NW S6	-14.107	-10.580	25.4	80.0	
DB-WC-R	0.400	99.913	-0.4	0.0	0.0	73.0	35.3	Phase 1 Main DB NW S6	-72.953	-35.333	117.1	90.0	
* Input/Output UPS DB-South	0.400	100.000	0.0	113.7	70.1	0.0	0.0	Bus140	14.857	9.192	25.2	85.0	
								Bus141	17.779	10.958	30.1	85.1	
								Bus142	26.667	16.494	45.3	85.0	
								Bus143	18.954	11.673	32.1	85.1	
								Bus144	23.577	14.425	39.9	85.3	
								Bus145	11.880	7.344	20.2	85.1	
Inverter DB-Section1	0.400	99.917	0.0	0.0	0.0	0.0	0.0	Bus54	0.000	0.000	0.0	0.0	
Inverter DB-Section2	0.400	99.467	-0.2	0.0	0.0	114.5	71.0	Bus55	-114.526	-70.977	195.5	85.0	
Main Standby DB	0.400	101.053	-0.5	0.0	0.0	265.0	204.8	Bus63	-264.963	-204.839	478.4	79.1	
North Main Substation	11.000	99.931	0.0	0.0	0.0	0.0	0.0	BB 1A	-2022.369	-1164.901	122.6	86.7	
								Bus46	0.000	-0.226	0.0	0.0	
								Phase 1 South Substation	1872.324	1085.319	113.7	86.5	
								Bus127	150.045	79.809	8.9	88.3	
Parking Area Minisub	11.000	99.858	0.0	0.0	0.0	0.0	0.0	Phase 1 South Substation	-173.304	-95.774	10.4	87.5	
								MV_Cable 16_Ring_1~	0.000	-1.986	0.1	0.0	
								Bus1	173.304	97.760	10.5	87.1	-2.500
Phase 1 Aircon S1	0.400	99.954	0.0	0.0	0.0	0.0	0.0	Bus19	0.000	0.000	0.0	0.0	
Phase 1 Aircon S2	0.400	99.931	0.0	0.0	0.0	0.0	0.0	Bus18	0.000	0.000	0.0	0.0	
Phase 1 Main DB NE S1	0.400	99.658	-0.5	0.0	0.0	0.0	0.0	DB-EC-LG	14.737	9.100	25.1	85.1	
								DB-NE-GF	43.454	26.917	74.0	85.0	
								DB-NE-1F	43.445	26.908	74.0	85.0	
								DB-EC-2F	14.728	9.087	25.1	85.1	
								DB-EC-3F	14.724	9.082	25.1	85.1	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								DB-EC-Cooling Tower	87.813	42.506	141.3	90.0	
								DB-NE-AHP	100.420	62.000	170.9	85.1	
								Bus31	-319.320	-185.600	534.9	86.5	
Phase 1 Main DB NE S2	0.400	101.185	-0.2	0.0	0.0	0.0	0.0	DB-NE-2F	48.306	23.385	76.6	90.0	
								DB-EC-1F	15.185	9.372	25.5	85.1	
								DB-EC-GF	21.544	13.282	36.1	85.1	
								DB-NE-LG	15.223	9.428	25.5	85.0	
								DB-NE-3F	48.179	23.304	76.3	90.0	
								Bus32	-148.436	-78.770	239.7	88.3	
Phase 1 Main DB NM S1	0.400	100.484	-0.5	0.0	0.0	0.0	0.0	DB-NM-2F	44.995	27.863	76.0	85.0	
								DB-NM-3F	47.623	23.052	76.0	90.0	
								DB-AHU-3F	32.277	19.866	54.4	85.2	
								DB-CWS	11.972	7.370	20.2	85.2	
								DB-MO	11.972	7.370	20.2	85.2	
								DB-UPS-N	127.247	78.767	215.0	85.0	
								Bus23	-276.085	-164.289	461.5	85.9	
Phase 1 Main DB NM S2	0.400	101.175	-0.3	0.0	0.0	0.0	0.0	DB-NM-1F	48.273	23.366	76.5	90.0	
								DB-NM-GF	48.292	23.377	76.5	90.0	
								DB-NM-LG	21.306	13.196	35.8	85.0	
								DB-AHP-NM	58.062	35.945	97.4	85.0	
								DB-FW	12.158	7.514	20.4	85.1	
								Bus24	-188.091	-103.398	306.2	87.6	
Phase 1 Main DB NW S2	0.400	101.129	-0.3	0.0	0.0	0.0	0.0	DB-AHP-NW	58.616	36.288	98.4	85.0	
								DB-UPS2	48.609	30.100	81.6	85.0	
								DB-WC-1F	16.058	7.752	25.5	90.1	
								DB-WC-2F	16.053	7.747	25.4	90.1	
								DB-WC-3F	15.168	9.360	25.4	85.1	
								DB-NW-LG	21.271	13.153	35.7	85.1	
								DB-TB	12.126	7.465	20.3	85.2	
								Bus26	-187.901	-111.865	312.1	85.9	
Phase 1 Main DB NW S6	0.400	100.772	-0.4	0.0	0.0	0.0	0.0	DB-WC-R	73.612	35.567	117.1	90.0	
								DB-EWS	12.040	7.413	20.3	85.2	
								DB-UPS1	48.266	29.887	81.3	85.0	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								DB-NW-1F	45.254	28.023	76.2	85.0	
								DB-NW-2G	45.254	28.023	76.2	85.0	
								DB-WC-LG	14.184	10.589	25.4	80.1	
								Bus25	-238.611	-139.503	395.9	86.3	
Phase 1 Main DB SE S1	0.400	99.908	-0.2	0.0	0.0	0.0	0.0	DB-EC-SL	11.863	7.344	20.2	85.0	
								DB-STAB	37.643	18.197	60.4	90.0	
								DB-SE-2F	44.332	27.400	75.3	85.1	
								DB-SE-LG	20.736	12.803	35.2	85.1	
								DB-GoodsLift	8.877	5.468	15.1	85.1	
								DB-SE-1F	44.332	27.400	75.3	85.1	
								DB-PPD	44.522	33.267	80.3	80.1	
								DB-Passenger Lift	12.643	7.753	21.4	85.2	
								Bus33	-224.947	-139.632	382.5	85.0	
Phase 1 Main DB SE S2	0.400	101.430	-0.3	0.0	0.0	0.0	0.0	DB-AHP-EC	91.056	56.164	152.2	85.1	
								DB-SE-GF	45.693	28.242	76.4	85.1	
								DB-Photografic	22.504	10.787	35.5	90.2	
								DB-SE-AHP	110.456	53.479	174.6	90.0	
								DB-SE-3F	45.693	28.242	76.4	85.1	
								DB-ACPS	21.239	12.963	35.4	85.4	
								Bus34	-336.641	-189.877	550.0	87.1	
Phase 1 Main DB SM S1	0.400	100.491	-0.4	0.0	0.0	0.0	0.0	DB-SM-1F	47.641	23.063	76.0	90.0	
								DB-SM-2F	44.986	27.852	76.0	85.0	
								DB-SM-LG	21.015	13.011	35.5	85.0	
								DB-TEMP	29.902	18.414	50.4	85.1	
								DB-UPS-S	123.991	76.739	209.4	85.0	
								Bus36	-267.534	-159.078	447.1	86.0	
Phase 1 Main DB SM S2	0.400	101.136	-0.3	0.0	0.0	0.0	0.0	DB-AHP-SM	79.241	49.023	133.0	85.0	
								DB-SM-3F	45.549	28.195	76.5	85.0	
								DB-SM-GF	48.273	23.371	76.5	90.0	
								Bus35	-173.062	-100.589	285.7	86.5	
Phase 1 Main DB SW S1	0.400	101.035	-0.3	0.0	0.0	0.0	0.0	DB-MAN-AHP	9.059	5.552	15.2	85.3	
								DB-Pump	76.603	37.075	121.6	90.0	
								DB-SW-3F	45.338	28.022	76.1	85.1	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								DB-SW-2F	45.338	28.022	76.1	85.1	
								DB-SW-LG	21.247	13.160	35.7	85.0	
								Bus37	-197.584	-111.831	324.3	87.0	
Phase 1 Main DB SW S2	0.400	101.283	-0.5	0.0	0.0	0.0	0.0	DB-AHP-SW	79.424	49.119	133.1	85.0	
								DB-NW-Lift	9.113	5.604	15.2	85.2	
								DB-SW-Goods Lift	9.641	4.637	15.2	90.1	
								DB-SW-GF	53.794	0.022	76.7	100.0	
								DB-SW-1F	53.773	0.029	76.6	100.0	
								Bus38	-205.745	-59.411	305.2	96.1	
Phase 1 North Substation	11.000	99.917	0.0	0.0	0.0	0.0	0.0	Bus50	189.790	114.085	11.6	85.7	
								South Main Substation	-1016.339	-603.811	62.1	86.0	
								Bus47	280.211	169.625	17.2	85.5	
								Bus48	189.908	105.645	11.4	87.4	
								Bus49	241.649	143.260	14.8	86.0	
								Bus51	0.000	-0.260	0.0	0.0	
								Bus52	114.782	71.458	7.1	84.9	
Phase 1 South Substation	11.000	99.863	0.0	0.0	0.0	0.0	0.0	North Main Substation	-1871.055	-1086.889	113.7	86.5	
								Parking Area Minisub	173.314	93.649	10.4	88.0	
								Bus53	230.116	143.690	14.3	84.8	
								Bus56	347.698	198.696	21.0	86.8	
								Bus57	266.581	208.750	17.8	78.7	
								Bus58	271.408	163.966	16.7	85.6	
								Bus59	174.764	102.463	10.6	86.3	
								Bus60	199.624	114.192	12.1	86.8	
								Bus61	207.551	61.483	11.4	95.9	
South Main Substation	11.000	99.954	0.0	0.0	0.0	0.0	0.0	BB 1A	-1343.697	-794.597	82.0	86.1	
								Phase 1 North Substation	1016.721	601.701	62.0	86.1	
								Bus17	0.000	-0.165	0.0	0.0	
								Bus125	326.976	193.061	19.9	86.1	
* UPS North Output DB1	0.400	100.000	0.0	116.6	71.9	0.0	0.0	Bus148	25.482	15.705	43.2	85.1	
								Bus149	13.063	8.071	22.2	85.1	
								Bus150	26.469	16.310	44.9	85.1	
								Bus151	18.977	11.707	32.2	85.1	

Bus		Voltage		Generation		Load		Load Flow					XFMR
ID	kV	% Mag.	Ang.	kW	kvar	kW	kvar	ID	kW	kvar	Amp	%PF	%Tap
								Bus152	23.702	14.606	40.2	85.1	
								Bus153	8.897	5.487	15.1	85.1	
MV_Cable 16_Ring_1~	11.000	99.858	0.0	0.0	0.0	0.0	0.0	Parking Area Minisub	0.000	0.000	0.0	0.0	
UPS North1	0.400	100.000	0.0	116.6	71.9	0.0	0.0	UPS North Output DB1	116.589	71.886	197.7	85.1	
UPS South1	0.400	100.000	0.0	113.7	70.1	0.0	0.0	Input/Output UPS DB-South	113.715	70.086	192.8	85.1	

* 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