

Prefault Voltage = 100 % of the Bus Nominal Voltage

Bus		3-Phase Fault			Line-to-Ground Fault			Line-to-Line Fault			*Line-to-Line-to-Ground		
ID	kV	Real	Imag.	Mag.	Real	Imag.	Mag.	Real	Imag.	Mag.	Real	Imag.	Mag.
Bus1	34.500	1.394	-16.693	16.731	1.044	-12.314	12.337	14.456	1.208	14.307	14.039	6.212	13.352
Bus2	0.480	3.367	-13.211	13.633	3.253	-12.805	13.212	11.441	2.916	11.807	9.868	9.128	13.442
Bus3	0.480	3.428	-12.873	13.129	3.405	-11.891	12.407	10.973	2.969	11.370	-12.638	2.664	12.936
Bus5	0.480	3.428	-12.873	13.129	3.405	-11.891	12.407	10.973	2.969	11.370	-12.638	2.664	12.936
Bus6	0.480	3.432	-12.637	13.084	3.413	-11.873	12.333	10.944	2.972	11.340	-12.632	2.624	12.902
Bus7	0.460	0.341	-0.739	0.814	0.491	-0.218	0.537	0.640	0.296	0.705	-0.830	-0.272	0.834
Bus8	0.460	0.341	-0.739	0.814	0.488	-0.216	0.534	0.640	0.295	0.705	-0.808	-0.272	0.833
Bus9	0.460	3.072	-3.061	7.145	4.124	-2.646	4.900	4.383	4.392	6.203	-6.020	-3.377	7.003
Bus10	0.460	2.034	-0.434	2.080	1.223	-0.167	1.234	0.376	1.761	1.801	-0.812	-1.716	1.898
Bus11	0.460	1.776	-0.347	1.810	1.060	-0.132	1.069	0.300	1.518	1.567	-0.677	-1.303	1.648
Bus13	0.460	1.576	-0.287	1.602	0.936	-0.108	0.942	0.248	1.365	1.388	-0.580	-1.336	1.437
Bus14	0.480	3.386	-3.399	6.539	4.038	-1.643	4.360	3.943	4.838	5.683	-4.487	-4.348	6.248
Bus15	0.240	0.396	-0.357	0.533	0.395	-0.353	0.530	0.309	0.243	0.461	-0.306	-0.168	0.533
Bus16	0.460	0.380	-0.720	0.814	0.505	-0.219	0.530	0.624	0.329	0.705	-0.802	-0.306	0.838
Bus17	0.460	0.383	-0.717	0.814	0.504	-0.217	0.549	0.621	0.334	0.705	-0.799	-0.310	0.837
Bus19	0.460	4.283	-10.213	11.074	4.348	-8.377	9.708	8.844	3.709	9.590	-11.119	-0.063	11.119

All fault currents are symmetrical (1/2 Cycle network) values in rms kA.

* LLG fault current is the larger of the two faulted line currents.