

		DigSILENT PowerFactory 15.1.7	Project:
			Date: 12/30/2022

Fault Locations with Feeders					
Short-Circuit Calculation / Method : complete				2-Phase Short-Circuit / Max. Short-Circuit Currents	
Short-Circuit Duration		Fault Impedance			
Break Time	0.10 s	Resistance, Rf	0.00 Ohm		
Fault Clearing Time (Ith)	1.00 s	Reactance, Xf	0.00 Ohm		

Grid: Grid			System Stage: Grid									Annex:		/ 1		
rtd.V. [kV]			Voltage [kV]		c- [deg]	Factor	Sk" [MVA/MVA]		Ik" [kA/kA]		Ik' [deg]	Ik' [kA]	ip [kA/kA]	Ib [kA]	ib [kA]	EFF [-]
Bus8	A	230.00	130.66	-0.00	1.00	0.00	MVA	0.00	kA	0.0	0.00	0.00	kA	0.00	0.00	1.00
	B		65.33	180.00		380.63	MVA	2.87	kA	-180.0	2.35	8.11	kA	2.39	7.44	0.00
	C		65.33	180.00		380.63	MVA	2.87	kA	0.0	2.35	8.11	kA	2.39	7.44	0.00
Line78	Bus7					A	8.60	MVA	0.06	kA	90.0	0.05	0.18	kA		
						B	166.66	MVA	1.26	kA	-1.5	1.03	3.55	kA		
						C	166.66	MVA	1.26	kA	-178.5	1.03	3.55	kA		
Line89	Bus9					A	4.52	MVA	0.03	kA	-90.0	0.03	0.10	kA		
						B	77.37	MVA	0.58	kA	1.7	0.48	1.65	kA		
						C	77.37	MVA	0.58	kA	178.3	0.48	1.65	kA		
Line68	Bus6					A	4.08	MVA	0.03	kA	-90.0	0.03	0.09	kA		
						B	136.70	MVA	1.03	kA	0.9	0.84	2.91	kA		
						C	136.70	MVA	1.03	kA	179.1	0.84	2.91	kA		