

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

Fault Locations with Feeders Short-Circuit Calculation / Method : complete				Single Phase to Ground / 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' [kA]	ip [kA/kA]	Ib [kA]	ib [kA]	EFF [-]			
Bus8	A	230.00	0.00	0.00	1.00	599.33 MVA	4.51 kA	-90.0	3.76	12.77 kA	3.82	11.79	0.00		
	B		114.76	-99.08		0.00 MVA	0.00 kA	0.0	0.00	0.00 kA	0.00	0.00	0.88		
	C		114.76	99.08		0.00 MVA	0.00 kA	0.0	0.00	0.00 kA	0.00	0.00	0.88		
Line78	Bus7					283.31 MVA	2.13 kA	90.0	1.78	6.03 kA					
						22.05 MVA	0.17 kA	72.1	0.14	0.47 kA					
						22.05 MVA	0.17 kA	107.9	0.14	0.47 kA					
Line89	Bus9					111.07 MVA	0.84 kA	90.0	0.70	2.37 kA					
						11.28 MVA	0.08 kA	-108.4	0.07	0.24 kA					
						11.28 MVA	0.08 kA	-71.6	0.07	0.24 kA					
Line68	Bus6					204.94 MVA	1.54 kA	90.0	1.29	4.37 kA					
						10.77 MVA	0.08 kA	-107.3	0.07	0.23 kA					
						10.77 MVA	0.08 kA	-72.7	0.07	0.23 kA					