

		DigSILENT PowerFactory 15.1.7	Project: Date: 12/30/2022
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Fault Locations with Feeders Short-Circuit Calculation / Method : complete				2-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	56.02	0.00	1.00	0.00 MVA	0.00 kA	0.0	0.00	0.00 kA	0.00	0.42			
	B		0.00	-120.00		596.99 MVA	4.50 kA	129.1	3.28	12.72 kA	3.38	0.00			
	C		0.00	120.00		596.99 MVA	4.50 kA	50.9	3.28	12.72 kA	3.38	0.00			
Line78	Bus7					A	23.96 MVA	0.18 kA	-90.0	0.13	0.51 kA				
						B	293.72 MVA	2.21 kA	-54.6	1.61	6.26 kA				
						C	293.72 MVA	2.21 kA	-125.4	1.61	6.26 kA				
Line89	Bus9					A	12.09 MVA	0.09 kA	90.0	0.07	0.26 kA				
						B	105.43 MVA	0.79 kA	-45.6	0.58	2.25 kA				
						C	105.43 MVA	0.79 kA	-134.4	0.58	2.25 kA				
Line68	Bus6					A	11.87 MVA	0.09 kA	90.0	0.07	0.25 kA				
						B	199.13 MVA	1.50 kA	-48.2	1.09	4.24 kA				
						C	199.13 MVA	1.50 kA	-131.8	1.09	4.24 kA				