

SHORT- CIRCUIT REPORT

Fault at bus: Bus101

Prefault voltage = 0.400 kV
= 100.00 % of nominal bus kV (0.400 kV)
= 100.00 % of base kV (0.400 kV)

Contribution		3-Phase Fault		Line-To-Ground Fault					Positive & Zero Sequence Impedances Looking into "From Bus"			
From Bus ID	To Bus ID	% V From Bus	kA Symm. rms	% Voltage at From Bus			kA Symm. rms		% Impedance on 100 MVA base			
				Va	Vb	Vc	Ia	I10	R1	X1	R0	X0
Bus101	Total	0.00	20.319	0.00	99.60	98.86	20.637	20.637	1.26E+002	6.99E+002	1.11E+002	6.68E+002
Bus102	Bus101	95.23	19.681	97.21	97.97	100.00	19.999	20.020 *	1.24E+002	7.23E+002	1.09E+002	6.90E+002
L53 domestic	Bus101	100.00	0.655	100.00	100.00	100.00	0.655	0.634	8.54E+003	2.03E+004	8.54E+003	2.03E+004

Project:

Location:

Contract:

Engineer:

Filename: unbalance max load

ETAP

12.6.0H

Study Case: SC

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Date: 09-01-2017

SN:

Revision: Base

Config.: Normal

Indicates fault current contribution is from three-winding transformers

* Indicates a zero sequence fault current contribution (3I0) from a grounded Delta- Y transformer