

Project:ETAP

Location:19.0.1C

Contract:

Engineer:Study Case: A_SC

Filename:Nine Bus System

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Date:11-03-2022

SN:

Revision:Base

Config.:Normal

Bus Arc Flash Input Data

Faulted Bus		Arc Flash Ratings			Approach Boundary (ft)			Avail. Protection cal/cm²
ID	Nom. kV	Equip. Type	Gap (mm)	X Factor	Exp. Movable	Fixed Circuit	Restricted	
Bus4	230.000	Other			13.000	13.000	5.660	0.00

The Gap and X-Factors are not utilized if the theoretically derived Lee method was used to determine the incident energy and arc flash boundary .
The Lee method is used if the bus voltage and/or short-circuit parameters are outside the range covered by the IEEE 1584 empirical equations.