

Info Rating Short Circuit Time Domain Harmonic Reliability Energy Price Remarks Comment

22.9 kV Swing

Rated kV Balanced Unbalanced

	Gen. Cat.	%V	Vangle	MW	Mvar	%PF	Qmax	Qmin
1	Design	100	0					
2	Normal	100	0					
3	Shutdown	100	0					
4	Emergency	100	0					
5	Standby	100	0					
6	Startup	100	0					
7	Accident	100	0					
8	Summer Load	100	0					
9	Winter Load	100	0					
10	Gen Cat 10	100	0					

Operating

% V	Vangle	MW	Mvar
<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="7.395"/>	<input type="text" value="5.226"/>

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Grounding



SC Rating

	MVA _{sc}	MVA _{sc}	X/R	kAsc
3-Phase	<input type="text" value="277.777"/>		<input type="text" value="360"/>	<input type="text" value="7.003"/>
1-Phase	<input type="text" value="250.836"/>	<input type="text" value="83.612"/>	<input type="text" value="99999"/>	<input type="text" value="6.324"/>
	$\sqrt{3}V_{ll} I_f$	$V_{ln} I_f$		

SC Impedance (100 MVA_b)

	% R	% X
Pos.	<input type="text" value="0.1"/>	<input type="text" value="36"/>
Neg.	<input type="text" value="0.1"/>	<input type="text" value="36"/>
Zero	<input type="text" value="0"/>	<input type="text" value="47.6"/>