

AECl 's Planning Criteria

For contingency analysis, thermal criteria require branch loading to be less than 100% of normal rating for pre-contingency conditions, and to be less than the Long Term Emergency rating for post-contingency conditions. Voltage criteria for pre and post-contingency conditions are in the table below.

Operating Voltage	Pre-Contingency Voltage Criteria	Post-Contingency Voltage Criteria
$69 \text{ kV} \leq V_{\text{bus}} \leq 345 \text{ kV}$	$0.95 \text{ pu} \leq V_{\text{bus}} \leq 1.05 \text{ pu}$	$0.90 \text{ pu} < V_{\text{bus}} < 1.05 \text{ pu}$
$V_{\text{bus}} = 500 \text{ kV}$	$0.95 \text{ pu} \leq V_{\text{bus}} \leq 1.1 \text{ pu}$	$0.90 \text{ pu} < V_{\text{bus}} < 1.1 \text{ pu}$