

## Assignments

Team #	Team Members	Work Required
1	Boris Tom and, Lucas Klein, Hanna Abdallah, Brian Team Leader: Don	<ul style="list-style-type: none"> <li>✓ Clarify the <a href="#">fault current</a> that must be used in the calculation of bus design. Recommend a process for evaluating the magnitude of short circuit current to be used in bus design calculations.</li> <li>✓ Provide a guidelines of what value to use for the X/R ratio</li> </ul>
2	Annex C –Ampacity Calculations Chuck Haahr /Jean - Bernard	Verify <a href="#">equations presented</a> in the Guide.
3	Chuck Haahr	Update Ampacity tables using the updated equations
4	Tom Amundsen, Ross Twidwell, Jean-Bernard, Scott Taylor. Team Leader: Tom Amundsen	<p>This team will perform the following:</p> <ul style="list-style-type: none"> <li>✓ Review the mechanical load calculation process used in the guide</li> <li>✓ Evaluate the insulator strength de-rating factor</li> <li>✓ Review the span length calculations and provide equations to calculate the span length for 2 or more span length.</li> <li>✓ Polymer insulators – strength values – NO IEC or IEEE standard for these insulators</li> <li>✓ De-rating insulator strength</li> </ul>
5	Jean-Bernard Hanna Abdallah	Guidelines for selecting the appropriate bus insulator.
6	Jean-Bernard Hanna Abdallah	Bus Design Tutorial

