Q. In your Executive Summary of the Application you note "*It will provide the required reinforcement to maintain the stability of the system to ride through contingencies planned for within the planning criteria".* Please outline what these contingencies are.

A. Transmission Planning Criteria require the system response to be stable and well damped[1] following a disturbance. Disturbances are defined in Section 3.2 on Page 10. A list of contingencies that were simulated for the study is provided in Table 6.4 on page 35.

[1] System response to a contingency results in oscillation of the system. For a system to be considered stable following the disturbance, the oscillations will reduce in magnitude with each successive swing and settle to a new non-oscillatory steady state value. The continued reduction in the magnitude of successive swings or oscillations is referred to as damping of the oscillation. The NPCC criterion for damping requires that the response demonstrate positive damping within 30 seconds of the initiating event.