Q. **Reference: Replace T1 (2027–2029) – Burgeo**

Given the significant increases in transformer cost and delivery times in recent years, and the issues with salt contamination, is there a qualitative argument for proceeding with the alternative to convert the voltage of the BUR feeders in spite of its 12.7% cost disadvantage? Would the voltage conversion alternative also reduce environmental risks?

A. The only qualitative argument identified for proceeding with the alternative to convert the voltage of the Burgeo feeders would be eliminating the need for a power transformer at the Burgeo Substation, and as a result, removing the requirement to conduct ongoing preventive maintenance on the asset. These costs were accounted for in the least-cost evaluation .

While the voltage conversion alternative would reduce environmental risks associated with the power transformer, the recommended alternative of a like-for-like replacement of Burgeo T1 transformer includes the installation of an oil containment system around the new transformer.