

1 Q. Western Avalon T5 Tap Changer: Please state whether and, if so, how Hydro
2 instructs System Operators and Terminal Station Operators not to re-energize any
3 transformer after it has tripped out before the cause of the trip out has been
4 determined and provide any applicable system operations or training documents.
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7 A. When transformers trip out due to a transformer protection operation, a lock out
8 relay is activated, which prevents the transformer from being re-energized until
9 field personnel are dispatched to the location of the transformer and the lock out
10 relay has been reset. Only if the decision is made by the field personnel will the
11 transformer be re-energized, at which time the ECC will direct the energization by
12 closing equipment (breakers and disconnects).
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14 Hydro notes that its Transformers/Switchyard Technical Council is working on
15 developing a formal protocol to assist field staff after a transformer lockout has
16 activated. This protocol is expected to be completed and reviewed with Electricians
17 and Protection and Control Technologists who work in terminal stations in 2015.