

Closed transition transfer (CTT) is a method by which a customer can operate a generator at their facility in parallel with the BC Hydro Distribution System for a short duration of time (< 20 seconds), during the transfer of critical load to/from the BC Hydro system from/to the generator, without power interruption. CTT is also called make-before-break, bumpless, or seamless load transfer.

A CTT System is classified as either “Certified Momentary” or “Extended,” based on the specifications of its automatic transfer switch (ATS). The technical requirements are simplified for Certified Momentary CTT systems (see Application Checklist 1), compared to Extended CTT systems (see Application Checklist 2).

BC Hydro does not need to review facilities or site information related to standby generation as long as it is operated in open-transfer mode and not operated in parallel with the BC Hydro system. A generator must not under any circumstances run in parallel or synchronized with the BC Hydro system until all the requirements of the Closed-Transition review process are met including the completion of Site Acceptance Testing and a Declaration of Compatibility.

### **How long will my CTT project take to complete?**

A typical CTT project can take between 3 to 5 months.

We also publish a *CTT Process Flowchart* on [www.bchydro.com](http://www.bchydro.com) on the [Distribution Generator Interconnections page](#) so that you can effectively navigate our connection process.

### **What does a CTT project cost?**

BC Hydro collects a \$10,500 deposit (\$10,000 plus applicable taxes) before any work can begin. CTT Projects are billed on actual. Cost reconciliation will be done at project completion. Any unused balance will be refunded and overages will be billed.

### **What are the technical interconnection requirements of a CTT interconnection project?**

You can review the *Technical Interconnection Requirements for Closed Transition Transfer of Power Generators* on [www.bchydro.com](http://www.bchydro.com) on the [Distribution Generator Interconnections page](#).

### **What project outcome can I expect?**

Once BC Hydro accepts your CTT application, we will issue you a signed Declaration of Compatibility (DoC), which permits you to operate your generator in parallel with the BC Hydro Distribution System in CTT manner.

**Important:** Customers are not permitted to operate generators in parallel with the BC Hydro Distribution System prior to receiving a signed DoC. Rule 84-002 of the Canadian Electrical Code.



## Distribution Generator Interconnections Closed Transition Transfer (CTT) Fact Sheet

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### How can I contact the distribution generator interconnection team?

Please contact us with any questions. You can visit our website to review and/or download application forms, reference guides and fact sheets.

Payments must be sent to the address below or we cannot guarantee your payment will be received.

Distribution Generator Interconnections (CTT)

BC Hydro

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