# Distribution Generator Interconnections Application Requirement Checklist 1 Certified Momentary CTT

We have prepared a checklist for Certified Momentary Closed Transition Transfer (CTT) of less than or equal to 100 ms using a CSA certified Automatic Transfer Switch (ATS) so that you can give us all the required information we need to assess your project. BC Hydro will begin work upon receipt of the deposit and an application that is deemed complete/valid.

The following items are required for applications for interconnection of a generator(s) in closed transition mode. Please submit all documents as clearly labelled pdfs

☐ **DEPOSIT $11,550 ($11,000 + GST)**

You may pay your deposit by cheque or Electronic Funds Transfer (EFT). Please mail your cheque to the address below or we cannot guarantee your payment will be received. If you wish to pay your deposit by EFT, please email us at **distribution.generators@bchydro.com** for more information.

Distribution Generator Interconnections (CTT)
BC Hydro
6911 Southpoint Drive, Podium BO3
Burnaby, BC V3N 4X8

☐ **COMPLETED APPLICATION FORM**

BC Hydro's Application for Interconnection, Power Generator(s) in Closed Transition Transfer Mode is available on **bchydro.com** (on the **Distribution Generator Interconnections** page). The form is to be signed and sealed by a Professional Engineer.

☐ **A NARRATIVE DESCRIPTION**

Description of the CTT system operating modes (normal, auto, manual and/or test mode) should include utility interconnection protection, normal and maximum closed transition transfer time limits and to lesser level of detail, a description of the facility power scheme and generator(s) operation

☐ **FACILITY SITE PLAN(S)**

Plan should show the location of service entrance and major electrical equipment (including incoming vaults, generators, switchgear, CTT switches).

☐ **SIMPLIFIED OVERALL FACILITY ELECTRICAL POWER DISTRIBUTION ONE-LINE DIAGRAM**

Diagram should show the service entrance, major power distribution equipment, all onsite generators, CTT switches/ATS(s), entrance transformer(s) complete with their winding connections, BC Hydro revenue metering, key interlock scheme(s), mechanical interlocks, entrance disconnect devices with assigned tag (aka identification) numbers, point of interconnection, voltage levels with equipment ratings and clear demarcation between existing and newly proposed equipment/change. A "Sample SLD for Extended CTT" (located on the **Distribution Generator Interconnections** page) can be used for reference.

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☐ **TECHNICAL SPECIFICATION(S) OR DATA SHEETS**

Manufacturer's technical specifications for the ATS(s) used in the CTT.

☐ **MANUFACTURER'S DOCUMENTATION ON CSA C22.2 NO. 178.1 CERTIFICATION OF CTT ATS**

The publishing year of the Canadian Standards Association (CSA) standard each ATS is certified to. For example, CSA C22.2 No. 178.1–14 was published in 2014.