



Clean Power Call Distribution Generator Interconnections Less than 35 kV

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September 18, 2008

BChydro 

Outline

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- Summary

Reliable power, at low cost, for generations. Reliable power, at low cost, for generations. Reliable power, at low cost, for generations. Reliable power, at low cost, for generations.

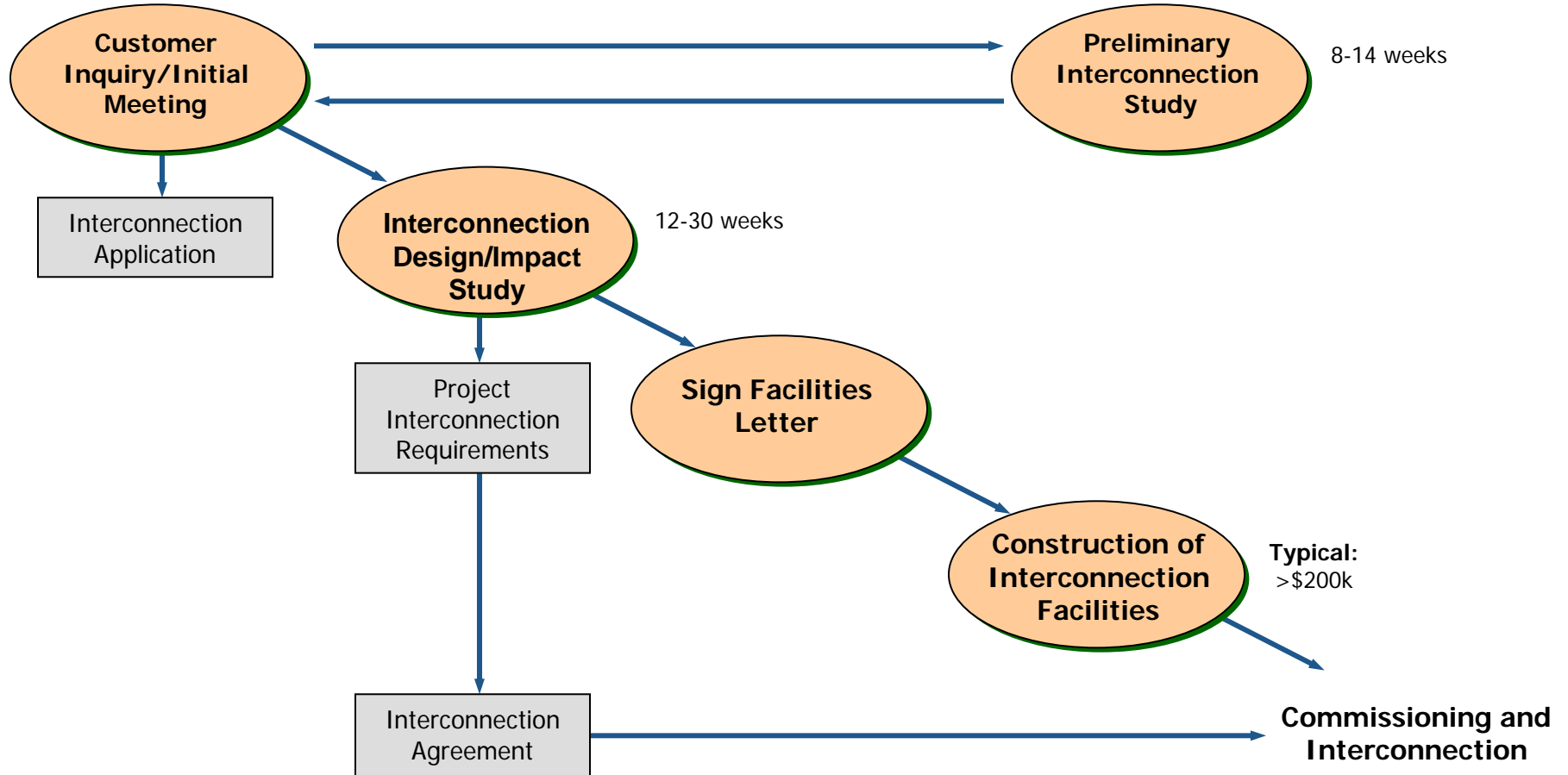
Timelines

BCTC Interconnection Workshop	September 18, 2008
Proponents Submit Application to BC Hydro (for Distribution System-connected Projects) for a Preliminary Interconnection Study	October 7, 2008
Filing of Preliminary Interconnection Study agreements with BC Hydro for Distribution System-connected Projects (4:00 p.m. PPT)	November 7, 2008
Release of Feasibility Study or Preliminary Interconnection Study as applicable	February 23, 2009

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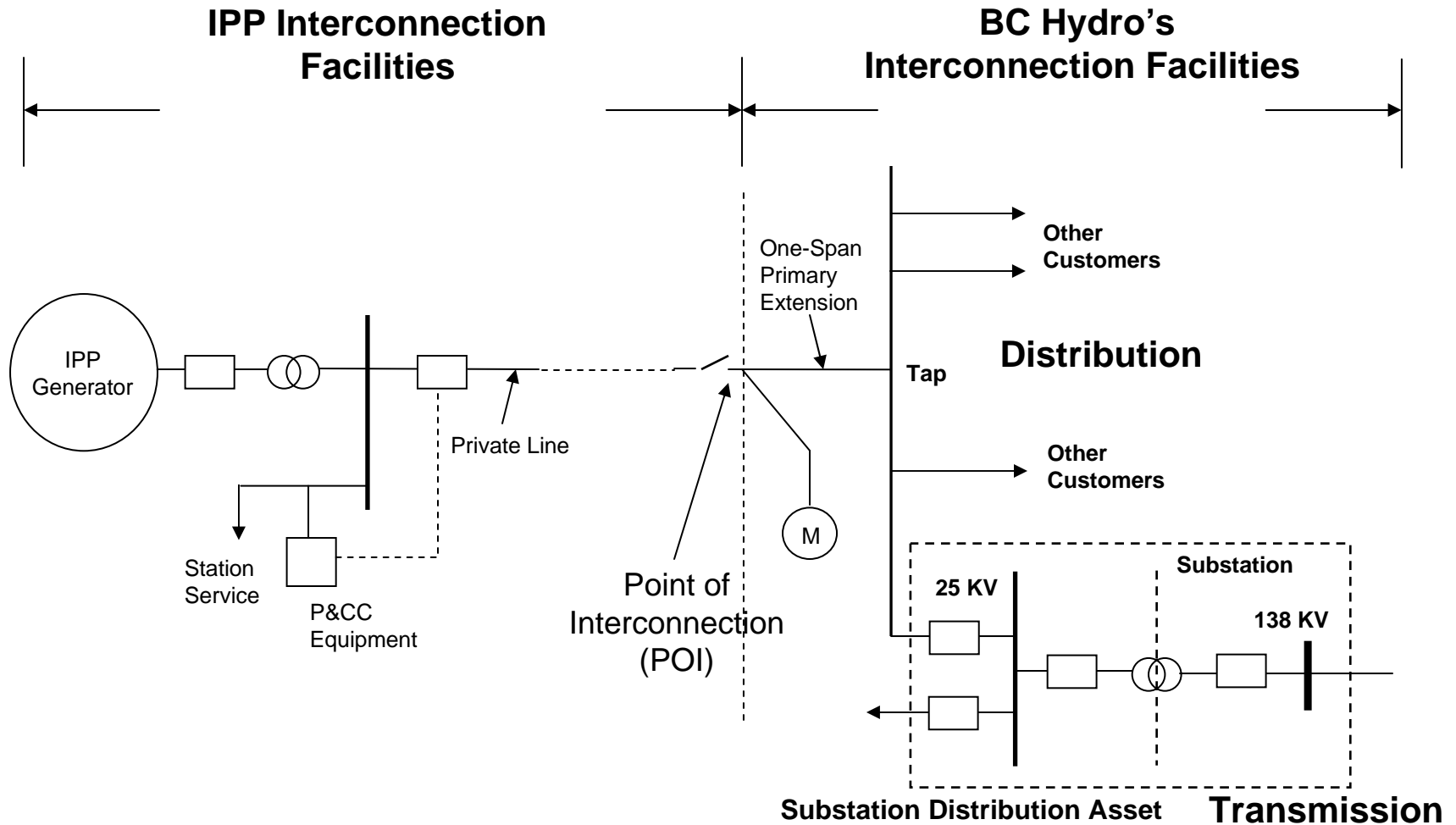
Distribution Generator Interconnection (35 KV or Less)

BC Hydro Interconnection Process for Generators with Transmission Impact:



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A Typical Distribution Generator Interconnection



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Process: Following CEAP

- Competitive Electricity Acquisition Process
- Part of BCTC OATT
- All CEAP applicants are in the same queue position
- Studies are done using same base case
- All applicants receive results same day and same format
- Interconnection costs are given for Distribution, Substation Distribution Asset (SDA), and Transmission facilities.
- D-connected applicants submit application ahead of T-connected Projects.
- If you are a successful bidder you have to apply for the next steps within certain time or you lose your queue position.

Role of GITS

- Generator Interconnection and Transmission Services (GITS) facilitate interconnection of D-connected generators to the distribution system
- GITS are the points of contact for D-connected generators
- GITS look after Interconnection Studies
- GITS look after Interconnection Agreements

Application

- A new form is developed for the application
- It is posted on our web site
- Application, to be completed, signed, sealed by a professional engineer, and submitted to BC Hydro by October 7, 2008; with a deposit of \$15,000
- The following should be submitted to BC Hydro by November 7, 2008:
 - > An electronic and a signed hard copy (sealed by a professional engineer) are required
 - > Signed Preliminary Study Agreement
 - > Another deposit for \$15,000 (Total \$30,000)

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Study Agreement

http://www.bchydro.com/rx_files/info/info55367.pdf

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Distribution Interconnection Studies

- The studies include all or some of the following
 - Feeder studies to identify :
 - constraints, needs and alternatives for:
 - » feeder thermal and voltage limits,
 - » fault levels,
 - » protection coordination,
 - » recloser control,
 - » location of capacitor bank and voltage regulator,
 - » primary service
 - Prepare interconnection cost estimates

Contacts

- Generator Interconnection and Transmission Services
333 Dunsmuir Street, 10th Floor
Vancouver, BC V6B 5R3
- Charley Ye 604-623-4138 charley.ye@bchydro.com
- Laila Bassim 604-623-3755 laila.bassim@bchydro.com
- For more information go to:
www.bchydro.com/interconnections

Summary

- Please:
 - > Follow timelines
 - > Submit signed & sealed initial application and submit \$15,000 to BC Hydro by October 7, 2008
 - > Sign Preliminary Interconnection Study Agreement, complete any deficiencies in the application and submit them plus the \$15,000 deposit to BC Hydro by November 7, 2008
 - > Call me or Charley if you have any inquiries regarding interconnection

Summary (con'd)

- GITS role is to facilitate and assist applicants in the Preliminary Interconnection Study
- Timelines, Timelines, and Timelines
- Completed Application
- Good luck

Comments or Questions

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