



Bio Energy #1 Distribution Generator Interconnections Less than 35 kV

Laila Bassim

February 20, 2008

Interconnection Outline

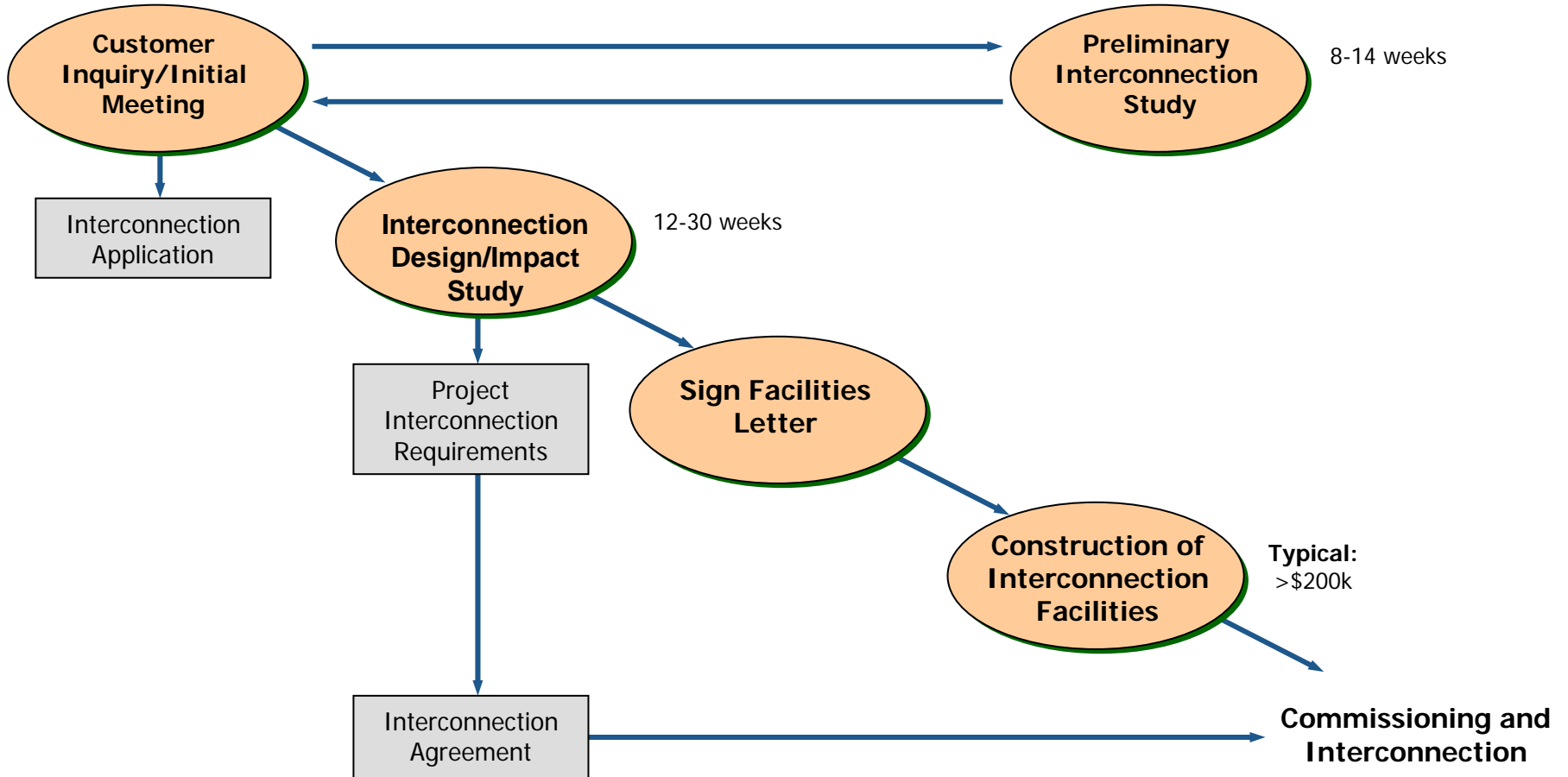
- Roles
- Process
- Timelines
- Application & Cost of Study
- Studies
- DO's and DON'Ts
- Contacts
- Summary

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

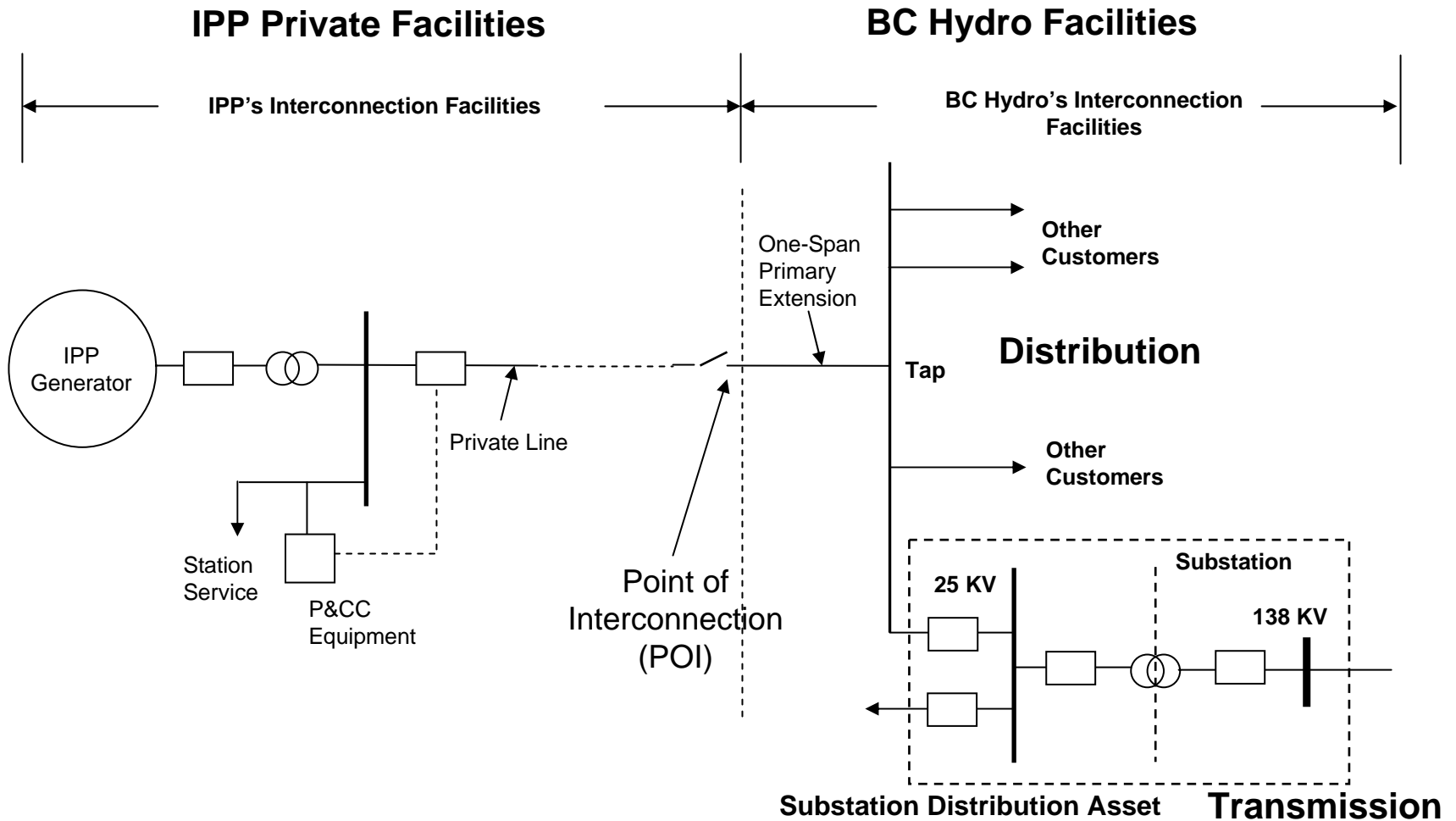
Distribution Generator Interconnection (35 KV or Less)

BC Hydro Interconnection Process for Generators with Transmission Impact:



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.

A Typical Distribution Generator Interconnection



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.

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

Timelines

Proponents Submit Application to BC Hydro (for Distribution System-connected Projects) for a Preliminary Interconnection Study	February 29, 2008
Proponent Information Session	March 26, 2008
Filing of Preliminary Interconnection Study agreements with BC Hydro for Distribution System-connected Projects (4:00 p.m. PPT)	March 31, 2008
Release of Preliminary Interconnection Study	June 20, 2008

Application

- A new application form is developed “Generator Interconnection Equipment Statement” (GIES)
- Similar to BCTC application to ease data transfer and studies
- GIES will be posted on our web site by February 22nd
- The application signed by professional Engineer licensed in the Province of BC (hard and electronic) copies are required by February 29, 2008
- A signed Preliminary Study Agreement, Completed application and deposit (Cheque for \$30,000) have to be submitted by March 31st, 2008

D-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 a non-binding good faith interconnection cost estimate

DO's and Don'ts

- **Do's:**

- > Follow timelines
- > Submit signed application by February 29th, 2008
- > Complete any deficiencies in the application by March 31st, 2008
- > Submit \$30,000 to BC Hydro by March 31st
- > Sign Preliminary Interconnection Study Agreement by March 31st, 2008
- > Call me or Charley if you have any inquiries about interconnection

DO's and Don'ts

- Don'ts:
 - > Ignore timelines
 - > Miss submitting application by March 29, 2008
 - > Leave deficiencies uncompleted
 - > Forget to sign application in February 29, 2008 submission, or in March 31st submission
 - > Late submission of deposit, \$30,000 to BC Hydro

Contacts

- Generator Interconnection and Transmission Services
333 Dunsmuir Street, 10th Floor
Vancouver, BC V6B 5R3

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Charley Ye

charley.ye@bchydro.com

604-623-4138

Laila Bassim

laila.bassim@bchydro.com

604-623-3755

- For more information go to:

www.bchydro.com/interconnections

Summary

- 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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