

Distribution Generator Interconnections

Facilities Study fact sheet

The Facilities Study is the final study of the interconnection process. During the Facilities Study, we develop a project plan, which includes the detailed design for the network upgrades required for the interconnection of your proposed generator. The Facilities Study report you receive will estimate the cost of the equipment, engineering, procurement and construction work required to implement the conclusions of the previous step in the interconnection process, the System Impact Study (SIS).



THE FACILITIES STUDY PHASE WILL CONSIST OF:

1. Feasibility phase

- a. Confirms preliminary design, identification of key project delivery risks and development of mitigation plans, update of the project schedule and deliverables
- b. A pre-payment is required, which ranges from \$40,000 to \$75,000 and is financially reconciled at the end, based on actual costs.

2. Definition phase

- a. Includes completion of detailed design, issuance of permits, identification of key project delivery risks, development of mitigation plans, update of the project schedule and estimated costs of the Network Upgrades and Revenue Metering.
- b. This phase will require financial security (ie: letter of credit) for the Network Upgrades. The amount of security will vary, as the project may require procuring materials with long-lead times, as well as early construction works in order to maintain project timelines.

HOW LONG WILL MY FACILITIES STUDY TAKE TO COMPLETE?

The length of a Facilities Study can vary depending on the project, the location being studied and current BC Hydro workload. The length of your Facilities Study is estimated in your SIS report. Typical durations range from 6 months to 12 months.

ARE THERE ANY PREREQUISITES BEFORE I CAN START MY PROJECT'S FACILITIES STUDY?

Yes. Before we can start your Facilities Study, you need to have completed a Basic Distribution System Information Request and a System Impact Study. We recommend completing a Screening Study too; however a Screening Study is optional.

WHAT ARE THE SUBMISSION REQUIREMENTS FOR THE FACILITIES STUDY?

The information that you submitted for your project's System Impact Study and the results of that work will be the basis for your Facilities Study. From time to time additional information may be requested.

WHAT IS INCLUDED IN MY FACILITIES STUDY REPORT?

Your Facilities Studies report will include the following:

- Detailed design of network upgrades required for your interconnection
- A P50 design-level cost estimate (+15% / -10%)
- Project schedule and estimated In-Service Date of the interconnection facilities

AFTER A FACILITIES STUDY, WHAT IS THE NEXT STEP FOR MY PROPOSED PROJECT?

Once you have received your Facilities Study report, you will be able to execute your Distribution Generator Interconnection Agreement.



The facilities study contains a project plan, including a detailed design for the network upgrades required for your proposed project's interconnection. This study also provides a design-level cost estimate (+15% / -10%) of the work and materials required to implement these network upgrades.

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.

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