Interconnections Statistics Transmission Load

Q1 report

BC Hydro
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Transmission Load

Transmission Load Interconnections are connections of load customers to the BC Hydro transmission system (60 kV and above). The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q1 of Fiscal 2022 (April 1, 2021 through June 30, 2021). The target delivery dates for various interconnection phases are compared to the actual completion dates to derive the "% Meeting Target Delivery Dates" measure. Study / project durations are variable due to a number of factors, including load / project size, location and complexity. Study / project timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes. The larger dollar amount thresholds for studies / projects are generally indicative of higher complexity.

F22—Q1 April 1, 2021 to June 30, 2021

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
System impact studies				
Studies < than $50k	34	2	2	100%
Studies ≥ than $50k < than $300k	186	9	10	90%
Studies ≥ than $300k	N/A	0	0	N/A
Facilities studies				
Studies < than $150k	N/A	0	0	N/A
Studies ≥ than $150k < than $1M	146	2	2	100%
Studies ≥ than $1M	N/A	0	0	N/A
Implementation				
Projects < than $250k	N/A	0	0	N/A
Projects ≥ than $250k < than $20M	N/A	0	0	N/A
Projects ≥ than $20M	N/A	0	0	N/A

* Target delivery dates are communicated prior to the initiation of the work and may change due to changes in project scope or other events.

The following reports provide the statistics for the delivery timelines of Transmission Closed Transition Transfer requests to BC Hydro's for Q1 of Fiscal 2022 (April 1, 2021 through June 30, 2021). Project durations are variable due to a number of factors, including project size, location and complexity. Projects timelines can also change due to scope changes or other elements outside the control of BC Hydro including customer driven changes.

F22—Q1 April 1, 2021 to June 30, 2021

TRANSMISSION CLOSED TRANSITION TRANSFER PROJECTS

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
Planning & project interconnection requirements				
All projects	N/A	0	0	N/A

The following table provides the statistics for the study delivery timelines for transmission load interconnection requests that can be processed using the expedited transmission interconnection process. Request that can follow this process are considered low complexity projects where the interconnection scope of work is limited. Typically these projects do not trigger a new Point of Interconnection (POI) and have limited potential impacts to the BC Hydro Transmission system. Examples of customer requests that may fit in this category are a small load increase at an existing customer site, indirect load interconnection by sharing an existing POI with an existing customer, or load replacement at an existing customer site (not trigger any system reinforcements). Although we report the performance metrics for studies that follow the expedited transmission interconnection process separately, these studies are included in the Transmission Load Interconnections performance metrics above.

F22—Q1 April 1, 2021 to June 30, 2021

EXPEDITED TRANSMISSION INTERCONNECTION PROCESS

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
Expedited transmission interconnection process				
System impact study	34	2	2	100%
Facilities Study	N/A	0	0	N/A

Note: No implementation timelines are reported separately for the expedited transmission interconnection process as BC Hydro scope of work is typically less than the customer's scope of work and is not on the critical path for low complexity projects. The implementation metrics for these projects will be included in the Transmission Load Interconnection performance metrics when the projects complete implementation.

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