Interconnections Statistics Transmission Load

Q4 Report Fiscal Year 2022

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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

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

Transmission Load

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 delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q2 of Fiscal 2022 (July 1, 2021 through September 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—Q2 July 1, 2021 to September 30, 2021

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
System impact studies				
Studies < than $50k	91	1	1	100%
Studies ≥ than $50k < than $300k	139	5	5	100%
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	N/A	0	0	N/A
Studies ≥ than $1M	N/A	0	0	N/A
Implementation				
Projects < than $250k	85	1	1	100%
Projects ≥ than $250k < than $20M	N/A	0	0	N/A
Projects ≥ than $20M	1084	1	1	100%

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

Transmission Load

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 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).

F22—Q2 July 1, 2021 to September 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	91	1	1	100%
Facilities Study	N/A	0	0	N/A

Note: No implementation timeline provided 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 following reports provide the statistics for the delivery timelines of Transmission Closed Transition Transfer requests to BC Hydro's for Q2 of Fiscal 2022 (July 1, 2021 through September 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—Q2 July 1, 2021 to September 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

Transmission Load

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q3 of Fiscal 2022 (October 1, 2021 through December 31, 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– Q3 October 1, 2021 to December 31, 2021

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
System impact studies				
Studies < than $50k	N/A	0	0	N/A
Studies ≥ than $50k < than $300k	168	4	4	100%
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	N/A	0	0	N/A
Studies ≥ than $1M	473	2	2	100%
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 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 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).

F22—Q3 October 1, 2021 to December 31, 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	N/A	0	0	N/A
Facilities Study	N/A	0	0	N/A

Note: No implementation timeline provided 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.

Transmission Load

The following reports provide the statistics for the delivery timelines of Transmission Closed Transition Transfer requests to BC Hydro's for Q3 of Fiscal 2022 (October 1, 2021 through December 31, 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—Q3 October 1, 2021 to December 31, 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 delivery timelines of transmission voltage load interconnection requests to BC Hydro for Q4 of Fiscal 2021 (January 1, 2022 through March 31, 2022). 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—Q4 January 1, 2022 to March 31, 2022

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
System impact studies				
Studies < than $50k	82	2	2	100%
Studies ≥ than $50k < than $300k	253	2	3	67%
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	240	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.

Transmission Load

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 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).

F22—Q4 January 1, 2022 to March 31, 2022

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	82	2	2	100%
Facilities Study	N/A	0	0	N/A

Note: No implementation timeline provided 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.

F22—Q4 January 1, 2022 to March 31, 2022

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

Transmission Load

The following table provides the statistics for the delivery timelines of transmission voltage load interconnection requests to BC Hydro for Fiscal 2022 (April 1, 2021 through March 31, 2022). 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—YTD April 1, 2021 to March 31, 2022

	Average timeline (days)	Number of projects on time	Number of total projects	% Meeting target delivery dates*
System impact studies				
Studies < than $50k	34	5	5	100%
Studies ≥ than $50k < than $300k	186	20	22	91%
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	4	4	100%
Studies ≥ than $1M	N/A	2	2	100%
Implementation				
Projects < than $250k	N/A	1	1	100%
Projects ≥ than $250k < than $20M	N/A	0	0	N/A
Projects ≥ than $20M	N/A	1	1	100%

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

Transmission Load

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 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).

F22—YTD April 1, 2021 to March 31, 2022

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	6	6	100%
Facilities Study	N/A	0	0	N/A

Note: No implementation timeline provided 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.

F22—YTD April 1, 2021 to March 31, 2022

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

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