

AESO Transmission System Projects - Quarterly Report - Q1 2021

- see notes at the end of this document for report terminology and definitions



Project Name and Number	Need Application Filing	Need Application Approval	Need Application Estimated Cost	TFO	Facility Application Number	Facility Application Name	Facility Application Filing	Facility Application Approval	Service Proposal Estimated Cost	Authorized Budget	Energization Number	Energization Name	Forecast n-Service Date
1343 - Fidler Substation Connection	Nov 01, 2012	May 10, 2013	Service Proposal	AltaLink	1	Transformer #1	Oct 31, 2012	Jul 26, 2013	\$78.67M	\$81.28M	1	Transformer #1	Jun 27, 2014
					2	Transformer #2	TBD*	TBD*	\$10.13M	\$10.13M	2	Transformer #2	TBD*
1381 - 807L Capacity Increase	Sep 30, 2016	Jan 23, 2017	Service Proposal	AltaLink	1	All AltaLink Facilities	Nov 25, 2016	Jan 23, 2017	\$4.31M	\$4.31M	1	All Equipment	Oct 11, 2021
1781 - Provost to Edgerton & Nilrem to Vermilion Transmission Development	Dec 16, 2016	Apr 10, 2019	\$241.83M	ATCO	1	ATCO Drury 2007S and 240 kV Transmission Line to AltaLink Service Boundary	Dec 11, 2020	Nov 30, 2021	\$55.70M	\$55.70M	1	Drury 2007S and Transmission Lines	Dec 31, 2022
				AltaLink	2	AltaLink 240 kv Transmission Line from Nilrem to ATCO Service Boundary	Dec 11, 2020	Nov 30, 2021	\$104.38M	\$104.38M	2	240 kV Line Nilrem to ATCO Service Boundary	Dec 31, 2022
				AltaLink	3	AltaLink Hansman Lake to Edgerton	Dec 11, 2020	Nov 30, 2021	\$121.76M	\$121.76M	3	240 kV Line Hansman Lake to Edgerton - Stage 1	Dec 31, 2023
											4	240 kV Line Hansman Lake to Edgerton - Stage 2	TBD*
1784 - Addition of Voltage Support at Rycroft 730S Substation	Dec 15, 2017	May 03, 2019	\$40.32M	ATCO	1	All Project Facilities	Dec 12, 2019	Aug 11, 2020	\$39.50M	\$39.50M	1	All Equipment	Mar 15, 2023
7001 - Central East Transfer-Out	Aug 12, 2020	Oct 08, 2021	\$471.45M	ATCO	1	ATCO Facilities	Sep 25, 2020	Oct 08, 2021	\$163.19M	\$163.19M	1	240 kV Line from Tinchebray to Gaetz - ATCO Portion	Jan 26, 2024
				AltaLink	2	AltaLink Facilities	Sep 25, 2020	Oct 08, 2021	\$158.99M	\$158.99M	2	240 kV Line from Tinchebray to Gaetz - AltaLink Portion	Jan 26, 2024
7064 - Chapel Rock to Pincher Creek Area**	Pending	Pending	Future	AltaLink	1	All Project Facilities	Pending	Pending	Future	Future	1	All Equipment	TBD*

* This portion of the project will not proceed until certain milestones that were filed with the NID have been met.

** Previously known as P1034 Castle Rock Ridge to Chapel Rock, a component of the P0787 Southern Alberta Transmission Reinforcement project.

Report Notes:

1. This report includes any System projects that have had a Need Application filed with the AUC. Projects will no longer appear on this report once all Energizations for the Project are in service.
2. Dates in this report show both forecast and actual. Dates that are prior to the report date are actuals. Dates that are post the report date are forecast.

Column Explanations:

1. Project Name and Number: This is the AESO designation for all of the project work that falls under a system study. This will include the Need Application, Facility Application, and Energizations.
2. Need Application Filing: This is the date a Need Identification Document (NID) has been submitted to the AUC for approval as per the requirement of Section 34(1) of the Act.
3. Need Application Approval: This is the date the NID is approved by the AUC.
4. Need Application Estimated Cost: This is the +/- 30% estimate provided to the AUC in the NID. If this is a combined filing with the TFO Facility Application, the Service Proposal Estimate is used instead.
5. TFO: This is the Transmission Facility Owner(s) (TFO) who file the Facility Applications, and are responsible for the estimates, schedule, construction and costs for the project.
6. Facility Application Number: This is used to identify individual Facility Application Filings within the project.
7. Facility Application Name: This is the name of the TFO's Facility Application Filing (sometimes called Permit and License application) that has been registered with the AUC. There may be multiple Facility Applications associated with a Project.
8. Facility Application Filing: This is the date the Facility Application was registered with the AUC.
9. Facility Application Approval: This is the date the Facility Application is approved by the AUC.
10. Service Proposal Estimated Cost: This is the +20 / -10% estimate that is provided to the AESO by the TFO in the Service Proposal, in support of the Facility Application.
11. Authorized Budget: This is the amount of the Service Proposal Estimated Cost, plus or minus any Authorized Changes from TFO that have been approved by the AESO.
12. Energization Number: This is used to identify individual energizations within the project.
13. Energization Name: This is the identifier within the Facility Application of the energization dates of various pieces of equipment. There may be multiple Energizations associated with a Facility Application.
14. Forecast In-Service Date: This is the most recent information the TFO has provided on the expected In Service Date of the equipment within the Energization.

Public

Alberta Electric System Operator

Calgary Place, 2500, 330-5th Avenue SW Calgary, AB T2P 0L4

Phone: 403-539-2450 | Fax: 403-539-2949

www.aeso.ca

@theaeso