

# AESO Transmission System Projects - Quarterly Report - Q1 2020

- 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 In-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 05, 2020             |
| 1456 - Calgary Downtown Transmission Reinforcement                        | Nov 18, 2015            | Jun 01, 2016              | \$100.58M                       | ENMAX    | 1                           | Enmax Facilities   | Nov 30, 2017                | Nov 09, 2018                  | \$101.69M                       | \$101.69M         | 1                   | All Equipment                               | Mar 30, 2021             |
| 1781 - Provost to Edgerton & Nilrem to Vermilion Transmission Development | Dec 16, 2016            | Apr 10, 2019              | \$241.83M                       | AltaLink | 1                           | ATCO Drury 2007S and 240 kV Transmission Line to AltaLink Service Boundary | Sep 15, 2020                | May 13, 2021                  | Future                          | Future            | 1                   | Drury 2007S and Transmission Lines          | Dec 20, 2022             |
|   |                         |                           |                                 |          | 2                           | AltaLink 240 kv Transmission Line from Nilrem to ATCO Service Boundary     | Sep 18, 2020                | Sep 01, 2021                  | Future                          | Future            | 2                   | 240 kV Line Nilrem to ATCO Service Boundary | Dec 20, 2022             |
|   |                         |                           |                                 |          | 3                           | AltaLink Hansman Lake to Edgerton  | Sep 18, 2020                | Sep 01, 2021                  | Future                          | Future            | 3                   | 240 kV Line Hansman Lake to Edgerton        | Dec 20, 2022             |
| 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                | Sep 01, 2020                  | \$39.50M                        | \$39.50M          | 1                   | All Equipment                               | Dec 31, 2022             |
| 7064 - Chapel Rock to Pincher Creek Area**                                | Pending                 | Pending                   | Future                          | AltaLink | 1                           | All Project Facilities   | Pending                     | Pending                       | Future                          | Future            | 1                   | All Equipment                               | Dec 29, 2023             |

\* 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.