

The Facility Status Update describes the current status of facilities that were applied for, are under construction or have been placed on-stream since the 2016 Annual Plan was issued on December 14, 2016. Periodic updates are being provided based on the level of activity occurring with respect to facilities. Facilities with (AP) after the project name refer to facilities in the ATCO Pipelines footprint.

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
2015 Meter Station and Associated Lateral Abandonment	Barich Bigstone East Bigstone East B Clyde North Craigend North Dapp East Devenish South Daysland Hamlin Jones Lake East Killam North Minnow Lake South Sales Niobe Creek Niton North Pleasant West Ribstone Valhalla East Woking Nosehill Creek Lateral	Q4 2017	Approved May 27, 2016	Aug 31, 2015 - Initial TTFP Notification Oct 19, 2015 - NEB Application Filed Link to Application	5.8
2016 Meter Station and Associated Lateral Abandonment	Coleman Enchant Grew Lake Grew Lake East Hotchkiss Hotchkiss East Meanook Rambling Creek East Sharrow South No. 2 Steele Lake	Q3 2017 to Q1 2018	Approved Sep 25, 2017	Nov 1, 2016 - Initial TTFP Notification Dec 13, 2016 - NEB Application Filed Link to Application	6.7
2016 Pipeline Decommissioning Program	Crossfield Lat Lp Mitsue Lat Lp Big Bend Lat Ricinus Lat Sedalia North Lat Tangent Lat (Tangent M/S) Atmore Lat (Atmore M/S) Bassano South Lat	Q3 2017 to Q4 2019	Approved Jun 13, 2017	Dec 19, 2016 - Initial TTFP Notification Jan 23, 2017 - NEB Application Filed Link to Application	5.6

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
2017 Meter Stations and Laterals Abandonment Program	<p><u>Meter Stations w/Laterals</u></p> <p>Acadia East Acadia North Acadia Valley Bear Canyon West Big Bend East Blueberry Hill Blue Jay Donatville Hines Creek Hines Creek West Last Lake Lawrence Lake Manir Mills Tangent East</p> <p><u>Stand-Alone Meters</u></p> <p>Elinor Lake East Mega River Mega River No. 2 Rod Lake Rod Lake Sales Rossbear Lake Snowfall Creek Squirrel Mountain <i>Owl Lake South</i> <i>Owl Lake South No. 2</i> <i>Owl Lake South No. 3</i></p> <p><u>Stand-Alone Laterals</u></p> <p>Alderson Lateral Kaybob South Lateral McNeill X-Over</p>	Q3 2018 to Q4 2019	Applied for Aug 21, 2017	<p>Jun 29, 2017 - Initial TTFP Notification</p> <p>Aug 21, 2017 - NEB Application Filed Link to Application</p>	16.4
Aitken Creek Compressor Station ³	15 MW Bi-directional	TBD	Certificate Approval Jun 10, 2015	<p>Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan</p> <p>Nov 8, 2013 - NEB Application Filed Link to Application</p> <p>Mar 20, 2017 - NEB Variance Application Link to Application</p>	72 - ROT 98 - Class 4
Albersun Pipeline Asset Purchase	179 km	TBD	Applied for Apr 27, 2016	<p>May 12, 2015 - Initial TTFP Presentation</p> <p>Apr 27, 2016 - NEB Application Filed Link to Application</p>	28 - Class 5 30 - Class 4

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Alces River Compressor Station Unit Addition ⁴	15 MW	Nov 2017	<i>In-Service Nov 6, 2017</i>	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application March 14, 2017 - TTFP Update	79 - Class 5 85 - Class 4 67 - Class 3
Amber Valley Compressor Station	15 MW	Nov 2019	Proposed	March 14, 2017 - TTFP Update Jun 13, 2017 - TTFP Update Jul 21, 2017 - TTFP Facility Update	100 - ROT 89 - ROT
Bonanza Receipt Meter Station Expansion	2-1284U Ultrasonic Meter	Aug 2018	<i>Applied for Nov 3, 2017</i>	Oct 16, 2017- Initial TTFP Notification <i>Nov 3, 2017 - NEB Application Filed</i> Link to Application	5.5
Boulder Creek South Lateral	4 km NPS 8 17 km NPS 6	Jun 2017	In-Service Jun 9, 2017	Mar 8, 2016 - Initial TTFP Presentation May 16, 2016 - NEB Application Filed Link to Application	37 - Class 5 31 - Class 4
Buffalo Creek Compressor Station Unit Addition	30 MW	TBD	Deferred	Dec 7, 2015 - Initial TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral)	139 - ROT
Burton Creek Compressor Station Unit Addition	30 MW	Jun 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	116 - ROT
Calgary UPR – West Connector (AP) ⁵	19 km NPS 20 1 km NPS 16	Q4 2017	Applied for May 6, 2016	Oct 30, 2014 – Initial TTFP Presentation May 6, 2016 – AUC Application Filed Link to Application	88

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Christina Lake North Sales Meter Station Expansion	2-1210U Ultrasonic Meter	Mar 2018	Applied for Aug 18, 2017	Jul 20, 2017 - Initial TTFP Notification Aug 18, 2017 - NEB Application Filed Link to Application	4.4
Clarkson Valley Control Valve	Control Valve Installation	Jun 2019	Applied for Oct 2, 2017	Jul 21, 2017 - TTFP Facility Update Oct 2, 2017 - NEB Application Filed Link to Application	4.4 4.5 - Class 4
Clearwater Compressor Station Unit Addition	30 MW	Apr 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	117 - ROT
Cousins West Sales Meter Station	4 LVS	Aug 2017	In-Service Aug 9, 2017	May 11, 2017 - Initial TTFP Notification	1.4
Dawson Creek Receipt Meter Station	2-1610-4U	Q1 2017	In-Service Mar 27, 2017	Dec 23, 2015 - Initial TTFP Notification Apr 27, 2016 - NEB Application Filed Link to Application	5.6
<i>Dismal Creek North Receipt Meter Station</i>	<i>1010-4U</i>	<i>Oct 2018</i>	<i>Proposed</i>	<i>Nov 22, 2017 - NEB Application Filed</i> Link to Application <i>Nov 24, 2017 - Initial TTFP Notification</i>	<i>3.2</i>
<i>Drywood Compressor Station Coolers</i>		<i>Nov 2018</i>	<i>Proposed</i>	<i>Nov 14, 2017 - Initial TTFP Notification</i>	<i>15 - Class 4</i>
Edmonton UPR – NE Connector (AP) ⁵	8 km NPS 20	Q4 2018	Proposed	Oct 30, 2014 - Initial TTFP Presentation	34
Empress Area Extraction Connections Project	240 m Pipeline plus Valve Assemblies	Q3 2018	<i>Approved Nov 14, 2017</i>	Sep 8, 2017 - Initial TTFP Notification Oct 5, 2017 - NEB Application Filed Link to Application	17 - CIAC
Gold Creek South Receipt Meter Station Expansion	882 Orifice Meter	Apr 2018	Applied for Aug 19, 2017	Jul 26, 2018 - Initial TTFP Notification Aug 19, 2017 - NEB Application Filed Link to Application	3.0

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Goodfish Compressor Station	30 MW	Q1-Q3 2017	In-Service Sep 10, 2017	Oct 30, 2014- Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan Dec 18, 2014 - NEB Application Filed Link to Application Oct. 12, 2016 – TTFP Presentation (Facility Status Update)	135 - ROT 103 - Class 5
Gordondale Lateral Loop No. 3	25 km NPS 36	Jun 2019	Applied for Oct 2, 2017	Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan Oct 2, 2017 - NEB Application Filed Link to Application	96 - ROT 98 - Class 4
Grace Creek North Receipt Meter Station	660-2 Orifice Meter	Feb 2018	Approved Sep 12, 2017	Jun 1, 2017 - Initial TTFP Notification Jul 6, 2017 - NEB Application Filed Link to Application	2.0
Grande Prairie Mainline Loop No. 2 (McLeod River Section) ⁴	36 km NPS 48	Nov 2017	In-Service Sep 11, 2017	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application March 14, 2017 - TTFP Update	207 - Class 5 228 - Class 4 247 - Class 3
Grande Prairie Mainline Loop No.2 (McLeod River North Section)	33 km NPS 48	Nov 2019	Proposed	Jul 21, 2017 - TTFP Facility Update <i>November 14, 2017 - TTFP Facility Update</i>	108 - ROT <i>155 - ROT</i>
Grande Prairie Mainline Loop No.3 (Elmworth Section 1)	23 km NPS 48	Apr 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	150 - ROT
Grande Prairie Mainline Loop No.3 (Elmworth Section 2)	18 km NPS 48	Apr 2021	Proposed	Jul 21, 2017 - TTFP Facility Update	107 - ROT
Grande Prairie Mainline Loop No.3 (Elmworth Section 3)	26 km NPS 48	Apr 2021	Proposed	Jul 21, 2017 - TTFP Facility Update	176 - ROT

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Grey Owl Creek Receipt Meter Station Expansion	1212-4U Ultrasonic Meter	Oct 2017	In-Service Sep 18, 2017	Jan 31, 2017 - Initial TTFP Notification Mar 10, 2017 - NEB Application Filed Link to Application	3.6
Grey Owl Creek North Receipt Meter Station Expansion	882 Orifice Meter	Apr 2018	Approved Sep 7, 2017	Jun 1, 2017 - Initial TTFP Notification Jun 29, 2017 - NEB Application Filed Link to Application	3.2
Groundbirch Compressor Station ³	2-15 MW Units Bi-directional	Apr 2019	Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	103 - ROT 135 - Class 4
Groundbirch Mainline Loop (Sunrise Section)	25km NPS 36	Nov 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	107 - ROT
Hermit Lake No. 2 Sales Meter Station	2-860T Turbine Meter	Dec 2016	In-Service Jan 23, 2017	Aug 24, 2016 - Initial TTFP Notification	1.8
Hidden Lake North C/S Modifications	Yard Piping Modifications and Wheel Change	Apr 2018	Proposed	Aug 25, 2017 - Initial TTFP Notification	5
Hidden Lake North C/S Unit Addition	15 MW	TBD	Deferred	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan	78 - ROT
Hythe Lateral Loop No. 2	14 km NPS 24	Q4 2018	<i>Applied for Nov 1, 2017</i>	Dec 7, 2015 - Initial TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral) Sep 12, 2017 - TTFP Presentation (Scope/Status Update) <i>Nov 1, 2017 - NEB Application Filed</i> Link to Application	41 - Class 5 42 - Class 5 <i>40 - Class 4</i>

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Inland Looping (AP)	19 km NPS 20	Feb 2017	In-Service Feb 19, 2017	<p>Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan</p> <p>Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Jan 18, 2016 - AUC Application Filed Link to Application</p>	42
Ipiatik Lake Sales Meter Station Modifications	Modifications	Apr 2018	Applied for Sep 29, 2017	<p>Sep 6, 2017 - Initial TTFP Notification</p> <p>Sep 29, 2017 - NEB Application Filed Link to Application</p>	1.3
Kettle River Lateral Loop (Christina River Section) ⁴	20 km NPS 24	Apr 2017	In-Service May 13, 2017	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>March 14, 2017 - TTFP Update</p> <p>Sep 19, 2017 - Appendix 2 Update</p> <p>Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)</p>	<p>77 - Class 5</p> <p>76 - Class 4</p> <p>81 - Class 3</p> <p>77 - Class 3</p> <p>75 - EAC</p>
Latornell Compressor Station Unit Addition	30 MW	Jun 2019	Applied for Oct 2, 2017	<p>Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan</p> <p>Oct 2, 2017 - NEB Application Filed Link to Application</p>	<p>101 - ROT</p> <p>118 - Class 4</p>

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Liege Lateral Loop No.2 (Pelican Lake Section) ⁴	56 km NPS 30	Apr 2017	In-Service May 12, 2017	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>March 14, 2017 - TTFP Update</p> <p>Jun 13, 2017 - TTFP Update</p> <p>Sep 19, 2017 - Appendix 2 Update</p> <p>Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)</p>	<p>215 - Class 5</p> <p>233 - Class 4</p> <p>248 - Class 3</p> <p>193 - Class 3</p> <p>196 - EAC</p>
Livingstone Creek Receipt Meter Station	2-1064U Ultrasonic Meter	Aug 2015	In-Service Aug 7, 2015	Oct 23, 2014 - Initial TTFP Notification	7.1
Livingstone Creek No. 2 Receipt Meter Station	2-1064U Ultrasonic Meter	Mar 2017	In-Service Mar 3, 2017	Nov 19, 2014 - NEB Application Filed Link to Application	
Lodgepole Compressor Station Unit Addition and Interconnect	5 MW	Nov 2017	Approved May 5, 2016 Interconnect & Compressor Under Construction	<p>Dec 7, 2015 - Initial TTFP Presentation, 2015 Annual Plan Link to Annual Plan</p> <p>Feb 12, 2016 - NEB Application Filed Link to Application</p>	<p>62 - ROT</p> <p>66 - Class 5</p>
McDermott Extension	8 km NPS 20	Aug 2016	In-Service Oct 29, 2016	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan	44 - Class 4
Calumet River Sales	2-1280U		In-Service Nov 7, 2016	Dec 10, 2014 - NEB Application Filed Link to Application	
Calumet River No. 2 Sales Meter Stations	LVS-2	Apr 2017	In-Service May 31, 2017		
Medicine Hat Compressor Station	3.5 MW	Q2 2017	In-Service May 5, 2017	<p>Sep 15, 2015 - Initial TTFP Presentation</p> <p>Oct 30, 2015 - NEB Application Filed Link to Application</p> <p>Aug 29, 2017 - Appendix 2 Update</p>	<p>61 - Class 5</p> <p>67 - Class 4</p> <p>61 - Class 3</p>

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
North Central Corridor Loop (North Star Section 1)	32 km NPS 48	April 2020	Proposed	Dec 7, 2015 - Initial TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral) Jul 21, 2017 - TTFP Facility Update	200 - ROT 193 - ROT
<i>North Heart River Receipt Meter Station</i>	<i>442</i>	<i>Jul 2018</i>	<i>Proposed</i>	<i>Nov 20, 2017 - Initial TTFP Notification</i>	<i>2.7</i>
North Montney Mainline (Aitken Creek Section) ³	182 km NPS 42	Apr 2019	Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	762 - ROT 930 - Class 4
North Montney Mainline (Kahta Section - South) ³	24 km NPS 42	April 2020		Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	 174 - Class 4
North Montney Mainline (Kahta Section - North) ³	95 km NPS 42	TBD	Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	 331 - Class 4

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Remaining North Montney Mainline Receipt Meter Stations Included in Certificate³			Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan	66 - Class 5
Kahta Creek Kahta Creek North Buckinghorse River Mason Creek Beatton River Lily Halfway River Aitken Creek West Aitken Creek East	TBD	TBD		Nov 8, 2013 - NEB Application Filed Link to Application	34 - Class 4
Mackie Creek Interconnect Receipt Meter Stations Subject to Variance Application	TBD	TBD			8 - Class 4
Blair Creek Gundy Kobes Altares Blair Creek East Aitken Creek Interconnect (bi-directional storage)	2-16104U Ultrasonic 2-1284U Ultrasonic 2-1064U Ultrasonic 2-1064U Ultrasonic 882 Orifice Meter 2-2416U Ultrasonic	Apr 2020 Apr 2019 Apr 2021 Apr 2019 Apr 2020 Apr 2019		Mar 20, 2017 - NEB Variance Application Link to Application	39 - Class 4
New Receipt Meter Stations				Apr 27, 2017 - TTFP Notifications May 18-25, 2017 - NEB Applications Filed	28 - ROT
Mackie Creek North Altares South Townsend Townsend No. 2 Gundy West Old Alaska Aitken Creek South Aitken Creek West No. 2	662 Orifice Meter 882 Orifice Meter 882 Orifice Meter 882 Orifice Meter 882 Orifice Meter 882 Orifice Meter 2-1284U Ultrasonic 442 Orifice Meter	Apr 2019 Apr 2019 Apr 2019 Apr 2019 Apr 2019 Apr 2019 Apr 2019 Apr 2020	Applied for May 18-25, 2017	Link to Application Link to Application Link to Application Link to Application Link to Application Link to Application Link to Application Link to Application	

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Northwest Mainline Loop No. 2 (Bear Canyon Section) ⁴	27 km NPS 36	Apr 2017	In-Service May 7, 2017	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>March 14, 2017 - TTFP Update</p> <p>Jun 13, 2017 - TTFP Update</p> <p>Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)</p>	<p>110 - Class 5</p> <p>116 - Class 4</p> <p>111 - Class 3</p> <p>133 - EAC</p>
Northwest Mainline Loop No. 2 (Bear Canyon North Section)	26 km NPS 36	Nov 2019	Proposed	Jul 21, 2017 - TTFP Facility Update	99 - ROT
Northwest Mainline Loop (Boundary Lake Section) ⁴	58 km NPS 36 33 km NPS 36	Apr 2017 Apr 2018	In-Service Jun 2, 2017 Approved Oct 31, 2016	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>March 14, 2017 - TTFP Update</p> <p>Jun 13, 2017 - TTFP Update</p>	<p>384 - Class 5</p> <p>442 - Class 4</p> <p>424 - Class 3</p>
Northwest Mainline Loop (Boundary Lake North Section)	25 km NPS 36	Apr 2019	Proposed	Jul 21, 2017 - TTFP Facility Update	115 - ROT
Northwest Mainline Loop (Peace River Crossing)	4 km NPS 36	Nov 2019	Proposed	<p>Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan</p> <p>Jun 13, 2017 - TTFP Update</p> <p>Jul 21, 2017- TTFP Facility Update</p>	<p>40 - Class 5</p> <p>39 - Class 5</p>

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Otter Lake Compressor Station Unit Addition ⁴	30 MW	Nov 2017	Under Construction	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>March 14, 2017 - TTFP Update</p>	<p>115 - Class 5</p> <p>113 - Class 4</p> <p>116 - Class 3</p>
Peace River Mainline Abandonment (Meikle River to Valleyview Section)	266 km NPS 20 2.3 km NPS 4	TBD	Applied for Aug 18, 2016	<p>Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan</p> <p>Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Jul 22, 2016 - TTFP Presentation (Filing/Scope Change)</p> <p>Aug 18, 2016 - NEB Application Filed Link to Application</p>	29.7 - Class 4
Peigan Trail Pipeline - UPR (AP) ⁵	3 km NPS 16	Dec 2016	In-Service Dec 22, 2016	<p>Jul 10, 2012 - Initial TTFP Presentation</p> <p>Jul 20, 2016 - AUC Application Filed Link to Application</p>	15.0
Pembina Expansion Project (AP) ⁶	20.2 km NPS 24	May 2017	Under Construction	<p>Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Jan 29, 2016 - AUC Application Filed Link to Application</p>	66
Princess Compressor Station A and D Decommissioning	Decommissioning of A and D Buildings	Feb 2017	<p>Under Construction</p> <p>Completed Jul 6, 2017</p>	<p>Jan 4, 2017 – Initial TTFP Notification</p> <p>Jan 20, 2017 – NEB Streamlining Order Notification Link to Notification</p>	11.0

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Resthaven Receipt Meter Station Expansion	2-1280U Ultrasonic Meter	Apr 2018	Approved Sep 8, 2017	May 11, 2017 - Initial TTFP Notification May 26, 2017 - NEB Application Filed Link to Application	4.3
<i>Rodney Creek Receipt Meter Station</i>	<i>660-2 Orifice Meter</i>	<i>Aug 2018</i>	<i>Applied for - Nov 22, 2017</i>	<i>Nov 6, 2017 - Initial TTFP Notification</i> <i>Nov 22, 2017 - NEB Application Filed</i> <i>Link to Application</i>	<i>2.2</i>
Saddle Hills Compressor Station Unit Addition and Control Valve Modifications	30 MW	Jun 2019	Applied for Oct 2, 2017	Dec 5, 2016 - Initial TTFP Notification, 2016 annual Plan Link to Annual Plan Jun 13, 2017 - TTFP Update Oct 2, 2017 - NEB Application Filed Link to Application	74 - ROT 119 - Class 5 118 - Class 4
Saturn Compressor Station ³	15 MW Bi-directional	Apr 2020	Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	70 - ROT 86 - Class 4
Saturn Compressor Station – Unit 2 ³	15 MW Bi-directional	TBD	Certificate Approval Jun 10, 2015	Oct 22, 2013 - Initial TTFP Presentation, 2013 Annual Plan Link to Annual Plan Nov 8, 2013 - NEB Application Filed Link to Application Mar 20, 2017 - NEB Variance Application Link to Application	63 - ROT
Saturn No. 2 Receipt Meter Station	2-1060U-4 Ultrasonic Meter	Apr 2018	Applied for Aug 29, 2017	Aug 9, 2017 - Initial TTFP Notification Aug 29, 2017 - NEB Application Filed Link to Application	3.8

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Smoky River Lateral Loop	28 km NPS 24	Apr 2019	Proposed	Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan Sep 12, 2017 - TTFP Presentation (Scope/Status Update)	54 - Class 5 118 - Class 5
South Kirby Expansion Project	39 km NPS 24	TBD	Deferred	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation, 2018 Expansion Project Facilities Update	137- Class 5
Southwest Edmonton Connector – UPR (AP) ⁵	21 km NPS 20	Q2 2017	In-Service April 1, 2017	Jul 10, 2012 - Initial TTFP Presentation Jun 2, 2015 - AUC Application Filed Link to Application	93
Strathmore NW Lateral Loop (AP)	7 km NPS 3	Nov 2018	Proposed	Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan	4
Sturgeon Refinery Process Delivery and Lateral (AP)	2-AAT 140 Meter 1 km NPS 12	Nov 2016	In-Service Feb 15, 2017	Jun 9, 2016 - AUC Application Filed Link to Application	6.5
Sundre Crossover	20 km NPS 42	Apr 2018	Applied for Mar 24, 2017	Dec 7, 2015 - Initial TTFP Presentation, 2015 Annual Plan Link to Annual Plan May 17, 2016 - TTFP Presentation (Scope Change) Nov 2016 - Appendix 2 Class Estimate Update Mar 24, 2017 - NEB Application Filed Link to Application Jul 21, 2017 - TTFP Facility Update	240 - ROT 137 - Class 5 113 - Class 4 99 - Class 3

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Swartz Creek Compressor Station Unit Addition	30 MW	Jun 2019	Applied for Oct 2, 2017	Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan Oct 2, 2017 - NEB Application Filed Link to Application	116 - ROT 116 - Class 4
Tony Creek No. 2 Receipt Meter Station	2-1064U Ultrasonic Meter	Oct 2017	In-Service Oct 5, 2017	Mar 3, 2017 - Initial TTFP Notification Mar 17, 2017 - NEB Application Filed Link to Application	3.8
<u>Towerbirch Expansion</u>			NEB Recommendation Oct 6, 2016 GIC Certificate March 10, 2017	Aug 18, 2015 - Initial TTFP Presentation Sep 2, 2015 - NEB Application Filed Link to Application	470 - Class 5 439 - Class 4
Groundbirch Mainline Loop	55 km NPS 36	Nov 2017	<i>In-Service Oct 30, 2017</i>	Mar 2016 - Appendix 2 Update for Cost to Complete	
Tower Lake Section	32 km NPS 30	Nov 2017	In-Service Oct 1, 2017	Jun 13, 2017 - TTFP Update	383 - Class 3
Tower Lake Receipt Meter Station	2-1284U Ultrasonic Meter	Nov 2017	In-Service Sep 29, 2017		
Dawson Creek North No. 2 Receipt Meter Station	2-1284U Ultrasonic Meter	Apr 2018	<i>In-Service Nov 15, 2017</i>		
Dawson Creek North Receipt Meter Station	2-1284U Ultrasonic Meter	Sep 2018	<i>In-Service Oct 30, 2017</i>		
Dawson Creek East Receipt Meter Station	882 Orifice Meter	Jul 2017	In-Service Jul 20, 2017		
Groundbirch East Receipt Meter Station Expansion	1-2412U Ultrasonic Meter	Nov 2017	In-Service Aug 15, 2017		
Turin East Transmission Loop (AP)	10.5 km NPS 4	2018	Proposed	Aug 16, 2017 - AUC Application filed Link to Application	5.6
Turner Valley Compressor Station Coolers		Nov 2019	Proposed	Jul 21, 2017 - TTFP Facility Update	16
Turner Valley Compressor Station Unit Addition	30 MW	Jun 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	116 - ROT
Western Alberta System Mainline Loop Rocky View Section	22 km NPS 42	Jun 2020	Proposed	Jul 21, 2017 - TTFP Facility Update	176 - ROT

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)
Wainwright Compressor Station Unit Replacement	0.4 MW	Jul 2017	Under Construction In-Service July 18, 2017	Dec 5, 2016 - Initial TTFP Notification, 2016 Annual Plan Link to Annual Plan Feb. 27, 2017 - TTFP Notification	2.0 - ROT 2.3
Wildrose Receipt Meter Station	2-2012U Ultrasonic Meter	May 2018	Applied for Sep 27, 2017	Jul 12, 2017 - Initial TTFP Notification Sep 27, 2017 - NEB Application Filed Link to Application	8.3
Winchell Lake Compressor Station Unit Addition	30 MW	Nov 2019	Proposed	Jul 21, 2017 - TTFP Facility Update	116 - ROT
Wolf Lake Compressor Station Unit Addition	30 MW	Apr 2020	Proposed	Jul 21, 2017- TTFP Facility Update	111 - ROT
Woodenhouse Compressor Station Unit Addition	30 MW	Nov 2018	Under Construction	Oct 30, 2014 - Initial TTFP Presentation, 2014 Annual Plan Link to Annual Plan Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Nov 7, 2016 - NEB Application Filed Link to Application Feb 2017- Appendix 2 Class Estimate Update	136 - Class 5 138 - Class 4 130 - Class 4
Worsley McLennan Transmission Loop (AP)	10.7 km NPS 6	2017	Proposed	Aug 2, 2017 - AUC Application Filed Link to Application	7.8

¹ Hyperlinks to AUC filings require an AUC eFiling login which can be obtained by contacting the AUC.

² For NGTL projects greater than \$25 million, the estimate type for the forecasted costs have been provided. The typical expected accuracy for the various estimate types are shown in the table below. These accuracy ranges are for projects with established technological complexity and can be greater depending on area knowledge, technological complexity, level of expertise, and certainty of facility scope. Forecasted costs reflect the dollar value, economic conditions, and estimation procedures at the time the estimates were completed.

Estimate Type	Expected Accuracy Range
Rule of Thumb (ROT)	(-50% to +100%)
Class 5	(-20% to +30%)
Class 4	(-15% to +20%)
Class 3	(-10 to +10%)

- ³ The *North Montney Project* was filed as a Section 52 application on November 8, 2013 comprised of the following facilities: North Montney Mainline (Aitken Creek Section), North Montney Mainline (Kahta Section), Aitken Creek Compressor Station, Saturn Compressor Station, Groundbirch Compressor Station, 14 receipt meter stations, a bi-directional storage meter station (Aitken Creek Interconnect) and a delivery meter station (Mackie Creek Interconnection). The NMML Variance was filed March 20, 2017 to vary Condition 4 in the Certificate and Order and to extend the Sunset Clause for the NMML. The Variance also includes the details on eight additional meter stations required for the new receipt contracts. North Montney costs are escalated to the year of in-service for each respective facility. The original Kahta Section was 119 km of NPS 42 with a ROT cost estimate of \$530Million.
- ⁴ NGTL filed the *2017 NGTL System Expansion Project* Section 52 application on March 31, 2015 comprised of the following facilities: Alces River Compressor Station Unit Addition, Grande Prairie Mainline Loop No. 2 (McLeod River Section), Kettle River Lateral Loop (Christina River Section), Liege Lateral Loop No.2 (Pelican Lake Section), Northwest Mainline Loop (Boundary Lake Section), Northwest Mainline Loop No. 2 (Bear Canyon Section) and Otter Lake Compressor Station Unit Addition.
- ⁵ ATCO Pipelines filed an application with the AUC for the Urban Pipeline Replacement (UPR) project on March 19, 2013. The AUC approved the UPR project in a decision dated January 17, 2014. The proposed segments of the UPR project that have been presented to the TTFP are identified in the table by the inclusion of “UPR” in the facility name.
- ⁶ Pembina Expansion – Phase 1 (AP) and Pembina Expansion – Phase 2 (AP) has been consolidated into the Pembina Expansion Project (AP). This was done to reflect ATCO Pipelines AUC application for these facilities as a single project.