

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 2018 Annual Plan was issued on December 12, 2018, and maintains a record of the facilities two years prior to the current year. 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)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
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	Complete	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	Complete	Nov 1, 2016 - Initial TTFP Notification Dec 13, 2016 - NEB Application Filed Link to Application	6.7								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
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	Complete	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)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2017 Meter Stations and Laterals Abandonment Program	<u>Meter Stations w/Laterals</u> 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 <u>Stand-Alone Meters</u> Elinor Lake East Mega River Mega River No. 2 Rod Lake Rod Lake Sales Rossbear Lake Snowfall Creek Squirrel Mountain Owl Lake South Owl Lake South No. 2 Owl Lake South No. 3 <u>Stand-Alone Laterals</u> Alderson Lateral Kaybob South Lateral McNeill X-Over	Q3 2018 to Q4 2019	Under Construction	Jun 29, 2017 - Initial TTFP Notification Aug 21, 2017 - NEB Application Filed Link to Application	16.4								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2017 NGTL System Expansion Project: Alces River Compressor Station Unit Addition	15 MW	Nov 2017	In-Service Nov 6, 2017	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application Mar 14, 2017 - TTFP Update Jan 2018 Appendix 2 Update (Estimate at Complete)	79 - Class 5 85 - Class 4 67 - Class 3 53 - EAC	53							Camp not required, prime costs lower
2017 NGTL System Expansion Project: Grande Prairie Mainline Loop No. 2 (McLeod River Section)	36 km NPS 48	Nov 2017	In-Service Sep 11, 2017	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application Mar 14, 2017 - TTFP Update Jan 2018 Appendix 2 Update (Estimate at Complete)	207 - Class 5 228 - Class 4 247 - Class 3 213 - EAC	213							

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
2017 NGTL System Expansion Project: Kettle River Lateral Loop (Christina River Section)	20 km NPS 24	Apr 2017	In-Service May 13, 2017	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application Mar 14, 2017 - TTFP Update Sep 19, 2017 - Appendix 2 Update Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)	77 - Class 5 76 - Class 4 81 - Class 3 77 - Class 3 75 - EAC	75								
2017 NGTL System Expansion Project: Liege Lateral Loop No.2 (Pelican Lake Section)	56 km NPS 30	Apr 2017	In-Service May 12, 2017	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan Mar 31, 2015 - NEB Application Filed Link to Application Mar 14, 2017 - TTFP Update Jun 13, 2017 - TTFP Update Sep 19, 2017 - Appendix 2 Update Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)	215 - Class 5 233 - Class 4 248 - Class 3 193 - Class 3 196 - EAC	196								Favourable construction conditions

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2017 NGTL System Expansion Project: Northwest Mainline Loop No. 2 (Bear Canyon Section)	27 km NPS 36	Apr 2017	In-Service May 7, 2017	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan	110 - Class 5	133							Unfavourable construction conditions
				Mar 31, 2015 - NEB Application Filed Link to Application	116 - Class 4								
				Mar 14, 2017 - TTFP Update	111 - Class 3								
				Jun 13, 2017 - TTFP Update									
				Oct 18, 2017 - Appendix 2 Update (Estimate at Complete)	133 - EAC								
2017 NGTL System Expansion Project: Northwest Mainline Loop (Boundary Lake Section)	58 km NPS 36 33 km NPS 36	Apr 2017 Apr 2018	In-Service Jun 2, 2017 In-Service Mar 30, 2018	Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan	384 - Class 5	310	185						Unfavourable construction conditions and increased prime costs.
				Mar 31, 2015 - NEB Application Filed Link to Application	442 - Class 4								
				Mar 14, 2017 - TTFP Update	424 - Class 3								
				Jun 13, 2017 - TTFP Update									
				Sep 4, 2018 - Appendix 2 Update (Estimate at Complete)	495 - EAC								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2017 NGTL System Expansion Project: Otter Lake Compressor Station Unit Addition	30 MW	Nov 2017	In-Service Dec 7, 2017	<p>Oct 30, 2014 - TTFP Presentation, 2014 Annual Plan Link to Annual Plan</p> <p>Mar 31, 2015 - NEB Application Filed Link to Application</p> <p>Mar 14, 2017 - TTFP Update</p> <p>Jan 2018 - Appendix 2 Update (Estimate at Complete)</p>	<p>115 - Class 5</p> <p>113 - Class 4</p> <p>116 - Class 3</p> <p>91 - EAC</p>	91							Camp and prime costs lower

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2018 Meter Station and Laterals Abandonment Program	<u>Meter Stations w/Laterals</u> AECO A AECO I Andrew Chard Donnelly Esther Border Meadow Creek Mons Lake Mons Lake East Princess South Retlaw Rock Island Lake Rumsey West Saddle Lake West West Viking <u>Stand-Alone Meter Stations</u> Rock Island Lake South No. 2 <u>Stand-Alone Laterals</u> Boundary Lake South Flat Lake Lateral Ext. Marten Hills White Earth Creek	Q3 2019 to Q4 2021	Proposed	Aug 16, 2018 - Initial TTFP Notification Sept 28, 2018 - NEB Application filed Link to Application	17.9 18.1								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2018 Pipelines and Associated Facilities Decommissioning Program	<u>Pipeline Laterals</u> Baxter Lake Calling Lake East Calling Lake South East Lat Loop Edgerton Flat Lake Lat Loop Flat Lake Lat Ext Judy Creek Sales North Lat Ext Loop Wainwright Wapiti Zama Lake <u>Associated Facilities</u> Edgerton Rec Judy Creek Sales Zama Lake No. 1 Rec Zama Lake No. 2 Rec Wapiti Rec PTI 360m Cross-over	Q3 2019 to Q4 2020	Approved May 17, 2019	Nov 14, 2018 - Initial TTFP Notification Dec 7, 2018 - TTFP Notification Update Dec 18, 2018 - NEB Application Filed Link to Application	14.3 28 - Class 5								
2021 NGTL System Expansion Project: Beiseker Compressor Station Unit Addition	30 MW	Apr 2021	Applied for Jun 20, 2018	Feb 13, 2018 - TTFP Facility Update Jun 20, 2018 - NEB Application Filed Link to Application	120 - ROT 116 - Class 5					116			
2021 NGTL System Expansion Project: Didsbury Compressor Station & Coolers	30 MW	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	166 - ROT 116 - Class 5					116			

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2021 NGTL System Expansion Project: Edson Mainline Loop No.4 (Brewster)	49 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 13, 2018 - TTFP Facility Update Jun 20, 2018 - NEB Application Filed Link to Application	270 - ROT 287 - Class 5					287			
2021 NGTL System Expansion Project: Edson Mainline Loop No.4 (Dismal Creek)	32 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	156 - ROT 179 - Class 5					179			
2021 NGTL System Expansion Project: Edson Mainline Loop No.4 (Robb)	42 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 13, 2018 - TTFP Facility Update Jun 20, 2018 - NEB Application Filed Link to Application	232 - ROT 232 - Class 5					232			
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.2 (Deep Valley)	69 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	332 - ROT 377 - Class 5					377			

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.2 (Karr)	57 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 13, 2018 - TTFP Facility Update Jun 20, 2018 - NEB Application Filed Link to Application	298 - ROT 327 - Class 5					327			
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.2 (Colt Section)	14 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	73 - ROT 80 - Class 5					80			
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.3 (Elmworth Section 2)	18 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	107 - ROT 107 - Class 5					107			
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.3 (Elmworth Section 3)	26 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	176 - ROT 176 - Class 5					176			

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
2021 NGTL System Expansion Project: Grande Prairie Mainline Loop No.4 (Valhalla)	36 km NPS 48	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	152 - ROT 187 - Class 5					187			
2021 NGTL System Expansion Project: January Creek Control Valve Addition	Control Valve Addition	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	5 5					5			
2021 NGTL System Expansion Project: Nordegg Compressor Station Unit Addition	30 MW	Apr 2021	Applied for Jun 20, 2018	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 20, 2018 - NEB Application Filed Link to Application	145 - ROT 119 - Class 5					119			
ABC Export Expansion Tranche 1 Edson Mainline No. 4 (Raven River)	18 km NPS 48	Nov 2022	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	128 - ROT						128		
ABC Export Expansion Tranche 1 ABC Border Meter Station Expansion	TBD	Nov 2022	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	8						8		

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
ABC Export Expansion Tranche 2 WAML Loop No. 2 (Longview)	10 km NPS 48	Nov 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	65 - ROT							65	
ABC Export Expansion Tranche 2 WAML Loop No. 2 (Lundbreck)	7 km NPS 48	Nov 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	83 - ROT							83	
ABC Export Expansion Tranche 2 WAML Loop No. 2 (Turner Valley)	23 km NPS 48	Nov 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	209 - ROT							209	
Albersun Pipeline Asset Purchase	179 km	TBD	In-Service Oct 1, 2018	May 12, 2015 - TTFP Presentation Apr 27, 2016 - NEB Application Filed Link to Application	28 - Class 5 30 - Class 4		30						
Alberta Montana Border Sales Meter Station Replacement	2-1280U Ultrasonic Meter	Jul 2020	Proposed	Sep 18, 2019 - Initial TTFP Notification Oct 3, 2019 - CER Application Filed Link to Application	4.6				4.6				
Anderson Lake Receipt Meter Station	10104U Ultrasonic Meter	Sep 2020	Applied for Oct 22, 2019	Oct 8, 2019 - Initial TTFP Notification Oct 22, 2019 - CER Application Filed Link to Application	4				4				
Berland River Compressor Station Unit Addition	30 MW	TBD	Deferred	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan	145 - ROT								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Bonanza Receipt Meter Station Expansion	2-1284U Ultrasonic Meter	Aug 2018	In-Service Aug 8, 2018	Oct 16, 2017- Initial TTFP Notification Nov 3, 2017 - NEB Application Filed Link to Application	5.5		5.5						
Boulder Creek South Lateral	4 km NPS 8 17 km NPS 6	Jun 2017	In-Service Jun 9, 2017	Mar 8, 2016 - TTFP Presentation May 16, 2016 - NEB Application Filed Link to Application May 1, 2018 - Appendix 2 Update (Estimate at Complete)	37 - Class 5 31 - Class 4 33 - EAC	33							
Buffalo Creek Compressor Station Unit Addition	30 MW	Nov 2020	<i>Under Construction</i>	Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral) Dec 4, 2017 - TTFP Presentation (Status Update), 2017 Annual Plan Link to Annual Plan Oct 1, 2018 - NEB Application Filed Link to Application	139 - ROT 159 - Class 4				159				

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Christina Lake North Sales Meter Station Expansion	2-1210U Ultrasonic Meter	Mar 2018	In-Service Mar 8, 2018	Jul 20, 2017 - Initial TTFP Notification Aug 18, 2017 - NEB Application Filed Link to Application	4.4		4.4						
Clark Lake South Receipt Meter Station	1010-4U Ultrasonic Meter	Jun 2019	In-Service May 31, 2019	Aug 13, 2018 - Initial TTFP Notification Sep 4, 2018 - NEB Application Filed Link to Application	4.4			4.4					
Clearwater West Expansion: Clearwater Compressor Station Unit Addition	30 MW	Apr 2020	Under Construction	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 4, 2018 - NEB Application Filed Link to Application	117 - ROT 118 - Class 4				118				
Clearwater West Expansion: Grande Prairie Mainline Loop No.2 (Hualien)	13 km NPS 48	Apr 2020	Under Construction	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 4, 2018 - NEB Application Filed Link to Application	59 - ROT 77 - Class 4				77				

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Clearwater West Expansion: Grande Prairie Mainline Loop No.3 (Elmworth Section 1)	24 km NPS 48	Apr 2020	Under Construction	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 4, 2018 - NEB Application Filed Link to Application	150 - ROT 130 - Class 4				130				
Clearwater West Expansion: Wolf Lake Compressor Station Unit Addition	30 MW	Apr 2020	Under Construction	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jun 4, 2018 - NEB Application Filed Link to Application	111 - ROT 126 - Class 4				126				
Clearwater Compressor Station Unit Addition & Coolers	30 MW	Nov 2021	Applied for Sep 26, 2019	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Jul 20, 2018 - TTFP Update Sep 26, 2018 - CER Application Filed Link to Application	145 - ROT 128 - Class 5					128			
Cold Lake Border Sales Meter Station Replacement	1010U Ultrasonic Meter	Apr 2021	Applied for Aug 23, 2019	Aug 9, 2019 - Initial TTFP Notification Aug 23, 2019 - NEB Application Filed Link to Application	3.2					3.2			

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Cousins West Sales Meter Station	4 LVS	Aug 2017	In-Service Aug 9, 2017	May 11, 2017 - Initial TTFP Notification	1.4	1.4							
Cutbank River Lateral Expansion	18 km NPS 30 13 km NPS 16	Q2 2021	Proposed	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan	97 - ROT					97			
Cutbank River North Receipt Meter Station	660U-2 Ultrasonic Meter	Apr 2020	Approved Oct 15, 2019	May 22, 2019 - Initial TTFP Notification Jun 25, 2019 - NEB Application Filed Link to Application	3.2				3.2				
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	5.6							
<i>Dawson Creek No. 2 Receipt Meter Station</i>	<i>10104U</i>	<i>Oct 2020</i>	<i>Proposed</i>	<i>Dec 2, 2019 - Initial TTFP Notification</i>	<i>4.4</i>				<i>4.4</i>				
Dawson Creek East No. 2 Receipt Meter Station	662U Ultrasonic Meter	Jul 2020	Proposed	Sep 20, 2019 - Initial TTFP Notification Oct 8, 2019 - CER Application Filed Link to Application	3.8				3.8				
Dismal Creek North Receipt Meter Station	1010-4U	Oct 2018	In-Service Nov 29, 2018	Nov 22, 2017 - NEB Application Filed Link to Application Nov 24, 2017 - Initial TTFP Notification	3.2		3.2						

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Dorscheid Receipt Meter Station	662U Ultrasonic Meter	Dec 2019	Under Construction	Jan 16, 2019 - Initial TTFP Notification Feb 26, 2019 - NEB Application Filed Link to Application	3.2			3.2					
Drywood Compressor Station Coolers		Nov 2018	In-Service Oct 30, 2018	Nov 14, 2017 - Initial TTFP Notification Dec 11, 2017 - NEB Application Filed Link to Application	15 7		7						
Edson Control Valve Addition	Control Valve Installation	Apr 2019	In-Service May 5, 2019	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan May 29, 2018 - NEB Application Filed Link to Application	5 6.7			6.7					
Edson Mainline Expansion Project: Edson Mainline Loop No.4 (Alford Creek)	45 km NPS 48	Apr 2022	Applied for Apr 3, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 3, 2019 - NEB Application Filed Link to Application	269 - ROT 269 - Class 5						269		
Edson Mainline Expansion Project: Edson Mainline Loop No.4 (Elk River)	40 km NPS 48	Apr 2022	Applied for Apr 3, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 3, 2019 - NEB Application Filed Link to Application	240 - ROT 240 - Class 5						240		

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Emerson Creek Compressor Station	2-30 MW Units	Apr 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	257 - ROT							257	
Empress Area Extraction Connections Project	240 m Pipeline plus Valve Assemblies	Q3 2018	In-Service Jun 28, 2018	Sep 8, 2017 - Initial TTFP Notification Oct 5, 2017 - NEB Application Filed Link to Application	17 - CIAC								
Etzikom Abandonment	84 km NPS 10/6	Q4 2019	Applied for Oct 31, 2018	Oct 3, 2018 - Initial TTFP Notification Oct 31, 2018 - NEB Application Filed Link to Application	18.2								
Farrell Lake CS Modifications	Yard Piping Modifications	Nov 2018	In-Service Aug 30, 2018	Mar 27, 2018 - Initial TTFP Notification	9.1		9.1						
Forestburg Lateral Loop	8.2 km NPS10	Q4 2019	In-Service Nov 7, 2019	Oct 10, 2018 - Initial TTFP Notification	21.5			21.8					
Forestburg East Sales Meter Station	2-1080U Ultrasonic Meter		In-Service Nov 9, 2019	Nov 8, 2018 - NEB Application Filed Link to Application	21.8								
Gold Creek South Receipt Meter Station Expansion	882 Orifice Meter	Apr 2018	In-Service Mar 23, 2018	Jul 26, 2018 - Initial TTFP Notification Aug 19, 2017 - NEB Application Filed Link to Application	3.0		3.0						
Gold Creek South Receipt Meter Station Expansion No. 2	10104U Ultrasonic Meter	Jul 2019	Under Construction	Oct 26, 2018 - Initial TTFP Notification Nov 14, 2018 - NEB Application Filed Link to Application	3.5			3.5					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Gold Creek West Receipt Meter Station	12124U Ultrasonic Meter	Apr 2019	In-Service Jan 21, 2019	Apr 6, 2018 - Initial TTFP Notification Apr 30, 2018 - NEB Application Filed Link to Application	4.9			4.9					
Goodfish Compressor Station Unit Addition	30 MW	Nov 2020	<i>Under Construction</i>	Feb 13, 2018 - TTFP Facility Update Oct 1, 2018 - NEB Application Filed Link to Application	120 - ROT 115 - Class 4				115				
Grace Creek North Receipt Meter Station	660-2 Orifice Meter	Feb 2018	In-Service Mar 7, 2018	Jun 1, 2017 - Initial TTFP Notification Jul 6, 2017 - NEB Application Filed Link to Application	2.0		2.0						
Grande Prairie Mainline Loop No. 2 (McLeod River North Section)	35 km NPS 48	Nov 2019	Under Construction	Jul 21, 2017 - TTFP Facility Update Nov 14, 2017 - TTFP Facility Update Jun 20, 2018 - NEB Application Filed Link to Application	108 - ROT 155 - ROT 237 - Class 4			237					
Grande Prairie Mainline Loop No. 4 (Valhalla North Section)	33 km NPS 48	Apr 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	204 - ROT							204	
Grey Owl Creek North Receipt Meter Station Expansion	882 Orifice Meter	Apr 2018	In-Service Mar 27, 2018	Jun 1, 2017 - Initial TTFP Notification Jun 29, 2017 - NEB Application Filed Link to Application	3.2		3.2						

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
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	3.6								
Groundbirch Mainline Loop (Saturn Section)	24 km NPS 42	Nov 2022	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	143 - ROT						143			
Groundbirch Mainline Loop (Sunrise Section)	24 km NPS 42	Nov 2020	Approved Oct 24, 2019	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Oct 3, 2018 - TTFP Facility Update Apr 29, 2019 - NEB Application Filed Link to Application	107 - ROT 155 - ROT 135 - ROT 140 - Class 4				140					
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	1.8								
Hidden Lake North C/S Modifications	Yard Piping Modifications and Wheel Change	Apr 2018	In-Service Apr 20, 2018	Aug 25, 2017 - Initial TTFP Notification	5		5							

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Hythe Lateral Loop No. 2	14 km NPS 24	Q4 2018	In-Service Oct 31, 2018	<p>Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan</p> <p>Aug 16, 2016 - TTFP Presentation (Status Update/Deferral)</p> <p>Sep 12, 2017 - TTFP Presentation (Scope/Status Update)</p> <p>Nov 1, 2017 - NEB Application Filed Link to Application</p> <p>May 7, 2019 - Appendix 2 Update (Estimate at Complete)</p>	<p>41 - Class 5</p> <p>42 - Class 5</p> <p>40 - Class 4</p> <p>EAC - 41</p>		41							
Inland Looping (AP)	19 km NPS 20	Feb 2017	In-Service Feb 19, 2017	<p>Oct 22, 2013 - 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	In-Service Feb 2, 2018	<p>Sep 6, 2017 - Initial TTFP Notification</p> <p>Sep 29, 2017 - NEB Application Filed Link to Application</p>	1.3		1.3							

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Lethbridge Urban Pipeline Upgrade (AP)	14.7 km NPS 10 2.4 km NPS 6	2020	Proposed	Aug 7, 2018 - Initial TTFP Notification Jul 30, 2018 - GRA Application Filed Link to Application	31.2									
Livingstone Creek Receipt Meter Station	2-1064U Ultrasonic Meter	Aug 2015	In-Service Aug 7, 2015	Oct 23, 2014 - Initial TTFP Notification	7.1	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										
Livingstone Creek Receipt Meter Station Expansion	10104U	Nov 2018	In-Service Nov 14, 2018	Mar 1, 2018 - Initial TTFP Notification Mar 26, 2018 - NEB Application Filed Link to Application	3.1		3.1							
Liza Lake Sales Meter Station	NPS 3 Positive Displacement Meter	Dec 2018	In-Service Dec 18, 2018	Oct 16, 2018 - Initial TTFP Notification, Streamlining Order	2.1		2.1							
Lodgepole Compressor Station Unit Addition and Interconnect	5 MW	Nov 2017	In-Service Dec 16, 2017	Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Feb 12, 2016 - NEB Application Filed Link to Application Apr 2018 - Appendix 2 Update (Estimate at Complete)	62 - ROT 66 - Class 5 48 - EAC	48								Favourable material and prime costs

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Medicine Hat Compressor Station	3.5 MW	Q2 2017	In-Service May 5, 2017	Sep 15, 2015 - TTFP Presentation Oct 30, 2015 - NEB Application Filed Link to Application Aug 29, 2017 - Appendix 2 Update	61 - Class 5 67 - Class 4 61 - EAC	61							
Medicine Hat Expansion Medicine Hat and Suffield Lateral Loop	58 km NPS 24	Apr 2023	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	189 - ROT							189	
Meikle River D & Goodfish Compressor Stations: Goodfish Compressor Station	30 MW	Q1-Q3 2017	In-Service Sep 10, 2017	Oct 30, 2014 - 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) Dec 11, 2017 - Appendix 2 Update (Estimate at Complete)	135 - ROT 103 - Class 5 126 - EAC	126							Material issues, construction and ISD delays

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Meikle River D & Goodfish Compressor Stations: Meikle River D Compressor Station	33 MW	Q1-Q3 2017	In-Service Oct 4, 2017	Oct 30, 2014 - 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) Jan 2018 Appendix 2 Update (Estimate at Complete)	136 - ROT 114 - Class 5 124 - EAC	124								
Mildred Lake East Sales Meter Station	660U Ultrasonic Meter	Sep 2019	Under Construction	Nov 30, 2018 - Initial TTFP Notification Feb 13, 2019 - TTFP Notification Amendment Feb 14, 2019 - NEB Application Filed Link to Application	3.2 4.1			4.1						
Minnow Lake West Receipt Meter Station Expansion	2-1064U Ultrasonic Meter	Nov 2018	In-Service Nov 1, 2018	Aug 28, 2017- Initial TTFP Notification Sep 14, 2017 - NEB Application Filed Link to Application	4.4		4.4							
Moody Creek Compressor Station Decommissioning	Station decommissioning and equipment transfer to Saturn Compressor Station	Dec 2019	Completed Oct 2, 2019	Apr 4, 2019 - Initial TTFP Notification	1.0			1.0						
Mulligan Lake Interconnect Meter Station	3-3016UB Ultrasonic Meter	Apr 2020	Cancelled	Jun 12, 2018 - Initial TTFP Notification	8.7									

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Muriel Creek Sales Meter Station	NPS 3 Positive Displacement Meter	Mar 2019	In-Service Mar 1, 2019	Jul 16, 2018 - Initial TTFP Notification Aug 9, 2018 - TTFP Facility Update (Streamlining Order)	2.1			2.1					
North Central Corridor Loop (North Star Section 1)	31 km NPS 48	Apr 2020	<i>Under Construction</i>	Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral) Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Oct 30, 2018 - NEB Application Filed Link to Application	200 - ROT 193 - ROT 170 - Class 4				170				
North Corridor Expansion Project: Hidden Lake North Compressor Station Unit Addition	30 MW	Apr 2022	Applied for Apr 4, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 4, 2019 - NEB Application Filed Link to Application	138 - ROT 138 - Class 5						138		

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Corridor Expansion Project: North Central Corridor Loop (North Star Section 2)	24 km NPS 48	Apr 2022	Applied for Apr 4, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 4, 2019 - NEB Application Filed Link to Application	155 - ROT 155 - Class 5						155		
North Corridor Expansion Project: North Central Corridor Loop (Red Earth Section 3)	32 km NPS 48	Apr 2022	Applied for Apr 4, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 4, 2019 - NEB Application Filed Link to Application	205 - ROT 205 - Class 5						205		
North Corridor Expansion Project: Northwest Mainline Loop No.2 (Bear Canyon North Extension Section)	25 km NPS 36	Apr 2022	Applied for Apr 4, 2019	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan Apr 4, 2019 - NEB Application Filed Link to Application	134 - ROT 134 - Class 5						134		
North Heart River Receipt Meter Station	442 Orifice Meter	Jul 2018	In-Service Jun 8, 2018	Nov 20, 2017 - Initial TTFP Notification Dec 4, 2017 - NEB Application Filed Link to Application	2.7		2.7						

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Montney Project: Aitken Creek Compressor Station ⁵	15 MW Bi-directional	TBD	Deferred	Oct 22, 2013 - 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	72 - ROT 98 - Class 4								
North Montney Project: Groundbirch Compressor Station ⁵	2-15 MW Units Bi-directional	Nov 2019	In-Service Oct 25, 2019	Oct 22, 2013 - 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 Aug 7, 2018 - Appendix 2 Class Estimate Update	103 - ROT 135 - Class 4 131 - Class 3			131					
North Montney Project: North Montney Mainline (Aitken Creek Section) ⁵	182 km NPS 42	Sep 2019	Under Construction	Oct 22, 2013 - 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 Aug 7, 2018 - Appendix 2 Class Estimate Update	762 - ROT 930 - Class 4 1,270 - Class 3			1270					Elevated prime contractor costs due to unfavorable market conditions

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Montney Project: North Montney Mainline (Kahta Section - South) ⁵	24 km NPS 42	Apr 2020	Certificate Approval Jun 10, 2015 Variance Application NEB Approval Order Received May 23, 2018	Oct 22, 2013 - 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 Aug 7, 2018 - Appendix 2 Class Estimate Update	174 - Class 4 196 - Class 4				196				Elevated prime contractor costs due to unfavorable market conditions
North Montney Project: North Montney Mainline (Kahta Section - North) ⁵	95 km NPS 42	TBD	Deferred	Oct 22, 2013 - 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)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Montney Project: Remaining North Montney Mainline Receipt Meter Stations Included in <u>Certificate</u> ⁵	TBD	TBD	Certificate Approval Jun 10, 2015	Oct 22, 2013 - TTFP Presentation, 2013 Annual Plan Link to Annual Plan	66 - Class 5								
Kahta Creek Kahta Creek North Buckinghorse River Mason Creek Beaton River Lily Halfway River Aitken Creek West Aitken Creek East				Nov 8, 2013 - NEB Application Filed Link to Application	34 - Class 4								
Mackie Creek Interconnect	TBD	TBD			8								
Receipt Meter Stations Subject to Variance <u>Application</u>													
Blair Creek Gundy Kobes Altares Aitken Creek Interconnect (bi-directional storage)	2-16104U Ultrasonic 2-1284U Ultrasonic 2-1064U Ultrasonic 2-1064U Ultrasonic 2-2416U Ultrasonic	Apr 2020 Sep 2019 Apr 2021 Sep 2019 Sep 2019	Variance Application NEB Approval Order Received May 23, 2018 Variance Application NEB GIC Approval Received – Jul 3, 2018	Mar 20, 2017 - NEB Variance Application Link to Application Apr 27, 2017 - TTFP Notifications May 18-25, 2017 - NEB Applications Filed	39 - Class 4				67				
New Receipt Meter <u>Stations</u>					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	Sep 2019 Sep 2019 Sep 2019 Sep 2019 Sep 2019 Sep 2019 Sep 2019 Apr 2020	Applied for May 18-25, 2017 Variance Application NEB Approval Order Received May 23, 2018	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)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Montney Project: Saturn Compressor Station ⁵	15 MW Bi-directional	Apr 2020	Under Construction	<p>Oct 22, 2013 - 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> <p>Aug 7, 2018 - Appendix 2 Class Estimate Update</p>	<p>70 - ROT</p> <p>86 - Class 4</p> <p>94 - Class 4</p>				94				Elevated prime contractor costs due to unfavorable market conditions
North Montney Project: Saturn Compressor Station – Unit 2 ⁵	15 MW Bi-directional	TBD	Deferred	<p>Oct 22, 2013 - 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>	63 - ROT								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
North Path Delivery Project: Amber Valley Compressor Station Unit Addition	15 MW	Nov 2019	Under Construction	Mar 14, 2017 - TTFP Update Jun 13, 2017 - TTFP Update Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 16, 2018 - NEB Application Filed Link to Application	100 - ROT 89 - ROT 81 - Class 4			81					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
North Path Delivery Project: Meikle River Compressor Station Series Modifications	Modifications to Enable Series Operation	Q2 2020	Under Construction	Dec 7, 2015 - TTFP Presentation, 2015 Annual Plan Link to Annual Plan Aug 16, 2016 - TTFP Presentation (Status Update/Deferral) Mar 14, 2017 - TTFP Update Jun 13, 2017 - TTFP Update Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 16, 2018 - NEB Application Filed Link to Application	16 17 17				17					
North Path Delivery Project: Northwest Mainline Loop No. 2 (Bear Canyon North Section) ⁶	28 km NPS 36	Nov 2019	In-Service Sep 25, 2019	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 16, 2018 - NEB Application Filed Link to Application	99 - ROT 109 - Class 4 109 - Class 4			109						

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Northwest Mainline Loop (Boundary Lake North Section)	23 km NPS 36	Apr 2019	In-Service Mar 23, 2019	<p>Jul 21, 2017 - TTFP Facility Update</p> <p>Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan</p> <p>Dec 15, 2017 - NEB Application Filed Link to Application</p> <p>Jun 2019 Appendix 2 Update (Estimate at Complete)</p>	<p>115 - ROT</p> <p>105 - Class 4</p> <p>98 - EAC</p>			98						
Peace River Mainline Abandonment (Meikle River to Valleyview Section)	266 km NPS 20 2.3 km NPS 4	Dec 2020	Approved Mar 14, 2018	<p>Oct 22, 2013 - 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									

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Pembina-Keephills Transmission Project (AP)	58 km NPS 30	Apr-2020	Approved Aug 6, 2019	May 8, 2018 - Initial TTFP Notification Aug 1, 2018 - AUC Application Filed Link to Application Nov 30, 2018 - AUC Project Update Filed Link to Update	155 157 230								
Pipestone Creek Receipt Meter Station	662U Ultrasonic Meter	Nov 2019	In-Service Oct 22, 2019	Feb 1, 2019 - Initial TTFP Notification Feb 19, 2019 - NEB Application Filed Link to Application	3.1			3.1					
Prairie Creek Receipt Meter Station Expansion	NPS 8 Separator Installation	Dec 2019	<i>Under Construction</i>	Oct 2, 2019 - Initial TTFP Notification, Streamlining Order	1.3			1.3					
Pipestone Compressor Station Unit Addition & Coolers	30 MW	TBD	Deferred	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan	145 - ROT								
Princess Compressor Station A and D Decommissioning	Decommissioning of A and D Buildings	Feb 2017	Completed Jul 6, 2017	Jan 4, 2017 - Initial TTFP Notification Jan 20, 2017 - NEB Streamlining Order Notification Link to Notification	11.0								
Princess Compressor Station Unit Addition & Coolers	30 MW	TBD	Deferred	Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan	137 - ROT								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Redwater Cogen Delivery #2 Station (AP)	2-440T Turbine Meter	Dec 2018	In-Service Jan 1, 2019	Aug 7, 2018 - Initial TTFP Notification Jul 30, 2018 GRA Application Filed Link to Application	1.1								
Resthaven Receipt Meter Station Expansion	2-1280U Ultrasonic Meter	Apr 2018	In-Service Feb 27, 2018	May 11, 2017 - Initial TTFP Notification May 26, 2017 - NEB Application Filed Link to Application	4.3		4.3						
Rodney Creek Receipt Meter Station	660-2 Orifice Meter	Aug 2018	In-Service Dec 14, 2018	Nov 6, 2017 - Initial TTFP Notification Nov 22, 2017 - NEB Application Filed Link to Application	2.2		2.2						
Saddle Hills Compressor Station Unit Addition	30 MW	Nov 2022	Proposed	Nov 12, 2019 - TTFP Presentation, 2019 Annual Plan	159 - ROT						159		
Saddle Lake Lateral Loop (Cold Lake Section)	20 km NPS 20	Apr 2021	Applied for Aug 23, 2019	Feb 13, 2018 - TTFP Facility Update Aug 23, 2019 - NEB Application Filed Link to Application	42 - ROT 64.9 - Class 4					64.9			
Saddle West Expansion: Clarkson Valley Control Valve	Control Valve Installation	Jun 2019	In-Service May 30, 2019	Jul 21, 2017 - TTFP Facility Update Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update	4.4 4.5 4.3			4.3					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Saddle West Expansion: Gordondale Lateral Loop No. 3	25 km NPS 36	Jun 2019	In-Service Jan 12, 2019	Dec 5, 2016 - TTFP Notification, 2016 Annual Plan Link to Annual Plan Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update May 2019 Appendix 2 Update (Estimate at Complete)	96 - ROT 98 - Class 4 130 - Class 3 134 - EAC			134						
Saddle West Expansion: Latormell Compressor Station Unit Addition	30 MW	Jun 2019	In-Service Oct 3, 2019	Dec 5, 2016 - TTFP Notification, 2016 Annual Plan Link to Annual Plan Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update	101 - ROT 118 - Class 4 142 - Class 3			142						Elevated prime contractor costs due to unfavorable market conditions
Saddle West Expansion: Nordegg Compressor Station Unit Addition	33 MW	Jun 2019	In-Service Sep 14, 2019	Feb 14, 2017 - TTFP Update Jul 21, 2017 - TTFP Facility Update Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update	116 - ROT 112 - ROT 111 - Class 4 139 - Class 3			139						Elevated prime contractor costs due to unfavorable market conditions

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Saddle West Expansion: Saddle Hills Compressor Station Unit Addition and Control Valve Modifications	30 MW	Jun 2019	In-Service Oct 3, 2019	Dec 5, 2016 - TTFP Presentation, 2016 annual Plan Link to Annual Plan Jun 13, 2017 - TTFP Update Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update	74 - ROT 119 - Class 5 118 - Class 4 145 - Class 3			145						Elevated prime contractor costs due to unfavorable market conditions
Saddle West Expansion: Swartz Creek Compressor Station Unit Addition	30 MW	Jun 2019	In-Service Sep 14, 2019	Dec 5, 2016 - TTFP Presentation, 2016 Annual Plan Link to Annual Plan Oct 2, 2017 - NEB Application Filed Link to Application Aug 7, 2018 - Appendix 2 Class Estimate Update	116 - ROT 116 - Class 4 142 - Class 3			142						Elevated prime contractor costs due to unfavorable market conditions
Saturn No. 2 Receipt Meter Station	2-1060U-4 Ultrasonic Meter	Apr 2018	In-Service Mar 31, 2018	Aug 9, 2017 - Initial TTFP Notification Aug 29, 2017 - NEB Application Filed Link to Application	3.8		3.8							
Scotford PDH Delivery Meter Station (AP)	860T Turbine Meter	Jul 2020	Proposed	May 1, 2018 - Initial TTFP Notification	2.6 (Includes \$1.7M CIAC)									
Sheerness No. 2 Sales Meter Station	2-1210U Ultrasonic Meter	Nov 2019	<i>In-Service Nov 26, 2019</i>	Mar 8, 2019 - Initial TTFP Notification Apr 1, 2019 - NEB Application Filed Link to Application	4.2			4.2						

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Smoky River Lateral Loop	10 km NPS24 18 km NPS 24	Apr 2019	In-Service Mar 25, 2019 In-Service Jun 4, 2019	Dec 5, 2016 - TTFP Presentation, 2016 Annual Plan Link to Annual Plan Sep 12, 2017 - TTFP Presentation (Scope/Status Update) Nov 29, 2017 - NEB Application Filed Link to Application Nov 19, 2019 - Appendix 2 Update (Estimate at Complete)	54 - Class 5 118 - Class 5 91 - Class 4 89 - EAC			89						
Smoky River Sales Meter Station	660U Ultrasonic Meter	Mar 2020	Applied for Aug 12, 2019	Jul 23, 2019 - Initial TTFP Notification Aug 12, 2019 - NEB Application filed Link to Application	2.9				2.9					
South Airdrie Lateral - Pipeline Acquisition (AP)	8.7 km NPS 6	Q3 2019	Proposed	Aug 7, 2018 - Initial TTFP Notification Jul 30, 2018 GRA Application Filed Link to Application	1.9									
Stoney Transit/North Gate Connection Piping (AP)	4.3 km NPS 8	Q1 2019	In-Service Mar 8, 2019	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan May 25, 2018 - AUC Application Filed Link to Application	8									
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									

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Sunchild Receipt Meter Station	880U-4 Ultrasonic Meter	Apr 2020	Approved Nov 4, 2019	Jun 5, 2019 - Initial TTFP Notification Jul 8, 2019 - NEB Application Filed Link to Application	4				4				
Sundre Crossover	20 km NPS 42	Apr 2018	In-Service Apr 8, 2018	Dec 7, 2015 - 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		99						
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	3.8							
Tony Creek No. 2 Receipt Meter Station Expansion	16164U Ultrasonic Meter	Aug 2019	In-Service Jul 23, 2019	Oct 15, 2018 - Initial TTFP Notification Nov 13, 2018 - NEB Application Filed Link to Application	6.0 5.7			5.7					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
<u>Towerbirch Expansion</u>			NEB Recommendation Oct 6, 2016	Aug 18, 2015 - TTFP Presentation	470 - Class 5	334							Favourable prime and material costs
			GIC Certificate Mar 10, 2017	Sep 2, 2015 - NEB Application Filed Link to Application	439 - Class 4								
Groundbirch Mainline Loop	55 km NPS 36	Nov 2017	In-Service Oct 30, 2017	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	Jan 2018 Appendix 2 Update (Estimate at Complete)	334 - EAC								
Dawson Creek North No. 2 Receipt Meter Station	2-1284U Ultrasonic Meter	Apr 2018	In-Service Nov 15, 2017										
Dawson Creek North Receipt Meter Station	2-1284U Ultrasonic Meter	Sep 2018	In-Service Oct 30, 2017										
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	In-Service Jan 13, 2018	Aug 16, 2017 - AUC Application filed Link to Application	5.6								
Urban Pipeline Replacement Project: Calgary UPR - West Connector (AP)	19 km NPS 20 1 km NPS 16	Q4 2017	In-Service Dec 19, 2017	Oct 30, 2014 - TTFP Presentation May 6, 2016 - AUC Application Filed Link to Application	90 88								

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Urban Pipeline Replacement Project: Edmonton UPR – NE Connector (AP)	Control Station	2019	Proposed	Oct 30, 2014 - TTFP Presentation	14.2								
Urban Pipeline Replacement Project: Southwest Edmonton Connector – UPR (AP)	21 km NPS 20	Q2 2017	In-Service Apr 1, 2017	Jul 10, 2012 - TTFP Presentation Jun 2, 2015 - AUC Application Filed Link to Application	93								
Valhalla North Receipt Meter Station Expansion	882	Oct 2018	In-Service Aug 20, 2018	Nov 27, 2017 - Initial TTFP Notification Dec 19, 2017 - NEB Application Filed Link to Application	3.1 3.0		3.0						
Vermillion Compressor Station Unit Addition (AP)	1 MW	Apr 2021	Proposed	Feb 13, 2018 - TTFP Facility Update	TBD								
Vetchland Compressor Station Unit Addition & Coolers	30 MW	TBD	Deferred	Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Nov 14, 2018 - TTFP Presentation, 2018 Annual Plan Link to Annual Plan	145 - ROT 137 - ROT								
Wainwright Compressor Station Unit Replacement	0.4 MW	Jul 2017	In-Service Jul 18, 2017	Dec 5, 2016 - TTFP Presentation, 2016 Annual Plan Link to Annual Plan Feb. 27, 2017 - TTFP Notification	2.0 2.3	2.3							

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
West Path Delivery Project: Burton Creek Compressor Station Unit Addition	30 MW	Jun 2020	Under Construction	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 12, 2018 - NEB Application Filed Link to Application	116 - ROT 114 - Class 4				114				
West Path Delivery Project: Turner Valley Compressor Station Unit Addition ⁷	30 MW	Jun 2020	Under Construction	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 12, 2018 - NEB Application Filed Link to Application	132 - ROT 106 - Class 4				106				
West Path Delivery Project: Western Alberta System Mainline Loop Rocky View Section	22 km NPS 42	Jun 2020	Approved Apr 11, 2019	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Feb 12, 2018 - NEB Application Filed Link to Application	176 - ROT 189 - Class 4				189				
Wiau Lake North Sales Meter Station	2-640T Turbine Meter	Jul 2019	In-Service Feb 8, 2019	May 22, 2018 - Initial TTFP Notification Jun 11, 2018 - NEB Application Filed Link to Application	2.4			2.4					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴
						2017	2018	2019	2020	2021	2022	2023	
Wildrose Receipt Meter Station	2-2012U Ultrasonic Meter	May 2018	In-Service Oct 1, 2018	Jul 12, 2017 - Initial TTFP Notification Sep 27, 2017 - NEB Application Filed Link to Application	8.3		8.3						
Wilkin Lake Sales Meter Station	LVS-4 Turbine Meter	Dec 2018	In-Service Nov 15, 2018	Mar 12, 2018 - Initial TTFP Notification Mar 28, 2018 - NEB Application Filed Link to Application	2.0		2.0						
Wilson Ridge Receipt Meter Station	10104U Ultrasonic Meter	Feb 2019	In-Service Jan 22, 2019	Mar 1, 2018 - Initial TTFP Notification Apr 11, 2018 - NEB Application Filed Link to Application	3.9			3.9					
Winchell Lake Compressor Station Unit Addition	30 MW	Nov 2019	In-Service Nov 8, 2019	Jul 21, 2017 - TTFP Facility Update Dec 4, 2017 - TTFP Presentation, 2017 Annual Plan Link to Annual Plan Mar 8, 2018 - NEB Application Filed Link to Application Approved Aug 30, 2018	116 - ROT 99 - Class 4			99					
Wolf Lake South Receipt Meter Station	1010-4U Ultrasonic Meter	Sep 2019	In-Service Sept 18, 2019	Nov 29, 2018 - Initial TTFP Notification Dec 18, 2018 - NEB Application Filed Link to Application	3.8			3.8					

Applied-for Facilities	Description	Target In-Service Date	Status	References ¹	Forecast Cost ² (\$Millions)	Cost by In-Service Year ³ (\$Millions)							Variance Explanation ⁴	
						2017	2018	2019	2020	2021	2022	2023		
Woodenhouse Compressor Station Unit Addition	30 MW	Nov 2018	In-Service Nov 24, 2018	Oct 30, 2014 - 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		130							
Worsley McLennan Transmission Loop (AP)	10.7 km NPS 6	2017	In-Service Mar 21, 2018	Aug 2, 2017 - AUC Application Filed Link to Application	7.8									
Total Costs by In-Service Year ³						1823	565	2896	1845	2601	1579	1007		

- Hyperlinks to AUC filings require an AUC eFiling login which can be obtained by contacting the AUC.
- 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. Total Costs by In-Service Year are a summation of the last provided costs of all NGTL capacity capital projects with expected or realized in-service dates within a calendar year. Costs for non NGTL capacity capital projects, such as ATCO Pipelines, CIAC, decommissioning or abandonment projects, are excluded. These annual summations of costs will not match other regulatory filings with different costs bases.
4. Variance explanations are provided for all NGTL capacity capital projects with EAC costs equal to or greater than \$25 million with a variance greater than 10% between the EAC and applied-for costs.
5. 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. Variance Application NEB Approval Order Received May 23, 2018. Altares, Altares South, Gundy, Gundy West, Old Alaska, Mackie Creek North, Townsend, Townsend No. 2 and Aitken Creek South receipt meter stations are currently under construction.
6. Northwest Mainline Loop No. 2 (Bear Canyon North Section) is the combination of two previously presented facilities; Northwest Mainline Loop No. 2 (Bear Canyon North Section) and the Northwest Mainline Loop (Peace River Crossing Project).
7. Turner Valley Compressor Station Coolers has been combined with Turner Valley Compressor Station Unit Addition.