

Sandra Pierce Regulatory Coordinator

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May 31, 2022

OIL PIPELINE TARIFF FILING

Honorable Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 1st Street N.E., Room 1-A Washington, D.C. 20426

Re: ConocoPhillips Transportation Alaska, Inc. FERC Tariff No. 19.13.0

Dear Ms. Bose:

In accordance with the requirements of the Interstate Commerce Act ("ICA") and the rules and regulations of the Federal Energy Regulatory Commission ("FERC"), ConocoPhillips Transportation Alaska, Inc. ("CPTAI") submits the following tariff on thirty (30) days' notice to be effective July 1, 2022:

• F.E.R.C. No. 19.13.0, Local Rates (cancels F.E.R.C. No. 19.12.0)

F.E.R.C. No. 19.13.0 applies to the interstate transportation of petroleum on the Trans Alaska Pipeline System ("TAPS") between Prudhoe Bay, Alaska and Valdez Marine Terminal, Alaska, over CPTAI's share of TAPS capacity. CPTAI's current rate for interstate transportation between these points is \$5.052 per barrel. Tariff No. 19.13.0 is filed to decrease that rate to \$4.668 per barrel. The new rate set forth in FERC Tariff No. 19.13.0 is being filed pursuant to the Settlement Agreement Establishing Variable Tariff Methodology for the Trans Alaska Pipeline System ("VTM Settlement Agreement"), which was approved by the Commission in *ConocoPhillips Transportation Alaska, Inc.*, 162 FERC ¶ 61,180 (Feb. 28, 2018).

Pursuant to Section I-4(a) of the VTM Settlement Agreement, attached is a print out of the rate model showing the calculation of the Maximum Allowable Interstate Rate ("MAIR") for the upcoming Annual Rate Period from July 1, 2022 through June 30, 2023. The print out of the rate model is in the same format as that shown in Exhibit F of the VTM Settlement Agreement. Please note that any values shown in the print out of the rate model for future years were not used in the calculation of the MAIR for the 2022-2023 Annual Rate Period and have no impact on that calculation. Such values will be updated in future years' MAIR filings to reflect then-current data. Rates for prior years are also not shown.

Honorable Kimberly D. Bose, Secretary Federal Energy Regulatory Commission May 31, 2022 Page 2

CPTAI requests that any protests or complaints, which in any way affect this tariff publication, be transmitted concurrent with their filing to the following person at the contact information shown below:

Daniel J. Poynor Steptoe & Johnson LLP dpoynor@steptoe.com Fax: (202) 429-3902 Phone: (202) 429-6233

We certify that we have on or before this day notified all subscribers via email which contained the link to our tariff website that contains the updated posted tariffs.

If you have any questions or comments, please contact Barat M. LaPorte at (907) 265-6544.

Sincerely, Sandra Pierce

Regulatory Coordinator

cc: Tariff Subscribers

CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

LOCAL PIPELINE TARIFF

RATES

Governing The Transportation of CRUDE PETROLEUM

Transported by Pipeline from Points in Prudhoe, North Slope Borough, Alaska

то

City of VALDEZ, ALASKA

Issued under authority of 18 CFR § 342.0(b) and *ConocoPhillips Transportation Alaska, Inc.*, 162 FERC ¶ 61,180 (Feb. 28, 2018). Rates are governed, except as otherwise provided herein, by the rules and regulations in ConocoPhillips Transportation Alaska, Inc.'s FERC Tariff No. 20.2.0 and supplements thereto and reissues thereof.

Carrier will receive

Petroleum for transportation through its own pipeline and deliver to marine vessels at its Valdez terminal.

The matter published herein will have no adverse effect on the quality of the human environment.

ISSUED: May 31, 2022

ISSUED BY **[N]** Frank Feghali Cameron Reitmeier Vice President ConocoPhillips Transportation Alaska, Inc. **[N]** 700 G Street, ANO-10 ATO 20-2044 Anchorage, Alaska 99501 EFFECTIVE: July 1, 2022

COMPILED BY Sandra Pierce Regulatory Coordinator ConocoPhillips Transportation Alaska, Inc. [N] 700 G Street, ANO-10 ATO 20-2052 Anchorage, Alaska 99501

RATE TABLE

Transportation rate in dollars per barrel of 42 United States Gallons, on the transportation of PETROLEUM in interstate commerce from the established receiving station to the established delivery place at locations named below:

FROM	то	SOURCE	RATE
Trans Alaska Pipeline System Pump Station No. 1	Valdez, Alaska	Prudhoe Bay Kuparuk Lisburne Endicott Northstar	\$4.668 [D] \$4.668 [D] \$4.668 [D] \$4.668 [D] \$4.668 [D]

GATHERING RATE: The above rate covers transportation by trunk line only and no gathering service will be performed under this tariff.

The rate indicated is exclusive of any amounts required or allowed by applicable law or regulation including but not limited to the amount collected for the System Liability Fund (Item No. 17 of F.E.R.C. No. 20.2.0) and/or any penalties which may be incurred pursuant to the terms of Item 7 of F.E.R.C. No. 20.2.0.

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EXPLANATION OF REFERENCE MARKS

[D] Decrease

[N] New

TRANS ALASKA PIPELINE SYSTEM INTERSTATE VARIABLE TARIFF SETTLEMENT METHODOLOGY

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TRANS ALASKA PIPELINE SYSTEM Forward-Looking Maximum Allowable Interstate Rate

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Line <u>No. Description</u>	Source		2022 - <u>2023</u>	2023 - <u>2024</u>	2024 - <u>2025</u>	2025 - <u>2026</u>
1 Total Cost of Service Before Net Carryover (\$ millions)	Statement 2, Ln. 10		\$910.2	\$88.7	\$73.6	\$73.6
2 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 66		2.9	-	-	-
3 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 67		5.9	-	-	-
4 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 68		10.6	-	-	-
5 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 73		160.0	-	-	-
6 Total Deliveries (Million Barrels)	Sum Lns. (2 to 5)		179.4	-	-	-
7 GVEA Distance (Miles)	Workpaper 1, Ln. 75		469.06	469.06	469.06	469.06
8 Petrostar Distance (Miles)	Workpaper 1, Ln. 76		796.00	796.00	796.00	796.00
9 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77		800.32	800.32	800.32	800.32
10 GVEA Deliveries (Million Barrel-Miles)	Lns. (2 * 7)		1,352.5	-	-	-
11 Petrostar Deliveries (Million Barrel-Miles)	Lns. (3 * 8)		4,701.3	-	-	-
12 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (4 * 9)		8,497.4	-	-	-
13 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (5 * 9)	12	28,053.8	-	-	-
14 Total Deliveries (Million Barrel-Miles)	Sum Lns. (10 to 13)	14	2,605.0	-	-	-
15 Total Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 44		\$88.2	\$0.0	\$0.0	\$0.0
Total Cost of Service Before Net Carryover						
16 GVEA Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*10+15/6*2		\$9.2	\$0.0	\$0.0	\$0.0
17 Petrostar Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*11+15/6*3		\$30.0	\$0.0	\$0.0	\$0.0
18 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*12+15/6*4		\$54.2	\$0.0	\$0.0	\$0.0
19 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*13+15/6*5		\$816.8	\$0.0	\$0.0	\$0.0
Interstate Cost of Service After Net Carryover						
20 Net Carryover - Interstate (\$ millions)	Statement 9, Prior Ln. 11		(\$69.9)	(\$71.0)	(\$71.0)	(\$71.0)
21 Interstate Cost of Service After Net Carryover (\$ millior	Lns. (19 + 20)		\$746.9	(\$71.0)	(\$71.0)	(\$71.0)
22 Valdez Interstate Rate (\$/bbl)	Lns. (21 / 5)		\$4.668	\$0.000	\$0.000	\$0.000

Forward-Looking Maximum Allowable Interstate Rate

Statement 1 Page 2 of 4

Line <u>No. Description</u>	Source	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>
1 Total Cost of Service Before Net Carryover (\$ millions)	Statement 2, Ln. 10	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6
2 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 66	-	-	-	-	-	-	-	-
3 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 67	-	-	-	-	-	-	-	-
4 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 68	-	-	-	-	-	-	-	-
5 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 73	-	-	-	-	-	-	-	-
6 Total Deliveries (Million Barrels)	Sum Lns. (2 to 5)	-	-	-	-	-	-	-	-
7 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06
8 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00
9 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32
10 GVEA Deliveries (Million Barrel-Miles)	Lns. (2 * 7)	-	-	-	-	-	-	-	-
11 Petrostar Deliveries (Million Barrel-Miles)	Lns. (3 * 8)	-	-	-	-	-	-	-	-
12 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (4 * 9)	-	-	-	-	-	-	-	-
13 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (5 * 9)	-	-	-	-	-	-	-	-
14 Total Deliveries (Million Barrel-Miles)	Sum Lns. (10 to 13)	-	-	-	-	-	-	-	-
15 Total Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 44	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Cost of Service Before Net Carryover									
16 GVEA Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*10+15/6*2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Petrostar Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*11+15/6*3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*12+15/6*4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
19 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*13+15/6*5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Interstate Cost of Service After Net Carryover									
20 Net Carryover - Interstate (\$ millions)	Statement 9, Prior Ln. 11	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
21 Interstate Cost of Service After Net Carryover (\$ millior	Lns. (19 + 20)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
22 Valdez Interstate Rate (\$/bbl)	Lns. (21 / 5)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

Forward-Looking Maximum Allowable Interstate Rate

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Line <u>No. Description</u>	Source	2034 - <u>2035</u>	2035 - <u>2036</u>	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>	2039 - <u>2040</u>	2040 - <u>2041</u>	2041 - <u>2042</u>
1 Total Cost of Service Before Net Carryover (\$ millions)	Statement 2, Ln. 10	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6
2 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 66	-	-	-	-	-	-	-	-
3 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 67	-	-	-	-	-	-	-	-
4 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 68	-	-	-	-	-	-	-	-
5 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 73	-	-	-	-	-	-	-	-
6 Total Deliveries (Million Barrels)	Sum Lns. (2 to 5)	-	-	-	-	-	-	-	-
7 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06
8 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00
9 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32
10 GVEA Deliveries (Million Barrel-Miles)	Lns. (2 * 7)	-	-	-	-	-	-	-	-
11 Petrostar Deliveries (Million Barrel-Miles)	Lns. (3 * 8)	-	-	-	-	-	-	-	-
12 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (4 * 9)	-	-	-	-	-	-	-	-
13 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (5 * 9)	-	-	-	-	-	-	-	-
14 Total Deliveries (Million Barrel-Miles)	Sum Lns. (10 to 13)	-	-	-	-	-	-	-	-
15 Total Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 44	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Cost of Service Before Net Carryover									
16 GVEA Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*10+15/6*2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Petrostar Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*11+15/6*3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*12+15/6*4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
19 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*13+15/6*5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Interstate Cost of Service After Net Carryover									
20 Net Carryover - Interstate (\$ millions)	Statement 9, Prior Ln. 11	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
21 Interstate Cost of Service After Net Carryover (\$ millior	Lns. (19 + 20)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
22 Valdez Interstate Rate (\$/bbl)	Lns. (21 / 5)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

TRANS ALASKA PIPELINE SYSTEM Forward-Looking Maximum Allowable Interstate Rate		tatement 1 Page 4 of 4		
Line		2042 -	2043 -	2044 -
No. Description	Source	<u>2043</u>	<u>2044</u>	2044
1 Total Cost of Service Before Net Carryover (\$ millions)	Statement 2, Ln. 10	\$73.6	\$73.6	\$73.6
2 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 66	-	-	-
3 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 67	-	-	-
4 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 68	-	-	-
5 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 73	-	-	-
6 Total Deliveries (Million Barrels)	Sum Lns. (2 to 5)	-	-	-
7 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.06	469.06	469.06
8 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.00	796.00	796.00
9 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.32	800.32	800.32
10 GVEA Deliveries (Million Barrel-Miles)	Lns. (2 * 7)	-	-	_
11 Petrostar Deliveries (Million Barrel-Miles)	Lns. (3 * 8)	-	-	-
12 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (4 * 9)	-	-	-
13 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (5 * 9)	-	-	-
14 Total Deliveries (Million Barrel-Miles)	Sum Lns. (10 to 13)	-	-	-
15 Total Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 44	\$0.0	\$0.0	\$0.0
Total Cost of Service Before Net Carryover				
16 GVEA Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*10+15/6*2	\$0.0	\$0.0	\$0.0
17 Petrostar Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*11+15/6*3	\$0.0	\$0.0	\$0.0
18 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*12+15/6*4	\$0.0	\$0.0	\$0.0
19 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (1-15)/14*13+15/6*5	\$0.0	\$0.0	\$0.0
Interstate Cost of Service After Net Carryover				
20 Net Carryover - Interstate (\$ millions)	Statement 9, Prior Ln. 11	(\$71.0)	(\$71.0)	(\$71.0)
21 Interstate Cost of Service After Net Carryover (\$ million	Lns. (19 + 20)	(\$71.0)	(\$71.0)	(\$71.0)
22 Valdez Interstate Rate (\$/bbl)	Lns. (21 / 5)	\$0.000	\$0.000	\$0.000

TRANS ALASKA PIPELINE SYSTEM	Statement 2
Total Cost of Service Before Net Carryover - Maximum Allowable Interstate Rate	Page 1 of 4
(\$ millions)	

Line		2022 -	2023 -	2024 -	2025 -
No. Description	Source	<u>2023</u>	<u>2024</u>	<u>2025</u>	2026
1 Operating Expense	Statement 3, Ln. 8	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)
2 Depreciation	Workpaper 4, Ln. 20	\$57.7	\$57.7	\$57.7	\$57.7
3 Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6
4 Long Term Debt AFUDC Amortization	Statement 8, Ln. 12	\$3.3	\$3.3	\$3.3	\$3.3
5 Return on Rate Base	Statement 4, Ln. 14	\$115.0	\$0.0	\$0.0	\$0.0
6 Income Tax Allowance	Statement 5, Ln. 13	\$41.0	\$6.0	\$1.7	\$1.7
7 Amortization of Allowed SR Project Costs	Workpaper 9, Ln. 5	\$8.7	\$8.7	\$8.7	\$8.7
8 Deferred Return Amortization	Workpaper 10, Ln. 5	\$21.7	\$10.8	\$0.0	\$0.0
9 Minus Other Credits, Nontariff Rev., and Misc. Rev.	Workpaper 1, Ln. 43	\$0.7	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover	Sum Lns. (1 to 8) - Ln. 9	\$910.2	\$88.7	\$73.6	\$73.6

Total Cost of Service Before Net Carryover - Maximum Allowable Interstate Rate (\$ millions)

Statement 2	
Page 2 of 4	

Line <u>No. Description</u>	Source	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>
1 Operating Expense	Statement 3, Ln. 8	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)
2 Depreciation	Workpaper 4, Ln. 20	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
3 Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
4 Long Term Debt AFUDC Amortization	Statement 8, Ln. 12	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
5 Return on Rate Base	Statement 4, Ln. 14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 Income Tax Allowance	Statement 5, Ln. 13	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7
7 Amortization of Allowed SR Project Costs	Workpaper 9, Ln. 5	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
8 Deferred Return Amortization	Workpaper 10, Ln. 5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Minus Other Credits, Nontariff Rev., and Misc. Rev.	Workpaper 1, Ln. 43	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6

Total Cost of Service Before Net Carryover - Maximum Allowable Interstate Rate (\$ millions)

Statement 2	
Page 3 of 4	

Line <u>No. Description</u>	Source	2034 - <u>2035</u>	2035 - <u>2036</u>	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>	2039 - <u>2040</u>	2040 - <u>2041</u>	2041 - <u>2042</u>
1 Operating Expense	Statement 3, Ln. 8	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)
2 Depreciation	Workpaper 4, Ln. 20	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
3 Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
4 Long Term Debt AFUDC Amortization	Statement 8, Ln. 12	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
5 Return on Rate Base	Statement 4, Ln. 14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 Income Tax Allowance	Statement 5, Ln. 13	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7
7 Amortization of Allowed SR Project Costs	Workpaper 9, Ln. 5	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
8 Deferred Return Amortization	Workpaper 10, Ln. 5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Minus Other Credits, Nontariff Rev., and Misc. Rev.	Workpaper 1, Ln. 43	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6

Tota	TRANS ALASKA PIPELINE SYSTEM Total Cost of Service Before Net Carryover - Maximum Allowable Interstate Rate (\$ millions)							
Line <u>No.</u>	Description	<u>Source</u>	2042 - <u>2043</u>	2043 - <u>2044</u>	2044 - <u>2044</u>			
1	Operating Expense	Statement 3, Ln. 8	(\$4.5)	(\$4.5)	(\$4.5)			
2	Depreciation	Workpaper 4, Ln. 20	\$57.7	\$57.7	\$57.7			
3	Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6			
4	Long Term Debt AFUDC Amortization	Statement 8, Ln. 12	\$3.3	\$3.3	\$3.3			
5	Return on Rate Base	Statement 4, Ln. 14	\$0.0	\$0.0	\$0.0			
6	Income Tax Allowance	Statement 5, Ln. 13	\$1.7	\$1.7	\$1.7			
7	Amortization of Allowed SR Project Costs	Workpaper 9, Ln. 5	\$8.7	\$8.7	\$8.7			
8	Deferred Return Amortization	Workpaper 10, Ln. 5	\$0.0	\$0.0	\$0.0			
9	Minus Other Credits, Nontariff Rev., and Misc. Rev.	Workpaper 1, Ln. 43	\$0.0	\$0.0	\$0.0			
10	Total Cost of Service Before Net Carryover	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6	\$73.6			

Settlement Agreement Establishing Variable Tariff Methodology for the Trans Alaska Pipeline System Exhibit F

TRANS ALASKA PIPELINE SYSTEM Operating Expense - Maximum Allowable Interstate (\$ millions)	Rate				tatement 3 Page 1 of 4
Line		2022 -	2023 -	2024 -	2025 -
No. Description	Source	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>
1 Alyeska Operating Expenses	Workpaper 1, Ln. 40	\$482.4	\$0.0	\$0.0	\$0.0
2 Carrier Direct Costs Excluding Ad Valorem Tax	Workpaper 1, Ln. 39	\$24.3	\$0.0	\$0.0	\$0.0
3 Ad Valorem Property Tax	Workpaper 1, Ln. 38	\$160.0	\$0.0	\$0.0	\$0.0
4 Income Taxes on Imputed Management Fees	Workpaper 1, Ln. 41	\$1.8	\$0.0	\$0.0	\$0.0
5 PBOP Earnings Credit	Workpaper 1, Ln. 42	\$8.0	\$4.5	\$4.5	\$4.5
6 Operating Expense (Account 610)	Lns. (1 + 2 + 3 - 4 - 5)	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)
Amort. of Infrequent and Extraordinary Items (Accts. 665 and 680)	Statement 3A, Prior Ln. 41	\$0.0	\$0.0	\$0.0	\$0.0
8 Total Operating Expense	Lns. (6 + 7)	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)

Statement 3 **Operating Expense - Maximum Allowable Interstate Rate** Page 2 of 4 Line 2026 -2027 -2028 -2029 -2030 -2031 -2032 -2033 -No. Description Source 2027 2028 2029 2030 2031 2032 2033 2034 1 Alyeska Operating Expenses Workpaper 1, Ln. 40 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 2 Carrier Direct Costs Excluding Ad Valorem Tax Workpaper 1, Ln. 39 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 3 Ad Valorem Property Tax Workpaper 1, Ln. 38 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Income Taxes on Imputed Management Fees Workpaper 1, Ln. 41 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 4 PBOP Earnings Credit 5 Workpaper 1, Ln. 42 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 Operating Expense (Account 610) Lns. (1 + 2 + 3 - 4 - 5)6 (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) Amort. of Infrequent and Extraordinary Items 7 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Statement 3A, Prior Ln. 41 \$0.0 \$0.0 \$0.0 (Accts. 665 and 680) 8 Total Operating Expense Lns. (6 + 7) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5)

TRANS ALASKA PIPELINE SYSTEM

(\$ millions)

Statement 3 **Operating Expense - Maximum Allowable Interstate Rate** Page 3 of 4 (\$ millions) Line 2034 -2035 -2036 -2037 -2038 -2039 -2040 -2041 -No. Description Source 2035 2036 2037 2038 2039 2040 2041 2042 1 Alyeska Operating Expenses Workpaper 1, Ln. 40 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 2 Carrier Direct Costs Excluding Ad Valorem Tax Workpaper 1, Ln. 39 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 3 Ad Valorem Property Tax Workpaper 1, Ln. 38 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Income Taxes on Imputed Management Fees Workpaper 1, Ln. 41 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 4 PBOP Earnings Credit 5 Workpaper 1, Ln. 42 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 Operating Expense (Account 610) Lns. (1 + 2 + 3 - 4 - 5)6 (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) Amort. of Infrequent and Extraordinary Items 7 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Statement 3A, Prior Ln. 41 \$0.0 \$0.0 \$0.0 (Accts. 665 and 680) 8 Total Operating Expense Lns. (6 + 7) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5)

TRANS ALASKA PIPELINE SYSTEM

Op	ANS ALASKA PIPELINE SYSTEM erating Expense - Maximum Allowable Interstate nillions)	Rate			tatement 3 Page 4 of 4
Lin	e		2042 -	2043 -	2044 -
No	. Description	Source	<u>2043</u>	2044	<u>2044</u>
1	Alyeska Operating Expenses	Workpaper 1, Ln. 40	\$0.0	\$0.0	\$0.0
2	Carrier Direct Costs Excluding Ad Valorem Tax	Workpaper 1, Ln. 39	\$0.0	\$0.0	\$0.0
3	Ad Valorem Property Tax	Workpaper 1, Ln. 38	\$0.0	\$0.0	\$0.0
4	Income Taxes on Imputed Management Fees	Workpaper 1, Ln. 41	\$0.0	\$0.0	\$0.0
5	PBOP Earnings Credit	Workpaper 1, Ln. 42	\$4.5	\$4.5	\$4.5
6	Operating Expense (Account 610)	Lns. (1 + 2 + 3 - 4 - 5)	(\$4.5)	(\$4.5)	(\$4.5)
7	Amort. of Infrequent and Extraordinary Items (Accts. 665 and 680)	Statement 3A, Prior Ln. 41	\$0.0	\$0.0	\$0.0
8	Total Operating Expense	Lns. (6 + 7)	(\$4.5)	(\$4.5)	(\$4.5)

TRANS ALASKA PIPELINE SYSTEM	Statement 4
Return on Rate Base - Maximum Allowable Interstate Rate	Page 1 of 4
(\$ millions)	

Lin	e		2022 -	2023 -	2024 -	2025 -
No	. Description	Source	2023	<u>2024</u>	2025	<u>2026</u>
						** *** *
1	Rate Base Excluding Net Deferred Return	Statement 6, Ln. 7	\$1,392.7	\$1,239.9	\$1,163.9	\$1,090.2
2	Net Deferred Return	Statement 6, Ln. 8	\$43.4	\$21.7	\$0.0	\$0.0
3	Rate Base Including Net Deferred Return	Lns. $(1 + 2)$	\$1,436.1	\$1,261.6	\$1,163.9	\$1,090.2
4	Long-Term Debt Ratio	1.0 - Ln. 5	52.07%	100.00%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	47.93%	0.00%	0.00%	0.00%
~		X	\$705.0	¢1.220.0	¢1.162.0	¢1.000.2
6	8	Lns. (1 * 4)	\$725.2	\$1,239.9	\$1,163.9	\$1,090.2
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. $(1 + 2 - 6)$	\$710.9	\$21.7	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	50.50%	98.28%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	49.50%	1.72%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	5.21%	0.00%	0.00%	0.00%
10	Rate of Return on Equity	Workpaper 1, Ln. 2	10.86%	0.00%	0.00%	0.00%
11	1 2	A A ·				
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	8.01%	0.00%	0.00%	0.00%
13	Rate Base	Ln. 3	\$1,436.1	\$1,261.6	\$1,163.9	\$1,090.2
14	Overall Return on Rate Base	Lns. (12 * 13)	\$115.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	2.63%	0.00%	0.00%	0.00%
		· ,	\$37.8			\$0.0
10	Interest Expense	Lns. (13 * 15)	\$37.8	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$77.2	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Maximum Allowable Interstate Rate

Statement 4 Page 2 of 4

(\$	millions)
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Line <u>No.</u>	Description	Source	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>
1	Rate Base Excluding Net Deferred Return Net Deferred Return	Statement 6, Ln. 7 Statement 6, Ln. 8	\$1,018.3 \$0.0	\$948.2 \$0.0	\$880.1 \$0.0	\$814.2 \$0.0	\$750.1 \$0.0	\$688.3 \$0.0	\$629.2 \$0.0	\$572.4 \$0.0
3	Rate Base Including Net Deferred Return	Lns. $(1 + 2)$	\$1,018.3	\$948.2	\$880.1	\$814.2	\$750.1	\$688.3	\$629.2	\$572.4
4 5	Long-Term Debt Ratio Equity Ratio	1.0 - Ln. 5 Workpaper 1, Ln. 1	100.00% 0.00%							
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$1,018.3	\$948.2	\$880.1	\$814.2	\$750.1	\$688.3	\$629.2	\$572.4
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Rate Base	Ln. 3	\$1,018.3	\$948.2	\$880.1	\$814.2	\$750.1	\$688.3	\$629.2	\$572.4
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Statement 4

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TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Maximum Allowable Interstate Rate

(\$ millions)

Line <u>No</u>	<u>Description</u>	Source	2034 - <u>2035</u>	2035 - <u>2036</u>	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>	2039 - <u>2040</u>	2040 - <u>2041</u>	2041 - <u>2042</u>
1	Rate Base Excluding Net Deferred Return	Statement 6, Ln. 7	\$517.7	\$464.9	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8
2	Net Deferred Return	Statement 6, Ln. 8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	Rate Base Including Net Deferred Return	Lns. (1 + 2)	\$517.7	\$464.9	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8
4	Long-Term Debt Ratio	1.0 - Ln. 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$517.7	\$464.9	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Equity	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11		Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12		Lns. ((8*10) + (9*11))	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Rate Base	Ln. 3	\$517.7	\$464.9	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Retu	NS ALASKA PIPELINE SYSTEM Irn on Rate Base - Maximum Allowable Interstate Rat illions)	e			Statement 4 Page 4 of 4
Line			2042 -	2043 -	2044 -
<u>No.</u>	Description	Source	<u>2043</u>	<u>2044</u>	<u>2044</u>
1	Rate Base Excluding Net Deferred Return	Statement 6, Ln. 7	\$115.2	\$65.5	\$15.9
2	Net Deferred Return	Statement 6, Ln. 8	\$0.0	\$0.0	\$0.0
3	Rate Base Including Net Deferred Return	Lns. (1 + 2)	\$115.2	\$65.5	\$15.9
4	Long-Term Debt Ratio	1.0 - Ln. 5	100.00%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$115.2	\$65.5	\$15.9
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%
11	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	0.00%	0.00%	0.00%
13	Rate Base	Ln. 3	\$115.2	\$65.5	\$15.9
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM	Statement 5
Income Tax Allowance - Maximum Allowable Interstate Rate	Page 1 of 3
(\$ millions)	

Line No.		Source	2022 - 2023	2023 - <u>2024</u>	2024 - <u>2025</u>	2025 - <u>2026</u>	2026 - <u>2027</u>
_	- <u>- +</u>						
1	Equity Portion of Return on Rate Base	Statement 4, Ln. 17	\$77.2	\$0.0	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 5	\$21.7	\$10.8	\$0.0	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 21	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. $(1 + 2 + 3 - 4)$	\$104.8	\$16.8	\$6.0	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$27.2	\$3.8	\$0.9	\$0.9	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$132.7	\$21.3	\$7.5	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. (10 / (1.0 - 10))	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$13.8	\$2.2	\$0.8	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$41.0	\$6.0	\$1.7	\$1.7	\$1.7

Income Tax Allowance - Maximum Allowable Interstate Rate (\$ millions)

Statement 5 Page 2 of 3

Line <u>No.</u>	Description	Source	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>	2034 - <u>2035</u>	2035 - <u>2036</u>
1	Equity Portion of Return on Rate Base	Statement 4, Ln. 17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 21	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. $(1 + 2 + 3 - 4)$	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. $(6 / (1.0 - 6))$	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. (10 / (1.0 - 10))	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7

Income Tax Allowance - Maximum Allowable Interstate Rate (\$ millions)

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Line <u>No.</u>	Description	Source	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>	2039 - <u>2040</u>	2040 - <u>2041</u>	2041 - <u>2042</u>	2042 - <u>2043</u>	2043 - <u>2044</u>	2044 - <u>2044</u>
1	Equity Portion of Return on Rate Base	Statement 4, Ln. 17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 11	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 21	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. (1 + 2 + 3 - 4)	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. (10 / (1.0 - 10))	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7

TRANS ALASKA PIPELINE SYSTEM Interstate Cost of Service After Net Carryover - Actual (\$ millions)										tement 1A Page 1 of 4
Line <u>No.</u> Description	Source	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
1 Interstate Cost of Service Before Net Carryover	Statement 2A, Ln. 29	\$820.4	\$791.1	\$804.8	\$803.2	\$800.5	\$815.1	\$0.0	\$0.0	\$0.0
2 Net Carryover - Interstate	Statement 9, Prior Ln. 11	<u>na</u>	<u>na</u>	<u>na</u>	<u>\$20.6</u>	<u>\$40.7</u>	<u>(\$36.9)</u>	<u>(\$69.9)</u>	<u>(\$71.0)</u>	<u>(\$71.0)</u>
3 Interstate Cost of Service After Net Carryover	Lns. (1 + 2)	\$820.4	\$791.1	\$804.8	\$823.7	\$841.2	\$778.2	(\$69.9)	(\$71.0)	(\$71.0)

TRANS ALASKA PIPELINE SYSTEM Interstate Cost of Service After Net Carryover - Actual (\$ millions)										tement 1A Page 2 of 4
Line <u>No.</u> Description	Source	2025	<u>2026</u>	2027	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
1 Interstate Cost of Service Before Net Carryover	Statement 2A, Ln. 29	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2 Net Carryover - Interstate	Statement 9, Prior Ln. 11	<u>(\$71.0)</u>								
3 Interstate Cost of Service After Net Carryover	Lns. (1 + 2)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)

TRANS ALASKA PIPELINE SYSTEM Interstate Cost of Service After Net Carryover - Actual (\$ millions)										tement 1A Page 3 of 4
Line <u>No.</u> Description	Source	<u>2034</u>	<u>2035</u>	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	2042
1 Interstate Cost of Service Before Net Carryover	Statement 2A, Ln. 29	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2 Net Carryover - Interstate	Statement 9, Prior Ln. 11	<u>(\$71.0)</u>	<u>(\$71.0)</u>	<u>(\$71.0)</u>	<u>(\$71.0)</u>	<u>(\$71.0)</u>	(\$71.0)	<u>(\$71.0)</u>	<u>(\$71.0)</u>	(\$71.0)
3 Interstate Cost of Service After Net Carryover	Lns. (1 + 2)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)

TRANS ALASKA PIPELINE SYSTEM Interstate Cost of Service After Net Carryover - Actual (\$ millions)		Stat	tement 1A Page 4 of 4
Line <u>No. Description</u>	Source	2043	2044
1 Interstate Cost of Service Before Net Carryover	Statement 2A, Ln. 29	\$0.0	\$0.0
2 Net Carryover - Interstate	Statement 9, Prior Ln. 11	<u>(\$71.0)</u>	<u>(\$71.0)</u>
3 Interstate Cost of Service After Net Carryover	Lns. (1 + 2)	(\$71.0)	(\$71.0)

TRANS ALASKA PIPELINE SYSTEM Total Cost of Service Before Net Carryover - Actual

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Line										
No. Description	Source	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	<u>2020</u>	2021	2022	2023	2024
1 Operating Expense (\$ millions)	Statement 3A. Ln. 42	\$689.1	\$656.8	\$678.9	\$658.7	\$623.0	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)
2 Depreciation (\$ millions)	Workpaper 4, Ln. 15	\$33.6	\$050.8	\$078.9 \$44.2	\$038.7	\$023.0 \$52.9	\$55.9	(34.3) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7
3 Equity AFUDC Amortization (\$ millions)	Statement 8, Ln. 4	\$33.0	\$38.9	\$44.2 \$5.5	\$6.0	\$6.3	\$6.5	\$6.6	\$6.6	\$57.7 \$6.6
 4 Long Term Debt AFUDC Amortization (\$ millions) 	Statement 8, Ln. 8	\$2.3	\$4.) \$2.6	\$2.8	\$3.1	\$3.2	\$3.3	\$3.3	\$3.3	\$3.3
5 Return on Rate Base (\$ millions)	Statement 4A, Ln. 14	\$103.1	\$110.5	\$114.8	\$118.7	\$119.1	\$116.7	\$9.9 \$0.0	\$0.0	\$0.0
6 Income Tax Allowance (\$ millions)	Statement 5A, Ln. 13	\$70.0	\$72.6	\$41.9	\$42.5	\$42.4	\$41.6	\$10.3	\$10.3	\$1.7
 7 Amortization of Allowed SR Project Costs (\$ millions) 	Workpaper 9, Ln. 3	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
8 Deferred Return Amortization (\$ millions)	Workpaper 10, Ln. 3	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$0.0
 9 Minus Other Credits, Nontariff Rev., and Misc. Rev. (\$ millions) 	Workpaper 1, Ln. 33	\$0.5	\$0.5	\$1.1	\$0.2	\$2.1	\$0.7	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover (\$ millions)	Sum Lns. (1 to 8) - Ln. 9	\$932.2	\$916.3	\$917.4	\$908.4	\$875.2	\$910.6	\$103.9	\$103.9	\$73.6
		¢70212	\$71010	ψ/1/11	\$70011	\$0701 <u>2</u>	\$71010	¢1001/	<i><i><i>q</i>10017</i></i>	<i><i></i></i>
11 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 53	2.4	2.7	2.7	2.8	3.0	2.9	-	-	-
12 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 56	5.4	5.5	5.6	5.8	5.5	5.9	-	-	-
13 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 59	15.9	18.7	15.4	12.8	7.3	10.6	-	-	-
14 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 62	167.3	164.2	162.4	155.9	157.3	156.2	-	-	-
15 Total Deliveries (Million Barrels)	Sum Lns. (11 to 14)	191.0	191.2	186.1	177.4	173.0	175.6	-	-	-
16 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1
17 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	409.1 796.0	409.1 796.0	796.0	409.1 796.0	409.1 796.0	409.1 796.0	409.1 796.0	409.1 796.0	409.1 796.0
18 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3
18 Valuez Intrastate/Interstate Distance (Wines)	workpaper 1, Ell. 77	800.5	800.5	800.5	800.5	800.5	800.5	800.5	800.5	800.5
19 GVEA Deliveries (Million Barrel-Miles)	Lns. (11 * 16)	1,146.9	1,289.4	1,264.6	1,321.3	1,385.4	1,352.5	-	-	-
20 Petrostar Deliveries (Million Barrel-Miles)	Lns. (12 * 17)	4,271.9	4,389.1	4,423.9	4,654.5	4,411.9	4,701.3	-	-	-
21 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (13 * 18)	12,713.1	14,981.4	12,359.2	10,232.0	5,810.5	8,497.4	-	-	-
22 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (14 * 18)	133,928.1	131,399.8	129,995.0	124,798.8	125,873.0	124,974.4	-	-	-
23 Total Deliveries (Million Barrel-Miles)	Sum Lns. (19 to 22)	152,060.0	152,059.7	148,042.6	141,006.5	137,480.7	139,525.7	-	-	-
24 Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 36	\$139.3	\$122.6	\$138.6	\$136.1	\$126.3	\$88.2	\$0.0	\$0.0	\$0.0
25 GVEA Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*19+24/15*11	\$7.8	\$8.5	\$8.7	\$9.4	\$9.7	\$9.4	\$0.0	\$0.0	\$0.0
26 Petrostar Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*20+24/15*12	\$26.2	\$26.4	\$27.4	\$30.0	\$28.1	\$30.7	\$0.0	\$0.0	\$0.0
27 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*21+24/15*13	\$77.9	\$90.2	\$76.5	\$65.8	\$37.0	\$55.4	\$0.0	\$0.0	\$0.0
28 Intrastate Portion of Cost of Service (\$ millions)	Sum Lns. (25 to 27)	\$111.8	\$125.1	\$112.6	\$105.2	\$74.7	\$95.5	\$0.0	\$0.0	\$0.0
29 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*22+24/15*14	\$820.4	\$791.1	\$804.8	\$803.2	\$800.5	\$815.1	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM Total Cost of Service Before Net Carryover - Actual

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Line										
No. Description	Source	2025	<u>2026</u>	<u>2027</u>	2028	2029	<u>2030</u>	<u>2031</u>	<u>2032</u>	2033
1 Operating Expanse (\$ millions)	Statement 3A, Ln. 42	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)
 Operating Expense (\$ millions) Depreciation (\$ millions) 	Workpaper 4, Ln. 15	(\$4.3) \$57.7	(\$4.5) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.5) \$57.7	(\$4.5) \$57.7	(\$4.3) \$57.7
3 Equity AFUDC Amortization (\$ millions)	Statement 8, Ln. 4	\$57.7 \$6.6								
4 Long Term Debt AFUDC Amortization (\$ millions)	Statement 8, Ln. 8	\$3.3	\$0.0 \$3.3	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0 \$3.3	\$3.3	\$0.0 \$3.3
5 Return on Rate Base (\$ millions)	Statement 4A, Ln. 14	\$3.3 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.3 \$0.0	\$3.3 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0
	Statement 5A, Ln. 13		\$0.0 \$1.7	\$0.0 \$1.7		\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7
		\$1.7	\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7		\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7
7 Amortization of Allowed SR Project Costs (\$ millions)	Workpaper 9, Ln. 3	\$8.7				\$8.7				
8 Deferred Return Amortization (\$ millions)	Workpaper 10, Ln. 3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Minus Other Credits, Nontariff Rev., and Misc. Rev. (\$ millions)	Workpaper 1, Ln. 33	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover (\$ millions)	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6
11 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 53	-	_	_	_	_	_	_	_	_
12 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 55	_	_	_	_	_	_	_	_	_
13 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 59									
14 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 62	-	-	-	-	-	-	-	-	-
15 Total Deliveries (Million Barrels)	Sum Lns. (11 to 14)	-	-	-	-	-	-	-	-	-
15 Total Deriveries (Million Barreis)	Sulli Liis. (11 to 14)	-	-	-	-	-	-	-	-	-
16 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1
17 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.0	796.0	796.0	796.0	796.0	796.0	796.0	796.0	796.0
18 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3
19 GVEA Deliveries (Million Barrel-Miles)	Lns. (11 * 16)	-	-	-	-	-	-	-	-	-
20 Petrostar Deliveries (Million Barrel-Miles)	Lns. (12 * 17)	-	-	-	-	-	-	-	-	-
21 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (13 * 18)	-	-	-	-	-	-	-	-	-
22 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (14 * 18)	-	-	-	-	-	-	-	-	-
23 Total Deliveries (Million Barrel-Miles)	Sum Lns. (19 to 22)	-	-	-	-	-	-	-	-	-
24 Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 36	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
25 GVEA Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*19+24/15*11	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
26 Petrostar Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*20+24/15*12	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
27 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*21+24/15*13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
28 Intrastate Portion of Cost of Service (\$ millions)	Sum Lns. (25 to 27)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
29 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*22+24/15*14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM Total Cost of Service Before Net Carryover - Actual

Statement 2A Page 3 of 4

Line										
No. Description	Source	<u>2034</u>	2035	<u>2036</u>	2037	2038	<u>2039</u>	<u>2040</u>	<u>2041</u>	2042
1 Operating Expense (\$ millions)	Statement 3A, Ln. 42	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)	(\$4.5)
2 Depreciation (\$ millions)	Workpaper 4, Ln. 15	(\$4.3) \$57.7	(\$4.5) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.3) \$57.7	(\$4.5) \$57.7	(\$4.5) \$57.7	(\$4.3) \$57.7
3 Equity AFUDC Amortization (\$ millions)	Statement 8, Ln. 4	\$57.7 \$6.6								
4 Long Term Debt AFUDC Amortization (\$ millions)	Statement 8, Ln. 8	\$3.3	\$0.0 \$3.3	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0 \$3.3	\$0.0 \$3.3	\$0.0 \$3.3
5 Return on Rate Base (\$ millions)	Statement 4A, Ln. 14	\$3.3 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.3 \$0.0	\$3.3 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0	\$3.5 \$0.0
	Statement 5A, Ln. 13		\$0.0 \$1.7	\$0.0 \$1.7		\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7	\$0.0 \$1.7
		\$1.7	\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7		\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7	\$1.7 \$8.7
7 Amortization of Allowed SR Project Costs (\$ millions)	Workpaper 9, Ln. 3	\$8.7 \$0.0				\$8.7 \$0.0				
8 Deferred Return Amortization (\$ millions)	Workpaper 10, Ln. 3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Minus Other Credits, Nontariff Rev., and Misc. Rev. (\$ millions)	Workpaper 1, Ln. 33	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Total Cost of Service Before Net Carryover (\$ millions)	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6	\$73.6
11 GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 53									
12 Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 56	-	-	-	-	-	-	-	-	-
13 Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 59	-	-	-	-	-	-	-	-	-
13 Valdez Intrastate Deliveries (Million Barrels) 14 Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 59 Workpaper 1, Ln. 62	-	-	-	-	-	-	-	-	-
15 Total Deliveries (Million Barrels)		-	-	-	-	-	-	-	-	-
15 Total Deliveries (Million Barreis)	Sum Lns. (11 to 14)	-	-	-	-	-	-	-	-	-
16 GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1	469.1
17 Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.0	796.0	796.0	796.0	796.0	796.0	796.0	796.0	796.0
18 Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3	800.3
	······································									
19 GVEA Deliveries (Million Barrel-Miles)	Lns. (11 * 16)	-	-	-	-	-	-	-	-	-
20 Petrostar Deliveries (Million Barrel-Miles)	Lns. (12 * 17)	-	-	-	-	-	-	-	-	-
21 Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (13 * 18)	-	-	-	-	-	-	-	-	-
22 Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (14 * 18)	-	-	-	-	-	-	-	-	-
23 Total Deliveries (Million Barrel-Miles)	Sum Lns. (19 to 22)	-	-	-	-	-	-	-	-	-
24 Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 36	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
25 GVEA Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*19+24/15*11	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
26 Petrostar Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*20+24/15*12	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
27 Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*21+24/15*13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
28 Intrastate Portion of Cost of Service (\$ millions)	Sum Lns. (25 to 27)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
29 Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*22+24/15*14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM	Statement 2A
Total Cost of Service Before Net Carryover - Actual	Page 4 of 4

No.	Description	Source	<u>2043</u>	<u>2044</u>
1	Operating Expense (\$ millions)	Statement 3A, Ln. 42	(\$4.5)	(\$4.5)
2	Depreciation (\$ millions)	Workpaper 4, Ln. 15	\$57.7	\$57.7
3	Equity AFUDC Amortization (\$ millions)	Statement 8, Ln. 4	\$6.6	\$6.6
4	Long Term Debt AFUDC Amortization (\$ millions)	Statement 8, Ln. 8	\$3.3	\$3.3
5	Return on Rate Base (\$ millions)	Statement 4A, Ln. 14	\$0.0	\$0.0
6	Income Tax Allowance (\$ millions)	Statement 5A, Ln. 13	\$1.7	\$1.7
7	Amortization of Allowed SR Project Costs (\$ millions)	Workpaper 9, Ln. 3	\$8.7	\$8.7
8	Deferred Return Amortization (\$ millions)	Workpaper 10, Ln. 3	\$0.0	\$0.0
9	Minus Other Credits, Nontariff Rev., and Misc. Rev. (\$ millions)	Workpaper 1, Ln. 33	\$0.0	\$0.0
10	Total Cost of Service Before Net Carryover (\$ millions)	Sum Lns. (1 to 8) - Ln. 9	\$73.6	\$73.6
11	GVEA Deliveries (Million Barrels)	Workpaper 1, Ln. 53	-	-
12	Petrostar Deliveries (Million Barrels)	Workpaper 1, Ln. 56	-	-
13	Valdez Intrastate Deliveries (Million Barrels)	Workpaper 1, Ln. 59	-	-
14	Valdez Interstate Deliveries (Million Barrels)	Workpaper 1, Ln. 62	-	-
15	Total Deliveries (Million Barrels)	Sum Lns. (11 to 14)	-	-
16	GVEA Distance (Miles)	Workpaper 1, Ln. 75	469.1	469.1
	Petrostar Distance (Miles)	Workpaper 1, Ln. 76	796.0	796.0
18	Valdez Intrastate/Interstate Distance (Miles)	Workpaper 1, Ln. 77	800.3	800.3
19	GVEA Deliveries (Million Barrel-Miles)	Lns. (11 * 16)	-	-
	Petrostar Deliveries (Million Barrel-Miles)	Lns. (12 * 17)	-	-
21	Valdez Intrastate Deliveries (Million Barrel-Miles)	Lns. (13 * 18)	-	-
22	Valdez Interstate Deliveries (Million Barrel-Miles)	Lns. (14 * 18)	-	-
23	Total Deliveries (Million Barrel-Miles)	Sum Lns. (19 to 22)	-	-
24	Non-Distance Related Costs (\$ millions)	Workpaper 1, Ln. 36	\$0.0	\$0.0
25	GVEA Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*19+24/15*11	\$0.0	\$0.0
26	Petrostar Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*20+24/15*12	\$0.0	\$0.0
27	Valdez Intrastate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*21+24/15*13	\$0.0	\$0.0
28	Intrastate Portion of Cost of Service (\$ millions)	Sum Lns. (25 to 27)	\$0.0	\$0.0
29	Valdez Interstate Portion of Cost of Service (\$ millions)	Lns. (10-24)/23*22+24/15*14	\$0.0	\$0.0

Statement 3A

Page 1 of 4

TRANS ALASKA PIPELINE SYSTEM

Operating Expense - Actual

(\$ millions)

Line										
No. Description	Source	2016	2017	2018	2019	2020	2021	2022	2023	2024
1 Alyeska Operating Expenses	Workpaper 1, Ln. 25	\$490.6	\$467.0	\$489.4	\$473.7	\$454.5	\$482.4	\$0.0	\$0.0	\$0.0
2 Carrier Direct Costs Excluding Ad Valorem Tax	Workpaper 1, Ln. 24	\$49.8	\$41.8	\$39.0	\$33.6	\$16.2	\$24.3	\$0.0	\$0.0	\$0.0
3 Ad Valorem Property Tax	Workpaper 1, Ln. 20	\$160.0	\$160.0	\$160.0	\$160.0	\$160.0	\$160.0	\$0.0	\$0.0	\$0.0
4 Income Taxes on Imputed Management Fees	Workpaper 1, Ln. 26	\$2.7	\$2.7	\$1.9	\$1.9	\$1.9	\$1.8	\$0.0	\$0.0	\$0.0
5 PBOP Earnings Credit	Workpaper 8, Ln. 21	\$8.5	\$9.3	\$7.6	\$6.7	\$5.8	\$8.0	\$4.5	\$4.5	\$4.5
6 Operating Expense (Account 610)	Lns. $(1 + 2 + 3 - 4 - 5)$	\$689.1	\$656.8	\$678.9	\$658.7	\$623.0	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)
7 Unusual or Infrequent Items - Credit (Account 645)	Workpaper 1, Ln. 30	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 Unusual or Infrequent Items - Debit (Account 665)	Workpaper 1, Ln. 31	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Extraordinary Items (Account 680)	Workpaper 1, Ln. 32	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Total Infrequent and Extraordinary Items	Sum Lns. (7 thru 9)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11 Amortization Period for Infrequent and	Workpaper 1, Ln. 46	5	5	5	5	5	5	5	5	5
Extraordinary Items										

Amortization of Infrequent and Extraordinary Items by Vintage

_											
12	2016	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
13	2017	Vintage Lns. ((8+9)/11)		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
14	2018	Vintage Lns. ((8+9)/11)			\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	2019	Vintage Lns. ((8+9)/11)				\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16	2020	Vintage Lns. ((8+9)/11)					\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	2021	Vintage Lns. ((8+9)/11)						\$0.0	\$0.0	\$0.0	\$0.0
18	2022	Vintage Lns. ((8+9)/11)							\$0.0	\$0.0	\$0.0
19	2023	Vintage Lns. ((8+9)/11)								\$0.0	\$0.0
20	2024	Vintage Lns. ((8+9)/11)									\$0.0
21	2025	Vintage Lns. ((8+9)/11)									
22	2026	Vintage Lns. ((8+9)/11)									
23	2027	Vintage Lns. ((8+9)/11)									
24	2028	Vintage Lns. ((8+9)/11)									
25	2029	Vintage Lns. ((8+9)/11)									
26	2030	Vintage Lns. ((8+9)/11)									
27	2031	Vintage Lns. ((8+9)/11)									
28	2032	Vintage Lns. ((8+9)/11)									
29	2033	Vintage Lns. ((8+9)/11)									
30	2034	Vintage Lns. ((8+9)/11)									
31	2035	Vintage Lns. ((8+9)/11)									
32	2036	Vintage Lns. ((8+9)/11)									
33	2037	Vintage Lns. ((8+9)/11)									
34	2038	Vintage Lns. ((8+9)/11)									
35	2039	Vintage Lns. ((8+9)/11)									
36	2040	Vintage Lns. ((8+9)/11)									
37	2041	Vintage Lns. ((8+9)/11)									
38	2042	Vintage Lns. ((8+9)/11)									
39	2043	Vintage Lns. ((8+9)/11)									
40	2044	Vintage Lns. ((8+9)/11)									
41 1	Fotal Amort. of Infrequent and Extraordinary Items	Sum Lns. (12 to 40)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
42 0	Operating Expense	Lns. (6 + 41)	\$689.1	\$656.8	\$678.9	\$658.7	\$623.0	\$656.8	(\$4.5)	(\$4.5)	(\$4.5)

Operating Expense - Actual

(\$ millions)

Line

<u>No</u>	e <u>Description</u>	Source	2025	<u>2026</u>	2027	<u>2028</u>	<u>2029</u>	2030	<u>2031</u>	2032	<u>2033</u>
1 2 3 4 5 6	Ad Valorem Property Tax Income Taxes on Imputed Management Fees PBOP Earnings Credit	Workpaper 1, Ln. 25 Workpaper 1, Ln. 24 Workpaper 1, Ln. 20 Workpaper 1, Ln. 26 Workpaper 8, Ln. 21 Lns. (1 + 2 + 3 - 4 - 5)	\$0.0 \$0.0 \$0.0 \$0.0 \$4.5 (\$4.5)								
	Unusual or Infrequent Items - Debit (Account 665) Extraordinary Items (Account 680) Total Infrequent and Extraordinary Items Amortization Period for Infrequent and Extraordinary Items	Workpaper 1, Ln. 30 Workpaper 1, Ln. 31 Workpaper 1, Ln. 32 Sum Lns. (7 thru 9) Workpaper 1, Ln. 46	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 5	\$0.0 \$0.0 \$0.0 \$0.0 5
	Amortization of Infrequent and Extraordinary Items b	by Vintage									
12 13 14	2017	Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11)	\$0.0 \$0.0 \$0.0								
15		Vintage Lns. ((8+9)/11)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16	2020	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17		Vintage Lns. ((8+9)/11)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18		Vintage Lns. ((8+9)/11)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
19		Vintage Lns. $((8+9)/11)$	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 21		Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11)	\$0.0 \$0.0								
21		Vintage Lns. $((8+9)/11)$ Vintage Lns. $((8+9)/11)$	\$0.0	\$0.0 \$0.0							
23		Vintage Lns. $((8+9)/11)$ Vintage Lns. $((8+9)/11)$		\$0.0	\$0.0 \$0.0	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0
24		Vintage Lns. ((8+9)/11)			<i>Q</i> 010	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
25		Vintage Lns. ((8+9)/11)					\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
26	2030	Vintage Lns. ((8+9)/11)						\$0.0	\$0.0	\$0.0	\$0.0
27	2031	Vintage Lns. ((8+9)/11)							\$0.0	\$0.0	\$0.0
28		Vintage Lns. ((8+9)/11)								\$0.0	\$0.0
29		Vintage Lns. ((8+9)/11)									\$0.0
30		Vintage Lns. ((8+9)/11)									
31		Vintage Lns. ((8+9)/11)									
32 33		Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11)									
34		Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11)									
35		Vintage Lns. $((8+9)/11)$ Vintage Lns. $((8+9)/11)$									
36		Vintage Lns. ((8+9)/11) Vintage Lns. ((8+9)/11)									
37		Vintage Lns. ((8+9)/11)									
38		Vintage Lns. ((8+9)/11)									
39	2043	Vintage Lns. ((8+9)/11)									
40	2044	Vintage Lns. ((8+9)/11)									
41	Total Amort. of Infrequent and Extraordinary Items	Sum Lns. (12 to 40)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Lns. (6 + 41)

(\$4.5)

(\$4.5)

(\$4.5)

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(\$4.5)

(\$4.5)

(\$4.5)

(\$4.5)

(\$4.5)

Statement 3A Page 2 of 4

Operating Expense - Actual

42 Operating Expense

(\$ millions)

Line

2034 2035 2036 2037 2038 2039 2040 2041 2042 No. Description Source 1 Alyeska Operating Expenses Workpaper 1, Ln. 25 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 2 Carrier Direct Costs Excluding Ad Valorem Tax Workpaper 1, Ln. 24 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 3 Ad Valorem Property Tax Workpaper 1, Ln. 20 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Income Taxes on Imputed Management Fees Workpaper 1, Ln. 26 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 4 5 PBOP Earnings Credit Workpaper 8, Ln. 21 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 \$4.5 Operating Expense (Account 610) Lns. (1 + 2 + 3 - 4 - 5)(\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) (\$4.5) 6 7 Unusual or Infrequent Items - Credit (Account 645) Workpaper 1, Ln. 30 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Unusual or Infrequent Items - Debit (Account 665) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 8 Workpaper 1, Ln. 31 9 Extraordinary Items (Account 680) Workpaper 1, Ln. 32 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 10 Total Infrequent and Extraordinary Items Sum Lns. (7 thru 9) 11 Amortization Period for Infrequent and Workpaper 1, Ln. 46 5 5 5 5 5 5 5 4 3 Extraordinary Items Amortization of Infrequent and Extraordinary Items by Vintage 12 2016 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 13 2017 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 14 2018 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 15 2019 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 16 2020 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 17 2021 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 18 2022 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 19 2023 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) 20 2024 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 21 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 2025 \$0.0 22 2026 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 23 \$0.0 \$0.0 2027 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 24 2028 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 25 2029 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 26 2030 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 27 2031 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 28 2032 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 29 2033 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 30 2034 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) 31 2035 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 32 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 2036 Vintage Lns. ((8+9)/11) \$0.0 33 2037 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 34 2038 Vintage Lns. ((8+9)/11) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 35 2039 \$0.0 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) 36 2040 \$0.0 \$0.0 \$0.0 Vintage Lns. ((8+9)/11) 37 \$0.0 2041 Vintage Lns. ((8+9)/11) \$0.0 38 2042 Vintage Lns. ((8+9)/11) \$0.0 39 2043 Vintage Lns. ((8+9)/11) 40 2044 Vintage Lns. ((8+9)/11) 41 Total Amort. of Infrequent and Extraordinary Items Sum Lns. (12 to 40) \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0

Lns. (6 + 41)

(\$4.5)

(\$4.5)

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(\$4.5)

(\$4.5)

(\$4.5)

(\$4.5)

Statement 3A Page 3 of 4

Op	ANS ALASKA PIPELINE SYSTEM erating Expense - Actual nillions)			tement 3A Page 4 of 4
Lin	2			
No	Description	Source	2043	2044
1	Alyeska Operating Expenses	Workpaper 1, Ln. 25	\$0.0	\$0.0
2	Carrier Direct Costs Excluding Ad Valorem Tax	Workpaper 1, Ln. 24	\$0.0	\$0.0
3	Ad Valorem Property Tax	Workpaper 1, Ln. 20	\$0.0	\$0.0
4	Income Taxes on Imputed Management Fees	Workpaper 1, Ln. 26	\$0.0	\$0.0
5	PBOP Earnings Credit	Workpaper 8, Ln. 21	\$4.5	\$4.5
6	Operating Expense (Account 610)	Lns. $(1 + 2 + 3 - 4 - 5)$	(\$4.5)	(\$4.5)
7	Unusual or Infrequent Items - Credit (Account 645)	Workpaper 1, Ln. 30	\$0.0	\$0.0
8	Unusual or Infrequent Items - Debit (Account 665)	Workpaper 1, Ln. 31	\$0.0	\$0.0
9	Extraordinary Items (Account 680)	Workpaper 1, Ln. 32	\$0.0	\$0.0
10	Total Infrequent and Extraordinary Items	Sum Lns. (7 thru 9)	\$0.0	\$0.0
11	Amortization Period for Infrequent and	Workpaper 1, Ln. 46	2	1
	Extraordinary Items			

Amortization of Infrequent and Extraordinary Items by Vintage

12	2016	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
13	2017	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
14	2018	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
15	2019	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
16	2020	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
17	2021	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
18	2022	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
19	2023	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
20	2024	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
21	2025	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
22	2026	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
23	2027	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
24	2028	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
25	2029	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
26	2030	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
27	2031	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
28	2032	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
29	2033	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
30	2034	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
31	2035	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
32	2036	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
33	2037	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
34	2038	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
35	2039	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
36	2040	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
37	2041	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
38	2042	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
39	2043	Vintage Lns. ((8+9)/11)	\$0.0	\$0.0
40	2044	Vintage Lns. ((8+9)/11)		\$0.0
41	Total Amort. of Infrequent and Extraordinary Items	Sum Lns. (12 to 40)	\$0.0	\$0.0
42	Operating Expense	Lns. (6 + 41)	(\$4.5)	(\$4.5)

Statement 4A

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TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Actual (\$ millions)

Line		G	2016	2017	2018	2010	2020	2021	2022	2022
NO.	Description	Source	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
1	Average Rate Base Excluding Net Deferred Return	Statement 6, Avg. Ln. 7	\$1,101.3	\$1,202.0	\$1,286.0	\$1,365.4	\$1,399.7	\$1,400.0	\$1,316.3	\$1,201.9
2	Average Net Deferred Return	Statement 6, Avg. Ln. 8	\$162.6	\$140.9	\$119.2	\$97.5	\$75.9	\$54.2	\$32.5	\$10.8
3	Average Rate Base Including Net Deferred Return	Lns. (1 + 2)	\$1,263.9	\$1,342.9	\$1,405.2	\$1,462.9	\$1,475.6	\$1,454.2	\$1,348.8	\$1,212.8
4	Long-Term Debt Ratio	1.0 - Ln. 5	53.34%	52.07%	52.07%	52.07%	52.07%	52.07%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	46.66%	47.93%	47.93%	47.93%	47.93%	47.93%	0.00%	0.00%
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$587.4	\$625.9	\$669.6	\$710.9	\$728.8	\$729.0	\$1,316.3	\$1,201.9
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$676.4	\$717.0	\$735.6	\$752.0	\$746.8	\$725.2	\$32.5	\$10.8
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	46.48%	46.61%	47.65%	48.60%	49.39%	50.13%	97.59%	99.11%
9	Adjusted Equity Ratio	Lns. (7 / 3)	53.52%	53.39%	52.35%	51.40%	50.61%	49.87%	2.41%	0.89%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	4.83%	5.21%	5.21%	5.21%	5.21%	5.21%	0.00%	0.00%
11	Rate of Return on Equity	Workpaper 1, Ln. 2	11.05%	10.86%	10.86%	10.86%	10.86%	10.86%	0.00%	0.00%
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	8.16%	8.23%	8.17%	8.11%	8.07%	8.03%	0.00%	0.00%
13	Average Rate Base	Ln. 3	\$1,263.9	\$1,342.9	\$1,405.2	\$1,462.9	\$1,475.6	\$1,454.2	\$1,348.8	\$1,212.8
14	Overall Return on Rate Base	Lns. (12 * 13)	\$103.1	\$110.5	\$114.8	\$118.7	\$119.1	\$116.7	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	2.24%	2.43%	2.48%	2.53%	2.57%	2.61%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$28.4	\$32.6	\$34.9	\$37.0	\$38.0	\$38.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$74.7	\$77.9	\$79.9	\$81.7	\$81.1	\$78.8	\$0.0	\$0.0

Statement 4A

TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Actual (\$ millions)

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Line	2									
No.	Description	Source	2024	2025	2026	2027	2028	2029	2030	2031
1	Average Rate Base Excluding Net Deferred Return	Statement 6, Avg. Ln. 7	\$1,127.0	\$1.054.2	\$983.2	\$914.1	\$847.2	\$782.2	\$719.2	\$658.8
2	Average Net Deferred Return	Statement 6, Avg. Ln. 8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	Average Rate Base Including Net Deferred Return	Lns. $(1 + 2)$	\$1,127.0	\$1,054.2	\$983.2	\$914.1	\$847.2	\$782.2	\$719.2	\$658.8
4	Long-Term Debt Ratio	1.0 - Ln. 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	6	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$1,127.0	\$1,054.2	\$983.2	\$914.1	\$847.2	\$782.2	\$719.2	\$658.8
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Average Rate Base	Ln. 3	\$1,127.0	\$1,054.2	\$983.2	\$914.1	\$847.2	\$782.2	\$719.2	\$658.8
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Statement 4A

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TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Actual (\$ millions)

Lin	e									
No	<u>Description</u>	Source	2032	2033	<u>2034</u>	2035	2036	2037	2038	<u>2039</u>
1	Average Rate Base Excluding Net Deferred Return	Statement 6, Avg. Ln. 7	\$600.8	\$545.0	\$491.3	\$439.3	\$388.6	\$338.6	\$288.9	\$239.3
2	Average Net Deferred Return	Statement 6, Avg. Ln. 8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	0	Lns. $(1 + 2)$	\$600.8	\$545.0	\$491.3	\$439.3	\$388.6	\$338.6	\$288.9	\$239.3
	6									
4	Long-Term Debt Ratio	1.0 - Ln. 5	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
		Y (1 & 4)	¢.coo.o	\$545.0	¢ 401 2	¢ 120.2	\$200 c	\$220 c	¢200.0	\$220 Q
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$600.8	\$545.0	\$491.3	\$439.3	\$388.6	\$338.6	\$288.9	\$239.3
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. $(1 + 2 - 6)$	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11	Weighted Cost of Capital	Lns. $((8*10) + (9*11))$	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12	weighted Cost of Capital	Lns. $((8^{+10}) + (9^{+11}))$	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Average Rate Base	Ln. 3	\$600.8	\$545.0	\$491.3	\$439.3	\$388.6	\$338.6	\$288.9	\$239.3
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
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10	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM Return on Rate Base - Actual (\$ millions)

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Line							
<u>No.</u>	Description	Source	2040	<u>2041</u>	2042	2043	2044
1	Average Rate Base Excluding Net Deferred Return	Statement 6, Avg. Ln. 7	\$189.6	\$140.0	\$90.4	\$40.7	(\$8.9)
2	Average Net Deferred Return	Statement 6, Avg. Ln. 8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	Average Rate Base Including Net Deferred Return	Lns. $(1 + 2)$	\$189.6	\$140.0	\$90.4	\$40.7	(\$8.9)
4	Long-Term Debt Ratio	1.0 - Ln. 5	100.00%	100.00%	100.00%	100.00%	100.00%
5	Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%
6	Long-Term Debt Portion of Rate Base	Lns. (1 * 4)	\$189.6	\$140.0	\$90.4	\$40.7	(\$8.9)
7	Equity Portion of Rate Base (Includes Net Def. Return)	Lns. (1 + 2 - 6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Adjusted Long-Term Debt Ratio	Lns. (6 / 3)	100.00%	100.00%	100.00%	100.00%	100.00%
9	Adjusted Equity Ratio	Lns. (7 / 3)	0.00%	0.00%	0.00%	0.00%	0.00%
10	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%
11	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%
12	Weighted Cost of Capital	Lns. ((8*10) + (9*11))	0.00%	0.00%	0.00%	0.00%	0.00%
13	Average Rate Base	Ln. 3	\$189.6	\$140.0	\$90.4	\$40.7	(\$8.9)
14	Overall Return on Rate Base	Lns. (12 * 13)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	Weighted Rate of Return on Long-Term Debt	Lns. (8 * 10)	0.00%	0.00%	0.00%	0.00%	0.00%
16	Interest Expense	Lns. (13 * 15)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17	Return on Equity	Lns. (14 - 16)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

TRANS ALASKA PIPELINE SYSTEM Income Tax Allowance - Actual (\$ millions)

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Line											
No.	Description	Source	<u>2016</u>	2017	2018	2019	2020	2021	2022	2023	2024
1	Equity Portion of Return on Rate Base	Statement 4A, Ln. 17	\$74.7	\$77.9	\$79.9	\$81.7	\$81.1	\$78.8	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 4	\$4.3	\$4.9	\$5.5	\$6.0	\$6.3	\$6.5	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 3	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 17	\$0.2	\$0.2	\$0.4	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
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5	Federal Income Tax Base	Lns. $(1 + 2 + 3 - 4)$	\$100.5	\$104.3	\$106.6	\$108.7	\$108.5	\$106.3	\$27.6	\$27.6	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	35.00%	35.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	53.85%	53.85%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$54.0	\$56.0	\$27.9	\$28.2	\$28.2	\$27.6	\$6.7	\$6.7	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$154.6	\$160.5	\$135.0	\$137.6	\$137.3	\$134.6	\$35.0	\$35.0	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. $(10 / (1.0 - 10))$	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$16.0	\$16.6	\$14.0	\$14.3	\$14.2	\$14.0	\$3.6	\$3.6	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$70.0	\$72.6	\$41.9	\$42.5	\$42.4	\$41.6	\$10.3	\$10.3	\$1.7

TRANS ALASKA PIPELINE SYSTEM Income Tax Allowance - Actual (\$ millions)

Line											
No.	Description	Source	2025	2026	2027	2028	2029	2030	2031	2032	2033
1	Equity Portion of Return on Rate Base	Statement 4A, Ln. 17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 4	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 17	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. $(1 + 2 + 3 - 4)$	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9
9	State Income Ten Dece	$I_{max}(1+2+2+8)$	\$7 E	¢7 5	\$7 E						
	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. (10 / (1.0 - 10))	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7

Statement 5A Page 2 of 4

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TRANS ALASKA PIPELINE SYSTEM Income Tax Allowance - Actual (\$ millions)

Line											
No.	Description	Source	2034	2035	2036	2037	2038	2039	2040	2041	2042
1	Equity Portion of Return on Rate Base	Statement 4A, Ln. 17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 4	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 17	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. $(1 + 2 + 3 - 4)$	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
11	State Income Tax Factor	Lns. $(10 / (1.0 - 10))$	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7	\$1.7

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Line				
<u>No.</u>	Description	Source	<u>2043</u>	<u>2044</u>
1	Equity Portion of Return on Rate Base	Statement 4A, Ln. 17	\$0.0	\$0.0
2	Equity AFUDC Amortization	Statement 8, Ln. 4	\$6.6	\$6.6
3	Deferred Return Amortization	Workpaper 10, Ln. 3	\$0.0	\$0.0
4	Amortization of Excess Tax Reserve	Workpaper 5, Ln. 17	\$0.7	\$0.7
5	Federal Income Tax Base	Lns. (1 + 2 + 3 - 4)	\$6.0	\$6.0
6	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%
7	Federal Income Tax Factor	Lns. (6 / (1.0 - 6))	26.58%	26.58%
8	Federal Income Tax Allowance	Lns. (5 * 7 - 4)	\$0.9	\$0.9
9	State Income Tax Base	Lns. $(1 + 2 + 3 + 8)$	\$7.5	\$7.5
10	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%
11	State Income Tax Factor	Lns. (10 / (1.0 - 10))	10.38%	10.38%
12	State Income Tax Allowance	Lns. (9 * 11)	\$0.8	\$0.8
13	Income Tax Allowance	Lns. (8 + 12)	\$1.7	\$1.7

TRANS ALASKA PIPELINE SYSTEM Rate Base

(\$ millions)

Line											
No. Description	Source	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
1 Carrier Property in Service	Workpaper 4, Ln. 5	\$9,035.0	\$9,112.5	\$9,154.3	\$9,271.3	\$9,344.5	\$9,385.6	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Accumulated Depreciation	Workpaper 4, Ln. 18	\$8,082.1	\$8,025.6	\$8,000.7	\$8,011.8	\$8,024.4	\$8,038.1	\$8,065.4	\$8,123.1	\$8,180.8	\$8,238.6
3 Net Carrier Property in Service	Lns. (1 - 2)	\$953.0	\$1,086.9	\$1,153.6	\$1,259.5	\$1,320.1	\$1,347.5	\$1,345.5	\$1,287.8	\$1,230.1	\$1,172.4
4 Net AFUDC	Statement 8, Ln. 10	\$172.4	\$201.5	\$210.9	\$228.7	\$234.0	\$233.3	\$228.7	\$218.7	\$208.8	\$198.9
5 Working Capital	Workpaper 1, Ln. 19 1/	\$65.6	\$62.2	\$70.5	\$66.4	\$68.3	\$70.2	\$74.6	\$0.0	\$0.0	\$0.0
6 Accumulated Deferred Income Taxes	Workpaper 5, Ln. 20	\$158.9	\$180.1	\$201.6	\$216.1	\$230.3	\$243.8	\$256.0	\$266.6	\$275.0	\$281.1
7 Rate Base Excluding Deferred Return	Lns. (3 + 4 + 5 - 6)	\$1,032.1	\$1,170.5	\$1,233.4	\$1,338.5	\$1,392.2	\$1,407.3	\$1,392.7	\$1,239.9	\$1,163.9	\$1,090.2
8 Net Deferred Return	Workpaper 10, Ln. 4	\$173.4	\$151.7	\$130.1	\$108.4	\$86.7	\$65.0	\$43.4	\$21.7	\$0.0	\$0.0
9 Rate Base Including Deferred Return	Lns. (7 + 8)	\$1,205.5	\$1,322.2	\$1,363.5	\$1,446.9	\$1,478.9	\$1,472.3	\$1,436.1	\$1,261.6	\$1,163.9	\$1,090.2
10 Average Rate Base	(Ln. 9 + Prior Ln. 9) / 2.0		\$1,263.9	\$1,342.9	\$1,405.2	\$1,462.9	\$1,475.6	\$1,454.2	\$1,348.8	\$1,212.8	\$1,127.0

1/ 2015 amount based on Workpaper 2, Ln. 45

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TRANS ALASKA PIPELINE SYSTEM Rate Base

(\$ millions)

Line <u>No.</u> <u>Description</u>	Source	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	2031	<u>2032</u>	<u>2033</u>	<u>2034</u>
1 Carrier Property in Service	Workpaper 4, Ln. 5	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Accumulated Depreciation	Workpaper 4, Ln. 18	\$8,296.3	\$8,354.0	\$8,411.7	\$8,469.4	\$8,527.1	\$8,584.8	\$8,642.5	\$8,700.2	\$8,757.9	\$8,815.6
3 Net Carrier Property in Service	Lns. (1 - 2)	\$1,114.7	\$1,057.0	\$999.3	\$941.6	\$883.9	\$826.2	\$768.4	\$710.7	\$653.0	\$595.3
4 Net AFUDC	Statement 8, Ln. 10	\$188.9	\$179.0	\$169.0	\$159.1	\$149.1	\$139.2	\$129.3	\$119.3	\$109.4	\$99.4
5 Working Capital	Workpaper 1, Ln. 19 1/	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 Accumulated Deferred Income Taxes	Workpaper 5, Ln. 20	\$285.3	\$287.8	\$288.2	\$286.4	\$282.9	\$277.1	\$268.5	\$257.6	\$244.7	\$229.8
7 Rate Base Excluding Deferred Return	Lns. (3 + 4 + 5 - 6)	\$1,018.3	\$948.2	\$880.1	\$814.2	\$750.1	\$688.3	\$629.2	\$572.4	\$517.7	\$464.9
8 Net Deferred Return	Workpaper 10, Ln. 4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Rate Base Including Deferred Return	Lns. (7 + 8)	\$1,018.3	\$948.2	\$880.1	\$814.2	\$750.1	\$688.3	\$629.2	\$572.4	\$517.7	\$464.9
10 Average Rate Base	(Ln. 9 + Prior Ln. 9) / 2.0	\$1,054.2	\$983.2	\$914.1	\$847.2	\$782.2	\$719.2	\$658.8	\$600.8	\$545.0	\$491.3

1/ 2015 amount based on Workpaper 2, Ln. 45

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TRANS ALASKA PIPELINE SYSTEM Rate Base

(\$ millions)

Line No. Description	Source	2035	2036	2037	2038	2039	2040	2041	2042	<u>2043</u>	2044
1 Carrier Property in Service	Workpaper 4, Ln. 5	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Accumulated Depreciation	Workpaper 4, Ln. 18	\$8,873.3	\$8,931.0	\$8,988.8	\$9,046.5	\$9,104.2	\$9,161.9	\$9,219.6	\$9,277.3	\$9,335.0	\$9,392.7
3 Net Carrier Property in Service	Lns. (1 - 2)	\$537.6	\$479.9	\$422.2	\$364.5	\$306.8	\$249.1	\$191.4	\$133.7	\$76.0	\$18.2
4 Net AFUDC	Statement 8, Ln. 10	\$89.5	\$79.5	\$69.6	\$59.7	\$49.7	\$39.8	\$29.8	\$19.9	\$9.9	\$0.0
5 Working Capital	Workpaper 1, Ln. 19 1/	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 Accumulated Deferred Income Taxes	Workpaper 5, Ln. 20	\$213.4	\$195.9	\$178.0	\$160.0	\$142.0	\$124.0	\$106.0	\$88.0	\$70.0	\$52.0
7 Rate Base Excluding Deferred Return	Lns. (3 + 4 + 5 - 6)	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8	\$115.2	\$65.5	\$15.9	(\$33.8)
8 Net Deferred Return	Workpaper 10, Ln. 4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Rate Base Including Deferred Return	Lns. (7 + 8)	\$413.7	\$363.5	\$313.8	\$264.1	\$214.5	\$164.8	\$115.2	\$65.5	\$15.9	(\$33.8)
10 Average Rate Base	(Ln. 9 + Prior Ln. 9) / 2.0	\$439.3	\$388.6	\$338.6	\$288.9	\$239.3	\$189.6	\$140.0	\$90.4	\$40.7	(\$8.9)

1/ 2015 amount based on Workpaper 2, Ln. 45

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TRANS ALASKA PIPELINE SYSTEM AFUDC (\$ millions)

Line No. Description	Source	2015	2016	2017	2018	2019	2020	2021	2022	2023
No. Description	Source	2013	2010	2017	2018	2019	2020	2021	2022	<u>2023</u>
1 Equity Ratio	Workpaper 1, Ln. 1		46.66%	47.93%	47.93%	47.93%	47.93%	47.93%	0.00%	0.00%
2 Long-Term Debt Ratio	1.0 - Ln. 1		53.34%	52.07%	52.07%	52.07%	52.07%	52.07%	100.00%	100.00%
3 Rate of Return on Equity	Workpaper 1, Ln. 2		11.05%	10.86%	10.86%	10.86%	10.86%	10.86%	0.00%	0.00%
4 Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3		4.83%	5.21%	5.21%	5.21%	5.21%	5.21%	0.00%	0.00%
5 CWIP Additions	Workpaper 1, Ln.8		\$136.2	\$143.8	\$63.5	\$87.4	\$62.5	\$50.0	\$0.0	\$0.0
6 CWIP Retirements	Workpaper 1, Ln.9		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
7 CWIP Adjustments and Transfers	Workpaper 1, Ln.10		(\$166.3)	(\$105.8)	(\$151.2)	(\$110.4)	(\$81.3)	(\$54.1)	\$0.0	\$0.0
8 CWIP Balance	Lns. (5+6+7+Prior 8) 1/	\$169.9	\$139.8	\$177.7	\$90.1	\$67.1	\$48.3	\$44.2	\$44.2	\$44.2
9 Average CWIP	Average Ln. 8		\$154.8	\$158.8	\$133.9	\$78.6	\$57.7	\$46.2	\$44.2	\$44.2
10 Additions to Carrier Property in Service	Workpaper 4, Ln. 2		\$166.3	\$105.8	\$151.2	\$110.4	\$81.3	\$54.1	\$0.0	\$0.0
11 In Service Ratio	Lns. (10 / (5 + Prior 8))		54.32%	37.33%	62.67%	62.20%	62.73%	55.03%	0.00%	0.00%
12 Additions to Equity AFUDC Base	Lns. ((1 * 9 + Prior 14) * 3)		\$11.7	\$10.5	\$9.1	\$5.3	\$3.7	\$2.8	\$0.0	\$0.0
13 Equity AFUDC Additions to Rate Base	Lns. (11 * (12 + Prior 14))		\$24.8	\$11.7	\$18.0	\$10.0	\$6.1	\$3.5	\$0.0	\$0.0
14 Equity AFUDC Base	Lns. (Prior 14 + 12 - 13) 2/	\$34.0	\$20.9	\$19.7	\$10.7	\$6.0	\$3.6	\$2.9	\$2.9	\$2.9
15 Additions to Long Term Debt AFUDC Base	Lns. ((2 * 9 + Prior 17) * 4)		\$4.7	\$4.8	\$4.1	\$2.4	\$1.7	\$1.3	\$0.0	\$0.0
16 Long Term Debt AFUDC Additions to Rate Base	Lns. (11 * (15 + Prior 17))		\$10.9	\$5.2	\$8.0	\$4.5	\$2.8	\$1.6	\$0.0	\$0.0
17 Long Term Debt AFUDC Base	Lns. (Prior 17 + 15 - 16) 3/	\$15.3	\$9.1	\$8.7	\$4.8	\$2.7	\$1.6	\$1.3	\$1.3	\$1.3

1/ 2015 amount based on Workpaper 2, Ln. 1

2/ 2015 amount based on Workpaper 2, Ln. 5

3/ 2015 amount based on Workpaper 2, Ln. 6

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TRANS ALASKA PIPELINE SYSTEM AFUDC (\$ millions)

Line										
No. Description	Source	2024	2025	2026	2027	2028	2029	2030	2031	2032
1 Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Long-Term Debt Ratio	1.0 - Ln. 1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3 Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5 CWIP Additions	Workpaper 1, Ln.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 CWIP Retirements	Workpaper 1, Ln.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
7 CWIP Adjustments and Transfers	Workpaper 1, Ln.10	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 CWIP Balance	Lns. (5+6+7+Prior 8) 1/	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2
9 Average CWIP	Average Ln. 8	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2
10 Additions to Carrier Property in Service	Workpaper 4, Ln. 2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11 In Service Ratio	Lns. (10 / (5 + Prior 8))	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12 Additions to Equity AFUDC Base	Lns. ((1 * 9 + Prior 14) * 3)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
13 Equity AFUDC Additions to Rate Base	Lns. (11 * (12 + Prior 14))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
14 Equity AFUDC Base	Lns. (Prior 14 + 12 - 13) 2/	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9
15 Additions to Long Term Debt AFUDC Base	Lns. ((2 * 9 + Prior 17) * 4)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 Long Term Debt AFUDC Additions to Rate Base	Lns. (11 * (15 + Prior 17))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Long Term Debt AFUDC Base	Lns. (Prior 17 + 15 - 16) 3/	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3

1/ 2015 amount based on Workpaper 2, Ln. 1

2/ 2015 amount based on Workpaper 2, Ln. 5
3/ 2015 amount based on Workpaper 2, Ln. 6

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TRANS ALASKA PIPELINE SYSTEM AFUDC (\$ millions)

Line										
No. Description	Source	2033	2034	2035	2036	2037	2038	2039	<u>2040</u>	2041
		0.000/	0.0004	0.000/	0.000/	0.000/	0.0004	0.000/	0.000	0.000
1 Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2 Long-Term Debt Ratio	1.0 - Ln. 1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
3 Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4 Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5 CWIP Additions	Workpaper 1, Ln.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6 CWIP Retirements	Workpaper 1, Ln.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
7 CWIP Adjustments and Transfers	Workpaper 1, Ln.10	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 CWIP Balance	Lns. (5+6+7+Prior 8) 1/	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2
9 Average CWIP	Average Ln. 8	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2	\$44.2
10 Additions to Carrier Property in Service	Workpaper 4, Ln. 2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11 In Service Ratio	Lns. (10 / (5 + Prior 8))	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
12 Additions to Equity AFUDC Base	Lns. ((1 * 9 + Prior 14) * 3)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
13 Equity AFUDC Additions to Rate Base	Lns. (11 * (12 + Prior 14))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
14 Equity AFUDC Base	Lns. (Prior 14 + 12 - 13) 2/	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9	\$2.9
15 Additions to Long Term Debt AFUDC Base	Lns. ((2 * 9 + Prior 17) * 4)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 Long Term Debt AFUDC Additions to Rate Base	Lns. (11 * (15 + Prior 17))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Long Term Debt AFUDC Base	Lns. (Prior 17 + 15 - 16) 3/	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3	\$1.3

1/ 2015 amount based on Workpaper 2, Ln. 1

2/ 2015 amount based on Workpaper 2, Ln. 5
3/ 2015 amount based on Workpaper 2, Ln. 6

TRANS ALASKA PIPELINE SYSTEM AFUDC (\$ millions)

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Lin	e				
No.	Description	Source	2042	2043	2044
1	Equity Ratio	Workpaper 1, Ln. 1	0.00%	0.00%	0.00%
2	Long-Term Debt Ratio	1.0 - Ln. 1	100.00%	100.00%	100.00%
3	Rate of Return on Equity	Workpaper 1, Ln. 2	0.00%	0.00%	0.00%
4	Rate of Return on Long-Term Debt	Workpaper 1, Ln. 3	0.00%	0.00%	0.00%
5	CWIP Additions	Workpaper 1, Ln.8	\$0.0	\$0.0	\$0.0
6	CWIP Retirements	Workpaper 1, Ln.9	\$0.0	\$0.0	\$0.0
7	CWIP Adjustments and Transfers	Workpaper 1, Ln.10	\$0.0	\$0.0	\$0.0
8	CWIP Balance	Lns. (5+6+7+Prior 8) 1/	\$44.2	\$44.2	\$44.2
9	Average CWIP	Average Ln. 8	\$44.2	\$44.2	\$44.2
10	Additions to Carrier Property in Service	Workpaper 4, Ln. 2	\$0.0	\$0.0	\$0.0
11	In Service Ratio	Lns. (10 / (5 + Prior 8))	0.00%	0.00%	0.00%
12	Additions to Equity AFUDC Base	Lns. ((1 * 9 + Prior 14) * 3)	\$0.0	\$0.0	\$0.0
13	Equity AFUDC Additions to Rate Base	Lns. (11 * (12 + Prior 14))	\$0.0	\$0.0	\$0.0
14	Equity AFUDC Base	Lns. (Prior 14 + 12 - 13) 2/	\$2.9	\$2.9	\$2.9
15	Additions to Long Term Debt AFUDC Base	Lns. ((2 * 9 + Prior 17) * 4)	\$0.0	\$0.0	\$0.0
16	Long Term Debt AFUDC Additions to Rate Base	Lns. (11 * (15 + Prior 17))	\$0.0	\$0.0	\$0.0
17	Long Term Debt AFUDC Base	Lns. (Prior 17 + 15 - 16) 3/	\$1.3	\$1.3	\$1.3

1/ 2015 amount based on Workpaper 2, Ln. 1

2/ 2015 amount based on Workpaper 2, Ln. 5

3/ 2015 amount based on Workpaper 2, Ln. 6

TRANS ALASKA PIPELINE SYSTEM AFUDC Amortization (\$ millions)

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Line <u>No.</u> Description	Source	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	2019	<u>2020</u>	<u>2021</u>	<u>2022</u>	2023
1 Depreciation Factor	Workpaper 3, Ln. 2		3.4483%	3.5714%	3.7037%	3.8462%	4.0000%	4.1667%	4.3478%	4.5455%
2 Equity AFUDC Additions to Rate Base	Statement 7, Ln. 13		\$24.8	\$11.7	\$18.0	\$10.0	\$6.1	\$3.5	\$0.0	\$0.0
3 Equity AFUDC Amortization Base	Lns. (Prior 5 + 2 /2.0)		\$123.8	\$137.8	\$147.7	\$156.3	\$158.3	\$156.8	\$152.0	\$145.4
4 Equity AFUDC Amortization	Lns. (1 * 3)		\$4.3	\$4.9	\$5.5	\$6.0	\$6.3	\$6.5	\$6.6	\$6.6
5 Equity AFUDC Balance	Lns. (2 - 4 + Prior 5) 1/	\$111.4	\$131.9	\$138.7	\$151.3	\$155.2	\$155.0	\$152.0	\$145.4	\$138.8
6 Long Term Debt AFUDC Additions to Rate Base	Statement 7, Ln. 16		\$10.9	\$5.2	\$8.0	\$4.5	\$2.8	\$1.6	\$0.0	\$0.0
7 Long Term Debt AFUDC Amortization Base	Lns. (Prior 9 + 6 /2.0)		\$66.5	\$72.2	\$76.2	\$79.6	\$80.2	\$79.2	\$76.7	\$73.4
8 Long Term Debt AFUDC Amortization	Lns. (1 * 7)		\$2.3	\$2.6	\$2.8	\$3.1	\$3.2	\$3.3	\$3.3	\$3.3
9 Long Term Debt AFUDC Balance	Lns. (6 - 8 + Prior 9) 2/	\$61.0	\$69.6	\$72.2	\$77.4	\$78.8	\$78.4	\$76.7	\$73.4	\$70.0
10 Net AFUDC Balance	Lns. (5 + 9)	\$172.4	\$201.5	\$210.9	\$228.7	\$234.0	\$233.3	\$228.7	\$218.7	\$208.8
								2021 -	2022 -	2023 -
For Forward-Looking Maximum Allowable Interstat	e Rates							<u>2021 -</u> <u>2022</u>	<u>2022 -</u> <u>2023</u>	<u>2023 -</u> <u>2024</u>
11 Equity AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 5) 3/							\$6.5	\$6.6	\$6.6
12 LT Debt AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 9) 4/							\$3.3	\$3.3	\$3.3

1/ 2015 amount based on Workpaper 2, Ln. 7

2/ 2015 amount based on Workpaper 2, Ln. 8

3/ Section II-9.

4/ Section II-8.

TRANS ALASKA PIPELINE SYSTEM AFUDC Amortization (\$ millions)

Line

Line										
No. Description	Source	2024	2025	2026	2027	2028	2029	<u>2030</u>	<u>2031</u>	<u>2032</u>
1 Depreciation Factor	Workpaper 3, Ln. 2	4.7619%	5.0000%	5.2632%	5.5556%	5.8824%	6.2500%	6.6667%	7.1429%	7.6923%
2 Equity AFUDC Additions to Rate Base	Statement 7, Ln. 13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3 Equity AFUDC Amortization Base	Lns. (Prior 5 + 2 /2.0)	\$138.8	\$132.2	\$125.6	\$118.9	\$112.3	\$105.7	\$99.1	\$92.5	\$85.9
4 Equity AFUDC Amortization	Lns. (1 * 3)	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
5 Equity AFUDC Balance	Lns. (2 - 4 + Prior 5) 1/	\$132.2	\$125.6	\$118.9	\$112.3	\$105.7	\$99.1	\$92.5	\$85.9	\$79.3
6 Long Term Debt AFUDC Additions to Rate Base	Statement 7, Ln. 16	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
7 Long Term Debt AFUDC Amortization Base	Lns. (Prior 9 + 6 /2.0)	\$70.0	\$66.7	\$63.4	\$60.0	\$56.7	\$53.4	\$50.0	\$46.7	\$43.4
8 Long Term Debt AFUDC Amortization	Lns. (1 * 7)	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
9 Long Term Debt AFUDC Balance	Lns. (6 - 8 + Prior 9) 2/	\$66.7	\$63.4	\$60.0	\$56.7	\$53.4	\$50.0	\$46.7	\$43.4	\$40.0
10 Net AFUDC Balance	Lns. (5 + 9)	\$198.9	\$188.9	\$179.0	\$169.0	\$159.1	\$149.1	\$139.2	\$129.3	\$119.3
For Forward-Looking Maximum Allowable Intersta	te Rates	2024 - <u>2025</u>	2025 - <u>2026</u>	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>	2031 - <u>2032</u>	2032 - <u>2033</u>
11 Equity AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 5) 3/	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
12 LT Debt AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 9) 4/	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3

1/ 2015 amount based on Workpaper 2, Ln. 7

2/ 2015 amount based on Workpaper 2, Ln. 8

3/ Section II-9.

4/ Section II-8.

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Statement 8

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TRANS ALASKA PIPELINE SYSTEM **AFUDC** Amortization (\$ millions)

10 Net AFUDC Balance

Line										
No. Description	Source	<u>2033</u>	<u>2034</u>	<u>2035</u>	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>
1 Depreciation Factor	Workpaper 3, Ln. 2	8.3333%	9.0909%	10.0000%	11.1111%	12.5000%	14.2857%	16.6667%	20.0000%	25.0000%
2 Equity AFUDC Additions to Rate Base	Statement 7, Ln. 13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3 Equity AFUDC Amortization Base	Lns. (Prior 5 + 2 /2.0)	\$79.3	\$72.7	\$66.1	\$59.5	\$52.9	\$46.3	\$39.6	\$33.0	\$26.4
4 Equity AFUDC Amortization	Lns. (1 * 3)	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6
5 Equity AFUDC Balance	Lns. (2 - 4 + Prior 5) 1/	\$72.7	\$66.1	\$59.5	\$52.9	\$46.3	\$39.6	\$33.0	\$26.4	\$19.8
6 Long Term Debt AFUDC Additions to Rate Base	Statement 7, Ln. 16	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
7 Long Term Debt AFUDC Amortization Base	Lns. (Prior 9 + 6 /2.0)	\$40.0	\$36.7	\$33.3	\$30.0	\$26.7	\$23.3	\$20.0	\$16.7	\$13.3
8 Long Term Debt AFUDC Amortization	Lns. (1 * 7)	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
9 Long Term Debt AFUDC Balance	Lns. (6 - 8 + Prior 9) 2/	\$36.7	\$33.3	\$30.0	\$26.7	\$23.3	\$20.0	\$16.7	\$13.3	\$10.0

\$89.5

2035 -

2036

\$6.6

\$3.3

\$79.5

2036 -

2037

\$6.6

\$3.3

\$69.6

2037 -

\$6.6

\$3.3

<u>2038</u>

\$59.7

2038 -

2039

\$6.6

\$3.3

\$49.7

2039 -

2040

\$6.6

\$3.3

\$39.8

2040 -

2041

\$6.6

\$3.3

\$29.8

2041 -

2042

\$6.6

\$3.3

11 Equity AFUDC Amort. for Forward-Looking Rates

12 LT Debt AFUDC Amort. for Forward-Looking Rates

For Forward-Looking Maximum Allowable Interstate Rates

Lns. (5 + 9)

Lns. (1 * Prior 5) 3/

Lns. (1 * Prior 9) 4/

\$109.4

2033 -

2034

\$6.6

\$3.3

\$99.4

2034 -

2035

\$6.6

\$3.3

1/ 2015 amount based on Workpaper 2, Ln. 7 2/ 2015 amount based on Workpaper 2, Ln. 8

3/ Section II-9.

4/ Section II-8.

TRANS ALASKA PIPELINE SYSTEM AFUDC Amortization (\$ millions)				Statement 8 Page 4 of 4
Line No. Description	Source	<u>2042</u>	<u>2043</u>	2044
			5 0,000,000	100.00000

1	Depreciation Factor	Workpaper 3, Ln. 2	33.3333%	50.0000%	100.0000%
2	Equity AFUDC Additions to Rate Base	Statement 7, Ln. 13	\$0.0	\$0.0	\$0.0
3	Equity AFUDC Amortization Base	Lns. (Prior 5 + 2 /2.0)	\$19.8	\$13.2	\$6.6
4	Equity AFUDC Amortization	Lns. (1 * 3)	\$6.6	\$6.6	\$6.6
5	Equity AFUDC Balance	Lns. (2 - 4 + Prior 5) 1/	\$13.2	\$6.6	\$0.0
6	Long Term Debt AFUDC Additions to Rate Base	Statement 7, Ln. 16	\$0.0	\$0.0	\$0.0
7	Long Term Debt AFUDC Amortization Base	Lns. (Prior 9 + 6 /2.0)	\$10.0	\$6.7	\$3.3
8	Long Term Debt AFUDC Amortization	Lns. (1 * 7)	\$3.3	\$3.3	\$3.3
9	Long Term Debt AFUDC Balance	Lns. (6 - 8 + Prior 9) 2/	\$6.7	\$3.3	\$0.0
10	Net AFUDC Balance	Lns. (5 + 9)	\$19.9	\$9.9	\$0.0
	For Forward-Looking Maximum Allowable Interstat	e Rates	2042 - 2043	2043 - 2044	2044 - 2045
11	Equity AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 5) 3/	\$6.6	\$6.6	\$6.6
12	LT Debt AFUDC Amort. for Forward-Looking Rates	Lns. (1 * Prior 9) 4/	\$3.3	\$3.3	\$3.3

1/ 2015 amount based on Workpaper 2, Ln. 7

2/ 2015 amount based on Workpaper 2, Ln. 8

3/ Section II-9.

4/ Section II-8.

Net	ANS ALASKA PIPELINE SYSTEM Carryover - Interstate illions)									Statement 9 Page 1 of 4	
Line		G	2010	2010	2020	2021	2022	2022	2024	2025	
<u>NO.</u>	Description	Source	2018	<u>2019</u>	<u>2020</u>	<u>2021</u>	2022	<u>2023</u>	2024	2025	
1	Interstate Cost of Service - Actual	Statement 1A, Ln. 3	\$804.8	\$823.7	\$841.2	\$778.2	(\$69.9)	(\$71.0)	(\$71.0)	(\$71.0)	
	Actual Interstate Throughput (millions of b	parrels)									
2	Valdez Interstate Deliveries (Jan - Jun)	Workpaper 1, Ln.60	83.3	78.0	78.6	80.9	-	-	-	-	
3	Valdez Interstate Deliveries (Jul - Dec)	Workpaper 1, Ln.61	79.1	78.0	78.6	75.3	-	-	-	-	
4	Total Interstate Deliveries	Sum Lns. (2 thru 3)	162.4	155.9	157.3	156.2	-	-	-	-	
	Maximum Allowable Interstate Rates (\$/barrel)										
5	Valdez Interstate (Jan - Jun)	Workpaper 1, Ln.78	\$4.98	\$4.68	\$5.39	\$5.76	\$5.05	\$0.00	\$0.00	\$0.00	
6	Valdez Interstate (Jul - Dec)	Workpaper 1, Ln.79	\$4.68	\$5.39	\$5.76	\$5.05	\$0.00	\$0.00	\$0.00	\$0.00	
	Revenues Based on Maximum Allowable I	Interstate Rate									
7	Valdez Interstate (Jan - Dec)	Lns. ((2 * 5) + (3 * 6))	\$785.2	\$785.1	\$876.7	\$845.8	\$0.0	\$0.0	\$0.0	\$0.0	
8	Interstate Carryover Base	Lns. (1 - 7)	\$19.7	\$38.6	(\$35.5)	(\$67.7)	(\$69.9)	(\$71.0)	(\$71.0)	(\$71.0)	
9	18-Month Compounded Interest Rate	1/	4.67%	5.50%	4.16%	3.29%	1.63%	0.00%	0.00%	0.00%	
10	Interest on Net Carryover - Interstate	Lns. 8 * 9	\$0.9	\$2.1	(\$1.5)	(\$2.2)	(\$1.1)	\$0.0	\$0.0	\$0.0	
11	Net Carryover - Interstate	Lns. (8 + 10)	\$20.6	\$40.7	(\$36.9)	(\$69.9)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	

Settlement Agreement Establishing Variable Tariff Methodology for the Trans Alaska Pipeline System Exhibit F

Net	ANS ALASKA PIPELINE SYSTEM Carryover - Interstate iillions)									Statement 9 Page 2 of 4
Line No. Description Source 2026 2027 2028 2029 2030 2031 2032 2033										
NO	Description	Source	2026	2027	<u>2028</u>	2029	2030	2031	2032	2033
1	Interstate Cost of Service - Actual	Statement 1A, Ln. 3	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
	Actual Interstate Throughput (millions of b	arrels)								
2	Valdez Interstate Deliveries (Jan - Jun)	Workpaper 1, Ln.60	-	-	-	-	-	-	-	-
3	Valdez Interstate Deliveries (Jul - Dec)	Workpaper 1, Ln.61	-	-	-	-	-	-	-	-
4	Total Interstate Deliveries	Sum Lns. (2 thru 3)	-	-	-	-	-	-	-	-
	Maximum Allowable Interstate Rates (\$/ba	<u>irrel)</u>								
5	Valdez Interstate (Jan - Jun)	Workpaper 1, Ln.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	Valdez Interstate (Jul - Dec)	Workpaper 1, Ln.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Revenues Based on Maximum Allowable I	nterstate Rate								
7	Valdez Interstate (Jan - Dec)	Lns. ((2 * 5) + (3 * 6))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Interstate Carryover Base	Lns. (1 - 7)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
9	18-Month Compounded Interest Rate	1/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Interest on Net Carryover - Interstate	Lns. 8 * 9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11	Net Carryover - Interstate	Lns. (8 + 10)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)

Settlement Agreement Establishing Variable Tariff Methodology for the Trans Alaska Pipeline System Exhibit F

Net	ANS ALASKA PIPELINE SYSTEM Carryover - Interstate iillions)									Statement 9 Page 3 of 4
Line No. Description Source 2034 2035 2036 2037 2038 2039 2040 2041										
NO	Description	Source	2034	2035	2036	2037	2038	2039	2040	2041
1	Interstate Cost of Service - Actual	Statement 1A, Ln. 3	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
	Actual Interstate Throughput (millions of b	parrels)								
2	Valdez Interstate Deliveries (Jan - Jun)	Workpaper 1, Ln.60	-	-	-	-	_	-	-	-
3	Valdez Interstate Deliveries (Jul - Dec)	Workpaper 1, Ln.61	-	-	-	-	-	-	-	-
4	Total Interstate Deliveries	Sum Lns. (2 thru 3)	-	-	-	-	-	-	-	-
	Maximum Allowable Interstate Rates (\$/barrel)									
5	Valdez Interstate (Jan - Jun)	Workpaper 1, Ln.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	Valdez Interstate (Jul - Dec)	Workpaper 1, Ln.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Revenues Based on Maximum Allowable I	nterstate Rate								
7	Valdez Interstate (Jan - Dec)	Lns. ((2 * 5) + (3 * 6))	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8	Interstate Carryover Base	Lns. (1 - 7)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)
9	18-Month Compounded Interest Rate	1/	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10	Interest on Net Carryover - Interstate	Lns. 8 * 9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11	Net Carryover - Interstate	Lns. (8 + 10)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)	(\$71.0)

Net	RANS ALASKA PIPELINE SYSTEMStatement 9et Carryover - InterstatePage 4 of 4b millions)Framework												
Line													
No.	Description	Source	2042	<u>2043</u>	<u>2044</u>								
1	Interstate Cost of Service - Actual	Statement 1A, Ln. 3	(\$71.0)	(\$71.0)	(\$71.0)								
	Actual Interstate Throughput (millions of b	arrels)											
2	Valdez Interstate Deliveries (Jan - Jun)	Workpaper 1, Ln.60	-	-	-								
3	Valdez Interstate Deliveries (Jul - Dec)	Workpaper 1, Ln.61	-	-	-								
4	Total Interstate Deliveries	Sum Lns. (2 thru 3)	-	-	-								
	Maximum Allowable Interstate Rates (\$/barrel)												
5	Valdez Interstate (Jan - Jun)	Workpaper 1, Ln.78	\$0.00	\$0.00	\$0.00								
6	Valdez Interstate (Jul - Dec)	Workpaper 1, Ln.79	\$0.00	\$0.00	\$0.00								
	Revenues Based on Maximum Allowable I	nterstate Rate											
7	Valdez Interstate (Jan - Dec)	Lns. ((2 * 5) + (3 * 6))	\$0.0	\$0.0	\$0.0								
8	Interstate Carryover Base	Lns. (1 - 7)	(\$71.0)	(\$71.0)	(\$71.0)								
9	18-Month Compounded Interest Rate	1/	0.00%	0.00%	0.00%								
10	Interest on Net Carryover - Interstate	Lns. 8 * 9	\$0.0	\$0.0	\$0.0								
11	Net Carryover - Interstate	Lns. (8 + 10)	(\$71.0)	(\$71.0)	(\$71.0)								

		Calculation or Stipulated Amount Input Cell (actual)										Workpaper 1
Li	ne											
	o. Description	Source	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	2020	<u>2021</u>	2022	2023	2024	2025
	Cost of Capital (%)											
1	Equity Ratio	Section II-11	46.66%	47.93%	47.93%	47.93%	47.93%	47.93%				
2	1 5	Section II-11	11.05%	10.86%	10.86%	10.86%	10.86%	10.86%				
3	Rate of Return on Long-Term Debt	Section II-11	4.83%	5.21%	5.21%	5.21%	5.21%	5.21%				
	Net Carryover Interest (%)											
4	Interest Rate Q1 (annual %)	FERC	3.25%	3.50%	4.25%	5.18%	4.96%	3.25%	3.25%			
5	Interest Rate Q2 (annual %)	FERC	3.46%	3.71%	4.47%	5.45%	4.75%	3.25%	3.25%			
6		FERC	3.50%	3.96%	4.69%	5.50%	3.43%	3.25%				
7	Interest Rate Q4 (annual %)	FERC	3.50%	4.21%	4.96%	5.42%	3.25%	3.25%				
	Rate Base (\$ millions)											
8		Alyeska Reports	\$136.2	\$143.8	\$63.5	\$87.4	\$62.5	\$50.0				
9		Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
1(CWIP Adjustments and Transfers	Alyeska Reports	(\$166.3)	(\$105.8)	(\$151.2)	(\$110.4)	(\$81.3)	(\$54.1)				
	Additions to Carrier Property in Service	Alyeska Reports	\$166.3	\$105.8	\$151.2	\$110.4	\$81.3	\$54.1				
12	1 2	Alyeska Reports	(\$88.8)	(\$64.0)	(\$34.2)	(\$37.1)	(\$40.2)	(\$28.7)				
13	3 Adjustments to Carrier Property in Service	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
	4 Additions of Land	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
15		Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
	5 Adjustments to Land	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
	7 Depreciation Retirements	Alyeska Reports	(\$90.1)	(\$63.7)	(\$33.2)	(\$36.5)	(\$39.2)	(\$28.6)				
18	B Depreciation Adjustments	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
19	Working Capital	Alyeska Reports	\$62.2	\$70.5	\$66.4	\$68.3	\$70.2	\$74.6				
	Operating Expense - For Actual Cost of Service (\$	millions)										
20) Ad Valorem Property Tax	Ad Valorem Request for Funds	\$160.0	\$160.0	\$160.0	\$160.0	\$160.0	\$160.0				
21		Carrier Records	\$30.2	\$23.4	\$24.1	\$22.4	\$5.1	\$14.4				
22	· · · · · · · · · · · · · · · · · · ·	Carrier Records	\$11.3	\$12.7	\$11.8	\$8.1	\$7.0	\$7.3				
23 24	Carrier Direct, Excl. Ad Valorem Tax - EMPCo Carrier Direct, Excl. Ad Valorem Tax - TAPS	Carrier Records Sum Lns. (21 through 23)	\$8.3 \$49.8	\$5.7 \$41.8	\$3.0 \$39.0	\$3.1 \$33.6	\$4.1 \$16.2	\$2.6 \$24.3	\$0.0	\$0.0	\$0.0	\$0.0
25	5 Alyeska Operating Expenses	Alyeska Reports	\$490.6	\$467.0	\$489.4	\$473.7	\$454.5	\$482.4			· · · ·	
	5 Income Taxes on Imputed Management Fees	Alyeska Reports	\$2.7	\$2.7	\$1.9	\$1.9	\$1.9	\$1.8				
27	7 Annual PBOP Accrual	Alyeska Reports	\$1.1	(\$0.5)	(\$0.5)	(\$0.6)	\$0.2	\$2.3				
28	5	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
29	PBOP Cash Payouts	Alyeska Reports	(\$4.0)	(\$3.9)	(\$4.2)	(\$4.3)	(\$3.9)	(\$4.2)				
30) Unusual or Infrequent Items - Credit (Acct. 645)	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
31	1	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
32	2 Extraordinary Items (Acct. 680)	Alyeska Reports	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
33	Other Credits, Nontariff Revenue, and Misc. Revenue	Alyeska Reports	\$0.5	\$0.5	\$1.1	\$0.2	\$2.1	\$0.7				
	1 Non-Distance Related Costs - Alyeska	Alyeska Reports	\$101.7	\$92.5	\$110.4	\$111.6	\$119.1	\$72.5				
35		Carrier Records	\$37.6	\$30.1	\$28.2	\$24.5	\$7.2	\$15.6	40 -	* 0 -	40 -	* 0.5
36		Lns. (34 + 35)	\$139.3	\$122.6	\$138.6	\$136.1	\$126.3	\$88.2	\$0.0	\$0.0	\$0.0	\$0.0
37	7 CPI-U Inflation Rate (Annual Average)	Bureau of Labor Statistics	1.26%	2.13%	2.44%	1.81%	1.23%	4.70%				

TR Inp	ANS ALASKA PIPELINE SYSTEM	Calculation or Stipulated Amount Input Cell (actual)									Y	Workpaper 1
mp		input con (actual)										
Lin	le											
No	<u>Description</u>	Source	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
	Operating Expense - For Max. Allowable Interst	ate Rate Cost of Service (\$ millions)										
38	Ad Valorem Property Tax	Ad Val Assessment			\$160.0	\$160.0	\$160.0	\$160.0	\$160.0			
39	Carrier Direct, Excl. Ad Valorem Tax - TAPS	Prior Ln. 24 [1/]			\$41.8	\$39.0	\$17.6	\$16.2	\$24.3	\$0.0	\$0.0	\$0.0
40	Alyeska Operating Expenses	Prior Ln. 25			\$467.0	\$489.4	\$473.7	\$454.5	\$482.4	\$0.0	\$0.0	\$0.0
41	1 0	Prior Ln. 26			\$2.7	\$1.9	\$1.9	\$1.9	\$1.8	\$0.0	\$0.0	\$0.0
42	PBOP Earnings Credit	Workpaper 8, Prior Ln. 21			\$9.3	\$7.6	\$6.7	\$5.8	\$8.0	\$4.5	\$4.5	\$4.5
43	Other Credits, Nontariff Revenue, and Misc. Revenue	ue Prior Ln. 33			\$0.5	\$1.1	\$0.2	\$2.1	\$0.7	\$0.0	\$0.0	\$0.0
44	Non-Distance Related Costs - Total	Prior Ln. 36 [1/]			\$122.6	\$138.6	\$120.1	\$126.3	\$88.2	\$0.0	\$0.0	\$0.0
	Depreciation and Amortization Periods (Years)											
45	Remaining Life for Depreciation (years)	Section II-6(c)	29	28	27	26	25	24	23	22	21	20
46	Amort. Year for Infrequent and Extraordinary Items	Section II-4(b)	5	5	5	5	5	5	5	5	5	5
	Tax Rates (%)											
47	State Income Tax Rate	AK Stat.	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
48		IRC	35.00%	35.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
49	1	Exhibit D	5.71%	10.78%	9.82%	9.21%	8.60%	7.98%	7.37%	6.75%	6.14%	5.53%
50	Federal Tax Depreciation Factor	Exhibit E	5.00%	9.50%	8.55%	7.70%	6.93%	6.23%	5.90%	5.90%	5.90%	5.90%
	Actual Throughput - For Net Carryover (Million	Bbls)										
51	GVEA Deliveries. Jan - Jun	Alyeska Reports	1.1	1.3	1.3	1.3	1.4	1.3				
52	GVEA Deliveries, Jul - Dec	Alyeska Reports	1.3	1.4	1.4	1.5	1.5	1.6				
53	GVEA Deliveries	Lns. (51 + 52)	2.4	2.7	2.7	2.8	3.0	2.9	-	-	-	-
54	Petrostar Deliveries, Jan - Jun	Alyeska Reports	2.4	2.6	2.6	2.9	2.7	2.8				
55		Alyeska Reports	3.0	2.9	2.9	2.9	2.8	3.1				
56	Petrostar Deliveries	Lns. (54 + 55)	5.4	5.5	5.6	5.8	5.5	5.9	-	-	-	-
57	,	Carrier Records	6.2	9.5	7.2	7.3	3.1	5.2				
58	· · · · · · · · · · · · · · · · · · ·	Carrier Records	9.7	9.2	8.2	5.4	4.1	5.5				
59	Valdez Intrastate Deliveries	Lns. (57 + 58)	15.9	18.7	15.4	12.8	7.3	10.6	-	-	-	-
60		Carrier Records	87.0	84.2	83.3	78.0	78.6	80.9				
61	,	Carrier Records	80.4	80.0	79.1	78.0	78.6	75.3				
62		Lns. (60 + 61)							-	-	-	
63		Lns. $(51 + 54 + 57 + 60)$	96.7	97.6	94.4	89.5	85.9	90.2	-	-	-	-
64		Lns. $(52 + 55 + 58 + 61)$	94.4	93.6	91.7	87.8	87.1	85.3	-	-	-	-
05	Total Deliveries	Lns. (63 + 64)	191.0	191.2	186.1	177.4	173.0	175.6	-	-	-	-

	ANS ALASKA PIPELINE SYSTEM puts	Calculation or Stipulated Amount Input Cell (actual)									W	orkpaper 1
Liı	ne											
No	<u>Description</u>	Source	<u>2016</u>	<u>2017</u>	2018	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
	Forecasted Throughput - For 2018-2019 and	l Subsequent MAR (Million Barrels)										
66	GVEA Deliveries - Forecasted	Prior Ln. 53			2.7	2.7	2.8	3.0	2.9	-	-	-
67	Petrostar Deliveries - Forecasted	Prior Ln. 56			5.5	5.6	5.8	5.5	5.9	-	-	-
68	Valdez Intrastate Deliveries - Forecasted	Prior Ln. 59			18.7	15.4	12.8	7.3	10.6	-	-	-
69	Total Intrastate Deliveries - Forecasted	Sum Lns. (66 through 68)			27.0	23.7	21.4	15.8	19.4	-	-	-
70	Volume Change Prior Two Years	Change in Ln. 65			0.07%	-2.64%	-4.70%	-2.45%	1.46%	0.00%	0.00%	0.00%
71	18-Month Multiplier	Section II-2			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72	Processed Volume Change (%) if < 15%					-3.96%	-7.04%	-3.68%	2.19%	0.00%	0.00%	0.00%
73	Valdez Interstate Deliveries - Forecasted	(Prior Ln. 65 * (1.0 + Ln. 72)) - Ln. 69			164.4	155.1	143.4	150.9	160.0	-	-	-
74	Total Deliveries	Lns. (69 + 73)			191.4	178.8	164.9	166.7	179.4	-	-	-
	Pipeline Distance (Miles)											
75	5 GVEA	Input	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06
76	5 Petrostar	Input	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00
77	Valdez (Intrastate and Interstate)	Input	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32
	Maximum Allowable Interstate Rate in Effe	ct (\$ per Barrel)										
78		Input After MAR in Effect			\$4.982	\$4.678	\$5.392	\$5.756	\$5.052			
79	× /	Input After MAR in Effect			\$4.678	\$5.392	\$5.756	\$5.052				
						· · ·		· · · ·				

1/ 2020 amount excludes \$16.015 million.

TRANS ALASKA PIPELINE SYSTEM Inputs	Calculation or Stipulated Amount Input Cell (actual)									ľ	Workpaper 1
Line No. Description	Source	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Cost of Capital (%)	<u>bound</u>	2020	<u>2021</u>	2020	<u>202</u>	2000	2001	2002	2000	2001	2000
1 Equity Ratio	Section II-11						[]			[[
2 Rate of Return on Equity	Section II-11										
3 Rate of Return on Long-Term Debt	Section II-11										
Net Carryover Interest (%)											
4 Interest Rate Q1 (annual %)	FERC										
5 Interest Rate Q2 (annual %)	FERC FERC										
6 Interest Rate Q3 (annual %)7 Interest Rate Q4 (annual %)	FERC										
Rate Base (\$ millions)		· · · · ·	<u> </u>								
8 CWIP Additions	Alyeska Reports										
9 CWIP Retirements	Alyeska Reports										
10 CWIP Adjustments and Transfers	Alyeska Reports										
11 Additions to Carrier Property in Service	Alyeska Reports										
 Retirements of Carrier Property in Service Adjustments to Carrier Property in Service 	Alyeska Reports Alyeska Reports										
14 Additions of Land											
14 Additions of Land 15 Retirements of Land	Alyeska Reports Alyeska Reports										
16 Adjustments to Land	Alyeska Reports										
17 Depreciation Retirements	Alyeska Reports										
18 Depreciation Adjustments	Alyeska Reports										
19 Working Capital	Alyeska Reports										
Operating Expense - For Actual Cost of Service	(\$ millions)										
20 Ad Valorem Property Tax	Ad Valorem Request for Funds										
21 Carrier Direct, Excl. Ad Valorem Tax - Harvest	Carrier Records										
 22 Carrier Direct, Excl. Ad Valorem Tax - CPTAI 23 Carrier Direct, Excl. Ad Valorem Tax - EMPCo 	Carrier Records Carrier Records										
24 Carrier Direct, Excl. Ad Valorem Tax - TAPS	Sum Lns. (21 through 23)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
25 Alyeska Operating Expenses	Alyeska Reports										
26 Income Taxes on Imputed Management Fees	Alyeska Reports										
27 Annual PBOP Accrual28 PBOP Adjustments	Alyeska Reports Alyeska Reports										
29 PBOP Cash Payouts	Alyeska Reports										
30 Unusual or Infrequent Items - Credit (Acct. 645)	Alyeska Reports										
31 Unusual or Infrequent Items - Debit (Acct. 665)	Alyeska Reports										
32 Extraordinary Items (Acct. 680)	Alyeska Reports										
33 Other Credits, Nontariff Revenue, and Misc. Reven	ue Alyeska Reports										
34 Non-Distance Related Costs - Alyeska	Alyeska Reports										
 35 Non-Distance Related Costs - Carrier-Direct 36 Non-Distance Related Costs - Total 	Carrier Records Lns. (34 + 35)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
37 CPI-U Inflation Rate (Annual Average)	Bureau of Labor Statistics	φ0.0	φ0.0	φ0.0	\$0.0	φ0.0	φ0.0	φ0.0	φ0.0	φ 0. 0	φ0.0
57 CITO Innation Rate (Annual Average)	Dureau of Labor Statistics	LL			l	I	L			L L	

	ANS ALASKA PIPELINE SYSTEM puts	Calculation or Stipulated Amount Input Cell (actual)										Workpaper 1
p		input con (ustual)										
Lir												
No	<u>Description</u>	Source	2026	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	<u>2035</u>
	Operating Expense - For Max. Allowable Inter-	state Rate Cost of Service (\$ millions)										
38	Ad Valorem Property Tax	Ad Val Assessment										
39	Carrier Direct, Excl. Ad Valorem Tax - TAPS	Prior Ln. 24 [1/]	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40	Alyeska Operating Expenses	Prior Ln. 25	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
41	1 0	Prior Ln. 26	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
42	PBOP Earnings Credit	Workpaper 8, Prior Ln. 21	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5	\$4.5
43	Other Credits, Nontariff Revenue, and Misc. Reve	nue Prior Ln. 33	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
44	Non-Distance Related Costs - Total	Prior Ln. 36 [1/]	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	Depreciation and Amortization Periods (Years)											
45	Remaining Life for Depreciation (years)	Section II-6(c)	19	18	17	16	15	14	13	12	11	10
46	Amort. Year for Infrequent and Extraordinary Item	s Section II-4(b)	5	5	5	5	5	5	5	5	5	5
	Tax Rates (%)											
47	State Income Tax Rate	AK Stat.	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
48		IRC	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
49		Exhibit D Exhibit E	4.91% 5.90%	4.30% 5.90%	3.68% 5.90%	3.07% 5.90%	2.46% 5.90%	1.84% 2.95%	1.23%	0.61%		
30	Federal Tax Depreciation Factor	Exhibit E	5.90%	5.90%	3.90%	5.90%	5.90%	2.93%				
	Actual Throughput - For Net Carryover (Millio	on Bbls)										
51	GVEA Deliveries, Jan - Jun	Alyeska Reports										
	GVEA Deliveries, Jul - Dec	Alyeska Reports										
53	GVEA Deliveries	Lns. (51 + 52)	-	-	-	-	-	-	-	-	-	-
54		Alyeska Reports										
55 56		Alyeska Reports Lns. (54 + 55)	-		-		_				_	
			-	-	-	-	-	-	-	-	-	-
57 58		Carrier Records Carrier Records										
- 30 59		Lns. $(57 + 58)$	-	-	-	-	-	-	-	-	-	-
		Carrier Records										
60 61	· · · · · · · · · · · · · · · · · · ·	Carrier Records	<u> </u>									
62		Lns. $(60 + 61)$	-	-	-	-	-	-	-	-	-	-
63	Total Deliveries, Jan - Jun	Lns. (51 + 54 + 57 + 60)	_	_	-	-	_	_	-	-	_	_
64	· · · · · · · · · · · · · · · · · · ·	Lns. $(51 + 54 + 57 + 66)$ Lns. $(52 + 55 + 58 + 61)$	-	-	-	-	-	-	-	-	-	-
65	Total Deliveries	Lns. (63 + 64)	-	-	-	-	-	-	-	-	-	-

	RANS ALASKA PIPELINE SYSTEM puts	Calculation or Stipulated Amount Input Cell (actual)									W	orkpaper 1
Lir <u>No</u>	ne o. <u>Description</u>	Source	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	<u>2035</u>
	Forecasted Throughput - For 2018-2019 and S	ubsequent MAR (Million Barrels)										
66 67 68 69	 Petrostar Deliveries - Forecasted Valdez Intrastate Deliveries - Forecasted 	Prior Ln. 53 Prior Ln. 56 Prior Ln. 59 Sum Lns. (66 through 68)		- - -		- - -	- - -	- - -	- - -	- - -	- - -	- - -
70 71 72 73	 18-Month Multiplier Forecasted Volume Change (%) if < 15% 	Change in Ln. 65 Section II-2 Lns. (70 * 71) (Prior Ln. 65 * (1.0 + Ln. 72)) - Ln. 69	0.00% 1.5 0.00% -	0.00% 1.5 0.00%	0.00% 1.5 0.00% -	0.00% 1.5 0.00%	0.00% 1.5 0.00%	0.00% 1.5 0.00%	0.00% 1.5 0.00%	0.00% 1.5 0.00% -	0.00% 1.5 0.00%	0.00% 1.5 0.00%
74	4 Total Deliveries	Lns. (69 + 73)	-	-	-	-	-	-	-	-	-	-
	Pipeline Distance (Miles)											
75		Input	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06
76 77		Input Input	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32	796.00 800.32
	Maximum Allowable Interstate Rate in Effect	(\$ per Barrel)										
78		Input After MAR in Effect										
79	Waldez Interstate (Jul - Dec)	Input After MAR in Effect										
1,	/ 2020 amount excludes \$16.015 million.											

Settlement Agreement Establishing Variable Tariff Methodology for the Trans Alaska Pipeline System Exhibit F

TRAN Input	NS ALASKA PIPELINE SYSTEM s	Calculation or Stipulated Amount Input Cell (actual)]								Workpaper 1
Line											
	Description	Source	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>	<u>2044</u>
	Cost of Capital (%)										
2	Equity Ratio Rate of Return on Equity Rate of Return on Long-Term Debt	Section II-11 Section II-11 Section II-11									
	Net Carryover Interest (%)										
5 6	Interest Rate Q1 (annual %) Interest Rate Q2 (annual %) Interest Rate Q3 (annual %) Interest Rate Q4 (annual %)	FERC FERC FERC FERC									
	Rate Base (\$ millions)										
9 10	CWIP Additions CWIP Retirements CWIP Adjustments and Transfers	Alyeska Reports Alyeska Reports Alyeska Reports									
12	Additions to Carrier Property in Service Retirements of Carrier Property in Service Adjustments to Carrier Property in Service	Alyeska Reports Alyeska Reports Alyeska Reports									
15	Additions of Land Retirements of Land Adjustments to Land	Alyeska Reports Alyeska Reports Alyeska Reports									
	Depreciation Retirements Depreciation Adjustments	Alyeska Reports Alyeska Reports									
19	Working Capital	Alyeska Reports									
	Operating Expense - For Actual Cost of Service (\$	6 millions)									
20	Ad Valorem Property Tax	Ad Valorem Request for Funds									
22 23	Carrier Direct, Excl. Ad Valorem Tax - Harvest Carrier Direct, Excl. Ad Valorem Tax - CPTAI Carrier Direct, Excl. Ad Valorem Tax - EMPCo Carrier Direct, Excl. Ad Valorem Tax - TAPS	Carrier Records Carrier Records Carrier Records Sum Lns. (21 through 23)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
26 27 28	Alyeska Operating Expenses Income Taxes on Imputed Management Fees Annual PBOP Accrual PBOP Adjustments PBOP Cash Payouts	Alyeska Reports Alyeska Reports Alyeska Reports Alyeska Reports Alyeska Reports									
31	Unusual or Infrequent Items - Credit (Acct. 645) Unusual or Infrequent Items - Debit (Acct. 665) Extraordinary Items (Acct. 680)	Alyeska Reports Alyeska Reports Alyeska Reports									
33	Other Credits, Nontariff Revenue, and Misc. Revenue	e Alyeska Reports									
35	Non-Distance Related Costs - Alyeska Non-Distance Related Costs - Carrier-Direct Non-Distance Related Costs - Total	Alyeska Reports Carrier Records Lns. (34 + 35)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
37	CPI-U Inflation Rate (Annual Average)	Bureau of Labor Statistics									

TRA Inpu		Calculation or Stipulated Amount Input Cell (actual)]							,	Workpaper 1
-		input Ceri (uetual)	_								
Line No.	Description	Source	2036	2037	2038	2039	2040	2041	2042	2043	2044
	Operating Expense - For Max. Allowable Interstat	e Rate Cost of Service (\$ millions)									
38	Ad Valorem Property Tax	Ad Val Assessment									
39	Carrier Direct, Excl. Ad Valorem Tax - TAPS	Prior Ln. 24 [1/]	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40	Alyeska Operating Expenses	Prior Ln. 25	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
41	Income Taxes on Imputed Management Fees PBOP Earnings Credit	Prior Ln. 26 Workpaper 8, Prior Ln. 21	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5	\$0.0 \$4.5
	Other Credits, Nontariff Revenue, and Misc. Revenue	••	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
44		Prior Ln. 36 [1/]	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	Depreciation and Amortization Periods (Years)	1 Hot 2m 50 [1/]	¢010	<i>Q</i> 010	<i>Q</i> 010	¢0.0	\$0.0	<i>Q</i> 010	çolo	¢010	çolo
45	Remaining Life for Depreciation (years)	Section II-6(c)	9	8	7	6	5	4	3	2	1
	Amort. Year for Infrequent and Extraordinary Items	Section II-4(b)	5	5	5	5	5	4	3	2	1
	Tax Rates (%)										
47	State Income Tax Rate	AK Stat. IRC	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
48 49	Federal Income Tax Rate State Tax Depreciation Factor	Exhibit D	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
50	Federal Tax Depreciation Factor	Exhibit E									
	Actual Throughput - For Net Carryover (Million H	Bbls)									
51	GVEA Deliveries, Jan - Jun	Alyeska Reports									
	GVEA Deliveries, Jul - Dec GVEA Deliveries	Alyeska Reports Lns. (51 + 52)									
54	Petrostar Deliveries, Jan - Jun	Alyeska Reports	-	-	-	-	-	-	-	-	-
55	Petrostar Deliveries, Jul - Dec	Alyeska Reports									
56	Petrostar Deliveries	Lns. (54 + 55)	-	-	-	-	-	-	-	-	-
57 58	Valdez Intrastate Deliveries, Jan - Jun Valdez Intrastate Deliveries, Jul - Dec	Carrier Records Carrier Records									
59	Valdez Intrastate Deliveries	Lns. (57 + 58)	-	-	-	-	-	-	-	-	-
60	Valdez Interstate Deliveries, Jan - Jun	Carrier Records									
61 62	Valdez Interstate Deliveries, Jul - Dec Valdez Interstate Deliveries	Carrier Records Lns. $(60 + 61)$	·	-	-	-	-	-	-	-	-
63	Total Deliveries, Jan - Jun	Lns. $(51 + 54 + 57 + 60)$	_	_	_	_	-	_	_	_	_
64	Total Deliveries, Jul - Dec	Lns. $(52 + 55 + 58 + 61)$	-	-	-	-	-	-	-	-	-
65	Total Deliveries	Lns. (63 + 64)	-	-	-	-	-	-	-	-	-

TRANS ALASKA PIPELINE SYSTEM Inputs	Calculation or Stipulated Amount Input Cell (actual)									Workpaper 1
Line										
No. Description	Source	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>	<u>2044</u>
Forecasted Throughput - For 2018-2019 and S	ubsequent MAR (Million Barrels)									
66 GVEA Deliveries - Forecasted	Prior Ln. 53	-	-	-	-	-	-	-	-	-
67 Petrostar Deliveries - Forecasted	Prior Ln. 56	-	-	-	-	-	-	-	-	-
68 Valdez Intrastate Deliveries - Forecasted	Prior Ln. 59	-	-	-	-	-	-	-	-	-
69 Total Intrastate Deliveries - Forecasted	Sum Lns. (66 through 68)	-	-	-	-	-	-	-	-	-
70 Volume Change Prior Two Years	Change in Ln. 65	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
71 18-Month Multiplier	Section II-2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
72 Forecasted Volume Change (%) if < 15%	Lns. (70 * 71)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
73 Valdez Interstate Deliveries - Forecasted	(Prior Ln. 65 * (1.0 + Ln. 72)) - Ln. 69	-	-	-	-	-	-	-	-	-
74 Total Deliveries	Lns. (69 + 73)	-	-	-	-	-	-	-	-	-
Pipeline Distance (Miles)										
75 GVEA	Input	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06	469.06
76 Petrostar	Input	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00	796.00
77 Valdez (Intrastate and Interstate)	Input	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32	800.32
Maximum Allowable Interstate Rate in Effect	-									
78 Valdez Interstate (Jan - Jun)79 Valdez Interstate (Jul - Dec)	Valdez Interstate (Jan - Jun) Input After MAR in Effect Valdez Interstate (Jul - Dec) Input After MAR in Effect									
79 valuez Interstate (Jul - Dec)	input Aner MAK in Effect									

1/ 2020 amount excludes \$16.015 million.

TRANS ALASKA PIPELINE SYSTEM **Stipulated Amounts** (\$ millions)

Workpaper 2

Line		Data Element	Time Period	Amount	Reference in Settlement
1	y	CWIP	December 31, 2015 Balance	\$169.877	II-7
2	rier erty	Carrier Property in Service	December 31, 2015 Balance	\$9,035.029	II-7
3	Carrier Property	Land	December 31, 2015 Balance	\$18.245	II-7
4	P P	Accumulated Depreciation	December 31, 2015 Balance	\$8,082.052	II-6
5	7.)	Equity AFUDC Base	December 31, 2015 Balance	\$33.964	II-9
6	ğ	Long Term Debt AFUDC Base	December 31, 2015 Balance	\$15.254	II-8
7	AFUDC	Net Equity AFUDC Balance	December 31, 2015 Balance	\$111.354	II-9
8	7	Net Long Term Debt AFUDC Balance	December 31, 2015 Balance	\$61.028	II-8
9	DR	Net Deferred Return Balance	December 31, 2015 Balance	\$173.417	II-19
10	E	State ADIT Balance	December 31, 2015 Balance	\$31.385	II-14
11	ADIT	Federal ADIT Balance	December 31, 2015 Balance	\$127.502	II-14
12	7	Excess Tax Reserve Balance	December 31, 2015 Balance	\$4.945	II-14
13		Pre-2016 Federal Tax Depreciation 1/	2016 Amount	\$78.086	Exhibit C
14			2017 Amount	\$70.712	Exhibit C
15			2018 Amount	\$63.386	Exhibit C
16			2019 Amount	\$57.550	Exhibit C
17			2020 Amount	\$53.815	Exhibit C
18			2021 Amount	\$51.321	Exhibit C
19			2022 Amount	\$50.135	Exhibit C
20			2023 Amount	\$46.644	Exhibit C
21			2024 Amount	\$41.781	Exhibit C
22			2025 Amount	\$37.769	Exhibit C
23			2026 Amount	\$33.245	Exhibit C
24			2027 Amount	\$26.696	Exhibit C
25			2028 Amount	\$19.615	Exhibit C
26	u		2029 Amount	\$13.830	Exhibit C
27	latic		2030 Amount	\$5.518	Exhibit C
28	Tax Depreciation	Pre-2016 State Tax Depreciation 1/	2016 Amount	\$83.452	Exhibit B
29	Dep		2017 Amount	\$75.155	Exhibit B
30	ax]		2018 Amount	\$67.985	Exhibit B
31	Т		2019 Amount	\$61.150	Exhibit B
32			2020 Amount	\$54.540	Exhibit B
33			2021 Amount	\$48.166	Exhibit B
34			2022 Amount	\$42.323	Exhibit B
35			2023 Amount	\$36.658	Exhibit B
36			2024 Amount	\$31.258	Exhibit B
37			2025 Amount	\$25.985	Exhibit B
38			2026 Amount	\$20.831	Exhibit B
39			2027 Amount	\$16.284	Exhibit B
40			2028 Amount	\$12.141	Exhibit B
41			2029 Amount	\$8.429	Exhibit B
42			2030 Amount	\$5.227	Exhibit B
43			2031 Amount	\$2.876	Exhibit B
44			2032 Amount	\$1.147	Exhibit B
	Working	g Capital	2015 Amount	\$65.630	II-10
46	Ч	Adjustment Brought Forward	December 31, 2015 Balance	\$0.000	II-4
47	PBOP	Cumulative Net PBOP Accrual	December 31, 2015 Balance	\$111.546	II-4
48		Cumulative Tax Effect of Net PBOP Accrual	December 31, 2015 Balance	\$45.857	II-4
49	Dep	Depreciable End Life (2044 EOY = 2045.00)	2016 and After	2045.00	II-6
50	SR	Net Allowed SR Project Costs	December 31, 2015 Balance	\$253.277	II-18

1/ Amounts for subsequent years are fully depreciated.

TRANS ALASKA PIPELINE SYSTE Depreciation Factors	ΣM										orkpaper 3 Page 1 of 3
Line No. Description	Source	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
1 Remaining Life for Depreciation	Workpaper 1, Ln. 45	29.00	28.00	27.00	26.00	25.00	24.00	23.00	22.00	21.00	20.00
2 Depreciation Factor	1.0 / Ln. 1 [max. 100%]	3.4483%	3.5714%	3.7037%	3.8462%	4.0000%	4.1667%	4.3478%	4.5455%	4.7619%	5.0000%

TRANS ALASKA PIPELINE SYSTE Depreciation Factors	ΣM									v	Vorkpaper 3 Page 2 of 3
Line <u>No.</u> <u>Description</u>	Source	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	<u>2035</u>
1 Remaining Life for Depreciation	Workpaper 1, Ln. 45	19.00	18.00	17.00	16.00	15.00	14.00	13.00	12.00	11.00	10.00
2 Depreciation Factor	1.0 / Ln. 1 [max. 100%]	5.2632%	5.5556%	5.8824%	6.2500%	6.6667%	7.1429%	7.6923%	8.3333%	9.0909%	10.0000%

TRANS ALASKA PIPELINE SYSTEM Depreciation Factors								Workpaper 3 Page 3 of 3		
Line <u>No.</u> <u>Description</u>	Source	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>	<u>2044</u>
1 Remaining Life for Depreciation	Workpaper 1, Ln. 45	9.00	8.00	7.00	6.00	5.00	4.00	3.00	2.00	1.00
2 Depreciation Factor	1.0 / Ln. 1 [max. 100%]	11.1111%	12.5000%	14.2857%	16.6667%	20.0000%	25.0000%	33.3333%	50.0000%	100.0000%

TRANS ALASKA PIPELINE SYSTEM Carrier Property in Service and Depreciation (\$ millions)

Line

No. Description	Source	2015	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	<u>2020</u>	2021	<u>2022</u>
1 Carrier Property in Service, BOY	Prior Ln. 5		\$9,035.0	\$9,112.5	\$9,154.3	\$9,271.3	\$9,344.5	\$9,385.6	\$9,411.0
2 Additions to Carrier Property in Service	Workpaper 1, Ln.11		\$166.3	\$105.8	\$151.2	\$110.4	\$81.3	\$54.1	\$0.0
3 Retirements of Carrier Property in Service	Workpaper 1, Ln.12		(\$88.8)	(\$64.0)	(\$34.2)	(\$37.1)	(\$40.2)	(\$28.7)	\$0.0
4 Adjustments to Carrier Property in Service	Workpaper 1, Ln.13		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
5 Carrier Property in Service, EOY	Lns. $(1 + 2 + 3 + 4) 1/$	\$9,035.0	\$9,112.5	\$9,154.3	\$9,271.3	\$9,344.5	\$9,385.6	\$9,411.0	\$9,411.0
6 Land, BOY	Prior Ln. 10		\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
7 Additions of Land	Workpaper 1, Ln.14		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 Retirements of Land	Workpaper 1, Ln.15		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Adjustments to Land	Workpaper 1, Ln.16		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Land, EOY	Lns. (6 + 7 + 8 + 9) 2/	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
11 Depreciable Carrier Property in Service EOY	Ln. (5 - 10)	\$9,016.8	\$9,094.2	\$9,136.1	\$9,253.1	\$9,326.3	\$9,367.4	\$9,392.7	\$9,392.7
12 Depreciation Base - Calendar Year	Lns. ((11+Prior 11)/2.0-Prior 18)		\$973.5	\$1,089.6	\$1,193.9	\$1,277.9	\$1,322.4	\$1,341.9	\$1,327.3
13 Depreciation Factor	Workpaper 3, Ln. 2		3.4483%	3.5714%	3.7037%	3.8462%	4.0000%	4.1667%	4.3478%
14 Accumulated Depreciation, BOY	Prior Ln. 18		\$8,082.1	\$8,025.6	\$8,000.7	\$8,011.8	\$8,024.4	\$8,038.1	\$8,065.4
15 Depreciation Expense - Calendar Year	Lns. (12 * 13)		\$33.6	\$38.9	\$44.2	\$49.2	\$52.9	\$55.9	\$57.7
16 Depreciation - Retirements	Workpaper 1, Ln.17		(\$90.1)	(\$63.7)	(\$33.2)	(\$36.5)	(\$39.2)	(\$28.6)	\$0.0
17 Depreciation - Adjustments	Workpaper 1, Ln.18		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Accumulated Depreciation, EOY	Lns. (14 + 15 + 16 + 17) 3/	\$8,082.1	\$8,025.6	\$8,000.7	\$8,011.8	\$8,024.4	\$8,038.1	\$8,065.4	\$8,123.1
19 Net Depreciable Carrier Property in Service, EOY	Lns. (11 - 18)	\$934.7	\$1,068.7	\$1,135.4	\$1,241.3	\$1,301.9	\$1,329.2	\$1,327.3	\$1,269.6
For Forward-Looking Maximum Allowable Inter	rstate Rates							2021 - <u>2022</u>	2022 - <u>2023</u>

20 Depreciation Expense for Forward-Looking Rates Prior Ln. 19 * Ln. 13

\$57.7

\$55.4

Workpaper 4

Page 1 of 4

1/ 2015 amount based on Workpaper 2, Ln. 2

2/ 2015 amount based on Workpaper 2, Ln. 3

Workpaper 4

Page 2 of 4

TRANS ALASKA PIPELINE SYSTEM Carrier Property in Service and Depreciation (\$ millions)

Line	6	2022	2024	2025	2026	2027	2028	2020	2020
No. Description	Source	2023	<u>2024</u>	<u>2025</u>	2026	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1 Carrier Property in Service, BOY	Prior Ln. 5	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Additions to Carrier Property in Service	Workpaper 1, Ln.11	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3 Retirements of Carrier Property in Service	Workpaper 1, Ln.12	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4 Adjustments to Carrier Property in Service	Workpaper 1, Ln.13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
5 Carrier Property in Service, EOY	Lns. $(1 + 2 + 3 + 4) 1/$	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
6 Land, BOY	Prior Ln. 10	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
7 Additions of Land	Workpaper 1, Ln.14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 Retirements of Land	Workpaper 1, Ln.15	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Adjustments to Land	Workpaper 1, Ln.16	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Land, EOY	Lns. (6 + 7 + 8 + 9) 2/	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
11 Depreciable Carrier Property in Service EOY	Ln. (5 - 10)	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7
12 Depreciation Base - Calendar Year	Lns. ((11+Prior 11)/2.0-Prior 18)	\$1,269.6	\$1,211.9	\$1,154.2	\$1,096.4	\$1,038.7	\$981.0	\$923.3	\$865.6
13 Depreciation Factor	Workpaper 3, Ln. 2	4.5455%	4.7619%	5.0000%	5.2632%	5.5556%	5.8824%	6.2500%	6.6667%
14 Accumulated Depreciation, BOY	Prior Ln. 18	\$8,123.1	\$8,180.8	\$8,238.6	\$8,296.3	\$8,354.0	\$8,411.7	\$8,469.4	\$8,527.1
15 Depreciation Expense - Calendar Year	Lns. (12 * 13)	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
16 Depreciation - Retirements	Workpaper 1, Ln.17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Depreciation - Adjustments	Workpaper 1, Ln.18	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Accumulated Depreciation, EOY	Lns. (14 + 15 + 16 + 17) 3/	\$8,180.8	\$8,238.6	\$8,296.3	\$8,354.0	\$8,411.7	\$8,469.4	\$8,527.1	\$8,584.8
19 Net Depreciable Carrier Property in Service, EOY	Lns. (11 - 18)	\$1,211.9	\$1,154.2	\$1,096.4	\$1,038.7	\$981.0	\$923.3	\$865.6	\$807.9
For Forward-Looking Maximum Allowable Inte	erstate Rates	2023 - <u>2024</u>	2024 - <u>2025</u>	2025 - <u>2026</u>	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>
20 Depreciation Expense for Forward-Looking Rates	Prior Ln. 19 * Ln. 13	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7

1/ 2015 amount based on Workpaper 2, Ln. 2

2/ 2015 amount based on Workpaper 2, Ln. 3

Workpaper 4

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TRANS ALASKA PIPELINE SYSTEM Carrier Property in Service and Depreciation (\$ millions)

Line									
No. Description	Source	<u>2031</u>	2032	<u>2033</u>	<u>2034</u>	<u>2035</u>	<u>2036</u>	2037	<u>2038</u>
1 Carrier Property in Service, BOY	Prior Ln. 5	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Additions to Carrier Property in Service	Workpaper 1, Ln.11	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3 Retirements of Carrier Property in Service	Workpaper 1, Ln.12	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4 Adjustments to Carrier Property in Service	Workpaper 1, Ln.13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
5 Carrier Property in Service, EOY	Lns. $(1 + 2 + 3 + 4) 1/$	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
6 Land, BOY	Prior Ln. 10	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
7 Additions of Land	Workpaper 1, Ln.14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 Retirements of Land	Workpaper 1, Ln.15	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Adjustments to Land	Workpaper 1, Ln.16	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Land, EOY	Lns. (6 + 7 + 8 + 9) 2/	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
11 Depreciable Carrier Property in Service EOY	Ln. (5 - 10)	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7
12 Depreciation Base - Calendar Year	Lns. ((11+Prior 11)/2.0-Prior 18)	\$807.9	\$750.2	\$692.5	\$634.8	\$577.1	\$519.4	\$461.7	\$404.0
13 Depreciation Factor	Workpaper 3, Ln. 2	7.1429%	7.6923%	8.3333%	9.0909%	10.0000%	11.1111%	12.5000%	14.2857%
14 Accumulated Depreciation, BOY	Prior Ln. 18	\$8,584.8	\$8,642.5	\$8,700.2	\$8,757.9	\$8,815.6	\$8,873.3	\$8,931.0	\$8,988.8
15 Depreciation Expense - Calendar Year	Lns. (12 * 13)	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
16 Depreciation - Retirements	Workpaper 1, Ln.17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Depreciation - Adjustments	Workpaper 1, Ln.18	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Accumulated Depreciation, EOY	Lns. (14 + 15 + 16 + 17) 3/	\$8,642.5	\$8,700.2	\$8,757.9	\$8,815.6	\$8,873.3	\$8,931.0	\$8,988.8	\$9,046.5
19 Net Depreciable Carrier Property in Service, EOY	Lns. (11 - 18)	\$750.2	\$692.5	\$634.8	\$577.1	\$519.4	\$461.7	\$404.0	\$346.2
For Forward-Looking Maximum Allowable Inte	rstate Rates	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>	2034 - <u>2035</u>	2035 - <u>2036</u>	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>
20 Depreciation Expense for Forward-Looking Rates	Prior Ln. 19 * Ln. 13	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7

1/ 2015 amount based on Workpaper 2, Ln. 2

2/ 2015 amount based on Workpaper 2, Ln. 3

3/ 2015 amount based on Workpaper 2, Ln. 4

\$ mmons)

TRANS ALASKA PIPELINE SYSTEM Carrier Property in Service and Depreciation (\$ millions)

Workpaper 4 Page 4 of 4

Line	C	2020	2040	2041	2042	20.42	2014
No. Description	Source	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>	<u>2044</u>
1 Carrier Property in Service, BOY	Prior Ln. 5	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
2 Additions to Carrier Property in Service	Workpaper 1, Ln.11	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3 Retirements of Carrier Property in Service	Workpaper 1, Ln.12	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4 Adjustments to Carrier Property in Service	Workpaper 1, Ln.13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
5 Carrier Property in Service, EOY	Lns. $(1 + 2 + 3 + 4) 1/$	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0	\$9,411.0
6 Land, BOY	Prior Ln. 10	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
7 Additions of Land	Workpaper 1, Ln.14	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
8 Retirements of Land	Workpaper 1, Ln.15	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
9 Adjustments to Land	Workpaper 1, Ln.16	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10 Land, EOY	Lns. $(6 + 7 + 8 + 9) 2/$	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2	\$18.2
11 Depreciable Carrier Property in Service EOY	Ln. (5 - 10)	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7	\$9,392.7
12 Depreciation Base - Calendar Year	Lns. ((11+Prior 11)/2.0-Prior 18)	\$346.2	\$288.5	\$230.8	\$173.1	\$115.4	\$57.7
13 Depreciation Factor	Workpaper 3, Ln. 2	16.6667%	20.0000%	25.0000%	33.3333%	50.0000%	100.0000%
14 Accumulated Depreciation, BOY	Prior Ln. 18	\$9,046.5	\$9,104.2	\$9,161.9	\$9,219.6	\$9,277.3	\$9,335.0
15 Depreciation Expense - Calendar Year	Lns. (12 * 13)	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
16 Depreciation - Retirements	Workpaper 1, Ln.17	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
17 Depreciation - Adjustments	Workpaper 1, Ln.18	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18 Accumulated Depreciation, EOY	Lns. (14 + 15 + 16 + 17) 3/	\$9,104.2	\$9,161.9	\$9,219.6	\$9,277.3	\$9,335.0	\$9,392.7
19 Net Depreciable Carrier Property in Service, EOY	Lns. (11 - 18)	\$288.5	\$230.8	\$173.1	\$115.4	\$57.7	\$0.0
For Formered Looking Marianum, 411	watata Dataa	2039 -	2040 -	2041 -	2042 -	2043 -	2044 -
For Forward-Looking Maximum Allowable Inte	erstate Kates	<u>2040</u>	<u>2041</u>	2042	<u>2043</u>	<u>2044</u>	<u>2045</u>
20 Depreciation Expense for Forward-Looking Rates	Prior Ln. 19 * Ln. 13	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7

1/ 2015 amount based on Workpaper 2, Ln. 2

2/ 2015 amount based on Workpaper 2, Ln. 3

TRANS ALASKA PIPELINE SYSTEM ADIT

(\$ millions)

Line <u>No.</u> Description	Source	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
-										
1 Regulatory Depreciation	Workpaper 4, Ln. 15		\$33.6	\$38.9	\$44.2	\$49.2	\$52.9	\$55.9	\$57.7	\$57.7
2 Long Term Debt AFUDC Amortization	Statement 8, Ln. 8		\$2.3	\$2.6	\$2.8	\$3.1	\$3.2	\$3.3	\$3.3	\$3.3
3 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC	Lns. $(1 + 2)$		\$35.9	\$41.5	\$47.0	\$52.2	\$56.1	\$59.2	\$61.0	\$61.0
4 State Tax Depreciation	Workpaper 7, Ln. 32		\$93.6	\$100.6	\$106.4	\$112.1	\$112.8	\$110.0	\$102.8	\$92.6
5 State Tax Timing Difference	Lns. (4 - 3)		\$57.7	\$59.1	\$59.4	\$59.9	\$56.7	\$50.8	\$41.7	\$31.6
6 State Income Tax Rate	Workpaper 1, Ln.47		9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
7 Tax Effect of State Timing Difference	Lns. (5 * 6)		\$5.4	\$5.6	\$5.6	\$5.6	\$5.3	\$4.8	\$3.9	\$3.0
8 State ADIT	Lns. (7 + Prior 8) 1/	\$31.4	\$36.8	\$42.4	\$47.9	\$53.6	\$58.9	\$63.7	\$67.6	\$70.6
9 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC	Ln. 3		\$35.9	\$41.5	\$47.0	\$52.2	\$56.1	\$59.2	\$61.0	\$61.0
10 Federal Tax Depreciation	Workpaper 6, Ln.32		\$86.9	\$93.1	\$97.0	\$101.5	\$103.3	\$102.9	\$99.9	\$92.8
11 Tax Effect of State Timing Difference	Ln. 7		\$5.4	\$5.6	\$5.6	\$5.6	\$5.3	\$4.8	\$3.9	\$3.0
12 Federal Tax Timing Difference	Lns (10 - 9 - 11)		\$45.7	\$46.0	\$44.4	\$43.7	\$41.9	\$38.9	\$34.9	\$28.8
13 Federal Income Tax Rate	Workpaper 1, Ln. 48		35.00%	35.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
14 Tax Effect of Federal Timing Difference	Lns. (12 * 13)		\$16.0	\$16.1	\$9.3	\$9.2	\$8.8	\$8.2	\$7.3	\$6.0
15 Excess Tax Reserve Adjustment	Cum. Ln 12 * Change Ln 13		\$0.0	\$0.0	\$12.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 Depreciation Factor	Workpaper 3, Ln. 2		3.4483%	3.5714%	3.7037%	3.8462%	4.0000%	4.1667%	4.3478%	4.5455%
17 Amortization of Excess Tax Reserve	Lns. ((Prior 18 + (15 / 2.0)) * 16)		\$0.2	\$0.2	\$0.4	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
18 Net Excess Tax Reserve Balance	Prior Ln. 18 - Prior Ln. 17 2/	\$4.9	\$4.8	\$4.6	\$17.0	\$16.4	\$15.7	\$15.1	\$14.4	\$13.8
19 Federal ADIT	Lns. (Prior 19 + 14 - 17) 3/	\$127.5	\$143.3	\$159.3	\$168.2	\$176.7	\$184.8	\$192.4	\$199.0	\$204.4
20 Total State and Federal ADIT	Lns. (8 + 19)	\$158.9	\$180.1	\$201.6	\$216.1	\$230.3	\$243.8	\$256.0	\$266.6	\$275.0
								2021 -	2022 -	2023 -

For Forward-Looking Maximum Allowable Interstate Rate		2021	<u>2022</u>	<u>2023</u>
21 Amort. of Excess Tax Reserve for Forward-Looking Rate	Lns. (Prior 18 * 16)	\$0.7	\$0.7	\$0.7

2015 amount based on Workpaper 2, Ln. 10
 2015 amount based on Workpaper 2, Ln. 12

3/ 2015 amount based on Workpaper 2, Ln. 11

Workpaper 5 Page 1 of 4

TRANS ALASKA PIPELINE SYSTEM ADIT

(\$ millions)

Line										
No. Description	Source	2024	2025	2026	<u>2027</u>	2028	2029	2030	2031	2032
			*		A	*****	A577	A F F F	457 7	*
1 Regulatory Depreciation	Workpaper 4, Ln. 15	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
2 Long Term Debt AFUDC Amortization	Statement 8, Ln. 8	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
3 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC		\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0
4 State Tax Depreciation	Workpaper 7, Ln. 32	\$82.9	\$73.3	\$63.8	\$55.0	\$46.5	\$38.5	\$31.0	\$24.3	\$18.3
5 State Tax Timing Difference	Lns. (4 - 3)	\$21.8	\$12.3	\$2.8	(\$6.1)	(\$14.5)	(\$22.5)	(\$30.0)	(\$36.7)	(\$42.7)
6 State Income Tax Rate	Workpaper 1, Ln.47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
7 Tax Effect of State Timing Difference	Lns. (5 * 6)	\$2.1	\$1.2	\$0.3	(\$0.6)	(\$1.4)	(\$2.1)	(\$2.8)	(\$3.5)	(\$4.0)
8 State ADIT	Lns. (7 + Prior 8) 1/	\$72.6	\$73.8	\$74.0	\$73.5	\$72.1	\$70.0	\$67.2	\$63.7	\$59.7
	X 0	¢ (1,0)	¢(1.0	¢c1.0	¢ (1,0)	¢c1.0	¢c1.0	¢c1.0	¢ <1.0	¢ < 1 0
9 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC		\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0
10 Federal Tax Depreciation	Workpaper 6, Ln.32	\$85.5	\$80.1	\$74.9	\$68.1	\$61.1	\$55.3	\$47.0	\$36.2	\$27.7
11 Tax Effect of State Timing Difference	Ln. 7	\$2.1	\$1.2	\$0.3	(\$0.6)	(\$1.4)	(\$2.1)	(\$2.8)	(\$3.5)	(\$4.0)
12 Federal Tax Timing Difference	Lns (10 - 9 - 11)	\$22.4	\$17.9	\$13.6	\$7.7	\$1.4	(\$3.6)	(\$11.3)	(\$21.4)	(\$29.3)
13 Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
14 Tax Effect of Federal Timing Difference	Lns. (12 * 13)	\$4.7	\$3.8	\$2.8	\$1.6	\$0.3	(\$0.8)	(\$2.4)	(\$4.5)	(\$6.2)
15 Excess Tax Reserve Adjustment	Cum. Ln 12 * Change Ln 13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 Depreciation Factor	Workpaper 3, Ln. 2	4.7619%	5.0000%	5.2632%	5.5556%	5.8824%	6.2500%	6.6667%	7.1429%	7.6923%
17 Amortization of Excess Tax Reserve	Lns. ((Prior $18 + (15 / 2.0)) * 16$)	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
18 Net Excess Tax Reserve Balance	Prior Ln. 18 - Prior Ln. 17 2/	\$13.1	\$12.4	\$11.8	\$11.1	\$10.5	\$9.8	\$9.2	\$8.5	\$7.9
19 Federal ADIT	Lns. (Prior 19 + 14 - 17) 3/	\$208.5	\$211.6	\$213.7	\$214.7	\$214.3	\$212.9	\$209.9	\$204.8	\$197.9
20 Total State and Federal ADIT	Lns. (8 + 19)	\$281.1	\$285.3	\$287.8	\$288.2	\$286.4	\$282.9	\$277.1	\$268.5	\$257.6
		2024 -	2025 -	2026 -	2027 -	2028 -	2029 -	2030 -	2031 -	2032 -
For Forward-Looking Maximum Allowable Interstate	Rates	2025	<u>2026</u>	2027	<u>2028</u>	2029	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
21 Amort. of Excess Tax Reserve for Forward-Looking Rate	Lns. (Prior 18 * 16)	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7

2015 amount based on Workpaper 2, Ln. 10
 2015 amount based on Workpaper 2, Ln. 12

3/ 2015 amount based on Workpaper 2, Ln. 11

Workpaper 5 Page 2 of 4

TRANS ALASKA PIPELINE SYSTEM ADIT

(\$ millions)

Line										
No. Description	Source	2033	2034	2035	2036	2037	2038	2039	2040	2041
			* - - -	A577		457 7		A F F F	455 5	
1 Regulatory Depreciation	Workpaper 4, Ln. 15	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7	\$57.7
2 Long Term Debt AFUDC Amortization	Statement 8, Ln. 8	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3
3 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC		\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0
4 State Tax Depreciation	Workpaper 7, Ln. 32	\$12.8	\$8.5	\$5.3	\$2.8	\$1.2	\$0.3	\$0.0	\$0.0	\$0.0
5 State Tax Timing Difference	Lns. (4 - 3)	(\$48.2)	(\$52.5)	(\$55.7)	(\$58.3)	(\$59.8)	(\$60.7)	(\$61.0)	(\$61.0)	(\$61.0)
6 State Income Tax Rate	Workpaper 1, Ln.47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
7 Tax Effect of State Timing Difference	Lns. (5 * 6)	(\$4.5)	(\$4.9)	(\$5.2)	(\$5.5)	(\$5.6)	(\$5.7)	(\$5.7)	(\$5.7)	(\$5.7)
8 State ADIT	Lns. (7 + Prior 8) 1/	\$55.2	\$50.2	\$45.0	\$39.5	\$33.9	\$28.2	\$22.4	\$16.7	\$11.0
9 Regulatory Depreciation Incl. Amort. of LT Debt AFUDC	Ln. 3	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0	\$61.0
10 Federal Tax Depreciation	Workpaper 6, Ln.32	\$19.7	\$11.6	\$5.8	\$1.6	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11 Tax Effect of State Timing Difference	Ln. 7	(\$4.5)	(\$4.9)	(\$5.2)	(\$5.5)	(\$5.6)	(\$5.7)	(\$5.7)	(\$5.7)	(\$5.7)
12 Federal Tax Timing Difference	Lns (10 - 9 - 11)	(\$36.8)	(\$44.5)	(\$50.0)	(\$53.9)	(\$55.4)	(\$55.3)	(\$55.3)	(\$55.3)	(\$55.3)
13 Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
14 Tax Effect of Federal Timing Difference	Lns. (12 * 13)	(\$7.7)	(\$9.3)	(\$10.5)	(\$11.3)	(\$11.6)	(\$11.6)	(\$11.6)	(\$11.6)	(\$11.6)
15 Excess Tax Reserve Adjustment	Cum. Ln 12 * Change Ln 13	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 Depreciation Factor	Workpaper 3, Ln. 2	8.3333%	9.0909%	10.0000%	11.1111%	12.5000%	14.2857%	40.0 16.6667%	20.0000%	25.0000%
17 Amortization of Excess Tax Reserve	Lns. ((Prior $18 + (15 / 2.0)) * 16$)	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7
18 Net Excess Tax Reserve Balance	Prior Ln. 18 - Prior Ln. 17 2/	\$7.2	\$6.6	\$5.9	\$5.2	\$4.6	\$3.9	\$3.3	\$2.6	\$2.0
19 Federal ADIT	Lns. (Prior 19 + 14 - 17) 3/	\$189.6	\$179.6	\$168.4	\$156.4	\$144.1	\$131.9	\$119.6	\$107.3	\$95.1
20 Total State and Federal ADIT	Lns. (8 + 19)	\$244.7	\$229.8	\$213.4	\$195.9	\$178.0	\$160.0	\$142.0	\$124.0	\$106.0
		2033 -	2034 -	2035 -	2036 -	2037 -	2038 -	2039 -	2040 -	2041 -
For Forward-Looking Maximum Allowable Interstate	Rates	2034	2035	2036	2037	2038	2039	2040	2041	2042
21 Amort. of Excess Tax Reserve for Forward-Looking Rate	Lns. (Prior 18 * 16)	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7

2015 amount based on Workpaper 2, Ln. 10
 2015 amount based on Workpaper 2, Ln. 12

3/ 2015 amount based on Workpaper 2, Ln. 11

Workpaper 5 Page 3 of 4

TRANS ALASKA PIPELINE SYSTEM ADIT (\$ millions)

Workpaper 5 Page 4 of 4

Line					
<u>No.</u>	Description	Source	<u>2042</u>	<u>2043</u>	2044
1	Regulatory Depreciation	Workpaper 4, Ln. 15	\$57.7	\$57.7	\$57.7
2	Long Term Debt AFUDC Amortization	Statement 8, Ln. 8	\$3.3	\$3.3	\$3.3
3	Regulatory Depreciation Incl. Amort. of LT Debt AFUDC	Lns. $(1 + 2)$	\$61.0	\$61.0	\$61.0
4	State Tax Depreciation	Workpaper 7, Ln. 32	\$0.0	\$0.0	\$0.0
5	State Tax Timing Difference	Lns. (4 - 3)	(\$61.0)	(\$61.0)	(\$61.0)
6	State Income Tax Rate	Workpaper 1, Ln.47	9.40%	9.40%	9.40%
7	Tax Effect of State Timing Difference	Lns. (5 * 6)	(\$5.7)	(\$5.7)	(\$5.7)
8	State ADIT	Lns. (7 + Prior 8) 1/	\$5.2	(\$0.5)	(\$6.2)
9	Regulatory Depreciation Incl. Amort. of LT Debt AFUDC	Ln. 3	\$61.0	\$61.0	\$61.0
10	Federal Tax Depreciation	Workpaper 6, Ln.32	\$0.0	\$0.0	\$0.0
11	Tax Effect of State Timing Difference	Ln. 7	(\$5.7)	(\$5.7)	(\$5.7)
12	Federal Tax Timing Difference	Lns (10 - 9 - 11)	(\$55.3)	(\$55.3)	(\$55.3)
13	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%
14	Tax Effect of Federal Timing Difference	Lns. (12 * 13)	(\$11.6)	(\$11.6)	(\$11.6)
15	Excess Tax Reserve Adjustment	Cum. Ln 12 * Change Ln 13	\$0.0	\$0.0	\$0.0
16	Depreciation Factor	Workpaper 3, Ln. 2	33.3333%	50.0000%	100.0000%
17	Amortization of Excess Tax Reserve	Lns. ((Prior 18 + (15 / 2.0)) * 16)	\$0.7	\$0.7	\$0.7
18	Net Excess Tax Reserve Balance	Prior Ln. 18 - Prior Ln. 17 2/	\$1.3	\$0.7	\$0.0
19	Federal ADIT	Lns. (Prior 19 + 14 - 17) 3/	\$82.8	\$70.5	\$58.3
20	Total State and Federal ADIT	Lns. (8 + 19)	\$88.0	\$70.0	\$52.0
			2042 -	2043 -	2044 -
	For Forward-Looking Maximum Allowable Interstate I	Rates	<u>2043</u>	<u>2044</u>	2045
21	Amort. of Excess Tax Reserve for Forward-Looking Rate	Lns. (Prior 18 * 16)	\$0.7	\$0.7	\$0.7

1/ 2015 amount based on Workpaper 2, Ln. 10

2/ 2015 amount based on Workpaper 2, Ln. 12

Fede	TRANS ALASKA PIPELINE SYSTEM Federal Tax Depreciation (\$ millions)														
. .				Year	1	2	3	4	5	6	7	8	9	10	11
Line <u>No.</u>	Descripti	on			2016	2017	2018	2019	<u>2020</u>	2021	2022	2023	2024	2025	<u>2026</u>
1	Federal 7	Tax Dep. Factor (s	source: Workpa	aper 1, Ln. 50)	5.00%	9.50%	8.55%	7.70%	6.93%	6.23%	5.90%	5.90%	5.90%	5.90%	5.90%
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	Federal Tax Depreciation Base (c) (a) + (b)											
2	Pre-2016	i 1/			\$78.1	\$70.7	\$63.4	\$57.6	\$53.8	\$51.3	\$50.1	\$46.6	\$41.8	\$37.8	\$33.2
3	2016	\$166.3	\$10.9	\$177.1	\$8.9	\$16.8	\$15.1	\$13.6	\$12.3	\$11.0	\$10.5	\$10.5	\$10.5	\$10.5	\$10.5
4	2017	\$105.8	\$5.2	\$111.0		\$5.6	\$10.5	\$9.5	\$8.5	\$7.7	\$6.9	\$6.6	\$6.6	\$6.6	\$6.6
5 6	2018 2019	\$151.2 \$110.4		\$159.2 \$114.8			\$8.0	\$15.1 \$5.7	\$13.6 \$10.9	\$12.3 \$9.8	\$11.0 \$8.8	\$9.9 \$8.0	\$9.4 \$7.2	\$9.4 \$6.8	\$9.4 \$6.8
6 7	2019	\$110.4 \$81.3	\$4.5 \$2.8	\$114.8 \$84.0				\$5.7	\$10.9	\$9.8 \$8.0	\$8.8 \$7.2	\$8.0 \$6.5	\$7.2 \$5.8	\$6.8 \$5.2	\$6.8 \$5.0
8	2020	\$54.1	\$1.6	\$55.7					\$ 4 .2	\$2.8	\$5.3	\$0.5 \$4.8	\$3.8 \$4.3	\$3.9	\$3.5
9	2022	\$0.0	\$0.0	\$0.0						φ2.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10	2023	\$0.0	\$0.0	\$0.0							+ • • •	\$0.0	\$0.0	\$0.0	\$0.0
11	2024	\$0.0	\$0.0	\$0.0									\$0.0	\$0.0	\$0.0
12	2025	\$0.0	\$0.0	\$0.0										\$0.0	\$0.0
13	2026	\$0.0	\$0.0	\$0.0											\$0.0
14	2027	\$0.0	\$0.0	\$0.0											
15	2028	\$0.0	\$0.0	\$0.0											
16	2029	\$0.0	\$0.0	\$0.0											
17 18	2030 2031	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0											
19	2031	\$0.0	\$0.0 \$0.0	\$0.0											
20	2032	\$0.0	\$0.0	\$0.0											
21	2034	\$0.0	\$0.0	\$0.0											
22	2035	\$0.0	\$0.0	\$0.0											
23	2036	\$0.0	\$0.0	\$0.0											
24	2037	\$0.0	\$0.0	\$0.0											
25	2038	\$0.0	\$0.0	\$0.0											
26	2039	\$0.0	\$0.0	\$0.0											
27	2040	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0											
28 29	2041 2042	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0											
29 30	2042 2043	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0											
30	2043	\$0.0	\$0.0 \$0.0	\$0.0											
		Tax Depreciation	<i>4</i> 0.0	40.0	\$86.9	\$93.1	\$97.0	\$101.5	\$103.3	\$102.9	\$99.9	\$92.8	\$85.5	\$80.1	\$74.9

1/ Pre-2016 amounts based on Workpaper 2, Lns. 13 to 27

Fede	TRANS ALASKA PIPELINE SYSTEM Federal Tax Depreciation (\$ millions)														
T. San				Year	12	13	14	15	16	17	18	19	20	21	22
Line <u>No.</u>	Descript	ion			2027	2028	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	<u>2034</u>	2035	2036	<u>2037</u>
1	Federal 7	Fax Dep. Factor (source: Workpa	per 1, Ln. 50)	5.90%	5.90%	5.90%	5.90%	2.95%						
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	Federal Tax Depreciation Base (c) (a) + (b)											
2	Pre-2016	5.1/			\$26.7	\$19.6	\$13.8	\$5.5							
3	2016	\$166.3	\$10.9	\$177.1	\$10.5	\$10.5	\$10.5	\$10.5	\$5.2						
4	2017	\$105.8	\$5.2	\$111.0	\$6.6	\$6.6	\$6.6	\$6.6	\$6.6	\$3.3					
5	2018	\$151.2	\$8.0	\$159.2	\$9.4	\$9.4	\$9.4	\$9.4	\$9.4	\$9.4	\$4.7				
6	2019	\$110.4	\$4.5	\$114.8	\$6.8	\$6.8	\$6.8	\$6.8	\$6.8	\$6.8	\$6.8	\$3.4			
7	2020	\$81.3	\$2.8	\$84.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$5.0	\$2.5		
8	2021	\$54.1	\$1.6	\$55.7	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$3.3	\$1.6	
9	2022	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10	2023	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11	2024	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
12	2025	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
13	2026	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
14	2027	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	2028 2029	\$0.0 \$0.0		\$0.0 \$0.0		\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0
16 17	2029	\$0.0 \$0.0		\$0.0 \$0.0			\$0.0	\$0.0 \$0.0							
17	2030	\$0.0		\$0.0 \$0.0				\$0.0	\$0.0 \$0.0						
19	2031	\$0.0		\$0.0 \$0.0					\$0.0	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0	\$0.0	\$0.0 \$0.0
20	2032	\$0.0		\$0.0						φ0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20	2033	\$0.0		\$0.0							φ0.0	\$0.0	\$0.0	\$0.0	\$0.0
22	2035	\$0.0		\$0.0								4010	\$0.0	\$0.0	\$0.0
23	2036	\$0.0		\$0.0									+ • • •	\$0.0	\$0.0
24	2037	\$0.0		\$0.0											\$0.0
25	2038	\$0.0		\$0.0											
26	2039	\$0.0	\$0.0	\$0.0											
27	2040	\$0.0		\$0.0											
28	2041	\$0.0		\$0.0											
29	2042	\$0.0		\$0.0											
30	2043	\$0.0		\$0.0											
31	2044	\$0.0	\$0.0	\$0.0											
32	Federal 7	Tax Depreciation			\$68.1	\$61.1	\$55.3	\$47.0	\$36.2	\$27.7	\$19.7	\$11.6	\$5.8	\$1.6	\$0.0

1/ Pre-2016 amounts based on Workpaper 2, Lns. 13 to 27

Fede	TRANS ALASKA PIPELINE SYSTEM Workpaper 6 Federal Tax Depreciation (\$ millions)													
Line				Year	23	24	25	26	27	28	29			
	Descripti	on			2038	2039	2040	2041	2042	2043	2044			
1	Federal 7	Tax Dep. Factor (s	source: Workpa	per 1, Ln. 50)										
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	Federal Tax Depreciation Base (c) (a) + (b)										
2	Pre-2016	5.1/												
3	2016	\$166.3	\$10.9	\$177.1										
4	2017	\$105.8	\$5.2	\$111.0										
5	2018	\$151.2	\$8.0	\$159.2										
6	2019	\$110.4	\$4.5	\$114.8										
7	2020	\$81.3	\$2.8	\$84.0										
8	2021	\$54.1	\$1.6	\$55.7										
9 10	2022 2023	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0									
10	2023	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0								
11	2024	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0							
12	2025	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0						
14	2027	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0					
15	2028	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0				
16	2029	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
17	2030	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
18	2031	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
19	2032	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
20	2033	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
21	2034	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
22	2035	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
23	2036	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
24	2037	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
25	2038	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			
26 27	2039 2040	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0		\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0			
27	2040 2041	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0			ФО. О	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0			
28 29	2041	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0				<i>ф</i> 0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0			
30	2042	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0					φ0.0	\$0.0 \$0.0	\$0.0			
31	2043	\$0.0	\$0.0	\$0.0						40.0	\$0.0			
		Tax Depreciation			\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0			

1/ Pre-2016 amounts based on Workpaper 2, Lns. 13 to 27

State	NS ALASKA Tax Depreci illions)	A PIPELINE SYS	TEM										W	orkpaper 7
Line				Year	1	2	3	4	5	6	7	8	9	10
	Description				2016	2017	2018	2019	2020	2021	2022	2023	2024	<u>2025</u>
1	State Tax Dep	prec. Factor (sourc	e: Workpaper 1,	Ln. 49)	5.71%	10.78%	9.82%	9.21%	8.60%	7.98%	7.37%	6.75%	6.14%	5.53%
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	State Tax Depreciation Base (c) (a) + (b)										
2	Pre-2016 1/				\$83.5	\$75.2	\$68.0	\$61.1	\$54.5	\$48.2	\$42.3	\$36.7	\$31.3	\$26.0
3	2016	\$166.3	\$10.9	\$177.1	\$10.1	\$19.1	\$17.4	\$16.3	\$15.2	\$14.1	\$13.1	\$12.0	\$10.9	\$9.8
4	2017	\$105.8	\$5.2	\$111.0		\$6.3	\$12.0	\$10.9	\$10.2	\$9.5	\$8.9	\$8.2	\$7.5	\$6.8
5	2018	\$151.2	\$8.0	\$159.2			\$9.1	\$17.2	\$15.6	\$14.7	\$13.7	\$12.7	\$11.7	\$10.8
6	2019	\$110.4	\$4.5	\$114.8				\$6.6	\$12.4	\$11.3	\$10.6	\$9.9	\$9.2	\$8.5
7	2020	\$81.3	\$2.8	\$84.0					\$4.8	\$9.1	\$8.3	\$7.7	\$7.2	\$6.7
8	2021	\$54.1	\$1.6	\$55.7						\$3.2	\$6.0	\$5.5	\$5.1	\$4.8
9	2022	\$0.0	\$0.0	\$0.0							\$0.0	\$0.0	\$0.0	\$0.0
10	2023	\$0.0	\$0.0	\$0.0								\$0.0	\$0.0	\$0.0
11	2024	\$0.0	\$0.0	\$0.0									\$0.0	\$0.0
12	2025	\$0.0	\$0.0	\$0.0										\$0.0
13	2026	\$0.0	\$0.0	\$0.0										
14	2027	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0										
15 16	2028 2029	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0										
10	2029	\$0.0	\$0.0	\$0.0 \$0.0										
18	2030	\$0.0	\$0.0	\$0.0										
19	2031	\$0.0	\$0.0	\$0.0										
20	2033	\$0.0	\$0.0	\$0.0										
21	2034	\$0.0	\$0.0	\$0.0										
22	2035	\$0.0	\$0.0	\$0.0										
23	2036	\$0.0	\$0.0	\$0.0										
24	2037	\$0.0	\$0.0	\$0.0										
25	2038	\$0.0	\$0.0	\$0.0										
26	2039	\$0.0	\$0.0	\$0.0										
27	2040	\$0.0	\$0.0	\$0.0										
28	2041	\$0.0	\$0.0	\$0.0										
29	2042	\$0.0	\$0.0	\$0.0										
30	2043	\$0.0	\$0.0	\$0.0										
31	2044	\$0.0	\$0.0	\$0.0	\$02 C	¢100 c	¢105.4	¢112.1	¢112.0	¢110.0	¢102.0	\$0 2 (¢0 2 0	¢70.0
32	State Tax De	preciation			\$93.6	\$100.6	\$106.4	\$112.1	\$112.8	\$110.0	\$102.8	\$92.6	\$82.9	\$73.3

1/ Pre-2016 amounts based on Workpaper 2, Lns. 28 to 44

State	ANS ALASKA PIPELINE SYSTEM te Tax Depreciation nillions) Verr 11 12 13 14 15 16 17 18 19 20													
Line				Year	11	12	13	14	15	16	17	18	19	20
	Description				2026	2027	2028	2029	<u>2030</u>	<u>2031</u>	<u>2032</u>	2033	2034	<u>2035</u>
1	State Tax Dep	prec. Factor (source	ce: Workpaper 1,	Ln. 49)	4.91%	4.30%	3.68%	3.07%	2.46%	1.84%	1.23%	0.61%		
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	State Tax Depreciation Base (c) (a) + (b)										
2	Pre-2016 1/				\$20.8	\$16.3	\$12.1	\$8.4	\$5.2	\$2.9	\$1.1			
3	2016	\$166.3	\$10.9	\$177.1	\$8.7	\$7.6	\$6.5	\$5.4	\$4.4	\$3.3	\$2.2	\$1.1		
4	2017	\$105.8	\$5.2	\$111.0	\$6.1	\$5.5	\$4.8	\$4.1	\$3.4	\$2.7	\$2.0	\$1.4	\$0.7	
5	2018	\$151.2	\$8.0	\$159.2	\$9.8	\$8.8	\$7.8	\$6.8	\$5.9	\$4.9	\$3.9	\$2.9	\$2.0	\$1.0
6	2019	\$110.4	\$4.5	\$114.8	\$7.8	\$7.1	\$6.3	\$5.6	\$4.9	\$4.2	\$3.5	\$2.8	\$2.1	\$1.4
7	2020	\$81.3	\$2.8	\$84.0	\$6.2	\$5.7	\$5.2	\$4.6	\$4.1	\$3.6	\$3.1	\$2.6	\$2.1	\$1.5
8	2021	\$54.1	\$1.6	\$55.7	\$4.4	\$4.1	\$3.8	\$3.4	\$3.1	\$2.7	\$2.4	\$2.1	\$1.7	\$1.4
9	2022	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
10	2023	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11	2024	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
12	2025	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
13	2026	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
14	2027	\$0.0	\$0.0	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
15	2028	\$0.0	\$0.0	\$0.0			\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
16 17	2029	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0				\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0
17	2030 2031	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0					\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0
19	2031	\$0.0	\$0.0 \$0.0	\$0.0						\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0
20	2032	\$0.0	\$0.0	\$0.0							\$0.0	\$0.0	\$0.0	\$0.0 \$0.0
20	2033	\$0.0	\$0.0	\$0.0								φ0.0	\$0.0	\$0.0
22	2035	\$0.0	\$0.0	\$0.0									+ • • •	\$0.0
23	2036	\$0.0	\$0.0	\$0.0										+ + + + + + + + + + + + + + + + + + + +
24	2037	\$0.0	\$0.0	\$0.0										
25	2038	\$0.0	\$0.0	\$0.0										
26	2039	\$0.0	\$0.0	\$0.0										
27	2040	\$0.0	\$0.0	\$0.0										
28	2041	\$0.0	\$0.0	\$0.0										
29	2042	\$0.0	\$0.0	\$0.0										
30	2043	\$0.0	\$0.0	\$0.0										
31	2044	\$0.0	\$0.0	\$0.0										
32	State Tax Dep	preciation			\$63.8	\$55.0	\$46.5	\$38.5	\$31.0	\$24.3	\$18.3	\$12.8	\$8.5	\$5.3

1/ Pre-2016 amounts based on Workpaper 2, Lns. 28 to 44

Stat	RANS ALASKA PIPELINE SYSTEM Workpaper 7 ate Tax Depreciation millions)												
Line				Year	21	22	23	24	25	26	27	28	29
	Description				2036	2037	2038	2039	2040	2041	2042	<u>2043</u>	2044
1	State Tax Dep	prec. Factor (source	ce: Workpaper 1,	Ln. 49)									
	Year	Carrier Property Additions (a) Workpaper 4, Lns. (2 - 7)	LT Debt AFUDC Additions (b) Statement 7, Ln. 16	State Tax Depreciation Base (c) (a) + (b)									
2	Pre-2016 1/												
3	2016	\$166.3	\$10.9	\$177.1									
4	2017	\$105.8	\$5.2	\$111.0									
5	2018	\$151.2	\$8.0	\$159.2									
6	2019	\$110.4	\$4.5	\$114.8	\$0.7								
7	2020	\$81.3	\$2.8	\$84.0	\$1.0	\$0.5							
8	2021	\$54.1	\$1.6	\$55.7	\$1.0	\$0.7	\$0.3						
9	2022	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	* 0.0				
10	2023	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	#0.0			
11	2024	\$0.0 \$0.0	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0		
12 13	2025 2026	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0	
13	2028	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0
14	2027	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0 \$0.0	\$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0
16	2020	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0 \$0.0	\$0.0
17	2030	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
18	2031	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
19	2032	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20	2033	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
21	2034	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
22	2035	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
23	2036	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
24	2037	\$0.0	\$0.0	\$0.0		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
25	2038	\$0.0	\$0.0	\$0.0			\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
26	2039	\$0.0	\$0.0	\$0.0				\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
27	2040	\$0.0	\$0.0	\$0.0					\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
28	2041	\$0.0 \$0.0	\$0.0	\$0.0						\$0.0	\$0.0	\$0.0	\$0.0
29 30	2042	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0							\$0.0	\$0.0 \$0.0	\$0.0 \$0.0
30 31	2043 2044	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0								\$0.0	\$0.0 \$0.0
	2044 State Tax Dep		\$0.0	\$U.U	\$2.8	\$1.2	\$0.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0 \$0.0

1/ Pre-2016 amounts based on Workpaper 2, Lns. 28 to 44

TRANS ALASKA PIPELINE SYSTEM PBOP Earnings Credit (\$ Millions)

Workpaper 8 Page 1 of 3

Line No.	Description	Source	January 1, 2016		2017	2018	2019	2020	2021	2022	2023	2024
110.	Description	Bource	2010	2010	2017	2010	2017	2020	2021	2022	2023	2024
1	State Income Tax Rate	Workpaper 1, Ln. 47		9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
2	Federal Income Tax Rate	Workpaper 1, Ln. 48		35.00%	35.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
3	Combined Rate of Tax	Lns. $(1 + (2 * (1.0 - 1)))$		41.11%	41.11%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%
4	Income Tax Allowance Factor	Lns. (3 / (1.0 - 3))		69.81%	69.81%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%
5	Allowed Rate of Return	Per PBOP Settlement		6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
6	Inflation Rate	Workpaper 1, Ln. 37		1.26%	2.13%	2.44%	1.81%	1.23%	4.70%	0.00%	0.00%	0.00%
7	Adjusted Rate of Return	Ln. (5 + 6)		7.66%	8.53%	8.84%	8.21%	7.63%	11.10%	6.40%	6.40%	6.40%
8	Earnings Rate	Ln. 7 * (1.0 + Ln. 4)		13.01%	14.48%	12.35%	11.47%	10.66%	15.51%	8.94%	8.94%	8.94%
9	Annual PBOP Accrual	Workpaper 1, Ln. 27		\$1.100	(\$0.500)	(\$0.500)	(\$0.600)	\$0.200	\$2.300	\$0.000	\$0.000	\$0.000
10	Adjustments	Workpaper 1, Ln. 28		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
11	Cash Payouts	Workpaper 1, Ln. 29		(\$4.000)	(\$3.900)	(\$4.200)	(\$4.300)	(\$3.900)	(\$4.200)	\$0.000	\$0.000	\$0.000
12	Net PBOP Accrual	Ln. $(9 + 10 + 11)$		(\$2.900)	(\$4.400)	(\$4.700)	(\$4.900)	(\$3.700)	(\$1.900)	\$0.000	\$0.000	\$0.000
13	Net PBOP Accrual Used for the Initial Year	Ln. 16		(\$2.900)	(\$4.400)	(\$4.700)	(\$4.900)	(\$3.700)	(\$1.900)	\$0.000	\$0.000	\$0.000
14	Adjustment to True-Up the Net PBOP Accrual	Ln. (12 - 13)		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
15	Adjustment Brought Forward	Prior Ln. 14 + Prior Ln. 15 1/		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
16	Adjusted Net PBOP Accrual	Ln. (12 + 15)		(\$2.900)	(\$4.400)	(\$4.700)	(\$4.900)	(\$3.700)	(\$1.900)	\$0.000	\$0.000	\$0.000
17	Tax Effect of Net PBOP Accrual	Ln. (3 * 13)		(\$1.192)	(\$1.809)	(\$1.336)	(\$1.393)	(\$1.052)	(\$0.540)	\$0.000	\$0.000	\$0.000
18	Cumulative Net PBOP Accrual	Ln. 13 + Prior Ln. 18 2/	\$111.546	\$108.646	\$104.246	\$99.546	\$94.646	\$90.946	\$89.046	\$89.046	\$89.046	\$89.046
19	Cumulative Tax Effect of Net PBOP Accrual	Ln. 17 + Prior Ln. 19 3/	\$45.857	\$44.664	\$42.856	\$41.520	\$40.127	\$39.075	\$38.535	\$38.535	\$38.535	\$38.535
20	Earnings Base	Ln. (18 - 19)	\$65.689	\$63.982	\$61.390	\$58.026	\$54.519	\$51.871	\$50.511	\$50.511	\$50.511	\$50.511
21	Annual PBOP Earnings Credit	Ln. 8 * Prior Ln. 20		\$8.544	\$9.268	\$7.582	\$6.656	\$5.812	\$8.044	\$4.517	\$4.517	\$4.517

1/ Amounts for 2015 are brought forward to 2016 from Workpaper 2, Ln. 46

2/ 2015 Balance from Workpaper 2, Ln. 47

3/ 2015 Balance from Workpaper 2, Ln. 48

TRANS ALASKA PIPELINE SYSTEM PBOP Earnings Credit (\$ Millions)

Workpaper 8 Page 2 of 3

1 State Income Tax Rate Workpaper I, Ln. 47 9.40%	Line												
2 Federal Income Tax Rate Workpaper I, Ln. 48 21.00% 21	<u>No.</u>	Description	Source	2025	<u>2026</u>	2027	<u>2028</u>	<u>2029</u>	<u>2030</u>	2031	<u>2032</u>	<u>2033</u>	2034
2 Federal Income Tax Rate Workpaper I, Ln. 48 21.00% <td>1</td> <td>State Income Tax Rate</td> <td>Workpaper 1, Ln. 47</td> <td>9.40%</td>	1	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
3 Combined Rate of Tax Lns. (1 + (2 * (1.0 - 1))) 28.43%	2	Federal Income Tax Rate	1 1 '	21.00%	21.00%		21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
4 Income Tax Allowance Factor Lns. (3 / (1.0 - 3)) 39.72% 39.72	3	Combined Rate of Tax	11		28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%
6 Inflation Rate Workpaper 1, Ln. 37 0.00% 0	4	Income Tax Allowance Factor		39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%
7 Adjusted Rate of Return Ln. (5 + 6) 6.40%	5	Allowed Rate of Return	Per PBOP Settlement	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
8 Earnings Rate Ln. 7 * (1.0 + Ln. 4) 8.94% 8.	6	Inflation Rate	Workpaper 1, Ln. 37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
9 Annual PBOP Accrual Workpaper 1, Ln. 27 Workpaper 1, Ln. 28 Workpaper 1, Ln. 28 Workpaper 1, Ln. 29 Ln. (9 + 10 + 11) \$0.000 \$0.0	7	Adjusted Rate of Return	Ln. $(5+6)$	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
10 Adjustments Workpaper 1, Ln. 28 \$0.000 <td< td=""><td>8</td><td>Earnings Rate</td><td>Ln. 7 * (1.0 + Ln. 4)</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td><td>8.94%</td></td<>	8	Earnings Rate	Ln. 7 * (1.0 + Ln. 4)	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%
10 Adjustments Workpaper 1, Ln. 28 \$0.000 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>													
10 Adjustments Workpaper 1, Ln. 28 \$0.000 <td< td=""><td>9</td><td>Annual PBOP Accrual</td><td>Workpaper 1, Ln. 27</td><td>\$0,000</td><td>\$0.000</td><td>\$0.000</td><td>\$0.000</td><td>\$0,000</td><td>\$0,000</td><td>\$0.000</td><td>\$0.000</td><td>\$0,000</td><td>\$0.000</td></td<>	9	Annual PBOP Accrual	Workpaper 1, Ln. 27	\$0,000	\$0.000	\$0.000	\$0.000	\$0,000	\$0,000	\$0.000	\$0.000	\$0,000	\$0.000
11 Cash Payouts Workpaper 1, Ln. 29 \$0.000			11										\$0.000
12 Net PBOP Accrual Ln. $(9 + 10 + 11)$ \$0.000 \$0.000	11	5	11 '		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
14 Adjustment to True-Up the Net PBOP Accrual Ln. (12 - 13) \$0.000		5	11 '		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
14 Adjustment to True-Up the Net PBOP Accrual Ln. (12 - 13) \$0.000	12	Not PPOP A carual Used for the Initial Year	In 16	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0,000
15 Adjustment Brought Forward Prior Ln. 14 + Prior Ln. 15 1/ Ln. (12 + 15) \$0.000 \$0.													
16 Adjusted Net PBOP Accrual Ln. (12 + 15) \$0.000		5 1	(/										
17 Tax Effect of Net PBOP Accrual Ln. (3 * 13) \$0.000 \$0		, ,											\$0.000
18 Cumulative Net PBOP Accrual Ln. 13 + Prior Ln. 18 2/ \$89.046 \$89.0	10	Augusted Net I Dor Acciual	Lii: (12 + 13)	\$0.000	\$0.000	φ0.000	φ0.000	φ0.000	φ0.000	\$0.000	ψ0.000	φ0.000	\$0.000
19 Cumulative Tax Effect of Net PBOP Accrual Ln. 17 + Prior Ln. 19 3/ \$38.535 \$38.53	17	Tax Effect of Net PBOP Accrual	Ln. (3 * 13)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
19 Cumulative Tax Effect of Net PBOP Accrual Ln. 17 + Prior Ln. 19 3/ \$38.535 \$38.53	19	Cumulative Not PROP A cornel	In 12 Prior In 18 2/	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046	\$80.046
20 Earnings Base Ln. (18 - 19) \$50.511 \$50													
	- /					-	-	-	-				
21 Annual PROP Farnings Credit In 8 * Prior In 20 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517 \$4.517	20		Ln. (10 - 19)	φ30.311	φ50.511	ψ50.511	φ50.511	ψ50.511	φ50.511	φ50.511	φ50.511	φ50.511	ψ50.511
21 Annuali DOL Bannings Group LII. 0 ° FIIOLEII. 20 $94.31/94.91/94.9$	21	Annual PBOP Earnings Credit	Ln. 8 * Prior Ln. 20	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517	\$4.517

1/ Amounts for 2015 are brought forward to 2016 from Workpaper 2, Ln. 46

2/ 2015 Balance from Workpaper 2, Ln. 47

3/ 2015 Balance from Workpaper 2, Ln. 48

TRANS ALASKA PIPELINE SYSTEM **PBOP Earnings Credit** (\$ Millions)

Workpaper 8 Page 3 of 3

\$4.517 \$4.517 \$4.517 \$4.517

Line												
<u>No.</u>	Description	Source	<u>2035</u>	2036	2037	<u>2038</u>	<u>2039</u>	<u>2040</u>	<u>2041</u>	2042	<u>2043</u>	<u>2044</u>
1	State Income Tax Rate	Workpaper 1, Ln. 47	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
2	Federal Income Tax Rate	Workpaper 1, Ln. 48	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
3	Combined Rate of Tax	Lns. $(1 + (2 * (1.0 - 1)))$	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%	28.43%
4	Income Tax Allowance Factor	Lns. (3 / (1.0 - 3))	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%	39.72%
5	Allowed Rate of Return	Per PBOP Settlement	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
6	Inflation Rate	Workpaper 1, Ln. 37	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7	Adjusted Rate of Return	Ln. $(5+6)$	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%	6.40%
8	Earnings Rate	Ln. 7 * (1.0 + Ln. 4)	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%	8.94%
9	Annual PBOP Accrual	Workpaper 1, Ln. 27	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
10	Adjustments	Workpaper 1, Ln. 28	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
11	Cash Payouts	Workpaper 1, Ln. 29	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
12	Net PBOP Accrual	Ln. $(9 + 10 + 11)$	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
13	Net PBOP Accrual Used for the Initial Year	Ln. 16	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
14	Adjustment to True-Up the Net PBOP Accrual	Ln. (12 - 13)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
15	Adjustment Brought Forward	Prior Ln. 14 + Prior Ln. 15 1/	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
16	Adjusted Net PBOP Accrual	Ln. (12 + 15)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
17	Tax Effect of Net PBOP Accrual	Ln. (3 * 13)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
18	Cumulative Net PBOP Accrual	Ln. 13 + Prior Ln. 18 2/	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046	\$89.046
19	Cumulative Tax Effect of Net PBOP Accrual	Ln. 17 + Prior Ln. 19 3/	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535	\$38.535
20	Earnings Base	Ln. (18 - 19)	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511	\$50.511

\$4.517

\$4.517 \$4.517 \$4.517 \$4.517 \$4.517

21 Annual PBOP Earnings Credit

Ln. 8 * Prior Ln. 20

1/ Amounts for 2015 are brought forward to 2016 from Workpaper 2, Ln. 46

2/ 2015 Balance from Workpaper 2, Ln. 47

3/ 2015 Balance from Workpaper 2, Ln. 48

Am	TRANS ALASKA PIPELINE SYSTEMWorkpaperAmortization of Allowed Strategic Reconfiguration ("SR") Project CostsPage 1 of(\$ Millions)(\$ Millions)											
Lin <u>No</u>		Source	<u>2015</u>	2016	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>		
1	Net Allowed SR Project Costs BOY	Prior Ln. 4		\$253.3	\$244.5	\$235.8	\$227.1	\$218.3	\$209.6	\$200.9		
2	Amortization Factor	Workpaper 3, Ln. 2		3.4483%	3.5714%	3.7037%	3.8462%	4.0000%	4.1667%	4.3478%		
3	Annual Amortization	Lns. (1 * 2)		\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7		
4	Net Allowed SR Project Costs EOY	Lns. (1 - 3) 1/	\$253.3	\$244.5	\$235.8	\$227.1	\$218.3	\$209.6	\$200.9	\$192.1		
	For Forward-Looking Maximum All	lowable Interstate Rates							2021 - <u>2022</u>	2022 - <u>2023</u>		
5	Annual Amortization	Average Ln. 3							\$8.7	\$8.7		

Am	ANS ALASKA PIPELINE SYSTEM nortization of Allowed Strategic Recon Millions)	figuration ("SR") Project								orkpaper 9 Page 2 of 4
Lin <u>No</u>		Source	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>
1	Net Allowed SR Project Costs BOY	Prior Ln. 4	\$192.1	\$183.4	\$174.7	\$165.9	\$157.2	\$148.5	\$139.7	\$131.0
2	Amortization Factor	Workpaper 3, Ln. 2	4.5455%	4.7619%	5.0000%	5.2632%	5.5556%	5.8824%	6.2500%	6.6667%
3	Annual Amortization	Lns. (1 * 2)	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
4	Net Allowed SR Project Costs EOY	Lns. (1 - 3) 1/	\$183.4	\$174.7	\$165.9	\$157.2	\$148.5	\$139.7	\$131.0	\$122.3
	For Forward-Looking Maximum Al	lowable Interstate Rates	2023 - <u>2024</u>	2024 - <u>2025</u>	2025 - <u>2026</u>	2026 - <u>2027</u>	2027 - <u>2028</u>	2028 - <u>2029</u>	2029 - <u>2030</u>	2030 - <u>2031</u>
5	Annual Amortization	Average Ln. 3	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7

Am	ANS ALASKA PIPELINE SYSTEM nortization of Allowed Strategic Recon Millions)	nfiguration ("SR") Project							v	Vorkpaper 9 Page 3 of 4
Lin <u>No</u>		Source	2031	<u>2032</u>	<u>2033</u>	2034	<u>2035</u>	<u>2036</u>	2037	<u>2038</u>
1	Net Allowed SR Project Costs BOY	Prior Ln. 4	\$122.3	\$113.5	\$104.8	\$96.1	\$87.3	\$78.6	\$69.9	\$61.1
2	Amortization Factor	Workpaper 3, Ln. 2	7.1429%	7.6923%	8.3333%	9.0909%	10.0000%	11.1111%	12.5000%	14.2857%
3	Annual Amortization	Lns. (1 * 2)	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
4	Net Allowed SR Project Costs EOY	Lns. (1 - 3) 1/	\$113.5	\$104.8	\$96.1	\$87.3	\$78.6	\$69.9	\$61.1	\$52.4
	For Forward-Looking Maximum Al	llowable Interstate Rates	2031 - <u>2032</u>	2032 - <u>2033</u>	2033 - <u>2034</u>	2034 - <u>2035</u>	2035 - <u>2036</u>	2036 - <u>2037</u>	2037 - <u>2038</u>	2038 - <u>2039</u>
5	Annual Amortization	Average Ln. 3	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7

Am	ANS ALASKA PIPELINE SYSTEM ortization of Allowed Strategic Recon Millions)	figuration ("SR") Project					V	Vorkpaper 9 Page 4 of 4
Lin <u>No</u>		Source	<u>2039</u>	<u>2040</u>	<u>2041</u>	<u>2042</u>	<u>2043</u>	<u>2044</u>
1	Net Allowed SR Project Costs BOY	Prior Ln. 4	\$52.4	\$43.7	\$34.9	\$26.2	\$17.5	\$8.7
2	Amortization Factor	Workpaper 3, Ln. 2	16.6667%	20.0000%	25.0000%	33.3333%	50.0000%	100.0000%
3	Annual Amortization	Lns. (1 * 2)	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7
4	Net Allowed SR Project Costs EOY	Lns. (1 - 3) 1/	\$43.7	\$34.9	\$26.2	\$17.5	\$8.7	\$0.0
	For Forward-Looking Maximum All	owable Interstate Rates	2039 - <u>2040</u>	2040 - <u>2041</u>	2041 - <u>2042</u>	2042 - <u>2043</u>	2043 - <u>2044</u>	2044 - <u>2045</u>
5	Annual Amortization	Average Ln. 3	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7	\$8.7

Workpaper 10

TRANS ALASKA PIPELINE SYSTEM Deferred Return (\$ Millions)

Line <u>No.</u>	Description	Source	<u>2015</u>	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	<u>2020</u>	2021	<u>2022</u>	<u>2023</u>	2024 and Forward
1	Net Deferred Return BOY	Prior Ln. 4		\$173.4	\$151.7	\$130.1	\$108.4	\$86.7	\$65.0	\$43.4	\$21.7	\$0.0
2	Years Remaining for Amortization	Section II-19		8	7	6	5	4	3	2	1	-
3	Annual Amortization	Ln. (1 * 2)		\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$0.0
4	Net Deferred Return EOY	Ln. (1 - 3) [1/]	\$173.4	\$151.7	\$130.1	\$108.4	\$86.7	\$65.0	\$43.4	\$21.7	\$0.0	\$0.0
	For Forward-Looking Maximum Alle	owable Interstate Rates							2021 - <u>2022</u>	2022 - <u>2023</u>	2023 - <u>2024</u>	Subsequent <u>Periods</u>
5	Annual Amortization	Average Ln. 3							\$21.7	\$21.7	\$10.8	\$0

1/ 2015 EOY balance per Workpaper 2, Ln. 9.