

January 31, 2019

Ms. Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426 **Great Lakes Gas Transmission Company** 700 Louisiana Street, Suite 700 Houston, TX 77002-2700

John A. Roscher Director, Rates & Tariffs

tel832.320.5675emailJohn_Roscher@TransCanada.comwebwww.glgt.com/indexf.htm

Re: Great Lakes Gas Transmission Limited Partnership Semi-Annual Transporter's Use Report Docket No. RP19-___-

Dear Ms. Bose:

Great Lakes Gas Transmission Limited Partnership ("Great Lakes"), as required by Section 6.27 of the General Terms and Conditions of its FERC Gas Tariff, Third Revised Volume No. 1 ("Tariff"), hereby submits to the Federal Energy Regulatory Commission ("FERC" or "Commission") the supporting calculations, included in Appendix A, underlying Great Lakes' Transporter's Use Percentages applicable during the six-month period from July 1, 2018, through December 31, 2018.

Correspondence

The names, titles and mailing address of the persons to whom correspondence and communications concerning this filing should be directed are as follows:

Richard Bralow* Legal Counsel Great Lakes Gas Transmission Company 700 Louisiana Street, Suite 700 Houston, Texas 77002-2700 Tel. (832) 320-5177 richard_bralow@transcanada.com John A. Roscher Director, Rates & Tariffs David H. Brown * Manager, Tariffs Great Lakes Gas Transmission Company 700 Louisiana Street, Suite 700 Houston, Texas 77002-2700 Tel. (832) 320-5512 david_brown@transcanada.com

* Persons designated for official service pursuant to Rule 2010.

Certificate of Service

In accordance with Rule 2010 of the Commission's Rules of Practice and Procedure, 18 C.F.R Section 385.2010, a copy of this filing, together with all enclosures, is being served upon all jurisdictional customers and interested state regulatory agencies.

Pursuant to Sections 385.2005 and 385.2011, the undersigned has read this filing and knows its contents, and the contents are true as stated, to the best of his knowledge and belief. Additionally, the undersigned possesses full power and authority to sign such filing.

Any questions regarding this filing may be directed to David Brown at (832) 320-5512.

Respectfully submitted,

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP BY: GREAT LAKES GAS TRANSMISSION COMPANY, ITS OPERATOR

John a. Roscher

John A. Roscher Director, Rates & Tariffs

Enclosures

Appendix A

July 2018

PAGE 1

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF JULY 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES GREATER THAN 75 UP TO 150 MILES GREATER THAN 150 UP TO 225 MILES GREATER THAN 225 UP TO 300 MILES GREATER THAN 300 UP TO 375 MILES GREATER THAN 375 UP TO 450 MILES GREATER THAN 450 UP TO 525 MILES GREATER THAN 525 UP TO 600 MILES GREATER THAN 600 UP TO 675 MILES GREATER THAN 675 UP TO 750 MILES GREATER THAN 750 UP TO 825 MILES GREATER THAN 825 UP TO 900 MILES	0.34978% 0.55629% 0.76280% 0.96931% 1.17582% 1.38233% 1.58884% 1.79535% 2.00186% 2.20837% 2.41488% 2.62139%	0.34856% 0.55321% 0.75703% 0.96000% 1.16216% 1.36348% 1.56399% 1.76369% 1.96257% 2.16065% 2.35794% 2.55443%
GREATER THAN 900 UP TO 975 MILES	2.82798%	2.75020%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF JULY 2018

		FUEL & OTHER			
LINE		PROJECTED PERCENTAGE	PRIOR PERIOD CORRECTION	TOTAL	
NO.	DESCRIPTION	JULY '18	PERCENTAGE	(COL. 2 + COL. 3)	
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	
1	UP TO 75 MILES	0.15817% 1/	0.04834% 2/	0.20651%	
2	GREATER THAN 75 UP TO 150 MILES	0.31634%	0.09668%	0.41302%	
3	GREATER THAN 150 UP TO 225 MILES	0.47451%	0.14502%	0.61953%	
4	GREATER THAN 225 UP TO 300 MILES	0.63268%	0.19336%	0.82604%	
5	GREATER THAN 300 UP TO 375 MILES	0.79085%	0.24170%	1.03255%	
6	GREATER THAN 375 UP TO 450 MILES	0.94902%	0.29004%	1.23906%	
7	GREATER THAN 450 UP TO 525 MILES	1.10719%	0.33838%	1.44557%	
8	GREATER THAN 525 UP TO 600 MILES	1.26536%	0.38672%	1.65208%	
9	GREATER THAN 600 UP TO 675 MILES	1.42353%	0.43506%	1.85859%	
10	GREATER THAN 675 UP TO 750 MILES	1.58170%	0.48340%	2.06510%	
11	GREATER THAN 750 UP TO 825 MILES	1.73987%	0.53174%	2.27161%	
12	GREATER THAN 825 UP TO 900 MILES	1.89804%	0.58008%	2.47812%	
13	GREATER THAN 900 UP TO 975 MILES 3/	2.05627% 4/	0.62844% 5/	2.68471%	

	L & U	
PROJECTED	PRIOR PERIOD	
PERCENTAGE	CORRECTION	TOTAL
JULY '18	PERCENTAGE	(COL. 2 + COL. 3)
		<u> </u>

0.43080% 6/

-0.28753% 7/

0.14327%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

MAY 2018

LINE NO.	PARTICULARS	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4)	TRANSPORTER'S USE DTH PROVIDED	MAKE-UP FOR PRIOR PERIOD (MAR. '18)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4)	UNDER/ (OVER) RECOVERY (DTH) MAY 2018 (COL. 2 - COL. 5)	AVERAGE IMBALANCE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)
1	FUEL & OTHER	784,064	(105,391)	2,422,373	(2,527,764)	3,311,828	244,295
2	L&U	(112,461)	870,410	870,410	0	(112,461)	(124,141)
3	TOTAL	671,603	765,019	3,292,783_1	/(2,527,764)	3,199,367	120,154_4/

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4 244,295 / 505,349,724 = 0.04834%)
L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:
TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)

5	(124,141) / 43,175,591 =	-0.28753%
	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	0.04834% 12 0.58008%
9 10 11	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2) FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	33,177,781 192,458 16,045 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	0.04836% 3/ 0.58008% 0.62844%
	1/ SEE MAY 2018 REPORT, PAGE 3, COLUMN 6, LINE 3.	
	2/ FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE APPLICABLE TO UNIT 13 (PAGE 6, COL. 5, LINE 2)	244,295 85.3490%
	PROJECTED FUEL & OTHER FOR UNIT 13	208,503
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	<u>192,458</u> <u>16.045</u>
	3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES	

PHANTOM-MILES.

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (APRIL 2018) IMBALANCE PLUS CURRENT MONTH (MAY 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF MAY 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERCI DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	16,528,280	141,175,397	38.9382%	29.5269%	(43,790)	231,510	187,720
2	UNIT - 13	25,919,186	336,949,418	61.0618%	70.4731%	(68,671)	552,554	483,883
3	TOTAL	42,447,466	478,124,815	100.0000%	100.0000%	(112,461)	784,064	671,603

BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 61 AND 62, COL. 4.
 BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 61 AND 62, COL. 5.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF MAY 2018

		MILES			
LINE	DELIVERY POINTS	OF HAUL	75-MILE	DTU	
<u>NO</u>	(COL.1)	(COL. 2)	<u>UNITS</u> (COL. 3)	<u>DTH</u> (COL. 4)	DTH-UNITS (COL. 5)
		(001.1)	(001.0)	(001.1)	(001.0)
1	RATTLE RUN TO TRUMBLE ROAD INTERCONNECT		1	10,928	10,928
2	CAPAC TO ST. CLAIR	27.2	1	7,769	7,769
3	FARWELL TO CHIPPEWA	29.3	1	24,830	24,830
4	GOOSE CREEK TO FARWELL	58.6	1	8	8
5 6	THIEF RIVER FALLS DEWARD TO CHIPPEWA	74.3 92.2	1	9,517 11,505	9,517
7	DEWARD TO CHIPPEWA DEWARD TO MIDLAND	92.2	2	178,413	23,010 356,826
8	FORTUNE LAKE TO MANISTIQUE	110.0	2	5,124	10,248
9	CLEARBROOK	120.1	2	21,210	42,420
10	LAMMERS	135.9	2	45,000	90,000
11	SOLWAY	139.3	2	31,600	63,200
12	FARWELL TO MUTTONVILLE	144.6	2	2,147,647	4,295,294
13	FARWELL TO RATTLE RUN	144.6	2	1,562	3,124
14	FARWELL TO TRUMBLE ROAD INTERCONNECT	149.3	2	2,861	5,722
15	BEMIDJI	150.0	2	131,794	263,588
16	FARWELL TO BELLE RIVER	154.2	3	125,300	375,900
17	FARWELL TO ST. CLAIR	157.5	3	50,399	151,197
18	GOOSE CREEK TO RICHFIELD	158.0	3	821	2,463
19	CASS LAKE DEWARD TO RATTLE RUN	164.9 207.5	3	4,209	12,627
20 21	DEWARD TO RATILE RON DEWARD TO TRUMBLE ROAD INTERCONNECT	207.5	3	13,299 15,228	39,897 45,684
22	COHASSET	212.2	3	7,943	23,829
23	LITTLE BASS	212.8	3	9,940	29.820
24	GRAND RAPIDS NMU	220.2	3	68,586	205,758
25	BLACKBERRY	226.5	4	2,364	9,456
26	CARLTON	283.5	4	254,833	1,019,332
27	CLOQUET	283.5	4	264,874	1,059,496
28	DULUTH	299.3	4	300,981	1,203,924
29	SUPERIOR	307.5	5	496	2,480
30	FORTUNE LAKE TO FARWELL	328.0	5	14,748	73,740
31	SAULT STE. MARIE TCPL TO ST. CLAIR	356.6	5	31,994	159,970
32	ASHLAND	362.5	5	52,294	261,470
33	IRONWOOD	398.1	6	15,676	94,056
34	MARENISCO	423.0	6	11,966	71,796
35 36	DUCK CREEK WATERSMEET	450.5 450.5	7 7	93 5,007	651 35,049
30	FORTUNE LAKE TO BELLE RIVER MILLS	450.5	7	10,000	70,000
38	FORTUNE LAKE	487.7	7	1,874,103	13,118,721
39	SAGOLA	506.6	7	129,000	903,000
40	RAPID RIVER	562.0	8	539,686	4,317,488
41	MANISTIQUE	597.7	8	93,307	746,456
42	ENGADINE	633.9	9	19,080	171,720
43	ST. IGNACE	679.1	10	6,401	64,010
44	RUDYARD	687.9	10	40,200	402,000
45	SAULT SAINT MARIE MICHCON	702.0	10	86,200	862,000
46	PELLSTON	702.2	10	5,000	50,000
47	SAULT SAINT MARIE TCPL	705.0	10	1,826,589	18,265,890
48	ALPINE	736.9	10	641,141	6,411,410
49 50	GAYLORD	739.3	10 11	44,965	449,650
50 51	DEWARD FARWELL	752.8 815.7	11	2,159,745 563,750	23,757,195 6,201,250
52	CHIPPEWA	845.0	12	3,856,465	46,277,580
53	MIDLAND	846.1	12	751,829	9,021,948
54	MUTTONVILLE	960.3	13	291,694	3,792,022
55	RATTLE RUN	960.3	13	888,279	11,547,627
56	TRUMBLE ROAD INTERCONNECT	965.0	13	464,195	6,034,535
57	BELLE RIVER MILLS	969.9	13	1,582,302	20,569,926
58	CHINA TOWNSHIP	971.1	13	175,000	2,275,000
59	ST. CLAIR	973.2	13	22,517,716	292,730,308
60	TOTAL SYSTEM			42,447,466	478,124,815
61		UNITS 1 - 12		16,528,280	141,175,397
62		UNIT 13	1/	25,919,186	336,949,418

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF JULY 2018

LINE		PROJECTED	PROJECTED	PERCE	NTAGE	PROJECTED TRAN	SPORTER'S USE	TOTAL
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)
1	UNITS - 1 THROUGH 12	9,997,810	74,038,571	23.1562%	14.6510%	43,070	117,110	160,180
2	UNIT - 13	33,177,781	431,311,153	76.8438%	85.3490%	142,930	682,225	825,155
3	TOTAL	43,175,591	505,349,724	100.0000%	100.0000%	186,000	799,335	985,335
	DETERMINATION OF AVERAGE TOTAL FUEL & OTHER REQUIRE				HROUGH 12:			
4	799,335 /	505,349,724 =		0.15817%				
	DETERMINATION OF L & U PERC TOTAL L & U (COL. 6, LINE 3)/TO		INITS 1 -13:					
5	186,000 /	43,175,591 =		0.43080%				
	DETERMINATION OF FUEL & OT	HER PERCENTAGE APPLIC	ABLE TO UNIT 13:					
	TOTAL FUEL & OTHER PERCEN	TAGE						
6	APPLICABLE TO UNITS 1 THROU	JGH 12 (LINE 4)		0.15817%				
7	UNITS OF HAUL			12				
8	FUEL & OTHER PERCENTAGE T UNIT 12 (LINE 6 X LINE 7)	HROUGH		1.89804%				
9	VOLUME TRANSPORTED BEYON FUEL & OTHER COLLECTED TH			33,177,781				
10	(LINE 8 X LINE 9)			629,728				
11	REMAINING FUEL & OTHER TO E	BE COLLECTED IN UNIT 13		52,497 3	5/			
12	PERCENT FOR UNIT 13 (LINE 11	/ LINE 9)		0.15823% 4	./			
13	FUEL & OTHER PERCENT THRO			1.89804%				
14	FUEL & OTHER PERCENT FOR L	JNIT 13 (LINE 12 +13)		<u>2.05627%</u>				
	1/ BASED ON VOLUMETRIC DATA 2/ BASED ON VOLUMETRIC DATA							
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLECT			682,225				
	OF HAUL (LINE 10 ABOVE REMAINING FUEL & OTHER TO E	Ξ)		<u>629,728</u> <u>52,497</u>				
	4/ RECOGNIZING PHANTOM-MILES PER OPINION NO. 51.	S RELATED TO EXCHANGE	GAS VOLUMES					

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF JULY 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	CLOW	0.7	1	2,511	2,511
2	THIEF RIVER FALLS	74.3	1	12,028	12,028
3	BEMIDJI	150.0	2	77,562	155,124
4	CASS LAKE	164.9	3	868	2,604
5	FARWELL TO ST. CLAIR	157.5	3	3,386,874	10,160,622
6	DEER RIVER	204.1	3	961	2,883
7	COHASSETT	212.7	3	3,100	9,300
8	GRAND RAPIDS	220.2	3	20,956	62,868
9	FLOODWOOD	253.8	4	248	992
10	CLOQUET	283.5	4	228,315	913,260
11	CARLTON	283.5	4	860,808	3,443,232
12	SUPERIOR	307.5	5	208,971	1,044,855
13	ASHLAND	362.5	5	11,067	55,335
14	IRONWOOD	397.1	6	4,619	27,714
15	WATERSMEET	450.4	6	9,238	55,428
16	SAGOLA	506.6	7	60,481	423,367
17	RAPID RIVER	562.0	8	326,988	2,615,904
18	MANISTIQUE	597.7	8	41,478	331,824
19	ENGADINE	633.9	9	8,432	75,888
20	ST. IGNACE	679.1	10	5,177	51,770
21	RUDYARD	688.0	10	9,021	90,210
22	SAULT ST MARIE	702.0	10	21,204	212,040
23	PELLSTON	702.2	10	713	7,130
24	SAULT ST MARIE	704.9	10	1,023,713	10,237,130
25	GAYLORD	739.3	10	12,586	125,860
26	CHIPPEWA	844.7	12	2,468,747	29,624,964
27	MIDLAND	846.1	12	1,191,144	14,293,728
28	BAUMAN	959.9	13	317,502	4,127,526
29	MUTTONVILLE	960.3	13	1,084,318	14,096,134
30	BELLE RIVER	969.9	13	973,896	12,660,648
31	ST. CLAIR	973.2	13	30,802,065	400,426,845
32	TOTAL SYSTEM		=	43,175,591	505,349,724
33		UNITS 1 - 12	2	9,997,810	74,038,571
34		UNIT 13	1/	33,177,781	431,311,153

1/ NO EXCHANGE GAS VOLUMES PROJECTED TO BE UTILIZED UNDER RATE SCHEDULE X-1. THEREFORE NO PHANTOM MILES RECOGNIZED.

August 2018

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF AUGUST 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES GREATER THAN 75 UP TO 150 MILES	0.32676% 0.53520%	0.32570% 0.53235%
GREATER THAN 150 UP TO 225 MILES	0.74364%	0.73815%
GREATER THAN 225 UP TO 300 MILES	0.95208%	0.94310%
GREATER THAN 300 UP TO 375 MILES GREATER THAN 375 UP TO 450 MILES	1.16052% 1.36896%	1.14721% 1.35047%
GREATER THAN 450 UP TO 525 MILES	1.57740%	1.55290%
GREATER THAN 525 UP TO 600 MILES	1.78584%	1.75451%
GREATER THAN 600 UP TO 675 MILES GREATER THAN 675 UP TO 750 MILES	1.99428% 2.20272%	1.95529% 2.15525%
GREATER THAN 750 UP TO 825 MILES	2.41116%	2.35439%
GREATER THAN 825 UP TO 900 MILES GREATER THAN 900 UP TO 975 MILES	2.61960% 2.82807%	2.55273% 2.75029%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF AUGUST 2018

			FUEL & OTHER	
		PROJECTED	PRIOR PERIOD	70741
LINE		PERCENTAGE	CORRECTION	TOTAL
NO.	DESCRIPTION	AUGUST '18	PERCENTAGE	(COL. 2 + COL. 3)
	(001 1)	(00) 0)	(22) 3)	(22) ()
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)
1	UP TO 75 MILES	0.20403% 1/	0.00441% 2/	0.20844%
2	GREATER THAN 75 UP TO 150 MILES	0.40806%	0.00882%	0.41688%
3	GREATER THAN 150 UP TO 225 MILES	0.61209%	0.01323%	0.62532%
4	GREATER THAN 225 UP TO 300 MILES	0.81612%	0.01764%	0.83376%
5	GREATER THAN 300 UP TO 375 MILES	1.02015%	0.02205%	1.04220%
6	GREATER THAN 375 UP TO 450 MILES	1.22418%	0.02646%	1.25064%
7	GREATER THAN 450 UP TO 525 MILES	1.42821%	0.03087%	1.45908%
8	GREATER THAN 525 UP TO 600 MILES	1.63224%	0.03528%	1.66752%
9	GREATER THAN 600 UP TO 675 MILES	1.83627%	0.03969%	1.87596%
10	GREATER THAN 675 UP TO 750 MILES	2.04030%	0.04410%	2.08440%
11	GREATER THAN 750 UP TO 825 MILES	2.24433%	0.04851%	2.29284%
12	GREATER THAN 825 UP TO 900 MILES	2.44836%	0.05292%	2.50128%
13	GREATER THAN 900 UP TO 975 MILES 3/	2.65242% 4/	0.05733% 5/	2.70975%

	L&U	
PROJECTED	PRIOR PERIOD	
PERCENTAGE	CORRECTION	TOTAL
AUGUST '18	PERCENTAGE	(COL. 2 + COL. 3)

0.40744% 6/

-0.28912% 7/

0.11832%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

JUNE 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4) (COL. 2)	TRANSPORTER'S USE DTH PROVIDED (COL. 3)	MAKE-UP FOR PRIOR PERIOD (APR. '18) (COL. 4)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4) (COL. 5)	UNDER/ (OVER) RECOVERY (DTH) JUNE 2018 (COL. 2 - COL. 5) (COL. 6)	AVERAGE IMBALANCE (COL. 7)
1	FUEL & OTHER	582,784	1,033,268	(2,823,239)	3,856,507	(3,273,723)	19,053
2	L & U	(125,117)	(135,821)	(135,821)	0	(125,117)	(118,789)
3	TOTAL	457,667	897,447	(2,959,060) 1/	3,856,507	(3,398,840)	(99,736) 4/

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4	19,053 / 432,016,561 =	0.00441%
	L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:	
	TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)	
5	(118,789) / 41,086,223 =	-0.28912%

	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	0.00441% 12 0.05292%
9 10 11	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2) FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	23,772,350 12,580 1,049 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	0.00441% 3/ 0.05292% 0.05733%
	 SEE JUNE 2018 REPORT, PAGE 3, COLUMN 6, LINE 3. FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE APPLICABLE TO UNIT 13 (PAGE 6, COL. 5, LINE 2) PROJECTED FUEL & OTHER FOR UNIT 13 	19,053 <u>71.5344%</u> 13.629
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	12,580 1,049
	3/ AD ILISTED PER OPINION NO 51 TO ACCOUNT FOR	

3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES.

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (MAY 2018) IMBALANCE PLUS CURRENT MONTH (JUNE 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF JUNE 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERC DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	14,651,513	121,309,640	36.6826%	26.9531%	(45,896)	157,078	111,182
2	UNIT - 13	25,289,839	328,767,907	63.3174%	73.0469%	(79,221)	425,706	346,485
3	TOTAL 1/ BASED ON VOLUMETRIC	39,941,352	450,077,547	100.0000%	100.0000%	(125,117)	582,784	457,667

2/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 48 AND 49, COL. 4.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF JUNE 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF <u>HAUL</u> (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	FARWELL TO CHIPPEWA	29.3	1	11,396	11,396
2	GOOSE CREEK TO FARWELL	58.6	1	834	834
3	THIEF RIVER FALLS	74.3	1	7,260	7,260
4	CLEARBROOK	120.1	2	18,570	37,140
5	LAMMERS	135.9	2	60,700	121,400
6	SOLWAY	139.3	2	36,090	72,180
7	FARWELL TO MUTTONVILLE	144.6	2	1,689,892	3,379,784
8	BEMIDJI	150.0	2	8,400	16,800
9	FARWELL TO ST. CLAIR	157.5	3	2,241	6,723
10	CASS LAKE	164.9	3	2,760	8,280
11	DEWARD TO MUTTONVILLE	207.5	3	21,159	63,477
12	DEWARD TO TRUMBLE ROAD INTERCONNECT	212.2	3	1,111	3,333
13	COHASSET	212.8	3	3,900	11,700
14	LITTLE BASS	212.8	3	5,958	17,874
15	GRAND RAPIDS NMU	220.2	3	71,475	214,425
16	BLACKBERRY	226.4	4	60	240
17	CARLTON	283.5	4	1,094,944	4,379,776
18	CLOQUET	283.5	4	316,074	1,264,296
19	DULUTH	299.3	4	165,130	660,520
20	SUPERIOR	307.5	5	23,736	118,680
21	SAULT STE. MARIE TCPL TO ST. CLAIR	356.6	5	1,994	9,970
22	ASHLAND	362.5	5	13,350	66,750
23	IRONWOOD	398.1	6	13,320	79,920
24	MARENISCO	423.0	6	5,910	35,460
25	WATERSMEET	450.5	7	2,649	18,543
26	FORTUNE LAKE	487.7	7	2,491,792	17,442,544
27	SAGOLA	506.6	7	120,000	840,000
28	RAPID RIVER	562.0	8	479,000	3,832,000
29	MANISTIQUE	597.7	8	94,699	757,592
30	ENGADINE	633.9	9	12,495	112,455
31	ST. IGNACE	679.1	10	3,297	32,970
32	RUDYARD	687.9	10	15,000	150,000
33	PELLSTON	702.2	10	3,000	30,000
34	SAULT SAINT MARIE MICHCON	703.0	10	72,000	720,000
35	SAULT SAINT MARIE TCPL	705.0	10	1,641,237	16,412,370
36	ALPINE	736.9	10	377,587	3,775,870
37	DEWARD	752.8	11	2,339,056	25,729,616
38	FARWELL	815.7	11	213,782	2,351,602
39	CHIPPEWA	845.0	12	1,259,655	15,115,860
40	MIDLAND	846.1	12	1,950,000	23,400,000
41	MUTTONVILLE	960.3	13	648,961	8,436,493
42	RATTLE RUN	960.3	13	863,279	11,222,627
43	TRUMBLE ROAD INTERCONNECT	965.0	13	401,155	5,215,015
44	BELLE RIVER MILLS	969.9	13	1,241,741	16,142,633
45	CHINA TOWNSHIP	971.1	13	385,000	5,005,000
46	ST. CLAIR	973.2	13	21,749,703	282,746,139
47	TOTAL SYSTEM		-	39,941,352	450,077,547
48		UNITS 1 - 12		14,651,513	121,309,640
49		UNIT 13	1/	25,289,839	328,767,907

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF AUGUST 2018

LINE		PROJECTED	PROJECTED	PERCE	NTAGE	PROJECTED TRAN	SPORTER'S USE	TOTAL
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)
1	UNITS - 1 THROUGH 12	17,313,873	122,976,011	42.1403%	28.4656%	70,543	250,911	321,454
2	UNIT - 13	23,772,350	309,040,550	57.8597%	71.5344%	96,857	630,543	727,400
3	TOTAL	41,086,223	432,016,561	100.0000%	100.0000%	167,400	881,454	1,048,854
	DETERMINATION OF AVERAGE TOTAL FUEL & OTHER REQUIRE				HROUGH 12:			
4	881,454 /	432,016,561 =		0.20403%				
	DETERMINATION OF L & U PER(TOTAL L & U (COL. 6, LINE 3)/TO		<u>NITS 1 -13:</u>					
5	167,400 /	41,086,223 =		0.40744%				
	DETERMINATION OF FUEL & OT	HER PERCENTAGE APPLIC	ABLE TO UNIT 13:					
	TOTAL FUEL & OTHER PERCEN							
6	APPLICABLE TO UNITS 1 THROU	JGH 12 (LINE 4)		0.20403%				
7	UNITS OF HAUL FUEL & OTHER PERCENTAGE T			12				
8	UNIT 12 (LINE 6 X LINE 7)	nicoogn		2.44836%				
9	VOLUME TRANSPORTED BEYO FUEL & OTHER COLLECTED TH			23,772,350				
10	(LINE 8 X LINE 9)	ROUGH FIRST 12 UNITS OF	HAUL	582.033				
11	REMAINING FUEL & OTHER TO	BE COLLECTED IN UNIT 13		48,510 3	8/			
12	PERCENT FOR UNIT 13 (LINE 11	/ LINE 9)		0.20406% 4	/			
13	FUEL & OTHER PERCENT THRC	()		<u>2.44836%</u>				
14	FUEL & OTHER PERCENT FOR U	UNIT 13 (LINE 12 +13)		<u>2.65242%</u>				
	 BASED ON VOLUMETRIC DATA BASED ON VOLUMETRIC DATA 							
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLECT			630,543				
	OF HAUL (LINE 10 ABOVE REMAINING FUEL & OTHER TO I	Ξ)		<u>582,033</u> <u>48,510</u>				
	4/ RECOGNIZING PHANTOM-MILES PER OPINION NO. 51.	S RELATED TO EXCHANGE (GAS VOLUMES					

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF AUGUST 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	THIEF RIVER FALLS	74.3	1	17,670	17,670
2	BEMIDJI	150.0	2	98,270	196,540
3	CASS LAKE	164.9	3	1,116	3,348
4	FARWELL TO ST. CLAIR	157.5	3	6,965,143	20,895,429
5	DEER RIVER	204.1	3	1,209	3,627
6	COHASSETT	212.7	3	4,712	14,136
7	GRAND RAPIDS	220.2	3	111,538	334,614
8	FLOODWOOD	253.8	4	310	1,240
9	CLOQUET	283.5	4	272,366	1,089,464
10	CARLTON	283.5	4	1,228,499	4,913,996
11	SUPERIOR	307.5	5	263,345	1,316,725
12	ASHLAND	362.5	5	21,049	105,245
13	IRONWOOD	397.1	6	7,347	44,082
14	WATERSMEET	450.4	6	14,074	84,444
15	SAGOLA	506.6	7	116,188	813,316
16	RAPID RIVER	562.0	8	419,864	3,358,912
17	MANISTIQUE	597.7	8	33,852	270,816
18	ENGADINE	633.9	9	10,633	95,697
19	ST. IGNACE	679.1	10	7,657	76,570
20	RUDYARD	688.0	10	11,501	115,010
21	PELLSTON	702.2	10	775	7,750
22	SAULT ST MARIE	703.0	10	25,761	257,610
23	SAULT ST MARIE	705.0	10	1,568,755	15,687,550
24	PETOSKY	728.4	10	1,116	11,160
25	GAYLORD	739.3	10	36,208	362,080
26	CHIPPEWA	844.7	12	4,591,379	55,096,548
27	MIDLAND	846.1	12	1,483,536	17,802,432
28	BAUMAN	959.9	13	402,845	5,236,985
29	MUTTONVILLE	960.3	13	2,018,751	26,243,763
30	BELLE RIVER	969.9	13	735,785	9,565,205
31	ST. CLAIR	973.2	13	20,614,969	267,994,597
32	TOTAL SYSTEM		_	41,086,223	432,016,561
33		UNITS 1 - 12		17,313,873	122,976,011
34		UNIT 13	1/	23,772,350	309,040,550

1/ NO EXCHANGE GAS VOLUMES PROJECTED TO BE UTILIZED UNDER SCHEDULE X-1. THEREFORE NO PHANTOM MILES RECOGNIZED.

September 2018

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF SEPTEMBER 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES	0.25289%	0.25225%
GREATER THAN 75 UP TO 150 MILES	0.38024%	0.37880%
GREATER THAN 150 UP TO 225 MILES	0.50759%	0.50503%
GREATER THAN 225 UP TO 300 MILES	0.63494%	0.63093%
GREATER THAN 300 UP TO 375 MILES	0.76229%	0.75652%
GREATER THAN 375 UP TO 450 MILES	0.88964%	0.88180%
GREATER THAN 450 UP TO 525 MILES	1.01699%	1.00675%
GREATER THAN 525 UP TO 600 MILES	1.14434%	1.13139%
GREATER THAN 600 UP TO 675 MILES	1.27169%	1.25572%
GREATER THAN 675 UP TO 750 MILES	1.39904%	1.37974%
GREATER THAN 675 UP TO 750 MILES	1.52639%	1.50344%
GREATER THAN 825 UP TO 900 MILES	1.65374%	1.62684%
GREATER THAN 900 UP TO 975 MILES	1.78116%	1.74999%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF SEPTEMBER 2018

			FUEL & OTHER	
–		PROJECTED	PRIOR PERIOD	
LINE		PERCENTAGE	CORRECTION	TOTAL
NO.	DESCRIPTION	SEPTEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)
1	UP TO 75 MILES	0.17653% 1/	-0.04918% 2/	0.12735%
2	GREATER THAN 75 UP TO 150 MILES	0.35306%	-0.09836%	0.25470%
3	GREATER THAN 150 UP TO 225 MILES	0.52959%	-0.14754%	0.38205%
4	GREATER THAN 225 UP TO 300 MILES	0.70612%	-0.19672%	0.50940%
5	GREATER THAN 300 UP TO 375 MILES	0.88265%	-0.24590%	0.63675%
6	GREATER THAN 375 UP TO 450 MILES	1.05918%	-0.29508%	0.76410%
7	GREATER THAN 450 UP TO 525 MILES	1.23571%	-0.34426%	0.89145%
8	GREATER THAN 525 UP TO 600 MILES	1.41224%	-0.39344%	1.01880%
9	GREATER THAN 600 UP TO 675 MILES	1.58877%	-0.44262%	1.14615%
10	GREATER THAN 675 UP TO 750 MILES	1.76530%	-0.49180%	1.27350%
11	GREATER THAN 750 UP TO 825 MILES	1.94183%	-0.54098%	1.40085%
12	GREATER THAN 825 UP TO 900 MILES	2.11836%	-0.59016%	1.52820%
13	GREATER THAN 900 UP TO 975 MILES 3/	2.29492% 4/	-0.63930% 5/	1.65562%

		L & U	
	PROJECTED	PRIOR PERIOD	
	PERCENTAGE	CORRECTION	TOTAL
	SEPTEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)
—			

0.18350% 6/

-0.05796% 7/

0.12554%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

JULY 2018

LINE NO.	PARTICULARS	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4)	TRANSPORTER'S USE DTH PROVIDED	MAKE-UP FOR PRIOR PERIOD (MAY '18)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4)	UNDER/ (OVER) RECOVERY (DTH) JULY 2018 (COL. 2 - COL. 5)	AVERAGE IMBALANCE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)
1	FUEL & OTHER	733,051	1,188,078	3,311,828	(2,123,750)	2,856,801	(208,461)
2	L & U	77,742	(112,461)	(112,461)	0	77,742	(23,688)
3	TOTAL	810,793	1,075,617	3,199,367_1/	(2,123,750)	2,934,543	(232,149)_4/

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4	(208,461) /	423,899,250 =	-0.04918%

L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:

	TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)	
5	(23,688) / 40,872,030 =	-0.05796%
	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	-0.04918% 12 -0.59016%
-		
9	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2) FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL	25,787,640
10 11	(LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	(152,188) (12,673) 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	-0.04914% 3/ -0.59016% -0.63930%
	1/ SEE JULY 2018 REPORT, PAGE 3, COLUMN 6, LINE 3.	
	2/ FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE	(208,461)
	A PROJECTED 75-MILE FOEL UNIT PERCENTAGE APPLICABLE TO UNIT 13 (PAGE 6, COL. 5, LINE 2) PROJECTED FUEL & OTHER FOR UNIT 13	<u>79.0847%</u> (164,861)
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE) REMAINING FUEL & OTHER TO BE COLLECTED IN	(152,188)
	UNIT 13	(12,673)

3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES.

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (JUNE 2018) IMBALANCE PLUS CURRENT MONTH (JULY 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF JULY 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERCI DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	13,561,429	105,558,205	31.3922%	21.5048%	24,405	157,641	182,046
2	UNIT - 13	29,638,571	385,301,423	68.6078%	78.4952%	53,337	575,410	628,747
3	TOTAL	43,200,000	490,859,628	100.0000%	100.0000%	77,742	733,051	810,793
	1/ BASED ON VOLUMETRIC	DATA CONTAIN	IED ON PAGE 5, LII	NES 50 AND 51,	COL. 4.			

2/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 50 AND 51, COL. 4.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF JULY 2018

LINE		MILES OF	75-MILE		
NO	DELIVERY POINTS	HAUL	UNITS	DTH	DTH-UNITS
	(COL.1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
1	WILDERNESS MC TO DEWARD MC	2.9	1	102,759	102,759
2	CAPAC TO BELLE RIVER	23.9	1	17,946	17,946
3	CAPAC TO ST. CLAIR	27.2	1	1,994	1,994
4	GOOSE CREEK TO FARWELL	58.6	1	899	899
5	THIEF RIVER FALLS	74.3	1	6,169	6,169
6	WILDERNESS TO CHIPPEWA	95.0	2	130,641	261,282
7	CLEARBROOK	120.1	2	9,730	19,460
8	LAMMERS	135.9	2	103,614	207,228
9	SOLWAY	139.3	2	36,150	72,300
10	FARWELL TO MUTTONVILLE	144.6	2	2,105,834	4,211,668
11	BEMIDJI	150.0	2	9,145	18,290
12	CASS LAKE	164.9	3	1,829	5,487
13	DEWARD TO MUTTONVILLE	207.5	3	2,656	7,968
14	COHASSET	212.8	3	3,720	11,160
15	LITTLE BASS	212.8	3	10,416	31,248
16	GRAND RAPIDS NMU	220.2	3	25,792	77,376
17 18	BLACKBERRY	226.5	4 4	31 897.041	124
10	CARLTON	283.5 283.5	4	,	3,588,164
20	CLOQUET DULUTH	203.5 299.3	4	220,632 163,983	882,528 655,932
20 21	SUPERIOR	299.3 307.5	4 5	7,908	39,540
22	FORTUNE LAKE TO FARWELL	328.0	5	5,545	27,725
23	ASHLAND	362.5	5	13.795	68,975
24	IRONWOOD	398.1	6	13,764	82,584
25	MARENISCO	423.0	6	12,245	73,470
26	WATERSMEET	450.5	7	1,468	10,276
27	FORTUNE LAKE	487.7	7	2,243,429	15,704,003
28	SAGOLA	506.6	7	124,000	868,000
29	RAPID RIVER	562.0	8	429,000	3,432,000
30	MANISTIQUE	597.7	8	91,521	732,168
31	ENGADINE	633.9	9	10,489	94,401
32	ST. IGNACE	679.1	10	2,122	21,220
33	RUDYARD	687.9	10	15,500	155,000
34	PELLSTON	702.2	10	3,100	31,000
35	SAULT SAINT MARIE MICHCON	703.0	10	74,400	744,000
36	SAULT SAINT MARIE TCPL	705.0	10	1,903,457	19,034,570
37	ALPINE	736.9	10	723,476	7,234,760
38	GAYLORD	739.3	10	6,000	60,000
39	DEWARD	752.8	11	1,127,378	12,401,158
40 41	FARWELL	815.7 845.0	11	258,839	2,847,229 7,536,144
41	CHIPPEWA MIDLAND	846.1	12 12	628,012 2,015,000	24,180,000
42 43	MUTTONVILLE	960.3	12	855,744	11,124,672
43 44	RATTLE RUN	960.3	13	911,856	11,854,128
45	TRUMBLE ROAD INTERCONNECT	965.0	13	307,810	4,001,530
46	BELLE RIVER MILLS	969.9	13	717,845	9,331,985
47	CHINA TOWNSHIP	971.1	13	566,850	7,369,050
48	ST. CLAIR	973.2	13	26,278,466	341,620,058
49	TOTAL SYSTEM		=	43,200,000	490,859,628
50		UNITS 1 - 12		13,561,429	105,558,205
51		UNIT 13 1/	,	29,638,571	385,301,423

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF SEPTEMBER 2018

LINE		PROJECTED	PROJECTED	PERCE	NTAGE	PROJECTED TRAN	NSPORTER'S USE	TOTAL
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)
1	UNITS - 1 THROUGH 12	15,084,390	88,659,930	36.9064%	20.9153%	27,680	156,514	184,194
2	UNIT - 13	25,787,640	335,239,320	63.0936%	79.0847%	47,320	591,806	639,126
3	TOTAL	40,872,030	423,899,250	100.0000%	100.0000%	75,000	748,320	823,320
	DETERMINATION OF AVERAGE TOTAL FUEL & OTHER REQUIR				HROUGH 12:			
4	748,320 /	423,899,250 =		0.17653%				
	0 <u>DETERMINATION OF L & U PER</u> TOTAL L & U (COL. 6, LINE 3)/TC		JNITS 1 -13:					
5	75,000 /	40,872,030 =		0.18350%				
	DETERMINATION OF FUEL & OT	THER PERCENTAGE APPLIC	ABLE TO UNIT 13:					
6 7	TOTAL FUEL & OTHER PERCEN APPLICABLE TO UNITS 1 THRO UNITS OF HAUL			0.17653% 12				
8	FUEL & OTHER PERCENTAGE 1 UNIT 12 (LINE 6 X LINE 7)	THROUGH		2.11836%				
9	VOLUME TRANSPORTED BEYO FUEL & OTHER COLLECTED TH			25,787,640				
10 11	(LINE 8 X LINE 9) REMAINING FUEL & OTHER TO		TIAOL	546,275 45,531 3	3/			
12 13	PERCENT FOR UNIT 13 (LINE 11 FUEL & OTHER PERCENT THRC			0.17656% 4 2.11836%	./			
13	FUEL & OTHER PERCENT FOR	()		2.29492%				
	1/ BASED ON VOLUMETRIC DATA 2/ BASED ON VOLUMETRIC DATA							
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLEC	TED THROUGH FIRST 12 UN		591,806				
	OF HAUL (LINE 10 ABOV REMAINING FUEL & OTHER TO			<u>546,275</u> <u>45,531</u>				
	4/ RECOGNIZING PHANTOM-MILE PER OPINION NO. 51.	S RELATED TO EXCHANGE	GAS VOLUMES					

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF SEPTEMBER 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
	(COL.1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
1	THIEF RIVER FALLS	74.3	1	20.850	20,850
2	BEMIDJI	150.0	2	116,070	232,140
3	CASS LAKE	164.9	3	1,380	4,140
4	FARWELL TO ST. CLAIR	157.5	3	6,806,370	20,419,110
5	DEER RIVER	204.1	3	1,650	4,950
6	COHASSETT	212.7	3	4,920	14,760
7	GRAND RAPIDS	220.2	3	125,820	377,460
8	FLOODWOOD	253.8	4	420	1,680
9	CLOQUET	283.5	4	253,140	1,012,560
10	CARLTON	283.5	4	2,354,910	9,419,640
11	SUPERIOR	307.5	5	272,100	1,360,500
12	ASHLAND	362.5	5	14,880	74,400
13	IRONWOOD	397.1	6	8,190	49,140
14	WATERSMEET	450.4	6	15,600	93,600
15	SAGOLA	506.6	7	73,830	516,810
16	RAPID RIVER	562.0	8	430,620	3,444,960
17	MANISTIQUE	597.7	8	33,870	270,960
18	ENGADINE	633.9	9	11,190	100,710
19	ST. IGNACE	679.1	10	7,590	75,900
20	RUDYARD	688.0	10	10,620	106,200
21	SAULT ST MARIE	702.0	10	28,800	288,000
22	PELLSTON	702.2	10	1,020	10,200
23	SAULT ST MARIE	704.9	10	1,503,870	15,038,700
24	PETOSKY	728.4	10	750	7,500
25	GAYLORD	739.3	10	58,050	580,500
26	CHIPPEWA	844.7	12	2,181,690	26,180,280
27	MIDLAND	846.1	12	746,190	8,954,280
28	BAUMAN	959.9	13	374,640	4,870,320
29	MUTTONVILLE	960.3	13	2,764,020	35,932,260
30	BELLE RIVER	969.9	13	687,660	8,939,580
31	ST. CLAIR	973.2	13	21,961,320	285,497,160
32	TOTAL SYSTEM			40,872,030	423,899,250
33		UNITS 1 - 12		15,084,390	88,659,930
34		UNIT 13 1/		25,787,640	335,239,320
07				20,707,040	000,200,020

1/ RECOGNIZING PHANTOM MILES RELATED TO EXCHANGE GAS VOLUMES UNDER RATE SCHEDULE X-1

October 2018

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF OCTOBER 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES	0.23786%	0.23730%
GREATER THAN 75 UP TO 150 MILES	0.32354%	0.32250%
GREATER THAN 150 UP TO 225 MILES	0.40922%	0.40755%
GREATER THAN 225 UP TO 300 MILES	0.49490%	0.49246%
GREATER THAN 300 UP TO 375 MILES	0.58058%	0.57723%
GREATER THAN 375 UP TO 450 MILES	0.66626%	0.66185%
GREATER THAN 450 UP TO 525 MILES	0.75194%	0.74633%
GREATER THAN 525 UP TO 600 MILES	0.83762%	0.83066%
GREATER THAN 600 UP TO 675 MILES	0.92330%	0.91485%
GREATER THAN 675 UP TO 750 MILES	1.00898%	0.99890%
GREATER THAN 750 UP TO 825 MILES	1.09466%	1.08281%
GREATER THAN 825 UP TO 900 MILES	1.18034%	1.16657%
GREATER THAN 900 UP TO 975 MILES	1.26604%	1.25021%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF OCTOBER 2018

			FUEL & OTHER	
		PROJECTED	PRIOR PERIOD	TOTAL
LINE		PERCENTAGE	CORRECTION	TOTAL
NO.	DESCRIPTION	OCTOBER '18	PERCENTAGE	(COL. 2 + COL. 3)
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)
1	UP TO 75 MILES	0.20040% 1/	-0.11472% 2/	0.08568%
2	GREATER THAN 75 UP TO 150 MILES	0.40080%	-0.22944%	0.17136%
3	GREATER THAN 150 UP TO 225 MILES	0.60120%	-0.34416%	0.25704%
-				
4	GREATER THAN 225 UP TO 300 MILES	0.80160%	-0.45888%	0.34272%
5	GREATER THAN 300 UP TO 375 MILES	1.00200%	-0.57360%	0.42840%
6	GREATER THAN 375 UP TO 450 MILES	1.20240%	-0.68832%	0.51408%
7	GREATER THAN 450 UP TO 525 MILES	1.40280%	-0.80304%	0.59976%
8	GREATER THAN 525 UP TO 600 MILES	1.60320%	-0.91776%	0.68544%
9	GREATER THAN 600 UP TO 675 MILES	1.80360%	-1.03248%	0.77112%
10	GREATER THAN 675 UP TO 750 MILES	2.00400%	-1.14720%	0.85680%
11	GREATER THAN 750 UP TO 825 MILES	2.20440%	-1.26192%	0.94248%
12	GREATER THAN 825 UP TO 900 MILES	2.40480%	-1.37664%	1.02816%
13	GREATER THAN 900 UP TO 975 MILES 3/	2.60516% 4/	-1.49130% 5/	1.11386%

		L & U	
F	ROJECTED	PRIOR PERIOD	
P	ERCENTAGE	CORRECTION	TOTAL
C	CTOBER '18	PERCENTAGE	(COL. 2 + COL. 3)

0.15631% 6/

-0.00413% 7/

0.15218%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

AUGUST 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4) (COL. 2)	TRANSPORTER'S USE DTH PROVIDED (COL. 3)	MAKE-UP FOR PRIOR PERIOD (JUNE '18) (COL. 4)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4) (COL. 5)	UNDER/ (OVER) RECOVERY (DTH) AUGUST 2018 (COL. 2 - COL. 5) (COL. 6)	AVERAGE IMBALANCE (COL. 7)
1	FUEL & OTHER	716,677	1,177,989	(3,273,723)	4,451,712	(3,735,035)	(439,117)
2	L & U	(80,852)	(125,117)	(125,117)	0	(80,852)	(1,555)
3	TOTAL	635,825	1,052,872	(3,398,840) 1/	4,451,712	(3,815,887)	(440,672) 4/

-0.11472%

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4 (439,117) / 382,787,597 =

L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:

	TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)	
5	(1,555) / 37,682,484 =	-0.00413%
	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	-0.11472% 12 -1.37664%
9	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2)	21,547,728
10 11	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	(296,635) (24,707) 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	-0.11466% 3/ -1.37664% -1.49130%
	1/ SEE AUGUST 2018 REPORT, PAGE 3, COLUMN 6, LINE 3.	
	2/ FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE	(439,117)
	APPLICABLE TO UNIT 13 (PAGE 6, COL. 5, LINE 2) PROJECTED FUEL & OTHER FOR UNIT 13	<u>73.1791%</u> (321,342)
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE)	(296,635)
	REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	(24,707)

3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES.

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (JULY 2018) IMBALANCE PLUS CURRENT MONTH (AUGUST 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF AUGUST 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERCI DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	13,718,731	93,895,100	31.5726%	19.5444%	(25,527)	140,070	114,543
2	UNIT - 13	29,732,686	386,524,918	68.4274%	80.4556%	(55,325)	576,607	521,282
3	TOTAL	43,451,417	480,420,018	100.0000%	100.0000%	(80,852)	716,677	635,825
	TOTAL	- , - ,	, -,			(80,852)	716,677	

2/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 50 AND 51, COL. 5.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF AUGUST 2018

LINE		MILES OF	75-MILE		
<u>NO</u>	DELIVERY POINTS	HAUL		DTH	DTH-UNITS
	(COL.1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
1	BELLE RIVER TO ST. CLAIR	3.3	1	156,173	156,173
2	FARWELL TO MIDLAND	30.4	1	24,316	24,316
3	GOOSE CREEK TO FARWELL	58.6	1	793	793
4	THIEF RIVER FALLS	74.3	1	7,750	7,750
5	CLEARBROOK	120.1	2	5,743	11,486
6	LAMMERS	135.9	2	78,000	156.000
7	SOLWAY	139.3	2	32,500	65,000
8	FARWELL TO MUTTONVILLE	144.6	2	3,792,627	7,585,254
9	BEMIDJI	150.0	2	8,773	17,546
10	FARWELL TO ST. CLAIR	157.5	3	258,073	774.219
11	CASS LAKE	164.9	3	1,984	5,952
12	DEWARD TO MUTTONVILLE	207.5	3	40,899	122,697
13	COHASSET	207.3	3	3,250	9,750
14	LITTLE BASS	212.8	3	5,958	17,874
15	GRAND RAPIDS NMU	212.0	3	17,365	52,095
16	BLACKBERRY	226.5	4	31	124
17	CARLTON	283.5	4	653,775	2,615,100
18	CLOQUET	283.5	4	279,059	1,116,236
19	DULUTH	299.3	4	157,108	628,432
20	SUPERIOR	307.5	5	61,318	306,590
20	FORTUNE LAKE TO FARWELL	328.0	5	22,130	110,650
22	SAULT STE. MARIE TCPL TO ST. CLAIR	356.6	5	1,979	9,895
23	ASHLAND	362.5	5	13,795	68,975
23	IRONWOOD	398.1	6	13,764	82,584
24	MARENISCO	423.0	6	6,107	36,642
26	WATERSMEET	423.0	7	1,886	13,202
20 27	FORTUNE LAKE	430.3	7	1,620,882	11,346,174
28	SAGOLA	506.6	7	118,000	826,000
20 29	RAPID RIVER	562.0	8	410,001	3,280,008
30	MANISTIQUE	597.7	8	89,022	712,176
30	ENGADINE	633.9	9	11,392	102,528
32	ST. IGNACE	679.1	10	2,536	25,360
33	RUDYARD	687.9	10	15,500	155,000
33 34	PELLSTON	702.2	10	3,100	31,000
35	SAULT SAINT MARIE MICHCON	702.2	10	71,600	716,000
36	SAULT SAINT MARIE TCPL	705.0	10	1,791,384	17,913,840
37	ALPINE	736.9	10	481,002	4,810,020
38	GAYLORD	739.3	10	2,000	20,000
39	DEWARD	752.8	10	1,082,044	11,902,484
40	FARWELL	815.7	11	442,169	4,863,859
41	CHIPPEWA	845.0	12	24,592	295,104
42	MIDLAND	846.1	12	1,908,351	22,900,212
43	MUTTONVILLE	960.3	13	852,737	11,085,581
44	RATTLE RUN	960.3	13	966,949	12,570,337
45	TRUMBLE ROAD INTERCONNECT	965.0	13	319,070	4,147,910
46	BELLE RIVER MILLS	969.9	13	262,064	3,406,832
47	CHINA TOWNSHIP	971.1	13	330,480	4,296,240
48	ST. CLAIR	973.2	13	27,001,386	351,018,018
-+0		913.Z	13	21,001,000	331,010,010
49	TOTAL SYSTEM		=	43,451,417	480,420,018
50		UNITS 1 - 12		13,718,731	93,895,100
51		UNIT 13 1,	/	29,732,686	386,524,918

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF OCTOBER 2018

LINE		PROJECTED	PROJECTED	PERCENTAGE		PROJECTED TRANSPORTER'S USE		TOTAL	
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE	
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)	
1	UNITS - 1 THROUGH 12	16,134,756	102,667,133	42.8177%	26.8209%	25,220	205,742	230,962	
2	UNIT - 13	21,547,728	280,120,464	57.1823%	73.1791%	33,680	561,353	595,033	
3	TOTAL	37,682,484	382,787,597	100.0000%	100.0000%	58,900	767,095	825,995	
	DETERMINATION OF AVERAGE FUEL & OTHER PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12: TOTAL FUEL & OTHER REQUIREMENTS (COL. 7, LINE 3)/TOTAL DTH UNITS (COL. 3, LINE 3)								
4	767,095 /	382,787,597 =		0.20040%					
	DETERMINATION OF L & U PERC TOTAL L & U (COL. 6, LINE 3)/TO		INITS 1 -13:						
5	58,900 /	37,682,484 =		0.15631%					
	DETERMINATION OF FUEL & OT	HER PERCENTAGE APPLIC	ABLE TO UNIT 13:						
	TOTAL FUEL & OTHER PERCEN	TAGE							
6	APPLICABLE TO UNITS 1 THROU			0.20040%					
7	UNITS OF HAUL FUEL & OTHER PERCENTAGE TI			12					
8	UNIT 12 (LINE 6 X LINE 7)	nkough		2.40480%					
9	VOLUME TRANSPORTED BEYON FUEL & OTHER COLLECTED THE			21,547,728					
10	(LINE 8 X LINE 9)		-	518,180					
11	REMAINING FUEL & OTHER TO E	BE COLLECTED IN UNIT 13		43,173 3	8/				
12	PERCENT FOR UNIT 13 (LINE 11	/ LINE 9)		0.20036% 4	/				
13	FUEL & OTHER PERCENT THRO	(,		2.40480%					
14	FUEL & OTHER PERCENT FOR L	JNIT 13 (LINE 12 +13)		<u>2.60516%</u>					
	1/ BASED ON VOLUMETRIC DATA (2/ BASED ON VOLUMETRIC DATA (
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLECT			561,353					
	OF HAUL (LINE 10 ABOVE REMAINING FUEL & OTHER TO E			<u>518,180</u> <u>43,173</u>					
	4/ RECOGNIZING PHANTOM-MILES PER OPINION NO. 51.	S RELATED TO EXCHANGE (GAS VOLUMES						

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF OCTOBER 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	THIEF RIVER FALLS	74.3	1	44,051	44,051
2	BEMIDJI	150.0	2	151,900	303,800
3	CASS LAKE	164.9	3	4,898	14,694
4	FARWELL TO ST. CLAIR	157.5	3	5,724,212	17,172,636
5	DEER RIVER	204.1	3	4,216	12,648
6	COHASSETT	212.7	3	9,300	27,900
7	GRAND RAPIDS	220.2	3	137,888	413,664
8	FLOODWOOD	253.8	4	1,116	4,464
9	CLOQUET	283.5	4	308,574	1,234,296
10	CARLTON	283.5	4	2,957,679	11,830,716
11	SUPERIOR	307.5	5	393,731	1,968,655
12	ASHLAND	362.5	5	31,682	158,410
13	IRONWOOD	397.1	6	25,327	151,962
14	WATERSMEET	450.4	6	38,099	228,594
15	SAGOLA	506.6	7	141,360	989,520
16	RAPID RIVER	562.0	8	481,151	3,849,208
17	MANISTIQUE	597.7	8	52,948	423,584
18	ENGADINE	633.9	9	20,367	183,303
19	ST. IGNACE	679.1	10	15,190	151,900
20	RUDYARD	688.0	10	24,025	240,250
21	SAULT ST MARIE	702.0	10	64,821	648,210
22	PELLSTON	702.2	10	2,728	27,280
23	SAULT ST MARIE	704.9	10	1,671,055	16,710,550
24	PETOSKY	728.4	10	93	930
25	GAYLORD	739.3	10	32,116	321,160
26	CHIPPEWA	844.7	12	2,817,032	33,804,384
27	MIDLAND	846.1	12	979,197	11,750,364
28	BAUMAN	959.9	13	367,505	4,777,565
29	MUTTONVILLE	960.3	13	1,999,314	25,991,082
30	BELLE RIVER	969.9	13	1,440,477	18,726,201
31	ST. CLAIR	973.2	13	17,740,432	230,625,616
32	TOTAL SYSTEM		_	37,682,484	382,787,597
33		UNITS 1 - 12		16,134,756	102,667,133
34		UNIT 13	1/	21,547,728	280,120,464

1/ NO EXCHANGE GAS VOLUMES PROJECTED TO BE UTILIZED UNDER RATE SCHEDULE X-1. THEREFORE NO PHANTOM MILES RECOGNIZED.

November 2018

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF NOVEMBER 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES	0.20903%	0.20859%
GREATER THAN 75 UP TO 150 MILES	0.27580%	0.27504%
GREATER THAN 150 UP TO 225 MILES	0.34257%	0.34140%
GREATER THAN 225 UP TO 300 MILES	0.40934%	0.40767%
GREATER THAN 300 UP TO 375 MILES	0.47611%	0.47385%
GREATER THAN 375 UP TO 450 MILES	0.54288%	0.53995%
GREATER THAN 450 UP TO 525 MILES	0.60965%	0.60596%
GREATER THAN 525 UP TO 600 MILES	0.67642%	0.67188%
GREATER THAN 600 UP TO 675 MILES	0.74319%	0.73771%
GREATER THAN 675 UP TO 750 MILES	0.80996%	0.80345%
GREATER THAN 750 UP TO 825 MILES	0.87673%	0.86911%
GREATER THAN 825 UP TO 900 MILES	0.94350%	0.93468%
GREATER THAN 900 UP TO 975 MILES	1.01019%	1.00009%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF NOVEMBER 2018

			FUEL & OTHER	
		PROJECTED	PRIOR PERIOD	
LINE		PERCENTAGE	CORRECTION	TOTAL
NO.	DESCRIPTION	NOVEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)
1	UP TO 75 MILES	0.18475% 1/	-0.11798% 2/	0.06677%
2	GREATER THAN 75 UP TO 150 MILES	0.36950%	-0.23596%	0.13354%
3	GREATER THAN 150 UP TO 225 MILES	0.55425%	-0.35394%	0.20031%
4	GREATER THAN 225 UP TO 300 MILES	0.73900%	-0.47192%	0.26708%
5	GREATER THAN 300 UP TO 375 MILES	0.92375%	-0.58990%	0.33385%
6	GREATER THAN 375 UP TO 450 MILES	1.10850%	-0.70788%	0.40062%
7	GREATER THAN 450 UP TO 525 MILES	1.29325%	-0.82586%	0.46739%
8	GREATER THAN 525 UP TO 600 MILES	1.47800%	-0.94384%	0.53416%
9	GREATER THAN 600 UP TO 675 MILES	1.66275%	-1.06182%	0.60093%
10	GREATER THAN 675 UP TO 750 MILES	1.84750%	-1.17980%	0.66770%
11	GREATER THAN 750 UP TO 825 MILES	2.03225%	-1.29778%	0.73447%
12	GREATER THAN 825 UP TO 900 MILES	2.21700%	-1.41576%	0.80124%
13	GREATER THAN 900 UP TO 975 MILES 3/	2.40173% 4/	-1.53380% 5/	0.86793%

		L & U	
	PROJECTED	PRIOR PERIOD	
	PERCENTAGE	CORRECTION	TOTAL
	NOVEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)
-			<u>.</u>

0.17612% 6/

-0.03386% 7/

0.14226%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

SEPTEMBER 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4) (COL. 2)	TRANSPORTER'S USE DTH PROVIDED (COL. 3)	MAKE-UP FOR PRIOR PERIOD (JULY '18) (COL. 4)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4) (COL. 5)	UNDER/ (OVER) RECOVERY (DTH) SEPTEMBER 2018 (COL. 2 - COL. 5) (COL. 6)	AVERAGE IMBALANCE (COL. 7)
1	FUEL & OTHER	545,293	521,498	2,856,801	(2,335,303)	2,880,596	(427,220)
2	L&U	55,477	77,742	77,742	0	55,477	(12,688)
3	TOTAL	600,770	599,240	2,934,543 1	1/(2,335,303)	2,936,073	(439,908) 4/

-0.11798%

(25,147)

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4 (427,220) / 362,097,930 =

L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:

	TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)	
5	(12,688) / 37,474,140 =	-0.03386%
	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	-0.11798% 12 -1.41576%
9 10 11	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2) FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	21,304,020 (301,614) (25,147) 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	-0.11804% 3/ -1.41576% -1.53380%
	1/ SEE SEPTEMBER 2018 REPORT, PAGE 3, COLUMN 6, LINE 3.	
	2/ FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE APPLICABLE TO UNIT 13 (PAGE 6, COL. 5, LINE 2) PROJECTED FUEL & OTHER FOR UNIT 13	(427,220) 76.4855% (326,761)
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE)	(301,614)

REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13 3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES.

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (AUGUST 2018) IMBALANCE PLUS CURRENT MONTH (SEPTEMBER 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF SEPTEMBER 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERCI DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	10,995,566	71,481,516	28.3731%	16.5338%	15,741	90,158	105,899
2	UNIT - 13	27,757,929	360,853,077	71.6269%	83.4662%	39,736	455,135	494,871
3	TOTAL	38,753,495	432,334,593	100.0000%	100.0000%	55,477	545,293	600,770
1	1/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 52 AND 53, COL. 4.							

2/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 52 AND 53, COL. 5.

1/

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF SEPTEMBER 2018

LINE <u>NO</u>	DELIVERY POINTS	MILES OF HAUL	75-MILE UNITS	DTH	DTH-UNITS
NO	(COL.1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
		. ,		. ,	, , ,
1	BELLE RIVER TO ST. CLAIR	3.3	1	159,075	159,075
2 3	FARWELL TO CHIPPEWA FARWELL TO MIDLAND	29.3 30.4	1	14,382 246,055	14,382 246,055
3 4	GOOSE CREEK TO FARWELL	58.6	1	240,055 784	240,055 784
5	THIEF RIVER FALLS	74.3	1	8,340	8,340
6	CLEARBROOK	120.1	2	34,700	69,400
7	LAMMERS	135.9	2	61,601	123,202
8	SOLWAY	139.3	2	35,700	71,400
9	FARWELL TO MUTTONVILLE	144.6	2	2,585,792	5,171,584
10	FARWELL TO RATTLE RUN	144.6	2	11,036	22,072
11	FARWELL TO TRUMBLE ROAD INTERCONNECT	149.3	2	63,600	127,200
12	BEMIDJI	150.0	2	47,700	95,400
13	FARWELL TO ST. CLAIR	157.5	3	151,511	454,533
14	CASS LAKE	164.9	3	9,160	27,480
15	COHASSET	212.8	3	5,250	15,750
16 17		212.8 220.2	3 3	4,476	13,428
18	GRAND RAPIDS NMU BLACKBERRY	220.2	3	24,636 30	73,908 120
19	CARLTON	283.5	4	541,522	2,166,088
20	CLOQUET	283.5	4	274,219	1,096,876
21	DULUTH	299.3	4	204,179	816,716
22	SUPERIOR	307.5	5	59,520	297,600
23	ASHLAND	362.5	5	13,410	67,050
24	IRONWOOD	398.1	6	13,380	80,280
25	MARENISCO	423.0	6	3,870	23,220
26	DUCK CREEK	450.5	7	60	420
27	WATERSMEET	450.5	7	2,271	15,897
28	FORTUNE LAKE TO MUTTONVILE	472.6	7	67,000	469,000
29	FORTUNE LAKE	487.7	7	1,555,514	10,888,598
30	SAGOLA	506.6	7	169,000	1,183,000
31	RAPID RIVER	562.0	8	418,000	3,344,000
32 33	MANISTIQUE ENGADINE	597.7 633.9	8 9	87,521 11,581	700,168 104,229
33 34	ST. IGNACE	679.1	9 10	2,960	29,600
35	RUDYARD	687.9	10	15,900	159,000
36	PELLSTON	702.2	10	8,900	89,000
37	SAULT SAINT MARIE MICHCON	703.0	10	56,600	566,000
38	SAULT SAINT MARIE TCPL	705.0	10	1,865,485	18,654,850
39	ALPINE	736.9	10	220,430	2,204,300
40	GAYLORD	739.3	10	15,275	152,750
41	DEWARD	752.8	11	1,222,680	13,449,480
42	FARWELL	815.7	11	200,251	2,202,761
43	CHIPPEWA	845.0	12	31,351	376,212
44		846.1	12	470,859	5,650,308
45 46	MUTTONVILLE RATTLE RUN	960.3 960.3	13 13	1,199,246 846,244	15,590,198
40 47	TRUMBLE ROAD INTERCONNECT	965.0	13	298,871	11,001,172 3,885,323
47 48	BELLE RIVER MILLS	969.9	13	548,991	7,136,883
49	CHINA TOWNSHIP	971.1	13	277,520	3,607,760
50	ST. CLAIR	973.2	13	24,587,057	319,631,741
00		010.2	10	21,001,001	010,001,711
51	TOTAL SYSTEM			38,753,495	432,334,593
52		UNITS 1 - 12		10,995,566	71,481,516
53		UNIT 13	1/	27,757,929	360,853,077

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF NOVEMBER 2018

LINE		PROJECTED	PROJECTED	PERCEN	ITAGE	PROJECTED TRAN	ISPORTER'S USE	TOTAL
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)
1	UNITS - 1 THROUGH 12	16,170,120	85,145,670	43.1501%	23.5145%	28,479	157,305	185,784
2	UNIT - 13	21,304,020	276,952,260	56.8499%	76.4855%	37,521	511,665	549,186
3	TOTAL	37,474,140	362,097,930	100.0000%	100.0000%	66,000	668,970	734,970
	DETERMINATION OF AVERAGE TOTAL FUEL & OTHER REQUIR				HROUGH 12:			
4	668,970 /	362,097,930 =		0.18475%				
	0 <u>DETERMINATION OF L & U PER</u> TOTAL L & U (COL. 6, LINE 3)/TC		NITS 1 -13:					
5	66,000 /	37,474,140 =		0.17612%				
	DETERMINATION OF FUEL & OT	THER PERCENTAGE APPLICA	ABLE TO UNIT 13:					
6 7	TOTAL FUEL & OTHER PERCEN APPLICABLE TO UNITS 1 THROU UNITS OF HAUL	UGH 12 (LINE 4)		0.18475% 12				
8	FUEL & OTHER PERCENTAGE T UNIT 12 (LINE 6 X LINE 7)	IHROUGH		2.21700%				
9	VOLUME TRANSPORTED BEYO FUEL & OTHER COLLECTED TH			21,304,020				
10 11	(LINE 8 X LINE 9)			472,310 39,355 3	1			
	REMAINING FUEL & OTHER TO			,				
12 13	PERCENT FOR UNIT 13 (LINE 11 FUEL & OTHER PERCENT THRO			0.18473% 4 2.21700%	/			
14	FUEL & OTHER PERCENT FOR			2.40173%				
	 BASED ON VOLUMETRIC DATA BASED ON VOLUMETRIC DATA 							
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLEC	TED THROUGH FIRST 12 UNI		511,665				
	OF HAUL (LINE 10 ABOVI REMAINING FUEL & OTHER TO			<u>472,310</u> <u>39,355</u>				
	4/ RECOGNIZING PHANTOM-MILE PER OPINION NO. 51.	S RELATED TO EXCHANGE O	GAS VOLUMES					

1/

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF NOVEMBER 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	CLOW	0.7	1	26,370	26,370
2	THIEF RIVER FALLS	74.3	1	72,390	72,390
3	BEMIDJI	150.0	2	192,720	385,440
4	CASS LAKE	164.9	3	9,270	27,810
5	FARWELL TO ST. CLAIR	157.5	3	6,658,740	19,976,220
6	DEER RIVER	204.1	3	6,870	20,610
7	COHASSETT	212.7	3	16,800	50,400
8	GRAND RAPIDS	220.2	3	140,760	422,280
9	FLOODWOOD	253.8	4	2,280	9,120
10	CLOQUET	283.5	4	343,170	1,372,680
11	CARLTON	283.5	4	3,722,340	14,889,360
12	SUPERIOR	307.5	5	441,210	2,206,050
13	ASHLAND	362.5	5	60,090	300,450
14	IRONWOOD	397.1	6	45,960	275,760
15	WATERSMEET	450.4	6	60,870	365,220
16	SAGOLA	506.6	7	151,920	1,063,440
17	RAPID RIVER	562.0	8	541,110	4,328,880
18	MANISTIQUE	597.7	8	65,370	522,960
19	ENGADINE	633.9	9	32,550	292,950
20	ST. IGNACE	679.1	10	21,180	211,800
21	RUDYARD	688.0	10	30,960	309,600
22	SAULT ST MARIE	702.0	10	106,620	1,066,200
23	PELLSTON	702.2	10	5,190	51,900
24	SAULT ST MARIE	704.9	10	1,931,910	19,319,100
25	GAYLORD	739.3	10	111,480	1,114,800
26	CHIPPEWA	844.7	12	817,800	9,813,600
27	MIDLAND	846.1	12	554,190	6,650,280
28	BAUMAN	959.9	13	234,660	3,050,580
29	MUTTONVILLE	960.3	13	1,712,220	22,258,860
30	BELLE RIVER	969.9	13	974,760	12,671,880
31	ST. CLAIR	973.2	13 _	18,382,380	238,970,940
32	TOTAL SYSTEM		=	37,474,140	362,097,930
33		UNITS 1 - 12	2	16,170,120	85,145,670
34		UNIT 13	1/	21,304,020	276,952,260

1/ NO EXCHANGE GAS VOLUMES PROJECTED TO BE UTILIZED UNDER RATE SCHEDULE X-1. THEREFORE NO PHANTOM MILES RECOGNIZED.

December 2018

TRANSPORTER'S USE PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF DECEMBER 2018 PER DTH 1/

MILES OF HAUL	PRE-NAESB T-USE PERCENTAGE 2/	NAESB T-USE PERCENTAGE 3/
UP TO 75 MILES	0.22039%	0.21991%
GREATER THAN 75 UP TO 150 MILES	0.28622%	0.28540%
GREATER THAN 150 UP TO 225 MILES	0.35205%	0.35082%
GREATER THAN 225 UP TO 300 MILES	0.41788%	0.41614%
GREATER THAN 300 UP TO 375 MILES	0.48371%	0.48138%
GREATER THAN 375 UP TO 450 MILES	0.54954%	0.54654%
GREATER THAN 450 UP TO 525 MILES	0.61537%	0.61161%
GREATER THAN 525 UP TO 600 MILES	0.68120%	0.67659%
GREATER THAN 600 UP TO 675 MILES	0.74703%	0.74149%
GREATER THAN 675 UP TO 750 MILES	0.81286%	0.80631%
GREATER THAN 750 UP TO 825 MILES	0.87869%	0.87104%
GREATER THAN 825 UP TO 900 MILES	0.94452%	0.93568%
GREATER THAN 900 UP TO 975 MILES	1.01030%	1.00020%

1/ The Transporter's Use percentage for "backhaul services" for the month shall be 0.00000%.

2/ Percentage based upon Fuel & Other component (Page 2, Lines 1-13, Col. 4) + L&U component (Page 2, Line 14, Col. 4).

3/ Determined in accordance with NAESB Standard No. 1.3.16

FUEL & OTHER, AND L&U PERCENTAGES APPLICABLE TO TRANSPORTATION SERVICE FOR THE MONTH OF DECEMBER 2018

			FUEL & OTHER	
		PROJECTED	PRIOR PERIOD	
LINE		PERCENTAGE	CORRECTION	TOTAL
NO.	DESCRIPTION	DECEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)
				(
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)
1	UP TO 75 MILES	0.19905% 1/	-0.13322% 2/	0.06583%
2	GREATER THAN 75 UP TO 150 MILES	0.39810%	-0.26644%	0.13166%
3	GREATER THAN 150 UP TO 225 MILES	0.59715%	-0.39966%	0.19749%
4	GREATER THAN 225 UP TO 300 MILES	0.79620%	-0.53288%	0.26332%
5	GREATER THAN 300 UP TO 375 MILES	0.99525%	-0.66610%	0.32915%
6	GREATER THAN 375 UP TO 450 MILES	1.19430%	-0.79932%	0.39498%
7	GREATER THAN 450 UP TO 525 MILES	1.39335%	-0.93254%	0.46081%
8	GREATER THAN 525 UP TO 600 MILES	1.59240%	-1.06576%	0.52664%
9	GREATER THAN 600 UP TO 675 MILES	1.79145%	-1.19898%	0.59247%
10	GREATER THAN 675 UP TO 750 MILES	1.99050%	-1.33220%	0.65830%
11	GREATER THAN 750 UP TO 825 MILES	2.18955%	-1.46542%	0.72413%
12	GREATER THAN 825 UP TO 900 MILES	2.38860%	-1.59864%	0.78996%
13	GREATER THAN 900 UP TO 975 MILES 3/	2.58762% 4/	-1.73188% 5/	0.85574%

		L&U	
F	ROJECTED	PRIOR PERIOD	
Pi	ERCENTAGE	CORRECTION	TOTAL
DE	CEMBER '18	PERCENTAGE	(COL. 2 + COL. 3)

-0.23637% 6/

0.39093% 7/

0.15456%

14 ALL SERVICES

1/ Page 6, Line 4, Column 4.

2/ Page 3, Line 4, Column 4.

3/ Reflecting Phantom-Miles for X-1 per Opinion No. 51.

4/ Page 6, Line 14, Column 4.
5/ Page 3, Line 14, Column 4.
6/ Page 6, Line 5, Column 4.
7/ Page 3, Line 5, Column 4.

CALCULATION OF UNDER/(OVER) RECOVERY OF ACTUAL TRANSPORTER'S USE AND DETERMINATION OF CORRECTION PERCENTAGES

OCTOBER 2018

LINE NO.	PARTICULARS	ACTUAL TRANSPORTER'S USE (DTH) (PAGE 4)	TRANSPORTER'S USE DTH PROVIDED	MAKE-UP FOR PRIOR PERIOD (AUGUST '18)	NET TRANSPORTER'S USE PROVIDED BY SHIPPERS (DTH) (COL. 3 - COL. 4)	UNDER/ (OVER) RECOVERY (DTH) OCTOBER 2018 (COL. 2 - COL. 5)	AVERAGE IMBALANCE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)
1	FUEL & OTHER	358,795	483,045	(3,735,035)	4,218,080	(3,859,285)	(489,345)
2	L & U	221,386	(80,852)	(80,852)	0	221,386	138,432
3	TOTAL	580,181	402,193	(3,815,887) 1/	4,218,080	(3,637,899)	(350,913) 4/

-0.13322%

<u>(29,817)</u>

FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12:

TOTAL FUEL & OTHER (COL. 7, LINE 1)/TOTAL DTH UNITS (PAGE 7, COL. 5, LINE 32)

4	(489,345) /	367,316,055 =

L & U CORRECTION PERCENTAGE APPLICABLE TO UNITS 1 THROUGH 13:

	TOTAL L & U (COL. 7, LINE 2)/TOTAL DTH'S (PAGE 7, COL. 4, LINE 32)	
5	138,432 / 35,410,959 =	0.39093%
	FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO UNIT 13:	
6 7 8	TOTAL FUEL & OTHER CORRECTION PERCENTAGE APPLICABLE TO EACH OF UNITS 1 THROUGH 12 (LINE 4) UNITS OF HAUL FUEL & OTHER CORRECTION PERCENTAGE THROUGH UNIT 12 (LINE 6 X LINE 7)	-0.13322% 12 -1.59864%
9	VOLUME TRANSPORTED BEYOND 12 UNITS (PAGE 6, LINE 2, COL. 2) FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL	22,377,846
10 11	LINE 8 X LINE 9) REMAINING FUEL & OTHER TO BE COLLECTED IN UNIT 13	(357,741) (29,817) 2/
12 13 14	PERCENT FOR UNIT 13 (LINE 11 / LINE 9) FUEL & OTHER PERCENT THROUGH UNIT 12 (LINE 8) FUEL & OTHER PERCENT FOR UNIT 13 (LINE 12 +13)	-0.13324% 3/ -1.59864% -1.73188%
	1/ SEE OCTOBER 2018 REPORT, PAGE 3, COLUMN 6, LINE 3.	
	2/ FUEL & OTHER ALLOCATED TO THROUGHPUT THRU 13 UNITS (LINE 1, COL. 7) X PROJECTED 75-MILE FUEL UNIT PERCENTAGE	(489,345)
	A PROJECTED TS-MILE TOLE UNIT 13 (PAGE 6, COL. 5, LINE 2) PROJECTED FUEL & OTHER FOR UNIT 13	<u>79.1994%</u> (387,558)
	FUEL & OTHER COLLECTED THROUGH FIRST 12 UNITS OF HAUL (LINE 10 ABOVE) REMAINING FUEL & OTHER TO BE COLLECTED IN	(357,741)
		(00.017)

3/ ADJUSTED PER OPINION NO. 51 TO ACCOUNT FOR PHANTOM-MILES.

UNIT 13

4/ REFLECTS AVERAGE UNDER/(OVER) RECOVERY IMBALANCE AMOUNT ATTRIBUTABLE TO FUEL & OTHER AND L&U COMPONENTS BASED ON PRIOR MONTH (SEPTEMBER 2018) IMBALANCE PLUS CURRENT MONTH (OCTOBER 2018) IMBALANCE.

ALLOCATION OF ACTUAL TRANSPORTER'S USE FOR THE MONTH OF OCTOBER 2018

LINE NO.	PARTICULARS (COL. 1)	ACTUAL DTH'S 1/ (COL. 2)	ACTUAL DTH UNITS 2/ (COL. 3)	PERCI DTH (COL. 4)	ENTAGE DTH-UNITS (COL. 5)	ALLOCATED TRAN L&U (COL. 6)	SPORTER'S USE FUEL & OTHER (COL. 7)	TOTAL TRANSPORTER'S <u>USE</u> (COL. 8)
1	UNITS - 1 THROUGH 12	16,982,558	127,607,795	44.5984%	31.7543%	98,735	113,933	212,668
2	UNIT - 13	21,096,301	274,251,913	55.4016%	68.2457%	122,651	244,862	367,513
3	TOTAL	38,078,859	401,859,708	100.0000%	100.0000%	221,386	358,795	580,181
1	1/ BASED ON VOLUMETRIC	DATA CONTAIN	IED ON PAGE 5, LI	NES 60 AND 61,	COL. 4.			

2/ BASED ON VOLUMETRIC DATA CONTAINED ON PAGE 5, LINES 60 AND 61, COL. 5.

PAGE 5

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP ACTUAL OPERATION FOR THE MONTH OF OCTOBER 2018

LINE <u>NO</u>	DELIVERY POINTS	MILES OF HAUL	75-MILE UNITS	DTH	DTH-UNITS
	(COL.1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)
1 2	BELLE RIVER TO ST. CLAIR FARWELL TO MIDLAND	3.3 30.4	1	103,113 124,101	103,113 124,101
3	GOOSE CREEK TO FARWELL	58.6	1	828	828
4		74.3	1	12,710	12,710
5 6	FORTUNE LAKE TO MANISTIQUE CLEARBROOK	110.0 120.1	2 2	870 35,323	1,740 70,646
7	LAMMERS	135.9	2	95,500	191,000
8	SOLWAY	139.3	2	36,749	73,498
9	FARWELL TO MUTTONVILLE	144.6	2	3,432,306	6,864,612
10 11	FARWELL TO RATTLE RUN FORTUNE LAKE TO ENGADINE	144.6 146.2	2 2	14,019 1,332	28,038 2,664
12	FARWELL TO TRUMBLE ROAD INTERCONNECT	149.3	2	26,851	53,702
13	BEMIDJI	150.0	2	240,535	481,070
14	FARWELL TO ST. CLAIR	157.5	3	106,517	319,551
15 16	CASS LAKE FORTUNE LAKE TO ST IGNACE	164.9 191.4	3 3	15,469 870	46,407 2,610
17	DEWARD TO MUTTONVILLE	207.5	3	174,693	524,079
18	DEWARD TO TRUMBLE ROAD INTERCONNECT	212.2	3	7	21
19	COHASSET	212.8	3	16,592	49,776
20 21	LITTLE BASS GRAND RAPIDS NMU	212.8 220.2	3	12,948 54,033	38,844 162,099
21	BLACKBERRY	220.2	3	54,033 31	102,099
23	FORTUNE LAKE TO ALPINE	249.2	4	31,480	125,920
24	FORTUNE LAKE TO DEWARD	265.1	4	2,000	8,000
25 26	CARLTON	283.5	4	321,474	1,285,896
26 27	CLOQUET DULUTH	283.5 299.3	4	331,613 285,741	1,326,452 1,142,964
28	SUPERIOR	307.5	5	84,497	422,485
29	FORTUNE LAKE TO FARWELL	328.0	5	2,968	14,840
30	FORTUNE LAKE TO CHIPPEWA	357.3	5	4,942	24,710
31 32	FORTUNE LAKE TO MIDLAND ASHLAND	358.4 362.5	5 5	5,000 7,750	25,000 38,750
33	IRONWOOD	398.1	6	3,751	22,506
34	MARENISCO	423.0	6	1,550	9,300
35	WATERSMEET	450.4	7	14,149	99,043
36 37	DUCK CREEK FORTUNE LAKE	450.5 487.7	7 7	145 1,451,639	1,015 10,161,473
38	SAGOLA	506.6	7	317,000	2,219,000
39	RAPID RIVER	562.0	8	464,652	3,717,216
40	MANISTIQUE	597.7	8	103,143	825,144
41 42	ENGADINE ST. IGNACE	633.9 679.1	9 10	23,389 15,089	210,501 150,890
42	RUDYARD	687.9	10	35,000	350,000
44	PELLSTON	702.2	10	12,000	120,000
45	SAULT SAINT MARIE MICHCON	703.0	10	61,000	610,000
46	SAULT SAINT MARIE TCPL	705.0	10	2,102,001	21,020,010
47 48	ALPINE GAYLORD	736.9 739.3	10 10	443,040 6,898	4,430,400 68,980
49	DEWARD	752.8	11	4,602,575	50,628,325
50	FARWELL	815.7	11	1,514,358	16,657,938
51	CHIPPEWA	845.0	12	43,555	522,660
52 53	MIDLAND MUTTONVILLE	846.1 960.3	12 13	184,762 737,554	2,217,144 9,588,202
54	RATTLE RUN	960.3	13	824,509	10,718,617
55	TRUMBLE ROAD INTERCONNECT	965.0	13	214,236	2,785,068
56	BELLE RIVER MILLS	969.9	13	136,558	1,775,254
57		971.1	13	204,899	2,663,687
58	ST. CLAIR	973.2	13	18,978,545	246,721,085 1/
59	TOTAL SYSTEM		=	38,078,859	401,859,708
60		UNITS 1 - 12		16,982,558	127,607,795
61		UNIT 13	1/	21,096,301	274,251,913

1/ NO EXCHANGE GAS VOLUMES UTILIZED UNDER RATE SCHEDULE X-1, THEREFORE NO PHANTOM MILES RECOGNIZED.

ALLOCATION OF TRANSPORTER'S USE AND DETERMINATION OF TRANSPORTER'S USE PERCENTAGES FOR THE MONTH OF DECEMBER 2018

LINE		PROJECTED	PROJECTED	PERCE	NTAGE	PROJECTED TRAN	ISPORTER'S USE	TOTAL
NO.	PARTICULARS	DTH'S 1/	DTH UNITS 2/	DTH	DTH-UNITS	L&U	FUEL & OTHER	TRANSPORTER'S USE
	(COL. 1)	(COL. 2)	(COL. 3)	(COL. 4)	(COL. 5)	(COL. 6)	(COL. 7)	(COL. 8)
1	UNITS - 1 THROUGH 12	13,033,113	76,404,057	36.8053%	20.8006%	(30,806)	152,081	121,275
2	UNIT - 13	22,377,846	290,911,998	63.1947%	79.1994%	(52,894)	579,054	526,160
3	TOTAL	35,410,959	367,316,055	100.0000%	100.0000%	(83,700)	731,135	647,435
	DETERMINATION OF AVERAGE F TOTAL FUEL & OTHER REQUIRE				HROUGH 12:			
4	731,135 /	367,316,055 =		0.19905%				
	DETERMINATION OF L & U PERC TOTAL L & U (COL. 6, LINE 3)/TO		INITS 1 -13:					
5	(83,700) /	35,410,959 =		-0.23637%				
	DETERMINATION OF FUEL & OTI	HER PERCENTAGE APPLIC	ABLE TO UNIT 13:					
	TOTAL FUEL & OTHER PERCENT	TAGE						
6	APPLICABLE TO UNITS 1 THROU	-		0.19905%				
7	UNITS OF HAUL			12				
	FUEL & OTHER PERCENTAGE TI	HROUGH						
8	UNIT 12 (LINE 6 X LINE 7)			2.38860%				
9	VOLUME TRANSPORTED BEYON FUEL & OTHER COLLECTED THE			22,377,846				
10	(LINE 8 X LINE 9)		-	534,517				
11	REMAINING FUEL & OTHER TO E	BE COLLECTED IN UNIT 13		44,537 3				
12	PERCENT FOR UNIT 13 (LINE 11			0.19902% 4	1			
13	FUEL & OTHER PERCENT THRO			2.38860%	1			
14	FUEL & OTHER PERCENT FOR U			2.58762%				
	1/ BASED ON VOLUMETRIC DATA							
	2/ BASED ON VOLUMETRIC DATA (CONTAINED ON PAGE 7, LIN	IES 33-34, COL. 5.					
	3/ FUEL & OTHER ALLOCATED TO LESS: FUEL & OTHER COLLECT			579,054				
	OF HAUL (LINE 10 ABOVE			<u>534,517</u>				
	REMAINING FUEL & OTHER TO E	BE COLLECTED IN UNIT 13		44,537				
	4/ RECOGNIZING PHANTOM-MILES PER OPINION NO. 51.	RELATED TO EXCHANGE	GAS VOLUMES					

1/

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP PROJECTED OPERATION FOR THE MONTH OF DECEMBER 2018

LINE <u>NO</u>	DELIVERY POINTS (COL.1)	MILES OF HAUL (COL. 2)	75-MILE UNITS (COL. 3)	DTH (COL. 4)	DTH-UNITS (COL. 5)
1	CLOW	0.7	1	65,007	65,007
2	THIEF RIVER FALLS	74.3	1	106,826	106,826
3	BEMIDJI	150.0	2	304,234	608,468
4	CASS LAKE	164.9	3	15,531	46,593
5	FARWELL TO ST. CLAIR	157.5	3	730,112	2,190,336
6	DEER RIVER	204.1	3	11,563	34,689
7	COHASSETT	212.7	3	28,427	85,281
8	GRAND RAPIDS	220.2	3	282,813	848,439
9	FLOODWOOD	253.8	4	3,627	14,508
10	CLOQUET	283.5	4	422,716	1,690,864
11	CARLTON	283.5	4	5,816,592	23,266,368
12	SUPERIOR	307.5	5	561,627	2,808,135
13	ASHLAND	362.5	5	94,364	471,820
14	IRONWOOD	397.1	6	73,594	441,564
15	WATERSMEET	450.4	6	167,276	1,003,656
16	SAGOLA	506.6	7	173,879	1,217,153
17	RAPID RIVER	562.0	8	662,904	5,303,232
18	MANISTIQUE	597.7	8	91,202	729,616
19	ENGADINE	633.9	9	45,818	412,362
20	ST. IGNACE	679.1	10	31,899	318,990
21	RUDYARD	688.0	10	42,098	420,980
22	SAULT ST MARIE	702.0	10	163,494	1,634,940
23	PELLSTON	702.2	10	8,835	88,350
24	SAULT ST MARIE	704.9	10	2,247,717	22,477,170
25	PETOSKY	728.4	10	_, , 62	620
26	GAYLORD	739.3	10	226,331	2,263,310
27	CHIPPEWA	844.7	12	268,274	3,219,288
28	MIDLAND	846.1	12	386,291	4,635,492
29	BAUMAN	959.9	13	723,912	9,410,856
30	MUTTONVILLE	960.3	13	1,295,211	16,837,743
31	ST. CLAIR	973.2	13	20,358,723	264,663,399
51	ST. OLAIN	575.2	10	20,000,720	204,000,000
32	TOTAL SYSTEM		=	35,410,959	367,316,055
33		UNITS 1 - 12	2	13,033,113	76,404,057
34		UNIT 13	1/	22,377,846	290,911,998

1/ NO EXCHANGE GAS VOLUMES PROJECTED TO BE UTILIZED UNDER RATE SCHEDULE X-1. THEREFORE NO PHANTOM MILES RECOGNIZED.