

June 28, 2019

**VIA HAND DELIVERY & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 4872 - 2019 Annual Gas Cost Recovery Reconciliation**

Dear Ms. Massaro:

In accordance with the provisions of National Grid's<sup>1</sup> Gas Cost Recovery (GCR) Clause in its gas tariff, RIPUC NG-GAS No. 101, at Section 2, Schedule A, Sheet 1, Item 1.2, I have enclosed 10 copies of National Grid's annual GCR reconciliation filing. The GCR reconciliation contains actual gas cost and revenue data for the 12 months ending March 31, 2019, as set forth in the following six schedules:

- Schedule 1 presents the monthly ending deferred balances and the end-of-period under-collection of approximately \$5.4 million,<sup>2</sup> as shown on Schedule 1, Line (49).
- Schedule 2 provides a breakdown of actual gas costs.
- Schedule 3 summarizes gas cost revenue.
- Schedule 4 presents the calculation of working capital costs.
- Schedule 5 provides the calculations of inventory finance costs.
- Schedule 6 presents actual customer throughput for each rate class.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

<sup>2</sup> The year-end March 31, 2019 reconciliation balance of \$5,432,025 is the same as the balance reflected in the April 2019 Monthly Deferred Report filed on May 20, 2019 in Docket No. 4872.

Luly E. Massaro, Commission Clerk  
Docket 4872 - 2019 Annual Gas Cost Recovery Reconciliation  
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This filing also includes a Motion for Protective Treatment of Confidential Information in accordance with Rule 1.3(H) of the Rhode Island Public Utilities Commission's (PUC) Rules of Practice and Procedure and R.I. Gen. Laws § 38-2-2(4)(B). National Grid seeks protection from public disclosure of certain confidential gas cost pricing information, which is provided in Schedule 2 of the filing. This information is confidential information that National Grid does not normally make public. Accordingly, National Grid has provided the PUC with one complete unredacted copy of the confidential documents in a sealed envelope marked "**Contains Privileged and Confidential Materials – Do Not Release,**" and has included redacted copies of these materials for the public filing.

Thank you for your attention to this matter. If you have any questions, please contact me at (401) 709-3337.

Sincerely,



Leticia C. Pimentel

Enclosure

cc: Docket 4872 Service List  
Leo Wold, Esq.  
Al Mancini, Division (w/confidential version)  
John Bell, Division

**Docket No. 4872 – National Grid – 2018 Annual Gas Cost Recovery Filing  
(GCR) - Service List as of 6/28/2019**

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Greg Lander, President Skipping Stone, LLC 83 Pine St., Suite 101 West Peabody, MA 01960	<a href="mailto:GLander@skippingstone.com">GLander@skippingstone.com;</a>	978-717-6140
<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Margaret Hogan, Commission Counsel Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov;</a>	401-780-2107
	<a href="mailto:Margaret.hogan@puc.ri.gov">Margaret.hogan@puc.ri.gov;</a>	
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	<a href="mailto:Todd.bianco@puc.ri.gov">Todd.bianco@puc.ri.gov;</a>	
Office of Energy Resources Christopher Kearns Nicholas Ucci	<a href="mailto:Christopher.Kearns@energy.ri.gov">Christopher.Kearns@energy.ri.gov;</a>	
	<a href="mailto:Nicholas.ucci@energy.ri.gov">Nicholas.ucci@energy.ri.gov;</a>	

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS**

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

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2019 Annual Gas Cost Recovery Filing Reconciliation )  
Docket No. 4872 )  
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**MOTION OF THE NARRAGANSETT ELECTRIC  
COMPANY D/B/A NATIONAL GRID FOR PROTECTIVE  
TREATMENT OF CONFIDENTIAL INFORMATION**

National Grid<sup>1</sup> hereby requests that the Rhode Island Public Utilities Commission (PUC) grant protection from public disclosure of certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by PUC Rule 1.3(H) and R.I. Gen. Laws § 38-2-2(4)(B). National Grid also hereby requests that, pending entry of that finding, the PUC preliminarily grant National Grid’s request for confidential treatment pursuant to Rule 1.3(H)(2).

**I. BACKGROUND**

On June 28, 2019, National Grid filed with the PUC its 2019 annual Gas Cost Recovery (GCR) reconciliation filing. Schedule 2 of the filing provides a breakdown of actual gas costs, and includes confidential gas cost pricing information relating to certain gas supply and storage fixed costs. National Grid is seeking protective treatment for such confidential gas cost pricing information and has, accordingly, included a redacted and un-redacted version of Schedule 2. National Grid requests that the PUC grant protective treatment to the confidential information contained in the un-redacted version of Schedule 2 of this filing.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid (National Grid).

## II. LEGAL STANDARD

Rule 1.3(H) of the PUC's Rules of Practice and Procedure provides that access to public records shall be granted in accordance with the Access to Public Records Act (APRA), R.I. Gen. Laws § 38-2-1, *et seq.* Under APRA, all documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a "public record," unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I. Gen. Laws § 38-2-2(4). To the extent that information provided to the PUC falls within one of the designated exceptions to the public records law, the PUC has the authority under the terms of APRA to deem such information as confidential and to protect such information from public disclosure.

In that regard, R.I. Gen. Laws § 38-2-2(4)(B) provides that the following types of records shall not be deemed public:

Trade secrets and commercial or financial information obtained from a person, firm, or corporation that is of a privileged or confidential nature.

The Rhode Island Supreme Court has held that this confidential information exemption applies requires the application of a two-pronged test set forth in *Providence Journal Company v. Convention Center Authority*, 774 A.2d 40 (R.I. 2001). The exemption applies where disclosure of information would be likely either (1) to impair the government's ability to obtain necessary information in the future; or (2) to cause substantial harm to the competitive position of the person from whom the information was obtained. *See Providence Journal*, 774 A.2d at 47.

The first prong of the test assesses whether the information was provided voluntarily to the governmental agency. *Providence Journal*, 774 A.2d at 47. If the answer to the first question

is affirmative, then the question becomes whether the information is “of a kind that would customarily not be released to the public by the person from whom it was obtained.” *Id.*

### **III. BASIS FOR CONFIDENTIALITY**

The gas cost pricing information included in Schedule 2 of National Grid’s 2019 annual GCR reconciliation filing is confidential and privileged information of the type that National Grid would not ordinarily make public. The information National Grid seeks to protect consists of actual gas costs relating to certain gas supply and storage fixed costs. National Grid ordinarily would not make such information public, as the information consists of confidential and competitively sensitive gas cost pricing information. Public disclosure of such information could impair National Grid’s ability to obtain advantageous pricing in the future, thereby causing substantial competitive harm. Accordingly, National Grid seeks protection for such confidential information.

### **IV. CONCLUSION**

For the foregoing reasons, National Grid respectfully requests that the PUC grant its Motion for Protective Treatment.

Respectfully submitted,

**THE NARRAGANSETT ELECTRIC  
COMPANY d/b/a NATIONAL GRID**

By its attorney,



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Leticia C. Pimentel, Esq. (#9332)  
Robinson & Cole LLP  
One Financial Plaza, Suite 1430  
Providence, RI 02908  
(401) 709-3337  
Dated: June 28, 2019

**Deferred Gas Cost Balances**

Description	Apr-18 Actual	May-18 Actual	Jun-18 Actual	Jul-18 Actual	Aug-18 Actual	Sep-18 Actual	Oct-18 Actual	Nov-18 Actual	Dec-18 Actual	Jan-19 Actual	Feb-19 Actual	Mar-19 Actual	Apr-Mar
(1) # of Days in Month	30 (a)	31 (b)	30 (c)	31 (d)	31 (e)	30 (f)	31 (g)	30 (h)	31 (i)	31 (j)	28 (k)	31 (l)	365 (m)
(2) <b>I. Fixed Cost Deferred</b>													
(3) Beginning Under/(Over) Recovery	(\$2,415,056)	(\$4,673,556)	(\$4,609,247)	(\$1,228,566)	\$434,405	\$2,177,160	\$5,017,420	\$6,650,788	\$5,634,774	\$3,714,630	(\$124,172)	(\$5,720,511)	(\$2,415,056)
(4) Supply Fixed Costs (net of cap rel)	\$4,640,632	\$4,541,674	\$3,851,320	\$3,926,133	\$3,848,623	\$3,884,767	\$4,069,636	\$4,923,133	\$10,047,853	\$10,511,600	\$10,521,157	\$10,514,015	\$75,280,544
(5) System Pressure to DAC (Res. Chge - Cray St.) <sup>1</sup>	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	\$0	\$0	\$0	\$0	\$0	(\$1,839,600)
(6) Supply Related LNG O&M	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$71,771	\$71,771	\$69,152	\$69,152	\$69,152	\$223,335	\$883,310
(7) NGPMP Credits	(\$908,333)	(\$908,333)	\$1,110,429	(\$908,333)	(\$908,333)	\$102,206	(\$908,333)	(\$333,333)	(\$333,333)	(\$273,380)	(\$333,333)	(\$1,094,057)	(\$5,696,468)
(8) Working Capital	\$21,940	\$21,444	\$17,984	\$18,359	\$17,971	\$27,464	\$28,866	\$37,331	\$76,190	\$79,707	\$79,779	\$79,725	\$506,760
(9) Total Supply Fixed Costs	\$3,539,403	\$3,439,950	\$4,764,898	\$2,821,323	\$2,743,426	\$3,823,408	\$2,999,140	\$4,696,283	\$9,859,862	\$10,387,079	\$10,336,755	\$9,723,018	\$69,134,545
(10) Supply Fixed - Revenue	\$5,789,902	\$3,364,813	\$1,377,328	\$1,157,343	\$1,003,994	\$992,096	\$1,381,854	\$5,753,304	\$11,793,274	\$14,231,210	\$15,925,259	\$14,157,473	\$76,927,848
(11) Monthly Under/(Over) Recovery	(\$2,250,498)	\$75,137	\$3,387,570	\$1,663,981	\$1,739,432	\$2,831,313	\$1,617,286	(\$1,057,022)	(\$1,933,412)	(\$3,844,131)	(\$5,588,504)	(\$4,434,455)	(\$7,793,308)
(12) Prelim. Ending Under/(Over) Recovery	(\$4,665,554)	(\$4,598,419)	(\$1,221,676)	\$435,415	\$2,173,837	\$5,008,472	\$6,634,706	\$5,593,766	\$3,701,361	(\$129,500)	(\$5,712,676)	(\$10,154,966)	(\$10,208,358)
(13) Month's Average Balance	(\$3,540,305)	(\$4,635,987)	(\$2,915,462)	(\$396,575)	\$1,304,121	\$3,592,816	\$5,826,063	\$6,122,277	\$4,668,068	\$1,792,565	(\$2,918,424)	(\$7,937,739)	
(14) Interest Rate (BOA Prime minus 200 bps)	2.75%	2.75%	2.88%	3.00%	3.00%	3.03%	3.25%	3.25%	3.35%	3.50%	3.50%	3.50%	
(15) Interest Applied	(\$8,002)	(\$10,828)	(\$6,889)	(\$1,010)	\$3,323	\$8,948	\$16,082	\$16,354	\$13,269	\$5,329	(\$7,836)	(\$23,596)	\$5,142
(16) Marketer Reconciliation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,654	\$0	\$0	\$0	\$0	\$24,654
(17) Fixed Ending Under/(Over) Recovery	(\$4,673,556)	(\$4,609,247)	(\$1,228,566)	\$434,405	\$2,177,160	\$5,017,420	\$6,650,788	\$5,634,774	\$3,714,630	(\$124,172)	(\$5,720,511)	(\$10,178,562)	(\$10,178,562)
(18) <b>II. Variable Cost Deferred</b>													
(19) Beginning Under/(Over) Recovery	\$45,495,738	\$33,235,112	\$24,690,633	\$22,511,998	\$21,005,899	\$20,250,094	\$19,729,199	\$20,784,017	\$24,523,145	\$23,595,737	\$25,064,563	\$20,582,902	\$45,495,738
(20) Variable Supply Costs	\$8,209,810	\$2,665,186	\$2,239,378	\$2,106,295	\$2,244,622	\$2,533,927	\$5,500,076	\$12,431,758	\$13,230,810	\$18,730,672	\$14,225,717	\$11,778,191	\$95,896,441
(21) Supply Related System Pressure to DAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) Supply Related LNG O & M	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$22,568	\$22,568	\$25,187	\$25,187	\$25,187	\$25,187	\$25,187	\$409,694
(23) Inventory Financing - LNG	\$13,836	\$19,669	\$20,895	\$22,650	\$24,170	\$24,969	\$26,180	\$26,024	\$27,743	\$23,261	\$24,764	\$26,386	\$280,548
(24) Inventory Financing - UG	\$40,056	\$47,856	\$56,364	\$61,568	\$64,814	\$71,299	\$77,287	\$75,812	\$71,250	\$56,594	\$44,527	\$38,959	\$706,385
(25) Working Capital	\$41,144	\$13,357	\$11,223	\$10,556	\$11,249	\$19,214	\$41,706	\$94,267	\$100,326	\$142,030	\$107,870	\$89,311	\$682,251
(26) Total Supply Variable Costs	\$8,352,570	\$2,793,793	\$2,375,584	\$2,248,793	\$2,392,581	\$2,671,977	\$5,667,817	\$12,653,047	\$13,455,316	\$18,977,744	\$14,428,064	\$11,958,034	\$97,975,319
(27) Supply Variable - Revenue	\$20,702,072	\$11,405,840	\$4,609,923	\$3,810,262	\$3,200,878	\$3,242,592	\$4,668,835	\$8,992,116	\$14,451,015	\$17,581,135	\$18,970,922	\$16,984,064	\$128,619,655
(28) Monthly Under/(Over) Recovery	(\$12,349,502)	(\$8,612,047)	(\$2,234,339)	(\$1,561,469)	(\$808,298)	(\$570,615)	\$998,982	\$3,660,930	(\$995,699)	\$1,396,609	(\$4,542,858)	(\$5,026,030)	(\$30,644,336)
(29) Prelim. Ending Under/(Over) Recovery	\$33,146,236	\$24,623,065	\$22,456,294	\$20,950,529	\$20,197,602	\$19,679,478	\$20,728,181	\$24,444,948	\$23,527,446	\$24,992,346	\$20,521,704	\$15,556,873	\$14,851,402
(30) Month's Average Balance	\$39,320,987	\$28,929,089	\$23,573,463	\$21,731,264	\$20,601,751	\$19,964,786	\$20,228,690	\$22,614,483	\$24,025,296	\$24,294,042	\$22,793,133	\$18,069,888	
(31) Interest Rate (BOA Prime minus 200 bps)	2.75%	2.75%	2.88%	3.00%	3.00%	3.03%	3.25%	3.25%	3.35%	3.50%	3.50%	3.50%	
(32) Interest Applied	\$88,876	\$67,567	\$55,704	\$55,370	\$52,492	\$49,721	\$55,837	\$60,409	\$68,291	\$72,217	\$61,198	\$53,715	\$741,396
(33) Gas Procurement Incentive/(penalty)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,789	\$0	\$0	\$0	\$0	\$17,789
(34) Variable Ending Under/(Over) Recovery	\$33,235,112	\$24,690,633	\$22,511,998	\$21,005,899	\$20,250,094	\$19,729,199	\$20,784,017	\$24,523,145	\$23,595,737	\$25,064,563	\$20,582,902	\$15,610,587	\$15,610,587
(35) <b>GCR Deferred Summary</b>													
(36) Beginning Under/(Over) Recovery	\$43,080,683	\$28,561,556	\$20,081,386	\$21,283,433	\$21,440,304	\$22,427,254	\$24,746,619	\$27,434,805	\$30,157,919	\$27,310,368	\$24,940,391	\$14,862,391	\$43,080,683
(37) Gas Costs	\$12,683,331	\$7,039,750	\$5,923,587	\$5,865,317	\$5,926,135	\$6,250,233	\$9,401,251	\$17,473,884	\$23,373,002	\$29,336,612	\$24,841,213	\$22,540,728	\$170,655,042
(38) Inventory Finance	\$53,892	\$67,526	\$77,259	\$84,218	\$88,985	\$96,268	\$103,467	\$101,836	\$98,993	\$79,855	\$69,290	\$65,345	\$986,934
(39) Working Capital	\$63,084	\$34,801	\$29,207	\$28,915	\$29,220	\$46,678	\$70,572	\$131,597	\$176,516	\$221,736	\$187,649	\$169,036	\$1,189,010
(40) NGPMP Credits	(\$908,333)	(\$908,333)	\$1,110,429	(\$908,333)	(\$908,333)	\$102,206	(\$908,333)	(\$333,333)	(\$333,333)	(\$273,380)	(\$333,333)	(\$1,094,057)	(\$5,696,468)
(41) Total Costs	\$11,891,973	\$6,233,743	\$7,140,482	\$5,070,117	\$5,136,006	\$6,495,385	\$8,666,957	\$17,373,984	\$23,315,177	\$29,364,823	\$24,764,818	\$21,681,052	\$167,134,518
(42) Revenue	\$26,491,974	\$14,770,652	\$5,987,251	\$4,967,605	\$4,204,872	\$4,234,688	\$6,050,689	\$14,745,421	\$26,244,289	\$31,812,345	\$34,896,180	\$31,141,537	\$205,547,502
(43) Monthly Under/(Over) Recovery	(\$14,600,000)	(\$8,536,910)	\$1,153,232	\$102,512	\$931,134	\$2,260,697	\$2,616,268	\$2,628,563	(\$2,929,111)	(\$2,447,522)	(\$10,131,362)	(\$9,460,484)	(\$38,412,985)
(44) Prelim. Ending Under/(Over) Recovery	\$28,480,682	\$20,024,647	\$21,234,618	\$21,385,944	\$22,371,439	\$24,687,951	\$27,362,887	\$30,063,368	\$27,228,808	\$24,862,846	\$14,809,029	\$5,401,906	
(45) Month's Average Balance	\$35,780,682	\$24,293,101	\$20,658,002	\$21,334,689	\$21,905,871	\$23,557,602	\$26,054,753	\$28,749,086	\$28,693,363	\$26,086,607	\$19,874,710	\$10,132,149	
(46) Interest Rate (BOA Prime minus 200 bps)	2.75%	2.75%	2.88%	3.00%	3.00%	3.03%	3.25%	3.25%	3.35%	3.50%	3.50%	3.50%	
(47) Interest Applied	\$80,874	\$56,739	\$48,815	\$54,360	\$55,815	\$58,668	\$71,918	\$76,763	\$81,560	\$77,545	\$53,362	\$30,119	\$746,538
(48) Gas Purchase Plan Incentives/(Penalties)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,789	\$0	\$0	\$0	\$0	\$17,789
(49) <b>Ending Under/(Over) Recovery W/ Interest</b>	\$28,561,556	\$20,081,386	\$21,283,433	\$21,440,304	\$22,427,254	\$24,746,619	\$27,434,805	\$30,157,919	\$27,310,368	\$24,940,391	\$14,862,391	\$5,432,025	\$5,432,025

<sup>1</sup>For the period Apr. 2018 through Oct. 2018, Dkt 4719; and for the period Nov. 2018 through Mar. 2019, Dkt 4872.

Line (6): In March 2018 the Company included the actual O&M costs associated with the LNG Storage Units at Cumberland LNG facility.

(3) Dkt 4872, Sch. AEL-2, pg 1, line (17), col. (m)	(12) Line (3) + Line (11)	(22) Dkt 4323; Dkt 4770	(30) [Line (19) + Line (29)] ÷ 2	(41) Sum[Lines (37) : (40)]
(4) Sch. 2, line (42)	(13) [Line (3) + Line (12)] ÷ 2	(23) Sch. 5, line (22)	(32) [(Line (30) x Line (31)) ÷ 365] x Line (1)	(42) Line (10) + Line (27)
(5) Dkt 4719; Dkt 4872	(15) [(Line (13) x Line (14)) ÷ 365] x Line (1)	(24) Sch. 5, line (12)	(34) Line (29) + Line (32) + Line (33)	(43) Line (41) - Line (42)
(6) Dkt 4323; Dkt 4770	(16) Dkt 4872	(25) Sch. 4, line (30)	(36) Line (3) + Line (19)	(44) Line (36) + Line (43)
(8) Sch. 4, line (15)	(17) Line (12) + Line (15) + Line (16)	(26) Sum[Lines (20) : (25)]	(37) Sum[Lines (4):(6), (16), (20):(22)]	(45) [(Line (36) + Line (44))] ÷ 2
(9) Sum[Lines (4) : (8)]	(19) Dkt 4872, Sch. AEL-2, pg 1, line (34), col. (m)	(27) Sch. 3, line (30)	(38) Line (23) + Line (24)	(47) Line (15) + Line (32)
(10) Sch. 3, line (13)	(20) Sch. 2, line (94)	(28) Line (26) - Line (27)	(39) Line (8) + Line (25)	(48) Line (33)
(11) Line (9) - Line (10)	(21) Dkt 4719; Dkt 4846	(29) Line (19) + Line (28)	(40) Line (7)	(49) Line (44) + Line (47) + Lin

**Supply Estimates Actuals for Filing**

	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	Apr-Mar
	<u>Actual</u>	(m)											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
<u>Description</u>													
(1) <b>SUPPLY FIXED COSTS - Pipeline Delivery</b>													
(2) Algonquin (East to West, Hubline, AMA credits, Cray Street)	\$1,686,724	\$1,686,476	\$1,597,162	\$1,675,059	\$1,684,411	\$1,686,310	\$1,681,291	\$1,696,807	\$1,674,252	\$1,690,450	\$1,641,927	\$1,635,945	\$20,036,815
(3) TETCO/Texas Eastern	\$714,507	\$714,507	\$714,507	\$714,507	\$717,189	\$717,189	\$717,189	\$717,174	\$717,275	\$717,276	\$724,008	\$724,007	\$8,609,336
(4) Tennessee	\$1,093,271	\$1,136,569	\$1,093,271	\$1,093,271	\$1,093,271	\$1,093,271	\$1,093,277	\$894,722	\$896,722	\$894,722	\$894,723	\$894,723	\$12,171,812
(5) Tennessee Dracut / Demand Everett	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,728	\$250,727	\$250,727	\$250,728	\$250,085	\$1,252,995
(6) Portland Natural Gas Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$279,513	\$214,107	\$250,100	\$225,897	\$251,804	\$1,221,421
(7) Iroquois	\$6,070	\$6,070	\$6,070	\$6,070	\$6,070	\$6,070	\$5,264	\$5,667	\$5,667	\$5,667	\$5,667	\$5,667	\$70,019
(8) Union	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(9) Transcanada to East Hereford Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(10) Transcanada to Waddington Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(11) Dominion	(\$28,532)	(\$28,532)	(\$28,532)	(\$34,537)	(\$28,532)	(\$28,532)	(\$28,532)	\$2,241	\$2,242	\$2,242	\$2,242	\$2,241	(\$194,523)
(12) Transco	\$4,848	\$5,010	\$13,331	(\$3,473)	\$5,010	\$4,848	\$5,010	\$3,918	\$5,010	\$5,010	\$4,525	\$5,010	\$58,054
(13) Millenium Demand	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$158,357	\$158,357	\$175,323	\$492,037
(14) National Fuel	\$68	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$68
(15) Columbia	\$288,511	\$288,551	\$241,817	\$290,061	\$290,061	\$290,061	\$297,861	\$549,829	\$46,869	\$302,929	\$321,219	\$320,907	\$3,528,675
(16) Alberta Northeast	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(17) Algonquin AFT (Cray Street)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18) Westerly Lateral													
(19) Less Credits from Mkter Releases	(\$749,190)	(\$1,021,216)	(\$1,021,700)	(\$1,076,285)	(\$1,192,115)	(\$1,178,415)	(\$989,932)	(\$747,435)	(\$754,500)	(\$753,985)	(\$697,080)	(\$740,845)	(\$10,922,699)
(20) <b>Supply Fixed - Supplier</b>													
(21) Distrigas FCS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) <b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(23) <b>STORAGE FIXED COSTS - Facilities</b>													
(24) Texas Eastern	\$84,942	\$84,968	\$84,864	\$84,846	\$85,046	\$85,046	\$85,074	\$85,062	\$84,887	\$84,844	\$85,685	\$85,887	\$1,021,152
(25) Dominion	\$83,088	\$83,088	\$83,088	\$83,088	\$83,088	\$83,088	\$83,088	\$83,089	\$83,089	\$83,089	\$83,091	\$83,091	\$997,068
(26) Tennessee	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$47,277	\$47,277	\$47,277	\$47,277	\$47,277	\$574,743
(27) Columbia	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$116,328
(28) National Grid LNG Tank Lease Payments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$818,700
(29) <b>STORAGE FIXED COSTS - Delivery</b>													
(30) Algonquin	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$215,436	\$2,585,230
(31) TETCO	\$87,605	\$87,605	\$87,605	\$87,605	\$87,605	\$87,605	\$87,605	\$87,618	\$87,618	\$87,618	\$87,618	\$87,618	\$1,051,323
(32) Tennessee	\$88,286	\$88,286	\$88,286	\$88,286	\$88,286	\$88,286	\$88,286	\$86,425	\$86,425	\$86,425	\$86,425	\$86,425	\$1,050,128
(33) Dominion	\$30,774	\$30,774	\$30,774	\$30,774	\$30,774	\$30,774	\$30,774	\$30,827	\$30,827	\$30,827	\$30,827	\$30,827	\$369,554
(34) Columbia	\$16,082	\$16,082	\$16,082	\$16,082	\$16,082	\$16,082	\$16,082	\$15,593	\$15,593	\$15,593	\$15,593	\$15,593	\$190,539
(35) NG LNG Tank Lease Payments	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$0	\$0	\$0	\$0	\$0	\$1,146,180
(36) GAZ METRO LNG, LP/BCB LNG Fees: Summer													
(37) Distrigas FLS Call Payment/Engie Gas payment Summer													
(38) ENGIE Gas Demand Payment Winter													
(39) Texla													
(40) Exelon													
(41) Repsol Peaking Supply at Dracut													
(42) <b>TOTAL FIXED COSTS</b>	\$4,640,632	\$4,541,674	\$3,851,320	\$3,926,133	\$3,848,623	\$3,884,767	\$4,069,636	\$4,923,133	\$10,047,853	\$10,511,600	\$10,521,157	\$10,514,015	\$75,280,544

(42) Sum[Lines (2) : (41)]





**GCR Revenue**

	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	Apr-Mar
	<u>Actual</u>	(m)											
<u>Description</u>	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
<b>(1) I. Fixed Cost Revenue</b>													
(2) (a) Low Load dth	3,506,098	1,884,106	735,512	598,017	495,692	462,195	733,926	1,967,849	3,623,285	4,395,055	4,838,129	4,321,115	27,560,979
(3) Fixed Cost Factor	\$1.5395	\$1.5517	\$1.5573	\$1.5619	\$1.5609	\$1.6257	\$1.5584	\$2.7598	\$3.0769	\$3.0864	\$3.0730	\$3.0729	
(4) Low Load Revenue	\$5,397,759	\$2,923,557	\$1,145,389	\$934,061	\$773,704	\$751,381	\$1,143,766	\$5,430,942	\$11,148,626	\$13,565,005	\$14,867,411	\$13,278,328	\$71,359,928
(5) (b) High Load dth	73,508	60,427	47,238	38,449	43,286	49,952	49,143	68,252	94,250	97,195	103,754	95,622	821,076
(6) Fixed Cost Factor	\$1.1401	\$1.1256	\$1.1326	\$1.1366	\$1.1333	\$1.1425	\$1.1338	\$2.0215	\$2.1557	\$2.1528	\$2.1496	\$2.1991	
(7) High Load Revenue	\$83,810	\$68,020	\$53,504	\$43,701	\$49,057	\$57,068	\$55,718	\$137,969	\$203,177	\$209,243	\$223,034	\$210,285	\$1,394,584
(8) Sub-total throughput Dth	3,579,606	1,944,533	782,750	636,465	538,978	512,147	783,069	2,036,101	3,717,535	4,492,250	4,941,883	4,416,737	28,382,055
(9) FT-2 Storage Revenue from marketers	\$306,325	\$370,929	\$176,817	\$177,698	\$179,587	\$182,168	\$180,904	\$181,030	\$438,529	\$456,099	\$834,523	\$667,640	\$4,152,248
(10) Manchester Steet Volumes (dth)	1,253	1,440	1,010	1,175	1,027	935	927	1,074	939	276	93	390	
(11) Fixed cost factor (dth)	1.6027	1.6027	1.6027	1.6027	1.6027	1.5819	1.5819	3.1326	3.1326	3.1326	3.1326	3.1326	
(12) Manchester Street Revenue	\$2,008	\$2,307	\$1,618	\$1,882	\$1,645	\$1,479	\$1,466	\$3,365	\$2,942	\$863	\$291	\$1,220	\$21,088
(13) <b>TOTAL Fixed Revenue</b>	\$5,789,902	\$3,364,813	\$1,377,328	\$1,157,343	\$1,003,994	\$992,096	\$1,381,854	\$5,753,304	\$11,793,274	\$14,231,210	\$15,925,259	\$14,157,473	\$76,927,848
<b>(14) II. Variable Cost Revenue</b>													
(15) (a) Firm Sales dth	3,579,606	1,944,533	782,750	636,465	538,978	512,147	783,069	2,036,101	3,717,535	4,492,250	4,941,883	4,416,737	28,382,055
(16) Variable Supply Cost Factor	\$5.7770	\$5.8197	\$5.8402	\$5.8579	\$5.8523	\$6.0757	\$5.8446	\$4.4243	\$3.8394	\$3.8514	\$3.8348	\$3.8366	
(17) Variable Supply Revenue	\$20,679,478	\$11,316,629	\$4,571,452	\$3,728,359	\$3,154,276	\$3,111,649	\$4,576,724	\$9,008,290	\$14,272,982	\$17,301,264	\$18,951,160	\$16,945,374	\$127,617,635
(18) (b) TSS Sales dth	20,288	14,962	31	234	527	11	3,264	4,645	7,989	12,544	18,021	22,110	104,626
(19) TSS Surcharge Factor	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.2530	\$0.0000	\$0.0000	\$0.0000	
(20) TSS Surcharge Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,021	\$0	\$0	\$0	\$2,021
(21) (c) Default Sales dth	10,571	8,376	1,824	1,291	1,141	5,842	4,501	4,141	13,049	12,180	9,490	4,628	77,033
(22) Variable Supply Cost Factor	(\$1.03)	\$5.44	(\$19.11)	\$4.33	\$6.40	\$13.48	\$5.05	\$6.73	\$11.68	\$23.50	\$10.64	\$7.62	
(23) Variable Supply Revenue	(\$10,899)	\$45,559	(\$34,852)	\$5,587	\$7,307	\$78,745	\$22,734	\$27,868	\$152,391	\$286,217	\$101,016	\$35,265	\$716,938
(24) (d) Peaking Gas Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(25) (e) Deferred Responsibility	\$25,960	\$34,997	\$67,253	\$69,254	\$33,122	\$46,650	\$63,877	(\$48,241)	\$19,950	(\$7,423)	(\$81,618)	\$1,903	\$225,685
(26) (e) FT-1 Storage and Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(27) Manchester Steet Volumes (dth)	1,253	1,440	1,010	1,175	1,027	935	927	1,074	939	276	93	390	
(28) Variable Supply Cost Factor (dth)	\$6.0123	\$6.0123	\$6.0123	\$6.0123	\$6.0123	\$5.9344	\$5.9344	\$3.9093	\$3.9093	\$3.9093	\$3.9093	\$3.9093	
(29) Manchester Street Revenue	\$7,533	\$8,656	\$6,071	\$7,061	\$6,173	\$5,548	\$5,501	\$4,199	\$3,671	\$1,077	\$364	\$1,523	\$57,376
(30) <b>TOTAL Variable Revenue</b>	\$20,702,072	\$11,405,840	\$4,609,923	\$3,810,262	\$3,200,878	\$3,242,592	\$4,668,835	\$8,992,116	\$14,451,015	\$17,581,135	\$18,970,922	\$16,984,064	\$128,619,655
(31) <b>Total Gas Cost Revenue (w/o FT-2)</b>	\$26,491,974	\$14,770,652	\$5,987,251	\$4,967,605	\$4,204,872	\$4,234,688	\$6,050,689	\$14,745,421	\$26,244,289	\$31,812,345	\$34,896,180	\$31,141,537	\$205,547,502

Lines (12) and (29): Pursuant to the Division of Public Utilities and Carriers' approval in Docket No. D-15-04 of the Company's transportation contract for gas delivered to Manchester St. Station, beginning in July 2015, the Company is crediting imputed revenue to offset the gas costs associated with heater gas used at Manchester St. Station

- |   |                            |   |
|---|----------------------------|---|
| (2) Sch. 6, Sum[lines (24) : (28), (30)]        | (15) Line (8)              | (28) Inherent in approved GCR               |
| (3) Line (4) + Line (2)                         | (16) Line (17) + Line (15) | (29) Line (27) x Line (28)                  |
| (5) Sch. 6, Sum[lines (22), (23), (29), (31)]   | (18) Sch. 6, line (20)     | (30) Sum[Lines (17), (20), (23):(26), (29)] |
| (6) Line (7) + Line (5)                         | (19) Company's website     | (31) Line (13) + Line (30)                  |
| (8) Line (2) + Line (5)                         | (20) Line (18) x Line (19) |   |
| (10) Monthly Meter Use                          | (21) Sch. 6, line (61)     |   |
| (11) Inherent in approved GCR                   | (22) Line (23) + Line (21) |   |
| (12) Line (10) x Line (11)                      | (25) Company Data          |   |
| (13) Line (4) + Line (7) + Line (9) + Line (12) | (27) Monthly Meter Use     |   |

**WORKING CAPITAL**

Description	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-Mar</u>
	Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Actual (k)	Actual (l)	(m)
(1) <b>Supply Fixed Costs</b>	\$4,640,632	\$4,541,674	\$3,851,320	\$3,926,133	\$3,848,623	\$3,884,767	\$4,069,636	\$4,923,133	\$10,047,853	\$10,511,600	\$10,521,157	\$10,514,015	\$75,280,544
(2) Less: System Pressure to DAC	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	\$0	\$0	\$0	\$0	\$0	(\$1,839,600)
(3) Plus: Supply Related LNG O&M Costs <sup>1</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4) Total Adjustments	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	\$0	\$0	\$0	\$0	\$0	(\$1,839,600)
(5) Allowable Working Capital Costs	\$4,377,832	\$4,278,874	\$3,588,520	\$3,663,333	\$3,585,823	\$3,621,967	\$3,806,836	\$4,923,133	\$10,047,853	\$10,511,600	\$10,521,157	\$10,514,015	\$73,440,944
(6) Number of Days Lag	21.51	21.51	21.51	21.51	21.51	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92
(7) Working Capital Requirement	\$257,992	\$252,161	\$211,477	\$215,886	\$211,318	\$326,672	\$343,345	\$444,026	\$906,234	\$948,060	\$948,922	\$948,278	
(8) Cost of Capital	7.26%	7.26%	7.26%	7.26%	7.26%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	
(9) Return on Working Capital Requirement	\$18,730	\$18,307	\$15,353	\$15,673	\$15,342	\$23,357	\$24,549	\$31,748	\$64,796	\$67,786	\$67,848	\$67,802	
(10) Weighted Cost of Debt	2.58%	2.58%	2.58%	2.58%	2.58%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	
(11) Interest Expense	\$6,656	\$6,506	\$5,456	\$5,570	\$5,452	\$7,905	\$8,309	\$10,745	\$21,931	\$22,943	\$22,964	\$22,948	
(12) Taxable Income	\$12,074	\$11,801	\$9,897	\$10,103	\$9,890	\$15,452	\$16,240	\$21,002	\$42,865	\$44,843	\$44,884	\$44,854	
(13) 1 - Combined Tax Rate <sup>2</sup>	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(14) Return and Tax Requirement	\$15,284	\$14,938	\$12,528	\$12,789	\$12,519	\$19,559	\$20,557	\$26,585	\$54,259	\$56,764	\$56,815	\$56,777	
(15) <b>Supply Fixed Working Capital Requirement</b>	\$21,940	\$21,444	\$17,984	\$18,359	\$17,971	\$27,464	\$28,866	\$37,331	\$76,190	\$79,707	\$79,779	\$79,725	\$506,760
(16) <b>Supply Variable Costs</b>	\$8,209,810	\$2,665,186	\$2,239,378	\$2,106,295	\$2,244,622	\$2,533,927	\$5,500,076	\$12,431,758	\$13,230,810	\$18,730,672	\$14,225,717	\$11,778,191	\$95,896,441
(17) Less: Bal. Related Syst. Pressure Commodity to DAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18) Plus: Supply Related LNG O&M Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(19) Total Adjustments	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20) Allowable Working Capital Costs	\$8,209,810	\$2,665,186	\$2,239,378	\$2,106,295	\$2,244,622	\$2,533,927	\$5,500,076	\$12,431,758	\$13,230,810	\$18,730,672	\$14,225,717	\$11,778,191	\$95,896,441
(21) Number of Days Lag	21.51	21.51	21.51	21.51	21.51	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92
(22) Working Capital Requirement	\$483,816	\$157,063	\$131,970	\$124,127	\$132,279	\$228,539	\$496,062	\$1,121,242	\$1,193,310	\$1,689,353	\$1,283,043	\$1,062,296	
(23) Cost of Capital	7.26%	7.26%	7.26%	7.26%	7.26%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	
(24) Return on Working Capital Requirement	\$35,125	\$11,403	\$9,581	\$9,012	\$9,603	\$16,341	\$35,468	\$80,169	\$85,322	\$120,789	\$91,738	\$75,954	
(25) Weighted Cost of Debt	2.58%	2.58%	2.58%	2.58%	2.58%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	
(26) Interest Expense	\$12,482	\$4,052	\$3,405	\$3,202	\$3,413	\$5,531	\$12,005	\$27,134	\$28,878	\$40,882	\$31,050	\$25,708	
(27) Taxable Income	\$22,643	\$7,351	\$6,176	\$5,809	\$6,191	\$10,810	\$23,464	\$53,035	\$56,444	\$79,906	\$60,688	\$50,247	
(28) 1 - Combined Tax Rate <sup>2</sup>	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(29) Return and Tax Requirement	\$28,662	\$9,305	\$7,818	\$7,353	\$7,836	\$13,683	\$29,701	\$67,133	\$71,448	\$101,147	\$76,820	\$63,603	
(30) <b>Supply Variable Working Capital Requirement</b>	\$41,144	\$13,357	\$11,223	\$10,556	\$11,249	\$19,214	\$41,706	\$94,267	\$100,326	\$142,030	\$107,870	\$89,311	\$682,251

<sup>1</sup>For the period Apr. 2018 through Oct. 2018, Dkt 4323; and for the period Nov. 2018 through Mar. 2019, Dkt 4770.

<sup>2</sup>For the period Apr. 2018 through Dec. 2018, Dkt 4323; and for the period Jan. 2019 through Mar. 2019, Dkt 4770

(1) Sch.1, line (4)  
 (2) Sch.1, line (5)  
 (3) Dkt 4323; Dkt 4770  
 (4) Line (2) + Line (3)  
 (5) Line (1) + Line (4)  
 (6) Dkt 4323; Dkt 4770

(7) [Line (5) x Line (6)] ÷ 365  
 (8) Dkt 4339; Dkt 4770  
 (9) Line (7) x Line (8)  
 (10) Dkt 4339; Dkt 4770  
 (11) Line (7) x Line (10)  
 (12) Line (9) - Line (11)

(13) Dkt 4323; Dkt 4770  
 (14) Line (12) ÷ Line (13)  
 (15) Line (11) + Line (14)  
 (16) Sch.1, line (20)  
 (17) Sch.1, line (21)  
 (18) Dkt 4323; Dkt 4770

(19) Line (17) + Line (18)  
 (20) Line (16) + Line (19)  
 (21) Dkt 4323; Dkt 4770  
 (22) [Line (20) x Line (21)] ÷ 365  
 (23) Dkt 4339; Dkt 4770  
 (24) Line (22) x Line (23)

(25) Dkt 4339; Dkt 4770  
 (26) Line (22) x Line (25)  
 (27) Line (24) - Line (26)  
 (28) Dkt 4323; Dkt 4770  
 (29) Line (27) ÷ Line (28)  
 (30) Line (26) + Line (29)

**INVENTORY FINANCE**

	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-Mar</u>
	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
<u>Description</u>													
(1) <b>Storage Inventory Balance</b>	\$5,648,954	\$6,748,103	\$7,942,915	\$8,707,995	\$9,205,400	\$10,308,042	\$11,196,336	\$10,980,779	\$10,290,067	\$8,152,003	\$6,388,367	\$5,560,743	
(2) Monthly Storage Deferral/Amortization	<u>\$3,293</u>	<u>\$4,862</u>	<u>\$10,626</u>	<u>(\$20,236)</u>	<u>(\$59,495)</u>	<u>(\$131,407)</u>	<u>(\$164,962)</u>	<u>(\$160,013)</u>	<u>(\$120,422)</u>	<u>(\$74,233)</u>	<u>(\$32,992)</u>	<u>\$1</u>	
(3) <b>Subtotal</b>	\$5,652,247	\$6,752,965	\$7,953,541	\$8,687,760	\$9,145,905	\$10,176,636	\$11,031,374	\$10,820,767	\$10,169,645	\$8,077,770	\$6,355,375	\$5,560,744	
(4) Cost of Capital	7.26%	7.26%	7.26%	7.26%	7.26%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	
(5) Return on Working Capital Requirement	\$410,353	\$490,265	\$577,427	\$630,731	\$663,993	\$727,629	\$788,743	\$773,685	\$727,130	\$577,561	\$454,409	\$397,593	\$7,219,520
(6) Weighted Cost of Debt	2.58%	2.58%	2.58%	2.58%	2.58%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	
(7) Interest Charges Financed	\$145,828	\$174,226	\$205,201	\$224,144	\$235,964	\$246,275	\$266,959	\$261,863	\$246,105	\$195,482	\$153,800	\$134,570	\$2,490,418
(8) Taxable Income	\$264,525	\$316,039	\$372,226	\$406,587	\$428,028	\$481,355	\$521,784	\$511,822	\$481,024	\$382,079	\$300,609	\$263,023	
(9) 1 - Combined Tax Rate <sup>1</sup>	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(10) Return and Tax Requirement	\$334,842	\$400,049	\$471,172	\$514,667	\$541,808	\$609,310	\$660,486	\$647,876	\$608,891	\$483,644	\$380,518	\$332,941	\$5,986,204
(11) Working Capital Requirement	\$480,670	\$574,276	\$676,373	\$738,811	\$777,772	\$855,585	\$927,445	\$909,739	\$854,997	\$679,126	\$534,318	\$467,511	\$8,476,623
(12) Monthly Average	\$40,056	\$47,856	\$56,364	\$61,568	\$64,814	\$71,299	\$77,287	\$75,812	\$71,250	\$56,594	\$44,527	\$38,959	\$706,385
(13) <b>LNG Inventory Balance</b>	\$1,952,417	\$2,775,547	\$2,948,436	\$3,196,141	\$3,410,636	\$3,563,891	\$3,736,746	\$3,714,465	\$3,959,875	\$3,320,144	\$3,534,582	\$3,766,155	
(14) Cost of Capital	7.26%	7.26%	7.26%	7.26%	7.26%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	7.15%	
(15) Return on Working Capital Requirement	\$141,745	\$201,505	\$214,056	\$232,040	\$247,612	\$254,818	\$267,177	\$265,584	\$283,131	\$237,390	\$252,723	\$269,280	\$2,867,062
(16) Weighted Cost of Debt	2.58%	2.58%	2.58%	2.58%	2.58%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	2.42%	
(17) Interest Charges Financed	\$50,372	\$71,609	\$76,070	\$82,460	\$87,994	\$86,246	\$90,429	\$89,890	\$95,829	\$80,347	\$85,537	\$91,141	\$987,926
(18) Taxable Income	\$91,373	\$129,896	\$137,987	\$149,579	\$159,618	\$168,572	\$176,748	\$175,694	\$187,302	\$157,043	\$167,186	\$178,139	
(19) 1 - Combined Tax Rate <sup>1</sup>	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	
(20) Return and Tax Requirement	\$115,662	\$164,425	\$174,667	\$189,341	\$202,048	\$213,382	\$223,732	\$222,398	\$237,091	\$198,788	\$211,628	\$225,493	\$2,378,654
(21) Working Capital Requirement	\$166,034	\$236,034	\$250,736	\$271,801	\$290,042	\$299,628	\$314,161	\$312,288	\$332,920	\$279,136	\$297,164	\$316,634	\$3,366,580
(22) Monthly Average	\$13,836	\$19,669	\$20,895	\$22,650	\$24,170	\$24,969	\$26,180	\$26,024	\$27,743	\$23,261	\$24,764	\$26,386	\$280,548
(23) TOTAL GCR Inventory Financing Costs	\$53,892	\$67,526	\$77,259	\$84,218	\$88,985	\$96,268	\$103,467	\$101,836	\$98,993	\$79,855	\$69,290	\$65,345	\$986,934

<sup>1</sup>For the period Apr 2018 through Dec 2018, Dkt 4323; and for the period Jan. 2019 through Mar. 2019, Dkt 4770

(3) Line (1) + Line (2)	(10) Line (8) ÷ Line (9)	(18) Line (15) - Line (17)
(4) Dkt 4323; Dkt 4770	(11) Line (7) + Line (10)	(19) Dkt 4323; Dkt 4770
(5) Line (3) x Line (4)	(12) Line (11) ÷ 12	(20) Line (18) ÷ Line (19)
(6) Dkt 4323; Dkt 4770	(14) Dkt 4323; Dkt 4770	(21) Line (17) + Line (20)
(7) Line (3) x Line (6)	(15) Line (13) x Line (14)	(22) Line (21) ÷ 12
(8) Line (5) - Line (7)	(16) Dkt 4323; Dkt 4770	(23) Line (12) + Line (22)
(9) Dkt 4323; Dkt 4770	(17) Line (13) x Line (16)	

**Actual Dth Usage for Filing**

	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Jul-18</u>	<u>Aug-18</u>	<u>Sep-18</u>	<u>Oct-18</u>	<u>Nov-18</u>	<u>Dec-18</u>	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-Mar</u>
	<u>Actual</u>												
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
<b><u>THROUGHPUT (Dth)</u></b>													
<b><u>Rate Class</u></b>													
(1) <b>SALES</b>													
(2) Residential Non-Heating	41,610	30,778	20,876	17,267	14,401	16,043	17,997	28,624	44,208	51,962	56,127	48,978	388,871
(3) Residential Non-Heating Low Income	1,176	992	550	458	358	406	497	914	1,605	2,013	2,342	2,560	13,869
(4) Residential Heating	2,449,113	1,306,376	501,624	399,062	327,622	275,453	496,524	1,400,863	2,525,446	3,077,706	3,353,125	2,973,585	19,086,499
(5) Residential Heating Low Income	191,545	117,403	50,413	40,182	33,300	38,800	48,836	122,425	224,680	259,884	295,562	274,215	1,697,243
(6) Small C&I	319,554	154,805	52,206	43,437	41,661	38,485	46,372	155,155	324,135	401,172	469,574	406,681	2,453,236
(7) Medium C&I	414,692	234,444	118,691	99,018	84,532	101,217	125,311	238,873	446,128	523,894	568,178	521,885	3,476,863
(8) Large LLF	99,605	52,679	10,910	15,118	7,487	9,085	13,217	42,808	85,435	109,786	123,101	112,566	681,798
(9) Large HLF	27,181	21,738	20,612	15,327	15,442	18,551	21,143	24,988	35,430	32,075	36,915	35,527	304,930
(10) Extra Large LLF	11,137	5,738	1,636	966	564	(856)	628	3,443	10,432	11,894	12,332	11,857	69,772
(11) Extra Large HLF	3,705	4,618	5,200	5,396	13,084	14,952	9,280	13,364	12,047	9,321	6,607	6,774	104,348
(12) Total Sales	3,559,318	1,929,572	782,719	636,232	538,451	512,136	779,805	2,031,456	3,709,546	4,479,706	4,923,862	4,394,626	28,277,429
(13) <b>TSS</b>													
(14) Small	895	409	5	0	31	0	63	87	653	1,467	2,927	2,826	9,363
(15) Medium	11,034	8,187	27	234	496	11	2,975	3,405	5,698	7,429	12,211	16,374	68,079
(16) Large LLF	8,523	4,065	0	0	0	0	0	792	678	1,824	1,120	1,126	18,127
(17) Large HLF	(164)	2,302	0	0	0	0	226	362	960	1,825	1,763	1,784	9,057
(18) Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
(19) Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
(20) Total TSS	20,288	14,962	31	234	527	11	3,264	4,645	7,989	12,544	18,021	22,110	104,626
(21) <b>Sales &amp; TSS THROUGHPUT</b>													
(22) Residential Non-Heating	41,610	30,778	20,876	17,267	14,401	16,043	17,997	28,624	44,208	51,962	56,127	48,978	388,871
(23) Residential Non-Heating Low Income	1,176	992	550	458	358	406	497	914	1,605	2,013	2,342	2,560	13,869
(24) Residential Heating	2,449,113	1,306,376	501,624	399,062	327,622	275,453	496,524	1,400,863	2,525,446	3,077,706	3,353,125	2,973,585	19,086,499
(25) Residential Heating Low Income	191,545	117,403	50,413	40,182	33,300	38,800	48,836	122,425	224,680	259,884	295,562	274,215	1,697,243
(26) Small C&I	320,449	155,214	52,211	43,437	41,692	38,485	46,435	155,242	324,788	402,639	472,501	409,507	2,462,599
(27) Medium C&I	425,727	242,631	118,718	99,252	85,028	101,228	128,286	242,277	451,826	531,323	580,388	538,259	3,544,942
(28) Large LLF	108,127	56,744	10,910	15,118	7,487	9,085	13,217	43,600	86,113	111,610	124,222	113,693	699,924
(29) Large HLF	27,017	24,039	20,612	15,327	15,442	18,551	21,369	25,350	36,391	33,899	38,678	37,311	313,988
(30) Extra Large LLF	11,137	5,738	1,636	966	564	(856)	628	3,443	10,432	11,894	12,332	11,857	69,772
(31) Extra Large HLF	3,705	4,618	5,200	5,396	13,084	14,952	9,280	13,364	12,047	9,321	6,607	6,774	104,348
(32) Total Sales & TSS Throughput	3,579,606	1,944,533	782,750	636,465	538,978	512,147	783,069	2,036,101	3,717,535	4,492,250	4,941,883	4,416,737	28,382,055
(33) <b>FT-1 TRANSPORTATION</b>													
(34) FT-1 Small	0	0	0	0	0	0	0	0	0	0	0	0	0
(35) FT-1 Medium	79,406	56,114	28,324	22,817	20,955	20,870	22,623	42,554	65,561	94,793	108,699	79,637	642,352
(36) FT-1 Large LLF	131,498	92,626	28,406	18,764	32,310	(2,444)	16,294	54,058	98,982	138,472	175,314	125,222	909,502
(37) FT-1 Large HLF	46,793	38,856	32,470	28,689	28,219	31,424	33,671	39,348	42,147	50,025	63,686	49,247	484,573
(38) FT-1 Extra Large LLF	171,030	126,757	46,116	25,013	21,466	22,009	26,872	85,429	156,894	206,744	260,878	198,172	1,347,380
(39) FT-1 Extra Large HLF	544,355	492,894	435,486	425,787	433,065	404,357	432,611	476,792	495,313	572,912	626,515	482,449	5,822,536
(40) Default	10,571	8,376	1,824	1,291	1,141	5,842	4,501	4,141	13,049	12,180	9,490	4,628	77,033
(41) Total FT-1 Transportation	983,653	815,622	572,624	522,361	537,155	482,057	536,572	702,322	871,946	1,075,127	1,244,582	939,355	9,283,376
(42) <b>FT-2 TRANSPORTATION</b>													
(43) FT-2 Small	17,792	9,661	3,132	1,963	2,288	1,681	3,337	10,714	22,111	27,462	30,579	27,409	158,129
(44) FT-2 Medium	225,062	142,061	67,418	55,558	46,178	49,653	65,449	145,470	250,911	293,954	318,123	287,000	1,946,836
(45) FT-2 Large LLF	174,043	107,417	33,875	20,295	10,994	19,235	33,853	110,634	202,760	227,877	254,917	230,433	1,426,332
(46) FT-2 Large HLF	53,196	39,633	30,068	27,451	25,349	28,130	32,987	45,823	61,380	67,288	72,351	67,250	550,905
(47) FT-2 Extra Large LLF	2,597	1,203	0	0	0	97	416	2,108	4,630	4,957	5,413	5,780	27,201
(48) FT-2 Extra Large HLF	46,933	39,757	42,217	31,497	27,478	30,745	36,826	43,568	48,106	49,008	46,506	50,739	493,381
(49) Total FT-2 Transportation	519,623	339,732	176,710	136,764	112,286	129,541	172,867	358,317	589,897	670,545	727,890	668,612	4,602,783
(50) <b>Total THROUGHPUT</b>													
(51) Residential Non-Heating	41,610	30,778	20,876	17,267	14,401	16,043	17,997	28,624	44,208	51,962	56,127	48,978	388,871
(52) Residential Non-Heating Low Income	1,176	992	550	458	358	406	497	914	1,605	2,013	2,342	2,560	13,869
(53) Residential Heating	2,449,113	1,306,376	501,624	399,062	327,622	275,453	496,524	1,400,863	2,525,446	3,077,706	3,353,125	2,973,585	19,086,499
(54) Residential Heating Low Income	191,545	117,403	50,413	40,182	33,300	38,800	48,836	122,425	224,680	259,884	295,562	274,215	1,697,243
(55) Small C&I	338,241	164,875	55,343	45,400	43,980	40,166	49,772	165,956	346,898	430,101	503,080	436,916	2,620,727
(56) Medium C&I	730,194	440,806	214,459	177,627	152,161	171,751	216,357	430,301	768,298	920,070	1,007,210	904,897	6,134,131
(57) Large LLF	413,668	256,787	73,190	54,177	50,790	25,876	63,364	208,291	387,855	477,959	554,453	469,348	3,035,758
(58) Large HLF	127,007	102,528	83,150	71,467	69,010	78,105	88,026	110,521	139,917	151,212	174,715	153,807	1,349,465
(59) Extra Large LLF	184,765	133,699	47,753	25,980	22,030	21,249	27,916	90,980	171,955	223,594	278,624	215,809	1,444,353
(60) Extra Large HLF	594,993	537,269	482,903	462,680	473,627	450,053	478,717	533,724	555,466	631,242	679,629	539,961	6,420,265
(61) Default	10,571	8,376	1,824	1,291	1,141	5,842	4,501	4,141	13,049	12,180	9,490	4,628	77,033
(62) Total Throughput	5,082,882	3,099,887	1,532,085	1,295,590	1,188,420	1,123,745	1,492,508	3,096,740	5,179,377	6,237,922	6,914,355	6,024,703	42,268,214