

June 29, 2018

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: 2018 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, 2018, 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 \$42.8 million,<sup>2</sup> as shown on Schedule 1, Line (52).
- 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 charges.
- Schedule 6 presents actual customer throughput for each rate class.

This filing also includes a Motion for Protective Treatment of Confidential Information in accordance with Rule 1.2(g) 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

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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, 2018 reconciliation balance of \$42,820,863 is the same as the balance reflected in the May 2018 Monthly Deferred Report filed on June 20, 2018 in Docket No. 4719, at Schedule 1, Column (f), Line (37).

Luly E. Massaro, Commission Clerk  
2018 Annual Gas Cost Recovery Reconciliation  
June 29, 2018  
Page 2 of 2

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 401-784-7415.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'RH', with a long horizontal flourish extending to the right.

Robert J. Humm

Enclosure

cc: Docket 4719 Service List  
Leo Wold, Esq.  
Al Mancini  
John Bell  
Bruce Oliver

**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS**  
**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

2018 Annual Gas Cost Recovery Filing Reconciliation	)	Docket No. _____
	)	
	)	
	)	

**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 1.2(g) 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 1.2(g)(2).

**I. BACKGROUND**

On June 28, 2018, National Grid filed with the PUC its 2018 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 1.2(g) 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 which 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 40.

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 2018 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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Robert J. Humm, Esq. (#7920)  
National Grid  
280 Melrose Street  
Providence, RI 02907  
(401) 784-7415  
Dated: June 29, 2018

**Deferred Gas Cost Balances**

Line No.	Description	Reference	Apr Actual	May Actual	Jun Actual	Jul Actual	Aug Actual	Sep Actual	Oct Actual	Nov Actual	Dec Actual	Jan Actual	Feb Actual	Mar Actual	Apr-Mar
			30	31	30	31	31	30	31	30	31	31	28	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
(1)	# of Days in Month		30	31	30	31	31	30	31	30	31	31	28	31	365
(2)	<b>I. Fixed Cost Deferred</b>														
		Dkt 4719, Sch. AEL-2, pg 1,													
(3)	Beginning Under/(Over) Recovery	line (18), col. (m)	(\$11,826,387)	(\$13,164,136)	(\$12,103,896)	(\$8,333,016)	(\$6,320,297)	(\$4,039,436)	(\$1,062,216)	\$1,106,719	\$2,186,800	\$518,946	(\$581,186)	(\$2,969,802)	(\$11,826,387)
(4)															
(5)	Supply Fixed Costs (net of cap rel)	Sch. 2, line (38)	\$4,016,513	\$4,152,016	\$3,809,981	\$4,111,094	\$4,301,052	\$4,168,740	\$4,210,987	\$4,342,453	\$4,432,787	\$6,107,148	\$6,139,000	\$6,028,767	\$55,820,539
(6)	LNG/System Pressure to DAC / (Crary St.) <sup>1</sup>	Dkt 4339; Dkt 4719	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$2,182,461)
(7)	Supply Related LNG O & M	Dkt 4323	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
(8)	NGPMP Credits		(\$1,171,974)	(\$1,141,667)	\$1,327,146	(\$1,141,667)	(\$1,141,667)	(\$295,622)	(\$1,141,667)	(\$908,333)	(\$908,333)	\$2,132,622	(\$908,333)	\$1,284,351	(\$4,015,143)
(9)	Working Capital	Sch. 4, line (15)	\$22,434	\$23,215	\$21,244	\$22,979	\$24,074	\$23,311	\$23,555	\$23,513	\$24,034	\$29,289	\$29,449	\$28,897	\$295,994
(10)	Total Supply Fixed Costs	Sum(5) : (9)	\$2,790,872	\$2,957,464	\$5,082,271	\$2,916,306	\$3,107,359	\$3,820,329	\$3,016,774	\$3,242,798	\$3,333,652	\$8,054,225	\$5,045,281	\$7,127,180	\$50,494,510
(11)	Supply Fixed - Revenue	Sch. 3, line (13)	\$4,108,098	\$1,875,782	\$1,293,559	\$889,599	\$816,609	\$838,395	\$847,882	\$2,201,823	\$5,004,233	\$9,154,290	\$7,430,496	\$6,826,074	\$41,286,841
(12)	Monthly Under/(Over) Recovery	(10) - (11)	(\$1,317,226)	\$1,081,682	\$3,788,712	\$2,026,707	\$2,290,750	\$2,981,934	\$2,168,892	\$1,040,975	(\$1,670,580)	(\$1,100,066)	(\$2,385,215)	\$301,106	\$9,207,669
(13)	Prelim. Ending Under/(Over) Recovery	(3) + (12)	(\$13,143,612)	(\$12,082,454)	(\$8,315,184)	(\$6,306,309)	(\$4,029,547)	(\$1,057,503)	\$1,106,676	\$2,147,693	\$516,220	(\$581,119)	(\$2,966,401)	(\$2,668,697)	(\$2,618,717)
(14)	Month's Average Balance	[(3) + (13)] ÷ 2	(\$12,485,000)	(\$12,623,295)	(\$10,209,540)	(\$7,319,663)	(\$5,174,922)	(\$2,548,469)	\$22,230	\$1,627,206	\$1,351,510	(\$31,087)	(\$1,773,793)	(\$2,819,249)	
(15)	Interest Rate (BOA Prime minus 200 bps)		2.00%	2.00%	2.13%	2.25%	2.25%	2.25%	2.25%	2.25%	2.38%	2.50%	2.50%	2.58%	
(16)	Interest Applied	[(14) x (15)] ÷ 365 x (1)	(\$20,523)	(\$21,442)	(\$17,832)	(\$13,988)	(\$9,889)	(\$4,713)	\$42	\$3,009	\$2,726	(\$66)	(\$3,402)	(\$6,179)	(\$92,256)
(17)	Marketer Reconciliation	Dkt 4719	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$36,098	\$0	\$0	\$0	\$0	\$36,098
(18)	Fixed Ending Under/(Over) Recovery	(13) + (16) + (17)	(\$13,164,136)	(\$12,103,896)	(\$8,333,016)	(\$6,320,297)	(\$4,039,436)	(\$1,062,216)	\$1,106,719	\$2,186,800	\$518,946	(\$581,186)	(\$2,969,802)	(\$2,674,876)	(\$2,674,876)
(19)	<b>II. Variable Cost Deferred</b>														
		Dkt 4719, Sch. AEL-2, pg 1,													
(20)	Beginning Under/(Over) Recovery	line (36), col. (m)	\$19,524,584	\$13,611,687	\$12,383,066	\$12,501,947	\$12,843,601	\$13,190,334	\$13,481,096	\$13,703,849	\$17,500,089	\$29,497,784	\$53,249,553	\$47,657,338	\$19,524,584
(21)															
(22)	Variable Supply Costs	Sch. 2, line (85)	\$5,609,288	\$3,862,631	\$3,439,237	\$2,431,631	\$2,213,800	\$2,220,261	\$2,180,410	\$8,944,909	\$22,922,438	\$43,848,371	\$10,958,359	\$12,932,876	\$121,564,211
(23)	Supply Related LNG to DAC	Dkt 4339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(24)	Supply Related LNG O & M	Dkt 4323	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$47,725	\$572,694
(25)	Inventory Financing - LNG	Sch. 5, line (22)	\$17,368	\$18,893	\$22,903	\$27,563	\$31,319	\$31,830	\$31,542	\$32,062	\$21,879	\$11,911	\$11,406	\$11,045	\$269,721
(26)	Inventory Financing - UG	Sch. 5, line (12)	\$41,623	\$50,698	\$60,880	\$71,907	\$78,341	\$83,239	\$85,385	\$80,793	\$69,463	\$47,248	\$40,189	\$35,718	\$745,485
(27)	Working Capital	Sch. 4, line (30)	\$32,329	\$22,262	\$19,822	\$14,015	\$12,759	\$12,796	\$12,567	\$51,554	\$132,114	\$219,749	\$54,919	\$64,814	\$649,700
(28)	Total Supply Variable Costs	Sum((22) : (27))	\$5,748,333	\$4,002,209	\$3,590,567	\$2,592,840	\$2,383,943	\$2,395,851	\$2,357,628	\$9,157,042	\$23,193,618	\$44,175,003	\$11,112,598	\$13,092,178	\$123,801,811
(29)	Supply Variable - Revenue	Sch. 3, line (30)	\$11,688,443	\$5,252,890	\$3,493,398	\$2,275,379	\$2,062,062	\$2,129,729	\$2,160,825	\$5,444,194	\$11,243,275	\$20,510,988	\$16,801,480	\$15,355,752	\$98,418,416
(30)	Monthly Under/(Over) Recovery	(28) - (29)	(\$5,940,110)	(\$1,250,681)	\$97,169	\$317,460	\$321,882	\$266,122	\$196,804	\$3,712,848	\$11,950,343	\$23,664,014	(\$5,688,882)	(\$2,263,574)	\$25,383,395
(31)	Prelim. Ending Under/(Over) Recovery	(20) + (30)	\$13,584,474	\$12,361,007	\$12,480,234	\$12,819,407	\$13,165,483	\$13,456,456	\$13,677,899	\$17,416,697	\$29,450,431	\$53,161,798	\$47,560,671	\$45,393,764	\$44,907,979
(32)	Month's Average Balance	[(20) + (31)] ÷ 2	\$16,554,529	\$12,986,347	\$12,431,650	\$12,660,677	\$13,004,542	\$13,323,395	\$13,579,497	\$15,560,273	\$23,475,260	\$41,329,791	\$50,405,112	\$46,525,551	
(33)	Interest Rate (BOA Prime minus 200 bps)		2.00%	2.00%	2.13%	2.25%	2.25%	2.25%	2.25%	2.25%	2.38%	2.50%	2.50%	2.58%	
(34)	Interest Applied	[(32) x (33)] ÷ 365 x (1)	\$27,213	\$22,059	\$21,713	\$24,194	\$24,851	\$24,639	\$25,950	\$28,776	\$47,352	\$87,755	\$96,667	\$101,974	\$533,143
(35)	Gas Procurement Incentive/(penalty)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,616	\$0	\$0	\$0	\$0	\$54,616
(36)	Variable Ending Under/(Over) Recovery	(31) + (34) + (35)	\$13,611,687	\$12,383,066	\$12,501,947	\$12,843,601	\$13,190,334	\$13,481,096	\$13,703,849	\$17,500,089	\$29,497,784	\$53,249,553	\$47,657,338	\$45,495,738	\$45,495,738
(37)	<b>GCR Deferred Summary</b>														
(38)	Beginning Under/(Over) Recovery	(3) + (20)	\$7,698,197	\$447,551	\$279,169	\$4,168,931	\$6,523,304	\$9,150,898	\$12,418,880	\$14,810,568	\$19,686,889	\$30,016,730	\$52,668,368	\$44,687,536	\$7,698,197
(39)	Gas Costs	Sum(5) : (7),(17),(21) : (24)	\$9,597,425	\$7,986,271	\$7,220,842	\$6,514,348	\$6,486,476	\$6,360,625	\$6,363,020	\$13,156,349	\$27,188,114	\$49,788,409	\$16,930,249	\$18,794,533	\$176,386,662
(40)	Inventory Finance	(25) + (26)	\$58,991	\$69,592	\$83,783	\$99,470	\$109,660	\$115,069	\$116,927	\$112,855	\$91,342	\$59,158	\$51,596	\$46,764	\$1,015,206
(41)	Working Capital	(9) + (27)	\$54,763	\$45,477	\$41,066	\$36,994	\$36,833	\$36,108	\$36,122	\$75,067	\$156,147	\$249,038	\$36,367	\$93,710	\$945,694
(42)	NGPMP Credits	(8)	(\$1,171,974)	(\$1,141,667)	\$1,327,146	(\$1,141,667)	(\$1,141,667)	(\$295,622)	(\$1,141,667)	(\$908,333)	(\$908,333)	\$2,132,622	(\$908,333)	\$1,284,351	(\$4,015,143)
(43)	Total Costs	Sum((39) : (42))	\$8,539,205	\$6,959,673	\$8,672,837	\$5,509,146	\$5,491,302	\$6,216,180	\$5,374,403	\$12,435,937	\$26,527,270	\$52,229,228	\$16,157,879	\$20,219,359	\$174,332,419
(44)	Revenue	(11) + (29)	\$15,796,541	\$7,128,672	\$4,786,957	\$3,164,979	\$2,878,671	\$2,968,124	\$3,008,707	\$7,646,017	\$16,247,508	\$29,665,279	\$24,231,976	\$22,181,827	\$139,705,257
(45)	Monthly Under/(Over) Recovery	(43) - (44)	(\$7,257,335)	(\$1,689,999)	\$3,885,880	\$2,344,167	\$2,612,631	\$3,248,056	\$2,365,695	\$4,789,920	\$10,279,762	\$22,563,949	(\$8,074,097)	(\$1,962,468)	\$34,627,162
(46)	Prelim. Ending Under/(Over) Recovery	(38) + (45)	\$440,862	\$278,553	\$4,165,050	\$6,513,098	\$9,135,936	\$12,398,954	\$14,784,575	\$19,600,488	\$29,966,651	\$52,580,679	\$44,594,270	\$42,725,068	
(47)	Month's Average Balance	[(38) + (46)] ÷ 2	\$4,069,530	\$363,052	\$2,222,110	\$5,341,014	\$7,829,620	\$10,774,926	\$13,601,728	\$17,205,528	\$24,826,770	\$41,298,704	\$48,631,319	\$43,706,302	
(48)	Interest Rate (BOA Prime minus 200 bps)		2.00%	2.00%	2.13%	2.25%	2.25%	2.25%	2.25%	2.25%	2.38%	2.50%	2.50%	2.58%	
(49)	Interest Applied	(16) + (34)	\$6,690	\$617	\$3,881	\$10,206	\$14,962	\$19,926	\$25,992	\$31,785	\$50,079	\$87,689	\$93,266	\$95,795	\$440,887
(50)	Gas Purchase Plan Incentives/(Penalties)	(35)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$54,616	\$0	\$0	\$0	\$0	\$54,616
(51)															
(52)	<b>Ending Under/(Over) Recovery W/ Interest</b>	(46) + (49) + (50)	\$447,551	\$279,169	\$4,168,931	\$6,523,304	\$9,150,898	\$12,418,880	\$14,810,568	\$19,686,889	\$30,016,730	\$52,668,368	\$44,687,536	\$42,820,863	\$42,820,863

<sup>1</sup>For the period Apr. 2017 through Oct. 2017, Dkt 4323; and for the period Nov. 2018 through Mar. 2018, Dkt 4719.

**Supply Estimates Actuals for Filing**

Line No.	Description	Reference	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	Apr-Mar
			<u>Actual</u>												
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
<b>(1) SUPPLY FIXED COSTS - Pipeline Delivery</b>															
(2)	Algonquin (includes East to West, Hubline, AMA credits)		\$1,470,411	\$1,470,138	\$1,424,299	\$1,552,152	\$1,687,988	\$1,688,461	\$1,683,603	\$1,356,295	\$1,426,147	\$1,426,031	\$1,421,805	\$1,419,555	\$18,026,887
(3)	TETCO/Texas Eastern		\$699,047	\$727,131	\$705,466	\$727,131	\$724,647	\$823,506	\$724,644	\$710,994	\$718,333	\$718,333	\$714,507	\$714,507	\$8,708,246
(4)	Tennessee		\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,228	\$1,093,271	\$1,093,271	\$1,093,271	\$1,093,271	\$1,093,271	\$13,118,954
(5)	Tennessee Dracut for Peaking		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(6)	Iroquois		\$6,267	\$6,263	\$6,273	\$5,959	\$6,273	\$6,273	\$5,869	\$6,070	\$6,146	\$6,070	\$6,070	\$6,070	\$73,604
(7)	Union		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(8)	Transcanada		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(9)	Dominion		(\$28,498)	(\$28,498)	(\$28,498)	(\$28,498)	(\$28,498)	(\$28,498)	(\$28,498)	\$2,295	\$2,295	\$2,295	\$2,295	\$2,295	(\$188,011)
(10)	Transco		\$4,858	\$5,011	\$4,873	\$5,016	\$5,015	\$4,854	\$5,015	\$4,854	\$5,015	\$5,015	\$4,530	\$5,016	\$59,073
(11)	National Fuel		\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$4,480	\$4,549	\$4,549	\$4,549	\$4,549	\$54,039
(12)	Columbia		\$296,905	\$296,121	\$259,811	\$297,551	\$300,652	\$300,652	\$308,696	\$307,936	\$307,936	\$295,136	\$298,989	\$269,412	\$3,539,796
(13)	Alberta Northeast		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(14)	Algonquin AFT (Crary Street)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,800	\$262,800	\$262,800	\$262,800	\$262,800	\$1,314,000
(15)	Westerly Lateral														
(16)	Less Credits from Mkter Releases		(\$804,921)	(\$964,934)	(\$934,595)	(\$1,142,689)	(\$1,012,992)	(\$984,909)	(\$860,407)	(\$671,640)	(\$688,879)	(\$687,392)	(\$637,815)	(\$682,610)	(\$10,073,782)
										\$0	\$0	\$0	\$0	\$0	\$0
(17)	<b>Supply Fixed - Supplier</b>														
(18)	Distrigas FCS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(19)	<b>Total</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>(20) STORAGE FIXED COSTS - Facilities</b>															
(21)	Texas Eastern		\$85,953	\$85,958	\$85,957	\$85,895	\$85,686	\$85,659	\$85,661	\$88,875	\$85,450	\$85,426	\$85,041	\$85,008	\$1,030,569
(22)	Dominion		\$83,117	\$83,117	\$83,117	\$80,566	\$83,117	\$83,117	\$83,117	\$83,088	\$83,088	\$83,088	\$83,088	\$83,088	\$994,708
(23)	Tennessee		\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$580,041
(24)	Columbia		\$9,694	\$9,694	\$9,694	\$12,899	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	\$9,694	(\$24,369)	\$85,470
(25)	Keyspan LNG Tank Lease Payment		\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$163,740	\$1,964,880
<b>(26) STORAGE FIXED COSTS - Delivery</b>															
(27)	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
(28)	TETCO		\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,625	\$87,605	\$87,605	\$87,605	\$87,605	\$87,605	\$1,051,401
(29)	Tennessee		\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$88,286	\$88,286	\$88,286	\$88,286	\$88,286	\$1,059,345
(30)	Dominion		\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$30,774	\$30,774	\$30,774	\$30,774	\$30,774	\$369,020
(31)	Columbia		\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$16,082	\$16,082	\$16,082	\$16,082	\$16,082	\$187,656
(32)	GAZ METRO LNG, LP/BCB LNG Fees: Summer														
(33)	Distrigas FLS Call Payment/Engie Gas payment Summer														
(34)	ENGIE Gas Demand Payment Winter														
(35)	Texla														
(36)	Exelon														
(37)	Repsol Peaking Supply at Dracut														
(38)	<b>TOTAL FIXED COSTS</b>	Sum[(2) : (37)]	\$4,016,513	\$4,152,016	\$3,809,981	\$4,111,094	\$4,301,052	\$4,168,740	\$4,210,987	\$4,342,453	\$4,432,787	\$6,107,148	\$6,139,000	\$6,028,767	\$55,820,539

**Supply Estimates Actuals for Filing**

<u>Line No.</u>	<u>Description</u>	<u>Reference</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr-Mar</u>
			<u>Actual</u> (a)	<u>Actual</u> (b)	<u>Actual</u> (c)	<u>Actual</u> (d)	<u>Actual</u> (e)	<u>Actual</u> (f)	<u>Actual</u> (g)	<u>Actual</u> (h)	<u>Actual</u> (i)	<u>Actual</u> (j)	<u>Actual</u> (k)	<u>Actual</u> (l)	<u>Actual</u> (m)
(39)	<b>VARIABLE SUPPLY COSTS (Includes Injections)</b>														
(40)	Tennessee (Includes ANE and Niagara)														
(41)	TETCO (Includes B&W)														
(42)	M3 Delivered														
(43)	Maumee														
(44)	Broadrun Col														
(45)	Columbia Eagle and Downingtown														
(46)	TETCO M2														
(47)	Dominion to TETCO FTS														
(48)	Transco Leidy														
(49)	DistriGas FCS														
(50)	Hubline														
(51)	Total Pipeline Commodity Charges	Sum[(40) : (50)]	\$4,959,655	\$3,426,776	\$2,978,401	\$1,629,154	\$1,371,218	\$1,543,426	\$1,160,896	\$6,267,229	\$19,836,786	\$38,625,240	\$12,269,909	\$10,110,510	\$104,179,201
(52)	Hedging Settlements and Amortization		(\$226,730)	(\$249,285)	(\$230,885)	\$256,810	\$223,310	\$144,488	\$599,366	\$1,211,420	\$240,620	\$799,725	(\$2,968,937)	\$1,798,727	\$1,598,629
(53)	Hedging Contracts - Commission & Other Fees		\$38,086	\$65,969	\$89,934	(\$110,784)	(\$111,494)	(\$77,462)	(\$171,234)	\$6,189	\$51,886	\$79,326	\$73,596	\$73,578	\$7,590
(54)	Hedging Contracts - Net Carry of Collateral		\$136	\$41	\$726	\$739	\$971	\$570	\$1,017	\$1,141	\$1,517	\$492	\$425	\$609	\$8,385
(55)	Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(56)	Less: Costs of Injections		<u>\$0</u>												
(57)	<b>TOTAL VARIABLE SUPPLY COSTS</b>	Sum[(51) : (56)]	\$4,771,146	\$3,243,501	\$2,838,176	\$1,775,920	\$1,484,005	\$1,611,022	\$1,590,045	\$7,485,980	\$20,130,810	\$39,504,783	\$9,374,993	\$11,983,423	\$105,793,804
(58)	Underground Storage		\$366,734	\$104,774	\$65,745	\$11,389	\$108,211	\$36,897	\$203,561	\$769,274	\$1,530,092	\$2,318,863	\$1,467,313	\$1,098,962	\$8,081,813
(59)	LNG Withdrawals and Trucking		\$61,106	\$65,507	\$58,829	\$79,320	\$88,182	\$76,356	\$78,660	\$70,178	\$1,215,597	\$1,289,263	\$182,675	\$82,699	\$3,348,373
(60)	Storage Delivery Costs		<u>\$0</u>												
(61)	<b>TOTAL VARIABLE STORAGE COSTS</b>	Sum[(58) : (60)]	\$427,840	\$170,280	\$124,573	\$90,710	\$196,393	\$113,253	\$282,221	\$839,453	\$2,745,689	\$3,608,126	\$1,649,988	\$1,181,660	\$11,430,186
(62)	<b>TOTAL VARIABLE COSTS</b>	(57) + (61)	\$5,198,987	\$3,413,781	\$2,962,749	\$1,866,630	\$1,680,398	\$1,724,275	\$1,872,266	\$8,325,432	\$22,876,499	\$43,112,909	\$11,024,981	\$13,165,084	\$117,223,990
(63)	<b>TOTAL SUPPLY COSTS</b>	(38) + (62)	\$9,215,500	\$7,565,797	\$6,772,730	\$5,977,724	\$5,981,450	\$5,893,015	\$6,083,252	\$12,667,886	\$27,309,286	\$49,220,057	\$17,163,981	\$19,193,851	\$173,044,529

**Supply Estimates Actuals for Filing**

Line No.	Description	Reference	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	Apr-Mar
			<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)	
(64)	<b>Storage Costs for FT-2 Calculation</b>														
(65)	<b>Storage Fixed Costs - Facilities</b>		\$390,841	\$390,845	\$390,844	\$391,437	\$390,573	\$390,546	\$390,548	\$393,734	\$390,309	\$390,285	\$389,900	\$355,804	\$4,655,668
(66)	<b>Storage Fixed Costs - Deliveries</b>		<u>\$1,346,802</u>	<u>\$1,346,678</u>	<u>\$1,346,802</u>	<u>\$1,346,802</u>	<u>\$1,346,604</u>	<u>\$1,346,802</u>	<u>\$1,346,802</u>	<u>\$835,058</u>	<u>\$868,336</u>	<u>\$2,529,803</u>	<u>\$2,529,803</u>	<u>\$2,529,803</u>	<u>\$18,720,092</u>
(67)	<b>Sub-Total Storage Costs</b>	Sum[(65) : (66)]	\$1,737,642	\$1,737,523	\$1,737,646	\$1,738,239	\$1,737,177	\$1,737,348	\$1,737,350	\$1,228,792	\$1,258,645	\$2,920,088	\$2,919,703	\$2,885,607	\$23,375,760
(68)	<b>Tennessee Dracut for Peaking.</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(69)	<b>LNG Demand to DAC</b>		(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	\$0	\$0	\$0	\$0	\$0	(\$868,461)
(70)	<b>Inventory Financing</b>		\$58,991	\$69,592	\$83,783	\$99,470	\$109,660	\$115,069	\$116,927	\$112,855	\$91,342	\$59,158	\$51,596	\$46,764	\$1,015,206
(71)	<b>Supply related LNG O&amp;M Costs</b>		\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$47,965	\$575,581
(72)	<b>Working Capital Requirement</b>		<u>\$22,434</u>	<u>\$23,215</u>	<u>\$21,244</u>	<u>\$22,979</u>	<u>\$24,074</u>	<u>\$23,311</u>	<u>\$23,555</u>	<u>\$3,042</u>	<u>\$3,139</u>	<u>\$12,786</u>	<u>\$12,788</u>	<u>\$12,591</u>	<u>\$205,158</u>
(73)	<b>Total FT-2 Storage Fixed Costs</b>	Sum[(67) : (72)]	\$1,742,967	\$1,754,229	\$1,766,572	\$1,784,587	\$1,794,810	\$1,799,628	\$1,801,731	\$1,392,654	\$1,401,090	\$3,039,998	\$3,032,051	\$2,992,926	\$24,303,244
(74)	<b>System Storage MDQ (Dth)</b>		197,169	195,265	195,725	196,282	196,008	198,257	197,918	198,328	206,312	207,316	206,172	204,901	2,399,653
(75)	<b>FT-2 Storage Cost per MDQ (Dth)</b>	(73) ÷ (74)	\$8.8399	\$8.9838	\$9.0258	\$9.0920	\$9.1568	\$9.0773	\$9.1034	\$7.0220	\$6.7911	\$14.6636	\$14.7064	\$14.6067	\$10.1278
(76)	Pipeline Variable	(62)	\$5,198,987	\$3,413,781	\$2,962,749	\$1,866,630	\$1,680,398	\$1,724,275	\$1,872,266	\$8,325,432	\$22,876,499	\$43,112,909	\$11,024,981	\$13,165,084	\$117,223,990
(77)	Less Non-firm Gas Costs		(\$78,559)	(\$94,417)	(\$58,839)	(\$13,851)	(\$23,325)	(\$27,828)	(\$16,731)	(\$69,482)	(\$174,134)	(\$239,752)	(\$363,158)	(\$57,060)	(\$1,217,135)
(78)	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(79)	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(80)	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(81)	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(82)	Mkter Over-takes/Undertakes		(\$105,508)	\$15,217	\$43,725	\$75,333	\$46,857	(\$1,552)	(\$183,249)	\$176,006	(\$10,908)	\$848,773	(\$171,116)	(\$368,635)	\$364,945
(83)	Plus Pipeline Srchg/Credit		\$523,707	\$508,042	\$524,982	\$508,086	\$524,931	\$525,367	\$508,401	\$525,389	\$234,248	\$240,982	\$241,914	\$219,394	\$5,085,444
(84)	Less Mkter FT-2 Daily weather true-up		<u>\$70,662</u>	<u>\$20,006</u>	<u>(\$33,380)</u>	<u>(\$4,567)</u>	<u>(\$15,061)</u>	<u>\$0</u>	<u>(\$278)</u>	<u>(\$12,437)</u>	<u>(\$3,267)</u>	<u>(\$114,542)</u>	<u>\$225,738</u>	<u>(\$25,906)</u>	<u>\$106,968</u>
(85)	<b>TOTAL FIRM COMMODITY COSTS</b>	Sum[(76) : (84)]	\$5,609,288	\$3,862,631	\$3,439,237	\$2,431,631	\$2,213,800	\$2,220,261	\$2,180,410	\$8,944,909	\$22,922,438	\$43,848,371	\$10,958,359	\$12,932,876	\$121,564,211

**GCR Revenue**

Line No.	Description	Reference	<u>Apr Actual</u> (a)	<u>May Actual</u> (b)	<u>Jun Actual</u> (c)	<u>Jul Actual</u> (d)	<u>Aug Actual</u> (e)	<u>Sep Actual</u> (f)	<u>Oct Actual</u> (g)	<u>Nov Actual</u> (h)	<u>Dec Actual</u> (i)	<u>Jan Actual</u> (j)	<u>Feb Actual</u> (k)	<u>Mar Actual</u> (l)	Apr-Mar (m)
(1)	<b><u>I. Fixed Cost Revenue</u></b>														
(2)	(a) Low Load dth	Sch. 6, Sum[lines (24) : (28), (30)]	3,287,888	1,422,256	953,931	611,250	548,313	562,635	575,224	1,478,464	3,055,015	5,627,880	4,518,711	3,523,240	26,164,807
(3)	Fixed Cost Factor	(4) ÷ (2)	\$1.1417	\$1.1421	\$1.1437	\$1.1438	\$1.1423	\$1.1452	\$1.1419	\$1.3460	\$1.5512	\$1.5518	\$1.5521	\$1.8382	
(4)	Low Load Revenue		\$3,753,787	\$1,624,314	\$1,091,018	\$699,147	\$626,351	\$644,356	\$656,855	\$1,989,994	\$4,738,829	\$8,733,379	\$7,013,475	\$6,476,372	\$38,047,879
(5)	(b) High Load dth	Sch. 6, Sum[lines (22), (23), (29), (31)]	71,988	58,887	53,379	40,116	39,976	42,294	39,359	54,755	67,995	92,898	85,624	72,461	719,733
(6)	Fixed Cost Factor	(7) ÷ (5)	\$0.9078	\$0.9080	\$0.9077	\$0.9060	\$0.9076	\$0.9078	\$0.9075	\$1.0189	\$1.1333	\$1.1341	\$1.1383	\$1.3754	
(7)	High Load Revenue		\$65,352	\$53,470	\$48,450	\$36,347	\$36,283	\$38,396	\$35,717	\$55,792	\$77,058	\$105,354	\$97,469	\$99,665	\$749,352
(8)	sub-total throughput Dth	(2) + (5)	3,359,876	1,481,143	1,007,310	651,366	588,289	604,928	614,584	1,533,220	3,123,009	5,720,779	4,604,335	3,595,701	26,884,540
(9)	FT-2 Storage Revenue from marketers		\$287,545	\$196,663	\$152,617	\$152,952	\$152,738	\$154,491	\$154,227	\$154,547	\$187,123	\$314,755	\$318,628	\$249,245	\$2,475,531
(10)	Manchester Steet Volumes (dth)	Monthly Meter Use	1,200	1,132	1,250	978	1,050	977	919	930	763	501	576	495	
(11)	Fixed cost factor (dth)	Inherent in approved GCR	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.1787	\$1.6027	\$1.6027	\$1.6027	\$1.6027	\$1.6027	
(12)	Manchester Street Revenue	(10) x (11)	\$1,414	\$1,335	\$1,473	\$1,153	\$1,238	\$1,152	\$1,083	\$1,490	\$1,222	\$802	\$924	\$793	\$14,079
(13)	<b>TOTAL Fixed Revenue</b>	(4) + (7) + (9) + (12)	\$4,108,098	\$1,875,782	\$1,293,559	\$889,599	\$816,609	\$838,395	\$847,882	\$2,201,823	\$5,004,233	\$9,154,290	\$7,430,496	\$6,826,074	\$41,286,841
(14)	<b><u>II. Variable Cost Revenue</u></b>														
(15)	(a) Firm Sales dth	(8)	3,359,876	1,481,143	1,007,310	651,366	588,289	604,928	614,584	1,533,220	3,123,009	5,720,779	4,604,335	3,595,701	26,884,540
(16)	Variable Supply Cost Factor	(17) ÷ (15)	\$3.4752	\$3.4760	\$3.4811	\$3.4809	\$3.4770	\$3.4854	\$3.4758	\$3.5211	\$3.5698	\$3.5713	\$3.5703	\$4.2324	
(17)	Variable Supply Revenue		\$11,676,208	\$5,148,411	\$3,506,520	\$2,267,342	\$2,045,506	\$2,108,405	\$2,136,197	\$5,398,547	\$11,148,618	\$20,430,812	\$16,438,937	\$15,218,596	\$97,524,099
(18)	(b) TSS Sales dth	Sch. 6, line (20)	19,307	7,830	68	359	355	1,036	1,409	2,513	12,138	24,197	27,895	22,935	120,041
(19)	TSS Surcharge Factor	Company's website	\$0.0240	\$0.0870	\$0.1210	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.3170	\$0.0000	
(20)	TSS Surcharge Revenue	(18) x (19)	\$463	\$681	\$8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,843	\$0	\$9,995
(21)	(c) Default Sales dth	Sch. 6, line (61)	8,043	8,305	4,092	2,507	2,189	2,196	2,326	4,332	9,934	11,836	12,359	9,199	77,319
(22)	Variable Supply Cost Factor	(23) ÷ (21)	\$0.57	\$9.58	(\$5.03)	\$1.70	\$3.94	\$4.63	\$4.87	\$6.75	\$8.23	\$5.95	\$27.45	\$14.52	
(23)	Variable Supply Revenue		\$4,571	\$79,559	(\$20,577)	\$4,257	\$8,634	\$10,168	\$11,334	\$29,250	\$81,788	\$70,376	\$339,267	\$133,568	\$752,196
(24)	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(25)	(e) Deferred Responsibility		\$2,895	\$20,176	\$2,962	\$270	\$4,154	\$7,650	\$9,997	\$12,967	\$10,056	\$7,953	\$12,308	\$1,190	\$92,578
(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)	Monthly Meter Use	1,200	1,132	1,250	978	1,050	977	919	930	763	501	576	495	
(28)	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.5879	\$3.6884	\$3.6884	\$3.6884	\$3.6884	\$4.8503	
(29)	Manchester Street Revenue	(27) x (28)	\$4,305	\$4,063	\$4,485	\$3,510	\$3,767	\$3,506	\$3,297	\$3,430	\$2,812	\$1,847	\$2,126	\$2,399	\$39,547
(30)	<b>TOTAL Variable Revenue</b>	(17)+(20)+(23)+(24)+(25)+(26)+(29)	\$11,688,443	\$5,252,890	\$3,493,398	\$2,275,379	\$2,062,062	\$2,129,729	\$2,160,825	\$5,444,194	\$11,243,275	\$20,510,988	\$16,801,480	\$15,355,752	\$98,418,416
(31)	<b>Total Gas Cost Revenue (w/o FT-2)</b>	(13) + (30)	\$15,796,541	\$7,128,672	\$4,786,957	\$3,164,979	\$2,878,671	\$2,968,124	\$3,008,707	\$7,646,017	\$16,247,508	\$29,665,279	\$24,231,976	\$22,181,827	\$139,705,257

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

**WORKING CAPITAL**

Line			<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr-Mar</u>
<u>No.</u>	<u>Description</u>	<u>Reference</u>	<u>Actual</u>	<u>(m)</u>											
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
(1)	<b>Supply Fixed Costs</b>	Sch.1, line (5)	\$4,016,513	\$4,152,016	\$3,809,981	\$4,111,094	\$4,301,052	\$4,168,740	\$4,210,987	\$4,342,453	\$4,432,787	\$6,107,148	\$6,139,000	\$6,028,767	\$55,820,539
(2)	Less: LNG Demand to DAC/Crary Street <sup>1</sup>	Sch.1, line (6)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$2,182,461)
(3)	Plus: Supply Related LNG O&M Costs	Dkt 4323	<u>\$0</u>												
(4)	Total Adjustments	(2) + (3)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$262,800)	(\$2,182,461)
(5)	Allowable Working Capital Costs	(1) + (4)	\$3,892,447	\$4,027,950	\$3,685,915	\$3,987,028	\$4,176,987	\$4,044,674	\$4,086,921	\$4,079,653	\$4,169,987	\$5,844,348	\$5,876,200	\$5,765,967	\$53,638,078
(6)	Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
(7)	Working Capital Requirement	[(5) x (6)] ÷ 365	\$229,388	\$237,373	\$217,217	\$234,962	\$246,156	\$238,359	\$240,848	\$240,420	\$245,744	\$344,416	\$346,293	\$339,797	
(8)	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
(9)	Return on Working Capital Requirement	(7) x (8)	\$16,654	\$17,233	\$15,770	\$17,058	\$17,871	\$17,305	\$17,486	\$17,454	\$17,841	\$25,005	\$25,141	\$24,669	
(10)	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
(11)	Interest Expense	(7) x (10)	\$5,918	\$6,124	\$5,604	\$6,062	\$6,351	\$6,150	\$6,214	\$6,203	\$6,340	\$8,886	\$8,934	\$8,767	
(12)	Taxable Income	(9) - (11)	\$10,735	\$11,109	\$10,166	\$10,996	\$11,520	\$11,155	\$11,272	\$11,252	\$11,501	\$16,119	\$16,207	\$15,903	
(13)	1 - Combined Tax Rate <sup>2</sup>	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.79	0.79	0.79	
(14)	Return and Tax Requirement	(12) ÷ (13)	\$16,516	\$17,091	\$15,640	\$16,917	\$17,723	\$17,162	\$17,341	\$17,310	\$17,694	\$20,403	\$20,515	\$20,130	
(15)	<b>Supply Fixed Working Capital Requirement</b>	(11) + (14)	\$22,434	\$23,215	\$21,244	\$22,979	\$24,074	\$23,311	\$23,555	\$23,513	\$24,034	\$29,289	\$29,449	\$28,897	\$295,994
(16)	<b>Supply Variable Costs</b>	Sch.1, line (22)	\$5,609,288	\$3,862,631	\$3,439,237	\$2,431,631	\$2,213,800	\$2,220,261	\$2,180,410	\$8,944,909	\$22,922,438	\$43,848,371	\$10,958,359	\$12,932,876	\$121,564,211
(17)	Less: Balancing Related LNG Commodity (to DAC)	Sch.1, line (23)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(18)	Plus: Supply Related LNG O&M Costs	Dkt 4323	<u>\$0</u>												
(19)	Total Adjustments	(17) + (18)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20)	Allowable Working Capital Costs	(16) + (19)	\$5,609,288	\$3,862,631	\$3,439,237	\$2,431,631	\$2,213,800	\$2,220,261	\$2,180,410	\$8,944,909	\$22,922,438	\$43,848,371	\$10,958,359	\$12,932,876	\$121,564,211
(21)	Number of Days Lag	Dkt 4323	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	21.51	
(22)	Working Capital Requirement	[(20) x (21)] ÷ 365	\$330,564	\$227,631	\$202,679	\$143,300	\$130,463	\$130,843	\$128,495	\$527,137	\$1,350,854	\$2,584,051	\$645,793	\$762,154	
(23)	Cost of Capital	Dkt 4339	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	
(24)	Return on Working Capital Requirement	(22) x (23)	\$23,999	\$16,526	\$14,715	\$10,404	\$9,472	\$9,499	\$9,329	\$38,270	\$98,072	\$187,602	\$46,885	\$55,332	
(25)	Weighted Cost of Debt	Dkt 4339	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	
(26)	Interest Expense	(22) x (25)	\$8,529	\$5,873	\$5,229	\$3,697	\$3,366	\$3,376	\$3,315	\$13,600	\$34,852	\$66,669	\$16,661	\$19,664	
(27)	Taxable Income	(24) - (26)	\$15,470	\$10,653	\$9,485	\$6,706	\$6,106	\$6,123	\$6,014	\$24,670	\$63,220	\$120,934	\$30,223	\$35,669	
(28)	1 - Combined Tax Rate <sup>2</sup>	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.79	0.79	0.79	
(29)	Return and Tax Requirement	(27) ÷ (28)	\$23,801	\$16,389	\$14,593	\$10,318	\$9,393	\$9,421	\$9,252	\$37,954	\$97,261	\$153,080	\$38,257	\$45,150	
(30)	<b>Supply Variable Working Capital Requirement</b>	(26) + (29)	\$32,329	\$22,262	\$19,822	\$14,015	\$12,759	\$12,796	\$12,567	\$51,554	\$132,114	\$219,749	\$54,919	\$64,814	\$649,700

<sup>1</sup>For the period Apr. 2017 through Oct. 2017, Dkt 4323; and for the period Nov. 2018 through Mar. 2018, Dkt 4719.

<sup>2</sup>For the period Apr.17 through Dec.17, Dkt 4323; and for the period Jan.18 through Mar 18, 2018 Tax Reform.

**INVENTORY FINANCE**

Line No.	Description	Reference	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</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>	<u>Actual</u>	
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
(1)	<b>Storage Inventory Balance</b>		\$5,144,493	\$6,323,169	\$7,661,446	\$8,902,881	\$9,580,623	\$10,104,017	\$10,195,692	\$9,637,833	\$8,298,259	\$6,520,983	\$5,598,019	\$5,040,144		
(2)	Monthly Storage Deferral/Amortization		<u>(\$37,322)</u>	<u>(\$102,505)</u>	<u>(\$191,557)</u>	<u>(\$79,962)</u>	<u>\$31,721</u>	<u>\$109,407</u>	<u>\$281,024</u>	<u>\$275,404</u>	<u>\$224,820</u>	<u>\$146,134</u>	<u>\$73,068</u>	<u>\$1</u>		
(3)	<b>Subtotal</b>	(1) + (2)	\$5,107,172	\$6,220,665	\$7,469,889	\$8,822,919	\$9,612,345	\$10,213,425	\$10,476,716	\$9,913,237	\$8,523,079	\$6,667,117	\$5,671,087	\$5,040,146		
(4)	Cost of Capital	Dkt 4323	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%		
(5)	Return on Working Capital Requirement	(3) x (4)	\$370,781	\$451,620	\$542,314	\$640,544	\$697,856	\$741,495	\$760,610	\$719,701	\$618,776	\$484,033	\$411,721	\$365,915	\$6,805,364	
(6)	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%		
(7)	Interest Charges Financed	(3) x (6)	\$131,765	\$160,493	\$192,723	\$227,631	\$247,998	\$263,506	\$270,299	\$255,762	\$219,895	\$172,012	\$146,314	\$130,036	\$2,418,435	
(8)	Taxable Income	(5) - (7)	\$239,016	\$291,127	\$349,591	\$412,913	\$449,858	\$477,988	\$490,310	\$463,939	\$398,880	\$312,021	\$265,407	\$235,879		
(9)	1 - Combined Tax Rate <sup>1</sup>	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.79	0.79	0.79		
(10)	Return and Tax Requirement	(8) ÷ (9)	\$367,716	\$447,888	\$537,832	\$635,250	\$692,089	\$735,367	\$754,324	\$713,753	\$613,662	\$394,963	\$335,958	\$298,581	\$6,527,382	
(11)	Working Capital Requirement	(7) + (10)	\$499,481	\$608,381	\$730,555	\$862,881	\$940,087	\$998,873	\$1,024,623	\$969,515	\$833,557	\$566,975	\$482,272	\$428,617	\$8,945,817	
(12)	Monthly Average	(11) ÷ 12	\$41,623	\$50,698	\$60,880	\$71,907	\$78,341	\$83,239	\$85,385	\$80,793	\$69,463	\$47,248	\$40,189	\$35,718	\$745,485	
(13)	<b>LNG Inventory Balance</b>		\$2,131,044	\$2,318,192	\$2,810,245	\$3,381,969	\$3,842,816	\$3,905,466	\$3,870,171	\$3,933,984	\$2,684,514	\$1,680,685	\$1,609,519	\$1,558,618		
(14)	Cost of Capital	Dkt 4323	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%	7.26%		
(15)	Return on Working Capital Requirement	(13) x (14)	\$154,714	\$168,301	\$204,024	\$245,531	\$278,988	\$283,537	\$280,974	\$285,607	\$194,896	\$122,018	\$116,851	\$113,156	\$2,448,596	
(16)	Weighted Cost of Debt	Dkt 4323	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%	2.58%		
(17)	Interest Charges Financed	(13) x (16)	\$54,981	\$59,809	\$72,504	\$87,255	\$99,145	\$100,761	\$99,850	\$101,497	\$69,260	\$43,362	\$41,526	\$40,212	\$870,162	
(18)	Taxable Income	(15) - (17)	\$99,733	\$108,491	\$131,519	\$158,276	\$179,844	\$182,776	\$181,124	\$184,110	\$125,635	\$78,656	\$75,325	\$72,943		
(19)	1 - Combined Tax Rate <sup>1</sup>	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.79	0.79	0.79		
(20)	Return and Tax Requirement	(18) ÷ (19)	\$153,435	\$166,910	\$202,338	\$243,502	\$276,683	\$281,194	\$278,652	\$283,247	\$193,285	\$99,565	\$95,349	\$92,333	\$2,366,492	
(21)	Working Capital Requirement	(17) + (20)	\$208,416	\$226,719	\$274,842	\$330,757	\$375,827	\$381,955	\$378,503	\$384,744	\$262,546	\$142,926	\$136,874	\$132,546	\$3,236,654	
(22)	Monthly Average	(21) ÷ 12	\$17,368	\$18,893	\$22,903	\$27,563	\$31,319	\$31,830	\$31,542	\$32,062	\$21,879	\$11,911	\$11,406	\$11,045	\$269,721	
(23)	<b>TOTAL GCR Inventory Financing Costs</b>	(12) + (22)	\$58,991	\$69,592	\$83,783	\$99,470	\$109,660	\$115,069	\$116,927	\$112,855	\$91,342	\$59,158	\$51,596	\$46,764	\$1,015,206	

<sup>1</sup>For the period Apr.17 through Dec.17, Dkt 4323; and for the period Jan.18 through Mar. 18, 2018 Tax Reform.

**Actual Dth Usage for Filing**

	<u>Apr</u> Actual (a)	<u>May</u> Actual (b)	<u>Jun</u> Actual (c)	<u>Jul</u> Actual (d)	<u>Aug</u> Actual (e)	<u>Sep</u> Actual (f)	<u>Oct</u> Actual (g)	<u>Nov</u> Actual (h)	<u>Dec</u> Actual (i)	<u>Jan</u> Actual (j)	<u>Feb</u> Actual (k)	<u>Mar</u> Actual (l)	<u>Apr-Mar</u>  (m)
<b><u>THROUGHPUT (Dth)</u></b>													
<b>Line No.</b>	<b>Rate Class</b>												
(1) <b>SALES</b>													
(2) Residential Non-Heating	44,256	29,336	24,258	19,200	17,698	18,669	16,470	25,799	36,375	54,883	49,588	42,810	379,341
(3) Residential Non-Heating Low Income	1,429	1,005	683	486	438	1,424	(624)	506	908	1,479	1,192	1,139	10,064
(4) Residential Heating	2,276,588	986,291	656,511	414,665	369,201	375,999	385,111	1,049,547	2,123,640	3,918,609	3,156,062	2,437,110	18,149,333
(5) Residential Heating Low Income	194,021	100,127	67,120	43,824	38,781	40,198	37,443	85,126	174,014	295,095	237,817	192,552	1,506,117
(6) Small C&I	313,479	104,811	66,481	43,307	37,212	39,181	39,210	111,854	277,727	585,108	440,831	334,818	2,394,020
(7) Medium C&I	395,382	189,716	140,530	97,779	93,200	95,519	101,259	195,033	383,557	650,534	533,358	424,687	3,300,553
(8) Large LLF	80,576	30,177	20,339	10,256	9,086	10,365	10,185	32,729	77,403	145,182	120,731	101,572	648,602
(9) Large HLF	20,948	19,724	17,792	12,615	15,096	16,358	14,763	19,260	22,406	29,939	26,984	24,449	240,334
(10) Extra Large LLF	10,129	4,291	2,883	1,059	479	336	607	1,662	7,001	9,784	6,318	10,337	54,886
(11) Extra Large HLF	3,762	7,836	10,647	7,815	6,744	5,843	8,751	9,191	7,841	5,969	3,560	3,292	81,250
(12) Total Sales	3,340,569	1,473,313	1,007,242	651,008	587,934	603,893	613,175	1,530,707	3,110,872	5,696,582	4,576,441	3,572,766	26,764,499
(13) <b>TSS</b>													
(14) Small	1,660	341	93	74	33	12	17	26	327	1,270	1,577	928	6,359
(15) Medium	8,327	4,570	75	134	118	1,024	806	1,986	6,054	11,692	11,398	12,266	58,450
(16) Large LLF	7,726	1,932	(99)	150	204	0	586	501	5,293	10,605	10,619	8,970	46,487
(17) Large HLF	1,594	987	0	0	0	0	0	464	629	4,300	771	8,745	8,745
(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	19,307	7,830	68	359	355	1,036	1,409	2,513	12,138	24,197	27,895	22,935	120,041
(21) <b>Sales &amp; TSS THROUGHPUT</b>													
(22) Residential Non-Heating	44,256	29,336	24,258	19,200	17,698	18,669	16,470	25,799	36,375	54,883	49,588	42,810	379,341
(23) Residential Non-Heating Low Income	1,429	1,005	683	486	438	1,424	(624)	506	908	1,479	1,192	1,139	10,064
(24) Residential Heating	2,276,588	986,291	656,511	414,665	369,201	375,999	385,111	1,049,547	2,123,640	3,918,609	3,156,062	2,437,110	18,149,333
(25) Residential Heating Low Income	194,021	100,127	67,120	43,824	38,781	40,198	37,443	85,126	174,014	295,095	237,817	192,552	1,506,117
(26) Small C&I	315,140	105,153	66,574	43,381	37,246	39,193	39,228	111,880	278,053	586,379	442,408	335,746	2,400,379
(27) Medium C&I	403,709	194,286	140,604	97,914	93,318	96,543	102,065	197,019	389,610	662,226	544,756	436,953	3,359,003
(28) Large LLF	88,301	32,109	20,239	10,406	9,289	10,365	10,771	33,230	82,697	155,787	131,351	110,543	695,088
(29) Large HLF	22,542	20,711	17,792	12,615	15,096	16,358	14,763	19,260	22,871	30,568	31,285	25,220	249,079
(30) Extra Large LLF	10,129	4,291	2,883	1,059	479	336	607	1,662	7,001	9,784	6,318	10,337	54,886
(31) Extra Large HLF	3,762	7,836	10,647	7,815	6,744	5,843	8,751	9,191	7,841	5,969	3,560	3,292	81,250
(32) Total Sales & TSS Throughput	3,359,876	1,481,143	1,007,310	651,366	588,289	604,928	614,584	1,533,220	3,123,009	5,720,779	4,604,335	3,595,701	26,884,540
(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	87,997	45,854	33,455	23,293	21,970	23,698	23,592	30,639	60,057	94,202	106,674	70,928	622,357
(36) FT-1 Large LLF	139,253	64,270	39,180	19,071	15,474	16,660	18,918	34,759	97,785	156,615	188,114	117,763	907,861
(37) FT-1 Large HLF	46,755	30,869	28,414	28,075	25,530	30,959	30,186	32,023	38,641	51,303	58,673	41,269	442,698
(38) FT-1 Extra Large LLF	186,388	98,443	62,497	28,207	20,162	21,762	25,305	48,732	127,674	194,739	224,079	151,917	1,189,905
(39) FT-1 Extra Large HLF	569,383	456,839	434,173	437,754	445,240	452,915	391,880	433,197	494,103	573,189	623,062	499,034	5,810,768
(40) Default	8,043	8,305	4,092	2,507	2,189	2,196	2,326	4,332	9,934	11,836	12,359	9,199	77,319
(41) Total FT-1 Transportation	1,037,818	704,581	601,811	538,906	530,565	548,191	492,207	583,682	828,194	1,081,884	1,212,960	890,109	9,050,908
(42) <b>FT-2 TRANSPORTATION</b>													
(43) FT-2 Small	14,840	5,565	4,962	2,460	2,299	2,308	2,343	6,121	14,942	30,920	23,834	18,268	128,860
(44) FT-2 Medium	228,063	111,699	79,934	51,690	51,122	50,384	54,721	115,362	220,831	362,383	302,105	252,568	1,880,863
(45) FT-2 Large LLF	154,331	66,850	31,676	39,593	18,450	19,167	27,361	60,802	159,214	267,279	214,763	179,315	1,238,800
(46) FT-2 Large HLF	46,493	33,574	32,303	25,720	24,257	26,620	27,286	36,322	47,803	63,254	59,154	50,624	473,409
(47) FT-2 Extra Large LLF	6,478	2,108	1,453	936	423	(782)	142	126	2,476	4,034	3,026	2,441	22,861
(48) FT-2 Extra Large HLF	50,379	37,837	40,363	36,026	34,521	41,438	36,599	47,318	52,276	60,012	46,226	43,247	526,241
(49) Total FT-2 Transportation	500,584	257,632	190,691	156,426	131,072	139,134	148,452	266,050	497,542	787,882	649,107	546,463	4,271,033
(50) <b>Total THROUGHPUT</b>													
(51) Residential Non-Heating	44,256	29,336	24,258	19,200	17,698	18,669	16,470	25,799	36,375	54,883	49,588	42,810	379,341
(52) Residential Non-Heating Low Income	1,429	1,005	683	486	438	1,424	(624)	506	908	1,479	1,192	1,139	10,064
(53) Residential Heating	2,276,588	986,291	656,511	414,665	369,201	375,999	385,111	1,049,547	2,123,640	3,918,609	3,156,062	2,437,110	18,149,333
(54) Residential Heating Low Income	194,021	100,127	67,120	43,824	38,781	40,198	37,443	85,126	174,014	295,095	237,817	192,552	1,506,117
(55) Small C&I	329,980	110,717	71,536	45,841	39,544	41,501	41,570	118,001	292,995	617,299	466,242	354,014	2,529,239
(56) Medium C&I	719,769	351,839	253,994	172,897	166,411	170,625	180,378	343,020	670,498	1,118,811	953,535	760,448	5,862,223
(57) Large LLF	381,885	163,229	91,095	69,071	43,213	46,193	57,051	128,791	339,695	579,680	534,227	407,621	2,841,749
(58) Large HLF	115,789	85,154	78,509	66,410	64,883	73,937	72,235	87,605	109,315	145,125	149,112	117,113	1,165,186
(59) Extra Large LLF	202,996	104,842	66,833	30,203	21,064	21,316	26,054	50,519	137,151	208,557	233,422	164,695	1,267,652
(60) Extra Large HLF	623,524	502,512	485,182	481,595	486,504	500,195	437,230	489,706	554,220	639,171	672,847	545,573	6,418,259
(61) Default	8,043	8,305	4,092	2,507	2,189	2,196	2,326	4,332	9,934	11,836	12,359	9,199	77,319
(62) Total Throughput	4,898,277	2,443,356	1,799,812	1,346,698	1,249,926	1,292,254	1,255,243	2,382,952	4,448,745	7,590,544	6,466,403	5,032,272	40,206,481