

June 30, 2017

**VIA HAND DELIVERY & ELECTRONIC MAIL**

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

**RE: 2017 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 Tariff, RIPUC NG 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 reconciliation contains actual gas cost and revenue data for the 12 months ending March 31, 2017, as set forth in the following six schedules:

- Schedule 1 presents the monthly ending deferred balances, as well as the end-of-period under-collection of approximately \$7.7 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.

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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, 2017 reconciliation balance of \$7,698,197 is the same as the balance reflected in the May 2017 Monthly Deferred Report filed in Docket No. 4647. However, the monthly reconciliation balances for the period November 2016 through April 2017, as filed in the April 2017 Monthly Deferred Report, differ from the monthly reconciliation balances reported in this annual GCR reconciliation due to the update of the Gas Purchase Incentive Plan (GPIP) approved by the Public Utilities Commission's Order No. 22717 in Docket No. 4647, approved on April 27, 2017. National Grid has revised the actual monthly deferred gas cost balances for November 2016 through March 2017, as presented in this annual reconciliation, to include the annual GPIP incentive set forth in Order No. 22717.

Luly E. Massaro, Commission Clerk  
2017 Annual Gas Cost Recovery Reconciliation  
June 30, 2017  
Page 2 of 2

This filing also includes a Motion for Protective Treatment of Confidential Information in accordance with Rule 1.2(g) of the PUC's 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. Such confidential information was previously granted protective treatment in National Grid's 2016 GCR filing in Docket No. 4647, and is 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 the 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

Enclosures

cc: Docket 4647 Service List  
Leo Wold, Esq.  
Steve Scialabba  
Bruce Oliver

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.

\_\_\_\_\_  
Joanne M. Scanlon

June 30, 2017  
Date

**Docket No. 4647 – National Grid – 2016 Annual Gas Cost Recovery Filing (GCR) - Service List as of 9/2/16**

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Bruce Oliver Revalo Hill Associates 7103 Laketree Drive Fairfax Station, VA 22039	<a href="mailto:Boliver.rha@verizon.net">Boliver.rha@verizon.net</a> ;	703-569-6480
<b>File an original &amp; nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk 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:Patricia.lucarelli@puc.ri.gov">Patricia.lucarelli@puc.ri.gov</a> ;	
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**STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS**  
**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

2017 Annual Gas Cost Recovery Filing Reconciliation	)	Docket No. 4647
	)	
	)	
	)	

**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 30, 2017, National Grid filed with the PUC its 2017 annual Gas Cost Recovery (GCR) reconciliation filing. Schedule 2 of the filing includes confidential gas-cost pricing information relating to certain gas supply and storage costs. National Grid is seeking protective treatment for such confidential gas-cost pricing information. This is the same confidential information that was previously granted protective treatment in National Grid’s 2016 annual GCR filing in Docket No. 4647. Therefore, National Grid requests that the PUC grant protective treatment to the confidential information contained in 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 whether 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 2017 annual GCR reconciliation filing is confidential and privileged information of the type that National Grid would not ordinarily make public. Moreover, the public disclosure of such information could impair National Grid's ability to obtain advantageous pricing in the future, thereby causing substantial competitive harm. Indeed, such confidential information was previously granted protective treatment from public disclosure in Docket No. 4647. Accordingly, National Grid seeks protection for such confidential information as part of this filing.

### **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 30, 2017

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 (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)
1	# of Days in Month														
2	<b>I Fixed Cost Deferred</b>														
	Dkt 4647, Sch AEL-2, pg														
3	Beginning Under/(Over) Recovery	1, line 18, col m	(\$14,239,567)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$10,501,693)	(\$8,917,829)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$14,239,567)
4	Supply Fixed Costs (net of cap rel)	Sch 2, line 36	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,438,848	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$44,461,214
6	LNG Demand to DAC	Dkt 4339	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
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		(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$3,428,704)	(\$783,333)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	\$1,297,811	(\$10,844,293)
9	Working Capital	Sch 4, line 15	\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$19,095	\$19,085	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$247,533
10	Total Supply Fixed Costs	sum(5)-(9)	\$2,590,881	\$2,709,979	\$2,202,996	\$2,647,160	\$2,638,748	\$2,598,499	\$2,445,750	\$3,798,001	\$2,975,085	\$3,064,838	\$5,325,320	\$5,325,320	\$32,951,245
11	Supply Fixed - Revenue	Sch 3, line 13	\$3,261,277	\$2,081,128	\$1,178,236	\$858,277	\$765,567	\$766,291	\$1,002,307	\$2,008,144	\$3,525,810	\$5,122,594	\$5,070,397	\$4,682,340	\$30,322,369
12	Monthly Under/(Over) Recovery	(10) - (11)	(\$671,196)	\$628,852	\$1,024,760	\$1,788,888	\$1,873,181	(\$811,503)	\$1,596,192	\$437,605	\$272,191	(\$2,147,509)	(\$2,005,560)	\$642,980	\$2,628,876
13	Prelim Ending Under/(Over) Recovery	(3) + (12)	(\$14,910,763)	(\$14,299,831)	(\$13,293,639)	(\$11,521,730)	(\$9,664,323)	(\$10,489,295)	(\$8,905,501)	(\$8,480,224)	(\$8,256,170)	(\$10,415,261)	(\$12,434,705)	(\$11,807,072)	(\$11,610,691)
14	Month's Average Balance	[(3) + (13)] / 2	(\$14,575,165)	(\$14,614,257)	(\$13,806,019)	(\$12,416,172)	(\$10,600,914)	(\$10,083,543)	(\$9,703,597)	(\$8,699,027)	(\$8,392,265)	(\$9,341,507)	(\$11,431,925)	(\$12,128,562)	(\$11,826,387)
15	Interest Rate (BOA Prime minus 200 bps)		1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 63%	1 75%	1 75%	1 88%	
16	Interest Applied	[(14) * (15) / 365] * (1) <sup>1</sup>	(\$17,920)	(\$18,567)	(\$16,975)	(\$15,775)	(\$13,468)	(\$12,398)	(\$12,328)	(\$10,725)	(\$11,582)	(\$13,884)	(\$15,347)	(\$19,314)	(\$178,284)
17	Marketer Reconciliation	Dkt 4647	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$37,411)	\$0	\$0	\$0	\$0	(\$37,411)
18	Fixed Ending Under/(Over) Recovery	(13) + (16) + (17)	(\$14,928,683)	(\$14,318,399)	(\$13,310,613)	(\$11,537,505)	(\$9,677,792)	(\$10,501,693)	(\$8,917,829)	(\$8,528,360)	(\$8,267,752)	(\$10,429,146)	(\$12,450,052)	(\$11,826,387)	(\$11,826,387)
19	<b>II Variable Cost Deferred</b>														
	Dkt 4647, Sch AEL-2, pg														
20	Beginning Under/(Over) Recovery	1, line 36, col m	\$17,436,635	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$9,147,577	\$9,293,216	\$10,097,501	\$16,318,521	\$18,038,689	\$16,722,311	\$17,436,635
22	Variable Supply Costs	Sch 2, line 82	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$3,132,289	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$92,234,586
23	Supply Related LNG to DAC	Dkt 4339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$165,005)	(\$1,334)	(\$243,849)	(\$411,522)	
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	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$28,664	\$27,264	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$281,852
26	Inventory Financing - UG	Sch 5, line 12	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$89,827	\$93,592	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$868,956
27	Working Capital	Sch 4, line 30	\$40,430	\$23,084	\$15,113	\$8,809	\$12,469	\$14,648	\$18,034	\$38,271	\$94,182	\$95,253	\$76,750	\$92,042	\$529,087
28	Total Supply Variable Costs	sum(22)-(27)	\$7,188,828	\$4,167,049	\$2,783,320	\$1,692,000	\$2,337,810	\$2,725,015	\$3,318,904	\$6,842,261	\$16,583,205	\$16,760,256	\$13,513,509	\$16,163,497	\$94,075,653
29	Supply Variable - Revenue	Sch 3, line 30	\$11,295,391	\$6,860,270	\$3,861,009	\$2,633,039	\$2,309,223	\$2,304,388	\$3,184,972	\$6,217,871	\$10,380,401	\$15,065,602	\$14,853,204	\$13,390,062	\$92,355,345
30	Monthly Under/(Over) Recovery	(28) - (29)	(\$4,106,564)	(\$2,693,222)	(\$1,077,689)	(\$941,040)	\$28,587	\$420,627	\$133,932	\$624,480	\$6,202,804	\$1,694,654	(\$1,339,695)	\$2,773,435	\$1,720,309
31	Prelim Ending Under/(Over) Recovery	(20) + (30)	\$13,330,071	\$10,655,763	\$9,593,323	\$8,664,741	\$8,704,934	\$9,136,602	\$9,281,509	\$9,917,696	\$16,300,305	\$18,013,175	\$16,698,994	\$19,495,746	\$19,156,943
32	Month's Average Balance	[(20) + (31)] / 2	\$15,383,353	\$12,002,374	\$10,132,168	\$9,135,261	\$8,690,641	\$8,926,289	\$9,214,543	\$9,605,456	\$13,198,903	\$17,165,848	\$17,368,841	\$18,109,028	\$18,109,028
33	Interest Rate (BOA Prime minus 200 bps)		1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 63%	1 75%	1 75%	1 88%	
34	Interest Applied	[(32) * (33) / 365] * (1) <sup>1</sup>	\$18,914	\$15,249	\$12,458	\$11,606	\$11,041	\$10,975	\$11,707	\$11,842	\$18,216	\$25,514	\$23,317	\$28,838	\$199,677
35	Gas Procurement Incentive/(penalty)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$167,963	\$0	\$0	\$0	\$0	\$167,963
36	Variable Ending Under/(Over) Recovery	(31) + (34) + (35)	\$13,348,985	\$10,671,012	\$9,605,781	\$8,676,347	\$8,715,976	\$9,147,577	\$9,293,216	\$10,097,501	\$16,318,521	\$18,038,689	\$16,722,311	\$19,524,584	\$19,524,584
37	<b>GCR Deferred Summary</b>														
38	Beginning Under/(Over) Recovery	(3) + (20)	\$3,197,068	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	(\$1,354,115)	\$375,387	\$1,569,141	\$8,050,769	\$7,609,543	\$4,272,259	\$3,197,068
39	Gas Costs	sum[(4)-(7),(17),(22)-(24)]	\$10,424,170	\$7,530,617	\$6,219,027	\$4,988,895	\$5,616,102	\$5,956,273	\$6,542,760	\$10,217,640	\$20,173,596	\$20,668,038	\$17,546,975	\$20,022,259	\$135,906,353
40	Inventory Finance	(25) + (26)	\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$118,491	\$120,856	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$1,150,808
41	Working Capital	(9) + (27)	\$59,467	\$42,807	\$35,256	\$28,173	\$31,784	\$33,743	\$37,120	\$58,553	\$115,719	\$118,569	\$100,581	\$114,847	\$776,619
42	NGPMP Credits	(8)	(\$783,333)	(\$783,333)	(\$1,363,515)	(\$783,333)	(\$783,333)	(\$3,428,704)	(\$783,333)	(\$1,141,667)	(\$8,218)	(\$1,141,667)	(\$1,141,667)	\$1,297,811	(\$10,844,293)
43	Total Costs	sum[(39)-(42)]	\$9,778,909	\$6,877,028	\$4,986,316	\$4,339,160	\$4,976,558	\$2,679,803	\$5,917,402	\$9,250,599	\$20,381,206	\$19,735,341	\$16,578,347	\$21,488,817	\$126,989,488
44	Revenue	(11) + (29)	\$14,556,669	\$8,941,398	\$5,039,245	\$3,491,316	\$3,074,790	\$3,070,679	\$4,187,279	\$8,225,926	\$13,906,212	\$20,188,196	\$19,923,602	\$18,072,402	\$122,677,714
45	Monthly Under/(Over) Recovery	(43) - (44)	(\$4,777,760)	(\$2,064,370)	(\$2,929,929)	\$847,844	\$1,901,768	(\$390,876)	\$1,730,124	\$1,024,674	\$6,474,995	(\$452,855)	(\$3,345,255)	\$3,416,415	\$4,311,773
46	Prelim Ending Under/(Over) Recovery	(38) + (45)	(\$1,580,692)	(\$3,644,068)	(\$3,700,316)	(\$2,856,989)	(\$959,389)	(\$1,352,693)	\$376,008	\$1,400,061	\$8,044,136	\$7,597,914	\$4,264,289	\$7,688,674	\$7,508,841
47	Month's Average Balance	[(38) + (46)] / 2	\$808,188	(\$2,611,883)	(\$3,673,851)	(\$3,280,911)	(\$1,910,273)	(\$1,157,254)	(\$489,054)	\$887,724	\$4,806,638	\$7,824,342	\$5,936,916	\$5,980,466	\$11,888
48	Interest Rate (BOA Prime minus 200 bps)		1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 50%	1 63%	1 75%	1 75%	1 88%	
49	Interest Applied	(16) + (34)	\$994	(\$3,318)	(\$4,517)	(\$4,168)	(\$2,427)	(\$1,423)	(\$621)	\$1,118	\$6,634	\$11,629	\$7,970	\$9,524	\$21,393
50	Gas Purchase Plan Incentives/(Penalties)	(35)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$167,963	\$0	\$0	\$0	\$0	\$167,963
52	<b>Ending Under/(Over) Recovery W/ Interest</b>	(46) + (49) + (50)	(\$1,579,698)	(\$3,647,387)	(\$3,704,833)	(\$2,861,157)	(\$961,816)	(\$1,354,115)	\$375,387	\$1,569,141	\$8,050,769	\$7,609,543	\$4,272,259	\$7,698,197	\$7,698,197

<sup>1</sup> For the period Apr 16 through Oct 16 the Company computed interest based on a 366 days year.



Supply Estimate and 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>	<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)	Actual (m)
1	<b>SUPPLY FIXED COSTS - Pipeline Delivery</b>														
2	Algonquin (includes East to West, Hubline, AIM, AMA credits)		\$837,279	\$845,234	\$841,198	\$841,032	\$841,087	\$840,941	\$840,843	\$866,814	\$1,181,848	\$1,494,194	\$1,531,807	\$1,469,882	\$12,432,159
3	TETCO/Texas Eastern		\$721,221	\$721,221	\$721,240	\$719,948	\$726,244	\$726,252	\$726,252	\$724,537	\$728,107	\$728,107	\$729,926	\$729,926	\$8,702,980
4	Tennessee		\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$976,328	\$1,093,209	\$1,093,190	\$1,093,228	\$1,093,228	\$1,093,228	\$12,300,378
5	NETNE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Iroquois		\$6,676	\$5,719	\$6,676	\$6,676	\$6,676	\$6,676	\$5,858	\$6,267	\$6,277	\$6,267	\$6,267	\$6,267	\$76,304
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		(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	(\$28,460)	\$2,235	\$2,317	\$2,276	\$2,276	\$2,276	(\$187,840)
10	Transco		\$4,869	\$5,010	\$4,858	\$5,020	\$5,039	\$4,858	\$5,021	\$4,859	\$5,021	\$5,021	\$4,535	\$5,020	\$59,131
11	National Fuel		\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,574	\$4,387	\$4,480	\$4,480	\$4,480	\$54,419
12	Columbia		\$296,729	\$296,849	\$241,832	\$286,233	\$286,354	\$286,233	\$293,897	\$293,747	\$293,746	\$288,311	\$291,046	\$319,503	\$3,474,481
13	Alberta Northeast		\$348	\$586	\$2,646	\$371	\$379	\$365	\$366	\$58	\$0	\$0	\$0	\$0	\$5,119
14	Emera Energy		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Cargill Ltd		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Westerly Lateral		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
17	Less Credits from Mkter Releases		(\$666,778)	(\$682,800)	(\$665,674)	(\$680,511)	(\$680,654)	(\$666,763)	(\$682,797)	(\$643,994)	(\$665,274)	(\$663,322)	(\$622,002)	(\$664,983)	(\$7,985,552)
18	<b>Supply Fixed - Supplier</b>														
19	Distrigas FCS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	<b>STORAGE FIXED COSTS - Facilities</b>														
21	Texas Eastern		\$85,570	\$85,117	\$85,190	\$85,170	\$85,668	\$76,927	\$94,385	\$85,718	\$85,828	\$85,804	\$85,886	\$75,826	\$1,017,089
22	Dominion		\$82,949	\$82,949	\$82,949	\$80,255	\$82,949	\$82,949	\$82,949	\$82,949	\$83,284	\$83,117	\$83,117	\$83,117	\$993,534
23	Tennessee		\$48,337	\$48,337	\$48,337	\$48,337	\$48,883	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$48,337	\$580,588
24	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
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
26	<b>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		\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,599	\$87,625	\$87,625	\$87,625	\$87,625	\$1,051,318
29	Tennessee		\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$91,219	\$88,273	\$88,273	\$88,273	\$88,273	\$88,273	\$1,079,896
30	Dominion		\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,695	\$30,736	\$30,736	\$30,736	\$30,736	\$30,736	\$368,543
31	Columbia		\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,171	\$15,321	\$15,321	\$15,321	\$15,321	\$15,321	\$182,800
32	Distrigas FLS call payment		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
33	BP Energy Company		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
34	Emera Energy		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
35	Repsol Peaking Supply at Dracut		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
36	<b>TOTAL FIXED COSTS</b>	sum[(2) (35)]	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,438,848	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$44,461,214

Supply Estimate and Actuals for Filing

Line No	Description	Reference	Apr Actual (a)	May Actual (b)	Jun Actual (c)	Jul Actual (d)	Aug Actual (e)	Sep Actual (f)	Oct Actual (g)	Nov Actual (h)	Dec Actual (i)	Jan Actual (j)	Feb Actual (k)	Mar Actual (l)	Apr-Mar (m)
37	<b>VARIABLE SUPPLY COSTS (Includes Injections)</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Tennessee (Includes ANE and Niagara)														
39	TETCO (Includes B&W)														
40	M3 Delivered														
41	Maumee														
42	Broadrun Col														
43	Columbia Eagle and Downingtown														
44	TETCO M2														
45	Dominion to TETCO FTS														
46	Transco Zone 3														
47	DistriGas FCS														
48	Hubline														
49	Total Pipeline Commodity Charges	sum[(37)-(47)]	\$3,311,471	\$1,459,452	\$605,570	\$591,807	\$503,438	\$1,166,877	\$1,220,480	\$3,584,595	\$12,874,611	\$14,824,070	\$10,345,460	\$11,425,889	\$61,913,719
50	Hedging Settlements and Amortization		\$2,734,885	\$1,589,254	\$959,398	\$324,878	\$714,028	\$471,224	\$1,005,091	\$1,401,803	\$799,897	(\$1,704,181)	\$143,044	\$1,518,471	\$9,957,792
51	Hedging Contracts - Commission & Other Fees		\$495	\$598	\$256	\$544	\$413	\$883	\$1,297	\$161,244	\$703,912	\$863,419	\$767,448	\$703,178	\$3,203,689
52	Hedging Contracts - Net Carry of Collateral		\$9,676	\$10,480	\$6,553	\$6,532	\$6,932	\$3,658	\$2,574	\$5,873	\$1,126	\$1,212	\$2,298	\$1,410	\$58,325
53	Refunds		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	Less: Costs of Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55	<b>TOTAL VARIABLE SUPPLY COSTS</b>	sum[(49)-(54)]	\$6,056,527	\$3,059,784	\$1,571,778	\$923,762	\$1,224,811	\$1,642,642	\$2,229,442	\$5,153,515	\$14,379,547	\$13,984,520	\$11,258,251	\$13,648,948	\$75,133,526
56	Underground Storage		\$401,889	\$247,694	\$215,901	\$28,902	\$318,596	\$192,240	\$234,001	\$771,467	\$1,189,881	\$1,482,766	\$1,557,396	\$1,560,812	\$8,201,544
57	LNG Withdrawals and Trucking		████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
58	Storage Delivery Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59	<b>TOTAL VARIABLE STORAGE COSTS</b>	sum[(56)-(58)]	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
60	<b>TOTAL VARIABLE COSTS</b>	(55) + (59)	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████
61	<b>TOTAL SUPPLY COSTS</b>	(36) + (60)	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	████████	\$129,840,088
62	<b>Storage Costs for FT-2 Calculation</b>														
63	Storage Fixed Costs - Facilities		\$390,290	\$389,837	\$389,910	\$387,196	\$390,934	\$381,648	\$399,105	\$390,438	\$390,882	\$390,692	\$390,774	\$380,714	\$4,672,419
64	Storage Fixed Costs - Deliveries		\$1,441,583	\$1,485,055	\$1,627,282	\$1,456,945	\$1,456,949	\$1,457,099	\$1,456,949	\$1,246,357	\$849,883	\$849,883	\$849,883	\$721,716	\$14,899,583
65	sub-total Storage Costs	sum[(63)-(64)]	\$1,831,873	\$1,874,892	\$2,017,191	\$1,844,141	\$1,847,883	\$1,838,747	\$1,856,054	\$1,636,795	\$1,240,765	\$1,240,574	\$1,240,657	\$1,102,430	\$19,572,002
66	LNG Demand to DAC		(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
67	Inventory Financing		\$78,605	\$86,937	\$95,548	\$105,425	\$112,006	\$118,491	\$120,856	\$116,073	\$100,108	\$90,401	\$72,458	\$53,900	\$1,150,808
68	Supply related LNG O&M Costs		\$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
69	Working Capital Requirement		\$19,037	\$19,723	\$20,142	\$19,364	\$19,316	\$19,095	\$19,085	\$20,283	\$21,537	\$23,316	\$23,830	\$22,805	\$247,533
70	Total FT-2 Storage Fixed Costs	sum[(65)-(69)]	\$1,853,414	\$1,905,452	\$2,056,781	\$1,892,829	\$1,903,104	\$1,900,232	\$1,919,895	\$1,697,050	\$1,286,309	\$1,278,191	\$1,260,844	\$1,103,034	\$20,057,134
71	System Storage MDQ (Dth)		179,070	181,646	182,090	181,336	181,765	181,224	182,216	183,069	191,153	198,008	196,094	198,576	2,236,245
72	FT-2 Storage Cost per MDQ (Dth)	(70) / (71)	\$10.3502	\$10.4899	\$11.2954	\$10.4382	\$10.4701	\$10.4855	\$10.5364	\$9.2700	\$6.7292	\$6.4552	\$6.4298	\$5.5547	\$8.9691
73	Pipeline Variable	(60)	\$6,539,114	\$3,386,618	\$1,931,606	\$1,039,413	\$1,627,169	\$1,901,362	\$2,544,316	\$6,000,730	\$15,952,889	\$15,778,221	\$12,978,509	\$15,698,927	\$85,378,874
74	Less Non-firm Gas Costs		(\$38,360)	(\$46,463)	(\$25,461)	(\$45,930)	(\$8,608)	\$7,761	(\$8,693)	(\$65,801)	(\$143,846)	(\$342,994)	(\$216,056)	(\$21,936)	(\$956,388)
75	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
76	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
77	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
78	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
79	Mkter Over-takes/Undertakes		(\$29,047)	\$175,857	\$213,671	\$47,717	\$45,593	\$130,629	\$114,727	\$197,046	\$171,885	\$569,958	\$113,194	\$37,261	\$1,788,493
80	Plus Pipeline Srchg/Credit		\$504,864	\$487,829	\$504,046	\$487,836	\$504,180	\$504,399	\$488,006	\$504,150	\$506,090	\$523,851	\$523,610	\$473,159	\$6,012,019
81	Less Mkter FT-2 Daily weather true-up		\$45,497	\$5,462	\$1,072	\$1,006	(\$2,722)	\$0	(\$6,067)	\$4,068	\$19,177	(\$824)	(\$81,347)	\$26,267	\$11,588
82	<b>TOTAL FIRM COMMODITY COSTS</b>	sum[(73)-(81)]	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$3,132,289	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$92,234,586

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)	<u>Apr-Mar</u> (m)
1	<b><u>I. Fixed Cost Revenue --</u></b>														
2	(a) Low Load dth	Sch 6, lines sum(24:28), 30]	2,586,408	1,540,314	849,324	582,453	515,862	502,144	698,406	1,568,307	2,901,568	4,237,034	4,126,253	3,771,580	23,879,653
3	Fixed Cost Factor	(4) / (2)	\$1 1428	\$1 1434	\$1 1442	\$1 1425	\$1 1236	\$1 1457	\$1 1444	\$1 1469	\$1 1423	\$1 1414	\$1 1418	\$1 1415	
4	Low Load Revenue		\$2,955,623	\$1,761,188	\$971,830	\$665,435	\$579,628	\$575,296	\$799,275	\$1,798,769	\$3,314,554	\$4,835,965	\$4,711,484	\$4,305,354	\$27,274,402
5	(b) High Load dth	Sch 6, lines sum (22, 23, 29, 31)	86,125	63,662	54,863	40,550	32,422	38,614	51,328	56,445	67,133	76,865	83,534	77,012	728,552
6	Fixed Cost Factor	(7) / (5)	\$0 8795	\$0 8792	\$0 8815	\$0 8798	\$0 8788	\$0 8841	\$0 8803	\$0 8998	\$0 9090	\$0 8907	\$0 9190	\$0 9077	
7	High Load Revenue		\$75,752	\$55,969	\$48,361	\$35,677	\$28,492	\$34,137	\$45,183	\$50,787	\$61,025	\$68,460	\$76,771	\$69,906	\$650,521
8	sub-total throughput Dth	(2) + (5)	2,672,534	1,603,977	904,187	623,002	548,284	540,759	749,733	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	24,608,205
9	FT-2 Storage Revenue from marketers		\$228,326	\$262,198	\$156,584	\$155,936	\$156,304	\$155,839	\$156,692	\$157,426	\$149,264	\$217,213	\$281,274	\$306,234	\$2,383,289
10	Manchester Street Volumes (dth)	Monthly Meter Use	1,337	1,502	1,239	1,041	968	863	981	986	822	812	737	718	12,004
11	Fixed cost factor (dth)	Inherent in approved GCR	\$1 1796	\$1 1796	\$1 1796	\$1 1796	\$1 1796	\$1 1796	\$1 1796	\$1 1787	\$1 1787	\$1 1787	\$1 1787	\$1 1787	
12	Manchester Street Revenue	(10) * (11)	\$1,577	\$1,772	\$1,461	\$1,228	\$1,142	\$1,018	\$1,157	\$1,163	\$968	\$957	\$869	\$846	\$14,157
13	<b>TOTAL Fixed Revenue</b>	<b>(4) + (7) + (9)</b>	<b>\$3,261,277</b>	<b>\$2,081,128</b>	<b>\$1,178,236</b>	<b>\$858,277</b>	<b>\$765,567</b>	<b>\$766,291</b>	<b>\$1,002,307</b>	<b>\$2,008,144</b>	<b>\$3,525,810</b>	<b>\$5,122,594</b>	<b>\$5,070,397</b>	<b>\$4,682,340</b>	<b>\$30,322,369</b>
14	<b><u>II. Variable Cost Revenue --</u></b>														
15	(a) Firm Sales dth	(8)	2,672,534	1,603,977	904,187	623,002	548,284	540,759	749,733	1,624,752	2,968,700	4,313,898	4,209,787	3,848,592	24,608,205
16	Variable Supply Cost Factor	(17) / (15)	\$4 2153	\$4 2175	\$4 2210	\$4 2144	\$4 1486	\$4 2268	\$4 2212	\$3 8616	\$3 4773	\$3 4727	\$3 4766	\$3 4748	
17	Variable Supply Revenue		11,265,583	6,764,778	3,816,541	2,625,554	2,274,612	2,285,672	3,164,793	6,274,073	10,323,084	14,980,899	14,635,608	13,373,070	\$91,784,269
18	(b) TSS Sales dth	Sch 6, line 20	25,815	16,736	8,187	1,342	1,320	(5,259)	6,941	3,116	6,555	4,658	14,712	17,411	101,533
19	TSS Surcharge Factor	Company's website	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 0000	\$0 3880	\$0 0000	\$0 0000	
20	TSS Surcharge Revenue	(18) * (19)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,807	\$0	\$0	\$1,807
21	(c) Default Sales dth	Sch 6, line 60	4,502	4,208	102	527	1,411	1,527	2,003	1,315	5,384	7,861	7,933	6,877	43,649
22	Variable Supply Cost Factor (dth)	(23) / (21)	\$4 1523	\$5 3542	\$5 3626	\$5 3545	\$5 3546	\$5 3545	\$5 3546	\$5 3539	\$9 2291	\$9 4962	\$26 9586	\$1 0927	
23	Variable Supply Revenue		\$18,695	\$22,530	\$546	\$2,819	\$7,553	\$8,174	\$10,726	\$7,042	\$49,685	\$74,646	\$213,868	\$7,515	\$423,800
24	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	(e) Deferred Responsibility		\$5,295	\$66,426	\$38,532	\$136	\$22,845	\$6,789	\$5,185	(\$66,873)	\$4,684	\$5,339	\$1,084	\$6,902	\$96,343
26	(f) FT-1 Storage and Peaking		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	(g) Manchester Street Volumes (dth)	Monthly Meter Use	1,337	1,502	1,239	1,041	968	863	981	986	822	812	737	718	12,004
28	Variable Supply Cost Factor (dth)	Inherent in approved GCR	\$4 3514	\$4 3514	\$4 3514	\$4 3514	\$4 3514	\$4 3514	\$4 3514	\$3 5879	\$3 5879	\$3 5879	\$3 5879	\$3 5879	
29	Manchester Street Revenue	(27) * (28)	\$5,818	\$6,536	\$5,390	\$4,531	\$4,213	\$3,753	\$4,268	\$3,539	\$2,948	\$2,912	\$2,644	\$2,575	\$49,125
30	<b>TOTAL Variable Revenue</b>	<b>(17)+(20)+(23)+(24)+(25)+(26)+(29)</b>	<b>\$11,295,391</b>	<b>\$6,860,270</b>	<b>\$3,861,009</b>	<b>\$2,633,039</b>	<b>\$2,309,223</b>	<b>\$2,304,388</b>	<b>\$3,184,972</b>	<b>\$6,217,781</b>	<b>\$10,380,401</b>	<b>\$15,065,602</b>	<b>\$14,853,204</b>	<b>\$13,390,062</b>	<b>\$92,355,345</b>
31	<b>Total Gas Cost Revenue</b>	<b>(13) + (30)</b>	<b>\$14,556,669</b>	<b>\$8,941,398</b>	<b>\$5,039,245</b>	<b>\$3,491,316</b>	<b>\$3,074,790</b>	<b>\$3,070,679</b>	<b>\$4,187,279</b>	<b>\$8,225,926</b>	<b>\$13,906,212</b>	<b>\$20,188,196</b>	<b>\$19,923,602</b>	<b>\$18,072,402</b>	<b>\$122,677,714</b>

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 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)	<u>Apr-Mar</u> (m)
1	<b>Supply Fixed Costs</b>	Sch 1, line 5	\$3,430,478	\$3,549,690	\$3,622,469	\$3,487,231	\$3,478,867	\$3,440,498	\$3,438,848	\$3,643,234	\$3,860,783	\$4,169,536	\$4,258,775	\$4,080,805	\$44,461,214
2	Less: LNG Demand to DAC	Sch 1, line 6	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$124,066)	(\$1,488,790)
3	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Total Adjustments	(2) + (3)	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$124,066)</u>	<u>(\$1,488,790)</u>
5	Allowable Working Capital Costs	(1) + (4)	\$3,306,413	\$3,425,624	\$3,498,403	\$3,363,165	\$3,354,801	\$3,316,432	\$3,314,782	\$3,519,169	\$3,736,717	\$4,045,470	\$4,134,709	\$3,956,740	\$42,972,424
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) * (6)] / 365	\$194,852	\$201,877	\$206,166	\$198,196	\$197,703	\$195,442	\$195,345	\$207,390	\$220,210	\$238,406	\$243,665	\$233,177	
8	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.26%	7.26%	7.26%	7.26%	7.26%	
9	Return on Working Capital Requirement	(7) * (8)	\$14,127	\$14,636	\$14,947	\$14,369	\$14,334	\$14,170	\$14,163	\$15,057	\$15,987	\$17,308	\$17,690	\$16,929	
10	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.58%	2.58%	2.58%	2.58%	2.58%	
11	Interest Expense	(7) * (10)	\$5,008	\$5,188	\$5,298	\$5,094	\$5,081	\$5,023	\$5,020	\$5,351	\$5,681	\$6,151	\$6,287	\$6,016	
12	Taxable Income	(9) - (11)	\$9,119	\$9,448	\$9,649	\$9,276	\$9,253	\$9,147	\$9,142	\$9,706	\$10,306	\$11,157	\$11,404	\$10,913	
13	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
14	Return and Tax Requirement	(12) / (13)	\$14,029	\$14,535	\$14,844	\$14,270	\$14,235	\$14,072	\$14,065	\$14,932	\$15,855	\$17,165	\$17,544	\$16,789	
15	<b>Supply Fixed Working Capital Requirement</b>	(11) + (14)	<u>\$19,037</u>	<u>\$19,723</u>	<u>\$20,142</u>	<u>\$19,364</u>	<u>\$19,316</u>	<u>\$19,095</u>	<u>\$19,085</u>	<u>\$20,283</u>	<u>\$21,537</u>	<u>\$23,316</u>	<u>\$23,830</u>	<u>\$22,805</u>	<u>\$247,533</u>
16	<b>Supply Variable Costs</b>	Sch 1, line 22	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$3,132,289	\$6,640,193	\$16,506,195	\$16,528,212	\$13,317,911	\$16,213,679	\$92,234,586
17	Less: Balancing Related LNG Commodity (to DAC)	Sch 1, line 23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$165,005)	(\$1,334)	(\$1,334)	(\$243,849)	(\$411,522)
18	Plus: Supply Related LNG O&M Costs	Dkt 4323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Total Adjustments	(17) + (18)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>(\$165,005)</u>	<u>(\$1,334)</u>	<u>(\$1,334)</u>	<u>(\$243,849)</u>	<u>(\$411,522)</u>
20	Allowable Working Capital Costs	(16) + (19)	\$7,022,068	\$4,009,303	\$2,624,934	\$1,530,041	\$2,165,611	\$2,544,151	\$3,132,289	\$6,640,193	\$16,341,190	\$16,526,878	\$13,316,577	\$15,969,830	\$91,823,065
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) * (21)] / 365	\$413,821	\$236,274	\$154,691	\$90,168	\$127,623	\$149,931	\$184,590	\$391,317	\$963,011	\$973,954	\$784,766	\$941,126	
23	Cost of Capital	Dkt 4339	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.25%	7.26%	7.26%	7.26%	7.26%	7.26%	
24	Return on Working Capital Requirement	(22) * (23)	\$30,002	\$17,130	\$11,215	\$6,537	\$9,253	\$10,870	\$13,383	\$28,410	\$69,915	\$70,709	\$56,974	\$68,326	
25	Weighted Cost of Debt	Dkt 4339	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.57%	2.58%	2.58%	2.58%	2.58%	2.58%	
26	Interest Expense	(22) * (25)	\$10,635	\$6,072	\$3,976	\$2,317	\$3,280	\$3,853	\$4,744	\$10,096	\$24,846	\$25,128	\$20,247	\$24,281	
27	Taxable Income	(24) - (26)	\$19,367	\$11,058	\$7,240	\$4,220	\$5,973	\$7,017	\$8,639	\$18,314	\$45,069	\$45,581	\$36,727	\$44,045	
28	1 - Combined Tax Rate	Dkt 4323	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	
29	Return and Tax Requirement	(27) / (28)	\$29,795	\$17,012	\$11,138	\$6,492	\$9,189	\$10,795	\$13,291	\$28,175	\$69,337	\$70,125	\$56,503	\$67,761	
30	<b>Supply Variable Working Capital Requirement</b>	(26) + (29)	<u>\$40,430</u>	<u>\$23,084</u>	<u>\$15,113</u>	<u>\$8,809</u>	<u>\$12,469</u>	<u>\$14,648</u>	<u>\$18,034</u>	<u>\$38,271</u>	<u>\$94,182</u>	<u>\$95,253</u>	<u>\$76,750</u>	<u>\$92,042</u>	<u>\$529,087</u>

**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> (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)	(m)
1	<b>Storage Inventory Balance</b>		\$6,846,012	\$7,084,306	\$7,390,915	\$7,992,207	\$7,953,536	\$8,251,903	\$8,302,891	\$7,822,815	\$6,955,021	\$6,926,335	\$5,655,452	\$4,553,020	
2	Monthly Storage Deferral/Amortization		\$540,966	\$1,107,192	\$1,611,364	\$1,822,776	\$2,364,223	\$2,781,054	\$3,192,588	\$3,032,959	\$2,330,590	\$1,468,592	\$702,371	\$1	
3	<b>Subtotal</b>	(1) + (2)	<b>\$7,386,979</b>	<b>\$8,191,498</b>	<b>\$9,002,279</b>	<b>\$9,814,983</b>	<b>\$10,317,759</b>	<b>\$11,032,957</b>	<b>\$11,495,479</b>	<b>\$10,855,774</b>	<b>\$9,285,611</b>	<b>\$8,394,927</b>	<b>\$6,357,824</b>	<b>\$4,553,021</b>	
4	Cost of Capital	Dkt 4339	7 25%	7 25%	7 25%	7 25%	7 25%	7 25%	7 25%	7 26%	7 26%	7 26%	7 26%	7 26%	
5	Return on Working Capital Requirement	(3) * (4)	\$535,556	\$593,884	\$652,665	\$711,586	\$748,038	\$799,889	\$833,422	\$788,129	\$674,135	\$609,472	\$461,578	\$330,549	\$7,738,904
6	Weighted Cost of Debt	Dkt 4339	2 57%	2 57%	2 57%	2 57%	2 57%	2 57%	2 57%	2 58%	2 58%	2 58%	2 58%	2 58%	
7	Interest Charges Financed	(3) * (6)	\$189,845	\$210,522	\$231,359	\$252,245	\$265,166	\$283,547	\$295,434	\$280,079	\$239,569	\$216,589	\$164,032	\$117,468	\$2,745,854
8	Taxable Income	(5) - (7)	\$345,711	\$383,362	\$421,307	\$459,341	\$482,871	\$516,342	\$537,988	\$508,050	\$434,567	\$392,883	\$297,546	\$213,081	
9	1 - Combined Tax Rate	Dkt 4323	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	
10	Return and Tax Requirement	(8) / (9)	\$531,862	\$589,788	\$648,164	\$706,679	\$742,879	\$794,373	\$827,674	\$781,616	\$668,564	\$604,435	\$457,763	\$327,818	\$7,681,615
11	Working Capital Requirement	(7) + (10)	\$721,708	\$800,309	\$879,523	\$958,924	\$1,008,045	\$1,077,920	\$1,123,108	\$1,061,695	\$908,133	\$821,024	\$621,795	\$445,285	\$10,427,469
12	Monthly Average	(11) / 12	\$60,142	\$66,692	\$73,294	\$79,910	\$84,004	\$89,827	\$93,592	\$88,475	\$75,678	\$68,419	\$51,816	\$37,107	\$868,956
13	<b>LNG Inventory Balance</b>		\$2,267,685	\$2,486,527	\$2,733,364	\$3,133,824	\$3,439,318	\$3,520,714	\$3,348,673	\$3,386,262	\$2,997,625	\$2,697,248	\$2,532,709	\$2,060,523	
14	Cost of Capital	Dkt 4339	7 25%	7 25%	7 25%	7 25%	7 25%	7 25%	7 25%	7 26%	7 26%	7 26%	7 26%	7 26%	
15	Return on Working Capital Requirement	(13) * (14)	\$164,407	\$180,273	\$198,169	\$227,202	\$249,351	\$255,252	\$242,779	\$245,843	\$217,628	\$195,820	\$183,875	\$149,594	\$2,510,192
16	Weighted Cost of Debt	Dkt 4339	2 57%	2 57%	2 57%	2 57%	2 57%	2 57%	2 57%	2 58%	2 58%	2 58%	2 58%	2 58%	
17	Interest Charges Financed	(13) * (16)	\$58,280	\$63,904	\$70,247	\$80,539	\$88,390	\$90,482	\$86,061	\$87,366	\$77,339	\$69,589	\$65,344	\$53,161	\$890,702
18	Taxable Income	(15) - (17)	\$106,128	\$116,369	\$127,921	\$146,663	\$160,960	\$164,769	\$156,718	\$158,477	\$140,289	\$126,231	\$118,531	\$96,432	
19	1 - Combined Tax Rate	Dkt 4323	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	0 65	
20	Return and Tax Requirement	(18) / (19)	\$163,273	\$179,030	\$196,802	\$225,635	\$247,631	\$253,491	\$241,104	\$243,811	\$215,829	\$194,202	\$182,355	\$148,358	\$2,491,522
21	Working Capital Requirement	(17) + (20)	\$221,553	\$242,934	\$267,050	\$306,175	\$336,021	\$343,974	\$327,165	\$331,176	\$293,168	\$263,791	\$247,699	\$201,519	\$3,382,224
22	Monthly Average	(21) / 12	\$18,463	\$20,244	\$22,254	\$25,515	\$28,002	\$28,664	\$27,264	\$27,598	\$24,431	\$21,983	\$20,642	\$16,793	\$281,852
23	<b>TOTAL GCR Inventory Financing Costs</b>	(12) + (22)	<b>\$78,605</b>	<b>\$86,937</b>	<b>\$95,548</b>	<b>\$105,425</b>	<b>\$112,006</b>	<b>\$118,491</b>	<b>\$120,856</b>	<b>\$116,073</b>	<b>\$100,108</b>	<b>\$90,401</b>	<b>\$72,458</b>	<b>\$53,900</b>	<b>\$1,150,808</b>

**Actual Dth Usage for Filing**

Line No.	THROUGHPUT (Dth) Rate Class	<u>Apr</u> <u>Actual</u> (a)	<u>May</u> <u>Actual</u> (b)	<u>Jun</u> <u>Actual</u> (c)	<u>Jul</u> <u>Actual</u> (d)	<u>Aug</u> <u>Actual</u> (e)	<u>Sep</u> <u>Actual</u> (f)	<u>Oct</u> <u>Actual</u> (g)	<u>Nov</u> <u>Actual</u> (h)	<u>Dec</u> <u>Actual</u> (i)	<u>Jan</u> <u>Actual</u> (j)	<u>Feb</u> <u>Actual</u> (k)	<u>Mar</u> <u>Actual</u> (l)	<u>Apr-Mar</u> (m)
<b>SALES</b>														
1	Residential Non-Heating	60,019	39,167	28,743	18,658	16,187	16,103	19,867	27,860	38,287	50,638	50,625	47,073	413,226
2	Residential Non-Heating Low Income	2,941	1,956	1,023	327	259	277	392	708	1,220	1,697	1,646	1,406	13,852
3	Residential Heating	1,778,181	1,062,089	573,872	392,213	337,357	341,248	470,510	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	16,532,640
4	Residential Heating Low Income	152,450	100,566	55,710	40,021	33,305	34,078	46,179	99,712	178,044	250,781	238,178	213,710	1,442,733
5	Small C&I	236,605	124,634	68,665	47,017	41,144	34,719	46,769	116,386	260,153	412,737	405,424	368,672	2,162,923
6	Medium C&I	310,734	195,493	122,262	92,582	92,842	91,211	118,506	202,328	353,053	502,001	473,805	444,548	2,999,365
7	Large LLF	77,000	38,092	17,590	8,111	9,003	7,444	14,885	38,117	70,274	111,810	100,523	94,633	587,482
8	Large HLF	14,204	15,349	19,350	15,912	10,345	14,381	17,352	17,053	21,083	26,215	26,803	24,099	222,146
9	Extra Large LLF	8,303	5,409	3,332	1,167	1,113	283	744	3,267	6,464	12,229	9,417	10,069	61,797
10	Extra Large HLF	6,283	4,488	5,453	5,653	5,410	6,275	7,588	10,464	5,556	6,078	3,679	3,582	70,507
11	<b>Total Sales</b>	<b>2,646,719</b>	<b>1,587,241</b>	<b>896,000</b>	<b>621,661</b>	<b>546,964</b>	<b>546,017</b>	<b>742,792</b>	<b>1,621,637</b>	<b>2,962,145</b>	<b>4,309,240</b>	<b>4,195,075</b>	<b>3,831,181</b>	<b>24,506,672</b>
<b>TSS</b>														
12	Small	101	55	14	1	0	1	3	1	820	1,643	1,720	1,352	5,711
13	Medium	17,296	10,629	427	871	692	666	738	1,651	2,542	5,657	6,588	6,566	54,323
14	Large LLF	5,738	3,350	7,452	470	406	(7,506)	71	1,104	2,207	5,122	5,623	8,641	32,678
15	Large HLF	2,679	2,702	294	0	221	1,580	6,129	360	986	(7,763)	781	852	8,821
16	Extra Large LLF	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Extra Large HLF	0	0	0	0	0	0	0	0	0	0	0	0	0
18	<b>Total TSS</b>	<b>25,815</b>	<b>16,736</b>	<b>8,187</b>	<b>1,342</b>	<b>1,320</b>	<b>(5,259)</b>	<b>6,941</b>	<b>3,116</b>	<b>6,555</b>	<b>4,658</b>	<b>14,712</b>	<b>17,411</b>	<b>101,533</b>
<b>Sales &amp; TSS THROUGHPUT</b>														
19	Residential Non-Heating	60,019	39,167	28,743	18,658	16,187	16,103	19,867	27,860	38,287	50,638	50,625	47,073	413,226
20	Residential Non-Heating Low Income	2,941	1,956	1,023	327	259	277	392	708	1,220	1,697	1,646	1,406	13,852
21	Residential Heating	1,778,181	1,062,089	573,872	392,213	337,357	341,248	470,510	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	16,532,640
22	Residential Heating Low Income	152,450	100,566	55,710	40,021	33,305	34,078	46,179	99,712	178,044	250,781	238,178	213,710	1,442,733
23	Small C&I	236,705	124,688	68,679	47,017	41,144	34,720	46,772	116,387	260,972	414,380	407,145	370,024	2,168,634
24	Medium C&I	328,031	206,121	122,689	93,453	93,534	91,877	119,244	203,978	355,596	507,658	480,393	451,114	3,053,688
25	Large LLF	82,739	41,442	25,042	8,581	9,409	(62)	14,956	39,221	72,481	116,932	106,146	103,274	620,160
26	Large HLF	16,883	18,051	19,644	15,912	10,566	15,961	23,481	17,413	22,069	18,451	27,584	24,951	230,967
27	Extra Large LLF	8,303	5,409	3,332	1,167	1,113	283	744	3,267	6,464	12,229	9,417	10,069	61,797
28	Extra Large HLF	6,283	4,488	5,453	5,653	5,410	6,275	7,588	10,464	5,556	6,078	3,679	3,582	70,507
29	<b>Total Sales &amp; TSS Throughput</b>	<b>2,672,534</b>	<b>1,603,977</b>	<b>904,187</b>	<b>623,002</b>	<b>548,284</b>	<b>540,759</b>	<b>749,733</b>	<b>1,624,752</b>	<b>2,968,700</b>	<b>4,313,898</b>	<b>4,209,787</b>	<b>3,848,592</b>	<b>24,608,205</b>
<b>FT-1 TRANSPORTATION</b>														
30	FT-1 Medium	50,248	46,317	16,972	12,658	23,275	19,597	25,082	15,039	57,778	91,539	92,513	76,349	527,366
31	FT-1 Large LLF	70,276	54,505	4,166	(6,639)	15,268	12,755	21,342	30,674	85,561	138,218	139,766	118,745	684,636
32	FT-1 Large HLF	36,833	33,922	28,372	31,907	24,836	26,008	28,244	3,130	34,229	46,585	45,978	41,018	381,061
33	FT-1 Extra Large LLF	106,626	93,152	12,455	(19,882)	16,867	16,137	27,896	49,729	116,405	178,743	179,983	159,841	937,951
34	FT-1 Extra Large HLF	410,300	485,818	417,435	478,958	424,379	489,409	401,651	26,686	491,114	557,480	552,086	489,501	5,224,817
35	Default	4,502	4,208	102	527	1,411	1,527	2,003	1,315	5,384	7,861	7,933	6,877	43,649
36	<b>Total FT-1 Transportation</b>	<b>678,786</b>	<b>717,920</b>	<b>479,501</b>	<b>497,528</b>	<b>506,036</b>	<b>565,433</b>	<b>506,217</b>	<b>126,573</b>	<b>790,470</b>	<b>1,020,427</b>	<b>1,018,260</b>	<b>892,330</b>	<b>7,799,481</b>
<b>FT-2 TRANSPORTATION</b>														
37	FT-2 Small	8,922	4,864	2,660	1,939	1,894	1,805	2,711	5,763	12,400	19,816	18,921	18,027	99,721
38	FT-2 Medium	180,341	117,208	72,110	51,904	45,212	44,845	62,395	113,132	196,524	277,630	266,892	257,186	1,685,377
39	FT-2 Large LLF	124,706	75,799	25,923	15,596	13,724	15,849	28,855	90,345	164,245	224,090	204,116	189,418	1,172,665
40	FT-2 Large HLF	39,401	32,801	27,650	21,669	21,990	26,358	24,907	36,219	43,989	56,893	59,620	56,196	447,691
41	FT-2 Extra Large LLF	9,132	6,423	3,574	2,469	2,001	475	818	1,374	4,987	7,574	6,675	5,895	51,397
42	FT-2 Extra Large HLF	40,735	36,244	36,123	35,144	32,540	38,843	37,476	42,225	46,991	50,604	47,994	55,613	500,532
43	<b>Total FT-2 Transportation</b>	<b>403,236</b>	<b>273,340</b>	<b>168,039</b>	<b>128,721</b>	<b>117,359</b>	<b>128,175</b>	<b>157,161</b>	<b>289,058</b>	<b>469,135</b>	<b>636,607</b>	<b>604,218</b>	<b>582,335</b>	<b>3,957,383</b>
<b>Total THROUGHPUT</b>														
44	Residential Non-Heating	60,019	39,167	28,743	18,658	16,187	16,103	19,867	27,860	38,287	50,638	50,625	47,073	413,226
45	Residential Non-Heating Low Income	2,941	1,956	1,023	327	259	277	392	708	1,220	1,697	1,646	1,406	13,852
46	Residential Heating	1,778,181	1,062,089	573,872	392,213	337,357	341,248	470,510	1,105,743	2,028,011	2,935,054	2,884,975	2,623,389	16,532,640
47	Residential Heating Low Income	152,450	100,566	55,710	40,021	33,305	34,078	46,179	99,712	178,044	250,781	238,178	213,710	1,442,733
48	Small C&I	245,627	129,552	71,339	48,956	43,038	36,525	49,483	122,150	273,372	434,196	426,066	388,051	2,268,355
49	Medium C&I	558,619	369,646	211,771	158,015	162,022	156,319	206,721	332,149	609,897	876,827	839,797	784,649	5,266,431
50	Large LLF	277,720	171,746	55,130	17,537	38,400	28,542	65,153	160,240	322,287	479,241	450,028	411,438	2,477,462
51	Large HLF	93,117	84,774	75,665	69,488	57,392	68,327	76,631	56,763	100,288	121,930	133,181	122,164	1,059,720
52	Extra Large LLF	124,061	104,983	19,361	(16,246)	19,981	16,895	29,458	54,369	127,856	198,546	196,075	175,805	1,051,145
53	Extra Large HLF	457,318	526,550	459,011	519,756	462,329	534,527	446,715	79,375	543,661	614,162	603,758	548,696	5,795,856
54	Default	4,502	4,208	102	527	1,411	1,527	2,003	1,315	5,384	7,861	7,933	6,877	43,649
55	<b>Total Throughput</b>	<b>3,754,555</b>	<b>2,595,237</b>	<b>1,551,727</b>	<b>1,249,252</b>	<b>1,171,679</b>	<b>1,234,367</b>	<b>1,413,111</b>	<b>2,040,383</b>	<b>4,228,306</b>	<b>5,970,932</b>	<b>5,832,264</b>	<b>5,323,257</b>	<b>36,365,069</b>