

June 30, 2015

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: 2015 Annual Gas Cost Recovery Reconciliation

Dear Ms Massaro

In accordance with the provisions of the National Grid's Gas Cost Recovery (GCR) Clause Tariff, RIPUC NG No. 101, Section 2, Schedule A, Sheet 1, Item 1.2, enclosed are ten (10) copies of National Grid's annual GCR reconciliation filing. The reconciliation consists of the following six schedules and contains actual gas cost and revenue data for the twelve months ending March 31, 2015.

- Schedule 1 presents the monthly gas-cost specific ending deferred balances for the respective periods, resulting in an end-of-period under-collection of approximately \$22.4 million², as shown on Schedule 1, Line 49.
- Schedule 2 provides a breakdown of actual gas costs.
- Schedule 3 summarizes gas cost revenue.
- Schedule 4 presents the calculation of working capital costs.
- Schedule 5 provides the calculations of inventory finance charges.
- Schedule 6 presents actual customer throughput for each rate class.

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

The March 2015 ending balance of \$22,436,901 differs by \$147,363 from the March 2015 deferred balance of \$22,584,264 shown in the June 19, 2015 Monthly Deferred Report as a result of the following: (1) a correction to Non-Firm Sales customers' gas costs included on Schedule 2, Line 100, resulting in an additional charge of \$1,814; (2) the addition of FT-1 Storage and Peaking revenues of \$5,708 shown in Schedule 3, Line 23; (3) a restatement of the NGPMP credits, increasing the credit to the reconciliation by \$143,394 for the month of March 2015 (the June 19, 2015 Monthly Deferred Report included this amount in April 2015); and (4) a credit of \$75 in associated interest.

Luly E. Massaro, Commission Clerk 2015 Annual Gas Cost Recovery Reconciliation June 30, 2015 Page 2 of 2

This filing also includes a Motion for Protective Treatment in accordance with Rule 1.2(g) of the Rhode Island Public Utilities Commission's (PUC) Rules of Practice and Procedure and R.I.G.L. § 38-2-2(4)(B). The Company seeks protection from public disclosure of certain gas-cost pricing information, which is provided in Schedule 2 of the filing. This information was previously given confidential treatment in the Company's 2014 Gas Cost Recovery filing in Docket No. 4520. Accordingly, the Company has provided the PUC with one (1) 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 transmittal. If you have any questions, please contact me at (401) 784-7288.

Very truly yours,

Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4520 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. Paper copies of this filing are being hand delivered to the RI Public Utilities Commission and to the RI Division of Public Utilities and Carriers.

Just Sant	
	<u>June ' \$, 2015</u>
Joanne M. Scanlon	Date

Docket No. 4520 – National Grid – 2014 Annual Gas Cost Recovery Filing ("GCR") - Service List as of 9/11/14

Name/Address	E-mail	Phone
Jennifer Brooks Hutchinson, Esq.	Jennifer.hutchinson@nationalgrid.com	401-784-7667
National Grid		
280 Melrose St.	Celia.obrien@nationalgrid.com	
Providence, RI 02907	Joanne.scanlon@nationalgrid.com	
Ann E. Leary	Ann.Leary@nationalgrid.com	
National Grid		
40 Sylvan Road		
Waltham, MA 02541		
Elizabeth D. Arangio	Elizabeth.Arangio@nationalgrid.com	
National Grid		
40 Sylvan Road		
Waltham, MA 02541		
Stephen A. McCauley	Stephen.Mccauley@nationalgrid.com	
National Grid		
40 Sylvan Road		
Waltham, MA 02541		
Leo Wold, Esq.	<u>Lwold@riag.ri.gov</u>	401-222-2424
Dept. of Attorney General	Sscialabba@dpuc.ri.gov	
150 South Main St.		
Providence RI 02903	dmacrae@riag.ri.gov	
D 01:	Jmunoz@riag.ri.gov	702.560.6400
Bruce Oliver	Boliver.rha@verizon.net	703-569-6480
Revilo Hill Associates		
7103 Laketree Drive		
Fairfax Station, VA 22039	/ Laboration of the second of	401 700 2107
File an original & nine (9) copies w	Luly.massaro@puc.ri.gov	401-780-2107
Luly E. Massaro, Commission Clerk Public Utilities Commission	Patricia.lucarelli@puc.ri.gov	
	1 atticia.tacarcin(a/puc.tt.gov	
89 Jefferson Blvd.	Sharon.ColbyCamara@puc.ri.gov	
Warwick RI 02888	Todd.bianco@puc.ri.gov	

Office of Energy Resources	Marion.Gold@energy.ri.gov	
Marion Gold	Christopher.Kearns@energy.ri.gov	
Christopher Kearns	Nicholas.ucci@energy.ri.gov	
Nicholas Ucci		

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

2015 Annual Gas Cost Recovery Reconciliation

NATIONAL GRID'S MOTION FOR PROTECTIVE TREATMENT OF CONFIDENTIAL INFORMATION

National Grid¹ hereby requests that the Rhode Island Public Utilities Commission (PUC) provide confidential treatment and 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.G.L. § 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, 2015, National Grid filed with the PUC its annual Gas Cost Recovery (GCR) reconciliation filing. This filing includes gas-cost pricing information, which is provided in Schedule 2 of the filing. This is the same information that was the subject of a Motion for Protective Treatment of Confidential Information in the Company's Annual GCR filing in Docket No. 4520. Therefore, National Grid requests that the PUC give the information contained in Schedule 2 of this filing confidential treatment.

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

II. LEGAL STANDARD

The PUC's Rule 1.2(g) provides that access to public records shall be granted in accordance with the Access to Public Records Act (APRA), R.I.G.L. § 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.G.L. § 38-2-2(4). Therefore, 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 to be confidential and to protect that information from public disclosure.

In that regard, R.I.G.L. § 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 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. Providence Journal Company v. Convention Center Authority, 774 A.2d 40 (R.I.2001).

The first prong of the test is satisfied when information is voluntarily provided to the governmental agency and that information is of a kind that would customarily not be released to the public by the person from whom it was obtained. Providence Journal, 774 A.2d at 47.

III. **BASIS FOR CONFIDENTIALITY**

The gas-cost pricing information, which is provided in Schedule 2 of the filing, is

confidential and privileged information of the type that the Company would not

ordinarily make public. The dissemination of this type of information could impact the

Company in the future to obtain advantageous pricing. This information was previously

identified as confidential in Docket No. 4520.

IV. **CONCLUSION**

Accordingly, the Company requests that the PUC grant protective treatment to the

un-redacted version of Schedule 2.

WHEREFORE, the Company respectfully requests that the PUC grant

its Motion for Protective Treatment of Confidential Information as stated herein.

Respectfully submitted,

THE NARRAGANSETT ELECTRIC

COMPANY

By its attorney,

Jennifer Brooks Hutchinson, Esq.

(RI Bar #6176)

National Grid

280 Melrose Street

Providence, RI 02907

(401) 784-7288

Dated: June 30, 2015

-3-

Deferred Gas Cost Balances

National Grid Rhode Island - Gas

Line															
No.	Description	Reference													
			<u>Apr</u>	May	<u>Jun</u>	<u>Jul</u>	Aug	<u>Sep</u>	Oct	Nov	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	Apr-Mar
			Actual	Actual											
1	# of Days in Month		30	31	30	31	31	30	31	30	31	31	28	31	365
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
	I. Fixed Cost Deferred														
3	Beginning Balance	Dkt 4520, Sch. AEL-2, pg. 1, line 17, col. rr	(\$16,517,674)	(\$17,077,221)	(\$16,061,355)	(\$15,854,316)	(\$13,270,644)	(\$10,576,867)	(\$10,024,331)	(\$7,512,514)	(\$5,401,759)	(\$5,180,202)	(\$8,401,939)	(\$11,113,267)	(\$16,517,674)
4	0.15.10.44.4	0.1. 0 .1	02.520.171	00.000.000		02 (24 002	62 (80 500	02.504.004			04.025.500		62 800 050	02.252.201	044.000.000
5	Supply Fixed Costs (net of cap rel)	Sch. 2, line 49	\$3,639,171	\$3,672,635	\$3,699,902	\$3,634,903	\$3,679,599	\$3,694,784	\$3,681,501	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$44,037,672
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	0.1 4.1: 16	(\$83,333)	(\$83,333)	(\$2,232,073)	(\$83,333)	(\$83,333)	(\$2,232,073)	(\$83,333)	(\$83,333)	(\$83,333)	(\$1,558,333)	(\$83,333)	(\$2,748,980)	(\$9,438,126)
10	Working Capital	Sch. 4, line 15 sum[(5):(9)]	\$20,839 \$3,500,577	\$21,038 \$3,534,239	\$21,199 \$1,412,928	\$20,814 \$3,496,283	\$21,079 \$3,541,244	\$21,169 \$1,407,780	\$21,090 \$3,543,157	\$21,289 \$3,683,475	\$22,521 \$3,898,667	\$18,383 \$1,700,776	\$21,100 \$3,650,526	\$18,702 \$565,912	\$249,224 \$33,935,562
	Total Supply Fixed Costs	Sch. 3, line 10	\$4,042,875	\$2,500,791	\$1,412,928	\$3,496,283	\$834,814	\$844,667	\$1,022,036	\$1,486,014	\$3,671,495	\$4,915,307	\$6,352,502	\$6,024,150	\$33,781,313
11	Supply Fixed - Revenue		(\$17,059,972)	(\$16,043,774)	(\$15,837,930)	(\$13,255,192)	(\$10,564,215)	(\$10,013,754)	(\$7,503,210)	(\$5,315,053)	(\$5,174,588)	(\$8,394,733)	(\$11,103,915)	(\$16,571,506)	(\$16,363,424)
12 13	Prelim. Ending Balance Month's Average Balance	(3) + (10) - (11) [(3) + (12)] / 2	(\$17,039,972)	(\$16,560,497)	(\$15,837,930)	(\$14,554,754)	(\$10,364,213)	(\$10,013,734)	(\$8,763,770)	(\$6,413,783)	(\$5,174,388)	(\$6,787,467)	(\$9,752,927)	(\$13,842,386)	(\$10,303,424)
14	Interest Rate (BOA Prime minus 200 bps)	[(3) + (12)] / 2	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
15	Interest Applied	[(13) * (14)] / 365 * (1)	(\$17,249)	(\$17,581)	(\$16,387)	(\$15,452)	(\$12,652)	(\$10,577)	(\$9,304)	(\$6,590)	(\$5,614)	(\$7,206)	(\$9,352)	(\$14,696)	(\$142,660)
16	Marketer Reconcilation	Dkt 4520	\$0	(\$17,581)	\$0,387)	(\$13,432)	(\$12,032) \$0	\$0	(39,304)	(\$80,117)	(33,014)	(\$7,200) \$0	(39,332) \$0	\$0	(\$80,117)
	Fixed Ending Balance	(12) + (15) + (16)	(\$17,077,221)	(\$16,061,355)	(\$15,854,316)	(\$13,270,644)	(\$10,576,867)	(\$10,024,331)	(\$7,512,514)	(\$5,401,759)	(\$5,180,202)	(\$8,401,939)	(\$11,113,267)	(\$16,586,201)	(\$16,586,201)
17	Fixed Ending Datanec	(12) (13) (10)	(\$17,077,221)	(\$10,001,555)	(\$13,634,310)	(313,270,044)	(\$10,570,807)	(\$10,024,331)	(\$7,312,314)	(35,401,759)	(\$3,180,202)	(30,401,939)	(\$11,113,207)	(\$10,380,201)	(\$10,380,201)
18	II. Variable Cost Deferred														
19	Beginning Balance	Dkt 4520, Sch. AEL-2, pg. 1, line 34, col. m	\$69,979,022	\$57,721,957	\$48,935,261	\$42,793,398	\$41.574.343	\$39.228.885	\$36,624,185	\$33.274.667	\$35,013,496	\$32,356,148	\$36,172,285	\$47,201,165	\$69,979,022
20	Deginning Datanee	DRI 4320, Scii. NEE-2, pg. 1, iiic 34, coi. ii	307,777,022	951,121,751	540,755,201	\$42,775,576	\$41,574,545	957,220,005	\$50,024,105	\$55,274,007	\$55,015,470	\$52,550,140	\$30,172,203	347,201,103	\$00,010,022
21	Variable Supply Costs	Sch. 2, line 108	\$9,056,537	\$3,766,783	\$1,890,149	\$2,768,699	\$1,946,151	\$1,669,097	\$3,214,322	\$11,252,746	\$16,354,768	\$29,261,517	\$43,680,593	\$21,664,628	\$146,525,991
22	Supply Related LNG to DAC	Dkt 4339	\$0,050,557	\$0,700,700	\$0	\$2,700,099	\$1,740,151	\$1,000,007	\$0	(\$599)	(\$113,742)	(\$923)	(\$496,944)	(\$4,929)	(\$617,137)
23	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
24	Inventory Financing - LNC	Sch. 5. line 22	\$24,413	\$40.118	\$39.550	\$38.253	\$37.137	\$36,434	\$39.973	\$41.542	\$41.387	\$23.617	\$13,283	\$11.805	\$387.511
25	Inventory Financing - UC	Sch. 5, line 12	\$57,244	\$68.031	\$79,156	\$92,816	\$104,473	\$115,412	\$122,433	\$113,748	\$102,613	\$73,713	\$54,137	\$48.072	\$1,031,848
26	Working Capital	Sch. 4, line 30	\$53,692	\$22,331	\$11,206	\$16,414	\$11,538	\$9,895	\$19,056	\$64,785	\$93,509	\$168,471	\$248,635	\$124,708	\$844,241
27	Total Supply Variable Costs	sum[(21):(26)]	\$9,239,610	\$3,944,987	\$2,067,786	\$2,963,908	\$2,147,023	\$1,878,562	\$3,443,508	\$11.519.948	\$16,526,260	\$29,574,120	\$43,547,428	\$21.892.009	\$148,745,148
28	Supply Variable - Revenue	Sch. 3, line 24	\$21,562,241	\$12,788,269	\$8,256,746	\$4,227,723	\$4,535,350	\$4,522,208	\$6,830,110	\$9,816,180	\$19,219,351	\$25,794,339	\$32,558,502	\$30,175,864	\$180,286,884
29	Prelim. Ending Balance	(19) + (27) - (28)	\$57,656,391	\$48,878,675	\$42,746,301	\$41,529,583	\$39,186,016	\$36,585,239	\$33,237,583	\$34,978,435	\$32,320,405	\$36,135,928	\$47,161,211	\$38,917,310	\$38,437,286
30	Month's Average Balance	[(19) + (29)] / 2	\$63,817,707	\$53,300,316	\$45,840,781	\$42,161,490	\$40,380,180	\$37,907,062	\$34,930,884	\$34,126,551	\$33,666,951	\$34,246,038	\$41,666,748	\$43,059,238	,,
31	Interest Rate (BOA Prime minus 200 bps)	K - 7 (- 74	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
32	Interest Applied	[(30) * (31)] / 365 * (1)	\$65,566	\$56,586	\$47,097	\$44,760	\$42,869	\$38,946	\$37,084	\$35,062	\$35,742	\$36,357	\$39,954	\$45,714	\$525,737
33	Gas Procurement Incentive/(penalty	. , , , ,	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,078	\$60,078
34	Variable Ending Balance	(29) + (32) + (33)	\$57,721,957	\$48,935,261	\$42,793,398	\$41,574,343	\$39,228,885	\$36,624,185	\$33,274,667	\$35,013,496	\$32,356,148	\$36,172,285	\$47,201,165	\$39,023,102	\$39,023,102
	_														
35	GCR Deferred Summary														
36	Beginning Balance	(3) + (19)	\$53,461,348	\$40,644,736	\$32,873,906	\$26,939,081	\$28,303,699	\$28,652,019	\$26,599,854	\$25,762,154	\$29,611,737	\$27,175,946	\$27,770,347	\$36,087,898	\$53,461,348
37	Gas Costs	sum[(4):(7),(16),(20):(23)]	\$12,667,332	\$7,411,042	\$5,561,675	\$6,375,226	\$5,597,373	\$5,335,505	\$6,867,447	\$14,965,275	\$20,248,230	\$32,549,045	\$46,944,132	\$25,003,614	\$189,525,895
38	Inventory Finance	(24) + (25)	\$81,657	\$108,149	\$118,706	\$131,070	\$141,610	\$151,845	\$162,405	\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$1,419,359
39	Working Capital	(9) + (26)	\$74,531	\$43,369	\$32,405	\$37,228	\$32,617	\$31,064	\$40,146	\$86,075	\$116,030	\$186,854	\$269,735	\$143,410	\$1,093,465
40	NGPMP Credits	(8)	(\$83,333)	(\$83,333)	(\$2,232,073)	(\$83,333)	(\$83,333)	(\$2.232.073)	(\$83,333)	(\$83.333)	(\$83,333)	(\$1,558,333)	(\$83,333)	(\$2,748,980)	(\$9,438,126)
41	Total Costs	sum[(37):(40)]	\$12,740,187	\$7,479,226	\$3,480,714	\$6,460,191	\$5,688,267	\$3,286,342	\$6,986,665	\$15,123,305	\$20,424,927	\$31,274,896	\$47,197,953	\$22,457,920	\$182,600,593
42	Revenue	(11) + (28)	\$25,605,116	\$15,289,061	\$9,446,249	\$5,124,882	\$5,370,164	\$5,366,875	\$7,852,146	\$11,302,194	\$22,890,846	\$30,709,647	\$38,911,004	\$36,200,014	\$214,068,196
43	Prelim. Ending Balance	(36) + (41) - (42)	\$40,596,419	\$32,834,902	\$26,908,371	\$28,274,390	\$28,621,801	\$26,571,486	\$25,734,374	\$29,583,265	\$27,145,818	\$27,741,195	\$36,057,296	\$22,345,805	3214,000,190
43	Month's Average Balance	[(36) + (41) - (42)]	\$47,028,884	\$36,739,819	\$29,891,139	\$27,606,736	\$28,462,750	\$27,611,752	\$26,167,114	\$27,672,709	\$28,378,777	\$27,458,571	\$31,913,821	\$29,216,851	
45	Interest Rate (BOA Prime minus 200 bps)	[(50) - (45)] / 2	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	
46	Interest Applied	(15) + (32)	\$48.317	\$39,005	\$30,710	\$29,309	\$30,217	\$28,368	\$27,780	\$28,472	\$30,128	\$29,151	\$30,602	\$31,018	\$383,078
47	Gas Purchase Plan Incentives/(Penalties)	(33)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,078	\$60,078
48		(/	20	40	40	30		20	Ψ0	50	30	20	30	,0	,-/0
	Ending Bal. W/ Interest	(43) + (46) + (47)	\$40,644,736	\$32,873,906	\$26,939,081	\$28,303,699	\$28,652,019	\$26,599,854	\$25,762,154	\$29,611,737	\$27,175,946	\$27,770,347	\$36,087,898	\$22,436,901	\$22,436,901
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National Grid Rhode Island - Gas

Supply Estimate and Actuals for Filing

			Apr Actual (a)	May Actual (b)	Jun Actual (c)	<u>Jul</u> Actual (d)	Aug Actual (e)	Sep Actual (f)	Oct Actual (g)	Nov Actual (h)	<u>Dec</u> Actual (i)	<u>Jan</u> Actual (j)	Feb Actual (k)	Mar Actual (l)	Apr-Mar (m)
Line	Description	Reference													
No.															
1 2	SUPPLY FIXED COSTS - Pipeline Delivery Algonquin (includes East to West, Hubline, AMA credits)		\$822,516	\$822,516	\$822,516	\$822,516	\$822,516	\$822,542	\$822,516	\$855,339	\$862,237	\$854,036	\$866,048	\$860,386	\$10,055,683
3	TETCO/Texas Eastern		\$699,042	\$707,686	\$707,679	\$707,729	\$706,305	\$706,290	\$706,290	\$706,290	\$695,027	\$696,795	\$725,745	\$724,892	\$8,489,771
4	Tennessee		\$979,459	\$999,007	\$999,007	\$994,846	\$999,007	\$1,010,345	\$999,007	\$1,002,525	\$1,014,199	\$1,002,620	\$1,050,989	\$1,060,237	\$12,111,250
5	NETNE		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6 7	Iroquois Union		\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,666 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$6,676 \$0	\$80,105 \$0
8	Transcanada		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
9	Dominion		(\$28,796)	(\$28,796)	(\$28,796)	(\$33,188)	(\$28,796)	(\$28,796)	(\$28,796)	\$2,232	\$1,730	\$1,981	\$1,981	\$1,981	(\$196,061)
10	Transco		\$6,011	\$7,159	\$7,159	\$6,926	\$7,158	\$6,927	\$7,158	\$6,927	\$5,088	\$2,880	\$4,533	\$5,019	\$72,947
11	National Fuel		\$4,667	\$4,664	\$4,664	\$4,671	\$4,664	\$4,667	\$4,667	\$4,664	\$4,667	\$4,667	\$4,667	\$4,667	\$55,994
12	Columbia		\$271,012 \$417	\$281,118 \$526	\$281,314 \$514	\$280,275 \$576	\$281,314 \$514	\$281,787 \$803	\$288,822 \$514	\$287,957 \$514	\$278,134 \$435	\$277,080 \$406	\$274,807	\$307,407 \$128	\$3,391,028 \$5,765
13 14	Alberta Northeast Emera Energy		(\$950)	(\$950)	(\$950)	(\$950)	(\$950)	(\$950)	(\$950)	(\$21,500)	(\$21,500)	(\$21,500)	\$418 (\$21,500)	(\$21,500)	(\$114,150)
15	Cargill Ltd.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,534)	(\$1,534)	\$9,195	\$19,551	\$15,397	\$41,075
16	Shell Energy		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Coral Energy		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	DB Energy Trading		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 20	Westerly Lateral Less Credits from Mkter Releases		(\$620,785)	(\$640,706)	(\$611,851)	(\$659,118)	(\$631,178)	(\$618,916)	(\$636,774)	(\$540,578)	(\$559,686)	(\$563,119)	(\$534,564)	(\$578,159)	(\$7,195,433)
21	Less Cieutis Itolii Wikier Releases		(\$020,783) \$0	\$0	\$0 \$0	\$0	\$031,178) \$0	\$0	\$030,774) \$0	(\$340,378)	(\$339,080) \$0	(\$303,119)	\$0 \$0	(\$578,159) \$0	(\$7,193,433)
22			90	40	40		90		40	40	90	40	30	40	40
23															
24	Supply Fixed - Supplier														
25	Distrigas FCS		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
26 27			30	\$0	\$0	\$0	20	\$0	\$0	\$0	\$0	\$0	50	20	\$0
27															
28	STORAGE FIXED COSTS - Facilities														
29	Texas Eastern		\$93,860	\$93,756	\$93,756	\$84,912	\$93,742	\$84,781	\$93,742	\$93,742	\$93,741	\$93,741	\$85,681	\$85,672	\$1,091,126
30 31	Dominion Tennessee		\$70,197 \$49,804	\$82,782 \$49,804	\$82,782 \$49,804	\$82,782 \$49,804	\$82,782 \$49,804	\$82,782 \$49,804	\$82,782 \$49,804	\$82,967 \$49,804	\$82,967 \$49,804	\$82,967 \$49,804	\$82,967 \$49,804	\$82,967 \$49,804	\$981,726 \$597,648
32	Columbia		\$9.735	\$9.735	\$9.735	\$9.735	\$9,735	\$9.735	\$9.735	\$9,735	\$9.735	\$9.735	\$9,694	_\$11,866	_\$118,908
33	Keyspan LNG Tank Lease Payment														
34			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	STORAGE FIXED COSTS - Delivery														
36	Algonquin		\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$210,918	\$2,531,011
37	TETCO		\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$87,499	\$1,049,985
38	Tennessee		\$91,993	\$91,993	\$91,993	\$91,993	\$91,993	\$91,993	\$91,993	\$90,782	\$90,782	\$90,782	\$90,782	\$90,782	\$1,097,862
39	Dominion		\$31,047	\$31,047	\$31,047	\$31,047	\$31,047	\$31,047	\$31,047	\$30,946	\$30,946	\$30,946	\$30,946	\$30,946	\$372,056
40 41	Columbia Distrigas FLS call payment		\$14,145	\$14,145	\$14,145	\$14,145	\$14,145	\$14,145	\$14,145	\$15,010	\$15,010	\$15,010	\$15,010	\$15,010	\$174,068
42	Hess Peaking Supply at Salem			—	_					—				1	
43	Hess Peaking Supply at Dracut		Ī	Ĭ			Ī	Ĭ	I		Ī	Ī		Ī	
44	Repsol Peaking Supply at Dracut		4	4	4	4	4	4	4	4				4	
45	EMERA Peaking Supply at Salem					4				#					
46 47	BP Peaking Supply at Dracut		-	-	-	-	-		-	-					
48															
.5															
49	TOTAL FIXED COSTS	sum[(2):(48)]	\$3,639,171	\$3,672,635	\$3,699,902	\$3,634,903	\$3,679,599	\$3,694,784	\$3,681,501	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$44,037,672

National Grid Rhode Island - Gas

Supply Estimate and Actuals for Filing

			Apr Actual (a)	May Actual (b)	Jun Actual (c)	<u>Jul</u> Actual (d)	Aug Actual (e)	Sep Actual (f)	Oct Actual (g)	Nov Actual (h)	Dec Actual (i)	<u>Jan</u> <u>Actual</u> (j)	<u>Feb</u> <u>Actual</u> (k)	Mar Actual (l)	Apr-Mar (m)
Line <u>No.</u>	Description	Reference													
50	VARIABLE SUPPLY COSTS (Includes Injections)														
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 70 71 71	Tennessee Zone 0 Tennessee Zone 4 Tennessee Connexion Tennessee Dracut TETCO STX TETCO ELA TETCO WLA TETCO ETX TETCO FTX TETCO NF M3 Delivered Maumee Broadrun Col Columbia Eagle and Downingtown TETCO M2 Dominion to TETCO FTS Transco Zone 3 ANE to Tennessee Niagara to Tennessee TETCO to B & W DistriGas FCS Hubline Hess Peaking Supply at Salem														
73 74	Hess Peaking Supply at Dracut Repsol Peaking Supply at Dracut														
75 76 77 78 79 80	Total Pipeline Commodity Charges Hedging Settlements and Amortization Hedging Contracts - Commission & Other Fees Hedging Contracts - Net Carry of Collateral Refunds Less: Costs of Injections	sum[(51):(74)]	\$9,584,881 (\$1,432,972) \$1,099 (\$363) \$0 \$0	\$4,342,935 (\$1,143,521) \$1,304 (\$20) \$0 \$0	\$2,095,313 (\$609,613) \$1,033 (\$52) \$0	\$2,661,433 (\$236,488) \$1,496 \$1,113 \$0 \$0	\$1,735,655 \$121,172 \$1,976 \$1,310 \$0 \$0	\$1,480,726 \$9,107 \$2,839 \$1,166 \$0 \$0	\$2,666,529 \$114,161 \$2,403 \$1,446 \$0 \$0	\$9,202,984 \$791,460 (\$47,803) \$1,519 (\$87) \$0	\$13,099,738 \$460,848 (\$226,636) \$2,740 \$0 \$0	\$17,253,140 \$5,227,292 (\$256,901) \$6,327 \$0 \$0	\$33,817,381 \$5,025,737 (\$236,641) \$9,918 \$0 \$0	\$13,497,416 \$5,068,034 (\$217,486) \$10,046 \$0 \$0	\$111,438,129 \$13,395,216 (\$973,319) \$35,151 (\$87) \$0
81	TOTAL VARIABLE SUPPLY COSTS	sum[(75):(80)]	\$8,152,645	\$3,200,698	\$1,486,680	\$2,427,554	\$1,860,112	\$1,493,838	\$2,784,539	\$9,948,073	\$13,336,690	\$22,229,859	\$38,616,395	\$18,358,008	\$123,895,090
82 83 84	Underground Storage LNG Withdrawals and Trucking Storage Delivery Costs		\$467,691	\$219,604	\$37,243 2 \$0	\$37,234 \$0	\$14,851 \$0	\$47,246	\$205,975 \$0	\$1,040,025	\$2,384,731 \$0	\$4,099,848	\$2,966,943 \$0	\$1 <u>.759,100</u> \$0	\$ <u>13,280,491</u> \$0
85	TOTAL VARIABLE STORAGE COSTS	sum[(82):(84)]													
86	TOTAL VARIABLE COSTS	(81) + (85)													
87	TOTAL SUPPLY COSTS	(49) + (86)													\$187,449,669

National Grid Rhode Island - Gas

Supply Estimate and Actuals for Filing

			Apr Actual	May Actual	<u>Jun</u> Actual	<u>Jul</u> Actual	Aug Actual	Sep Actual	Oct Actual	<u>Nov</u> Actual	<u>Dec</u> Actual	<u>Jan</u> Actual	Feb Actual	Mar Actual	Apr-Mar
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Line	<u>Description</u>	Reference													
No.															
88	Storage Costs for FT-2 Calculation														
89	Storage Fixed Costs - Facilities		\$387,336	\$399,817	\$399,817	\$390,973	\$399,803	\$390,842	\$399,803	\$399,988	\$399,987	\$399,988	\$391,886	\$394,049	\$4,754,289
90	Storage Fixed Costs - Deliveries		\$1,058,933	\$1,058,933	\$1,058,933	\$1,058,933	\$1,058,933	\$1,058,933	\$1,058,933	\$1,058,487	\$1,567,320	\$862,323	\$1,214,821	\$540,155	\$12,655,639
91	sub-total Storage Costs	sum[(89):(90)]	\$1,446,269	\$1,458,751	\$1,458,751	\$1,449,906	\$1,458,736	\$1,449,776	\$1,458,736	\$1,458,475	\$1,967,307	\$1,262,310	\$1,606,708	\$934,204	\$17,409,928
92	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)
93	Inventory Financing		\$81,657	\$108,149	\$118,706	\$131,070	\$141,610	\$151,845	\$162,405	\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$1,419,359
94	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
95	Working Capital Requirement		\$20,839	\$21,038	\$21,199	\$20,814	\$21,079	\$21,169	\$21,090	\$21,289	\$22,521	\$18,383	\$21,100	\$18,702	\$249,224
96	Total FT-2 Storage Fixed Costs	sum[(91):(95)]	\$1,472,665	\$1,511,836	\$1,522,556	\$1,525,689	\$1,545,324	\$1,546,689	\$1,566,131	\$1,558,953	\$2,057,727	\$1,301,923	\$1,619,127	\$936,682	\$18,165,302
97	System Storage MDQ (Dth)		143,184	144,201	143,819	143,273	141,721	143,597	143,395	143,443	174,049	174,226	175,597	177,637	\$1,848,142
98	FT-2 Storage Cost per MDQ (Dth)	(96) / (97)	\$10.2851	\$10.4843	\$10.5866	\$10.6488	\$10.9040	\$10.7711	\$10.9218	\$10.8681	\$11.8227	\$7.4726	\$9.2207	\$5.2730	\$9.83
99	Pipeline Variable	(86)													\$143,411,997
100	Less Non-firm Gas Costs		(\$125,416)	(\$133,618)	(\$52,649)	(\$31,478)	\$8,200	(\$7,424)	(\$30,862)	(\$43,846)	(\$297,274)	(\$119,134)	(\$466,220)	\$133,221	(\$1,166,501)
101	Less Company Use		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
102	Less Manchester St Balancing		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
103	Plus Cashout		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
104	Less Mkter W/drawals/Injections		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
105	Mkter Over-takes/Undertakes		\$192,745	\$146,785	\$161,644	\$94,172	(\$142,867)	(\$50,019)	\$68,063	\$151,304	\$135,712	\$224,143	\$143,957	\$660,828	\$1,786,468
106	Plus Pipeline Srchg/Credit		\$66,742	\$63,626	\$66,567	\$71,792	\$73,391	\$70,228	\$66,750	\$63,793	\$407,317	\$421,307	\$422,953	\$383,560	\$2,178,026
107	Less Mkter FT-2 Daily weather true-up		\$106,274	(\$17,151)	(\$6,117)	\$6,085	\$0	(\$2,145)	(\$16,942)	(\$21,749)	\$61,798	(\$83,139)	\$70,525	\$218,562	\$316,001
108	TOTAL FIRM COMMODITY COSTS	sum[(99):(107)]													\$146,525,991

National Grid
Rhode Island - Gas

Schedule 3
Page 1 of 1

GCR Revenue

			Apr Actual (a)	May Actual (b)	Jun Actual (c)	<u>Jul</u> <u>Actual</u> (d)	Aug Actual (e)	Sep Actual (f)	Oct Actual (g)	Nov Actual (h)	Dec Actual (i)	<u>Jan</u> Actual (j)	Feb Actual (k)	Mar Actual (1)	Apr-Mar (m)
	Description	Reference	(4)	(-)	(-)	(-)	(-)	(-)	(8)	()	(-)	0)	()	(-)	()
Line <u>No.</u> 1															
2 3 4	(a) Low Load dth Fixed Cost Factor Low Load Revenue	Sch. 6, lines sum(24:28), 30 (4) / (2)	3,132,288 \$1.1443 \$3,584,429	1,677,792 \$1.2160 \$2,040,183	750,541 \$1.2321 \$924,744	562,115 \$1.2230 \$687,485	522,735 \$1.2241 \$639,859	553,038 \$1.2145 \$671,676	660,115 \$1.2260 \$809,333	1,398,242 \$0.9887 \$1,382,374	3,144,673 \$1.0538 \$3,313,789	4,295,793 \$1.0481 \$4,502,354	5,562,992 \$1.0483 \$5,831,792	5,137,927 \$1.0480 \$5,384,689	27,398,250 \$29,772,707
5 6 7	(b) High Load dth Fixed Cost Factor High Load Revenue	Sch. 6, lines 22, 23, 29, 31 (7) / (5)	189,860 \$0.9070 \$172,205	98,763 \$1.0339 \$102,113	137,958 \$0.9365 \$129,199	75,684 \$0.9860 \$74,628	57,872 \$1.0605 \$61,373	19,645 \$1.9161 \$37,641	78,672 \$0.9857 \$77,543	(74,749) \$0.4223 (\$31,566)	259,760 \$0.8237 \$213,966	239,726 \$0.9125 \$218,740	214,922 \$0.8845 \$190,098	204,923 \$0.8888 \$182,132	1,503,036 \$1,428,072
8	sub-total throughput Dth	(2) + (5)	3,322,148	1,776,556	888,499	637,799	580,607	572,682	738,787	1,323,493	3,404,433	4,535,518	5,777,914	5,342,849	28,901,286
9	FT-2 Storage Revenue from marketers		\$286,242	\$358,495	\$135,560	\$135,045	\$133,582	\$135,350	\$135,160	\$135,206	\$143,740	\$194,213	\$330,611	\$457,330	\$2,580,533
10	TOTAL Fixed Revenue	(4) + (7) + (9)	\$4,042,875	\$2,500,791	\$1,189,503	\$897,159	\$834,814	\$844,667	\$1,022,036	\$1,486,014	\$3,671,495	\$4,915,307	\$6,352,502	\$6,024,150	\$33,781,313
11	II. Variable Cost Revenue														
12 13 14	(a) Firm Sales dth Variable Supply Cost Factor Variable Supply Revenue	(8) (14) / (12)	3,322,148 \$6.0197 \$19,998,219	1,776,556 \$7.6683 \$13,623,177	888,499 \$7.6778 \$6,821,753	637,799 \$7.6896 \$4,904,391	580,607 \$7.7532 \$4,501,559	572,682 \$7.8865 \$4,516,452	738,787 \$7.7061 \$5,693,185	1,323,493 \$7.2707 \$9,622,772	3,404,433 \$5.6266 \$19,155,252	4,535,518 \$5.6195 \$25,487,489	5,777,914 \$5.6103 \$32,415,893	5,342,849 \$5.6099 \$29,973,022	28,901,286 \$176,713,165
15 16 17	(b) TSS Sales dth TSS Surcharge Factor TSS Surcharge Revenue	Sch. 6, line 20 Company's website (15) * (16)	3,823 \$0.0000 \$0	17,061 \$0.0000 \$0	7,672 \$0.0000 \$0	8,015 \$0.0000 \$0	7,244 \$0.0000 \$0	7,643 \$0.0000 \$0	8,829 \$0.0000 \$0	15,052 \$0.0000 \$0	31,258 \$0.0000 \$0	42,532 \$0.0000 \$0	57,995 \$0.0000 \$0	51,330 \$0.0000 \$0	258,454 \$0
18 19 20	(c) Default Sales dth Variable Supply Cost Factor Variable Supply Revenue	Sch. 6, line 60 (20) / (18)	65,503 \$23.8772 \$1,564,022	(12,974) \$66.5759 (\$863,769)	71,604 \$20.0406 \$1,434,993	(37,929) \$19.2687 (\$730,834)	1,961 \$8.9151 \$17,485	646 \$8.9129 \$5,756	79,279 \$13.8058 \$1,094,503	19,277 \$8.9154 \$171,860	5,635 \$6.1191 \$34,482	11,253 \$25.1198 \$282,666	12,896 \$11.9524 \$154,132	13,353 \$13.4591 \$179,722	230,503 \$3,345,018
21	(d) Peaking Gas Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	(e) Deferred Responsibility		\$0	\$28,861	\$0	\$54,166	\$16,306	\$0	\$42,423	\$21,547	\$23,909	\$24,184	(\$11,523)	\$23,120	\$222,993
23	(f) FT-1 Storage and Peaking										\$5,708				
24	TOTAL Variable Revenue	(14)+(17)+(20)+(21)+(22)+(23)	\$21,562,241	\$12,788,269	\$8,256,746	\$4,227,723	\$4,535,350	\$4,522,208	\$6,830,110	\$9,816,180	\$19,219,351	\$25,794,339	\$32,558,502	\$30,175,864	\$180,286,884
25	Total Gas Cost Revenue (w/o FT-2)	(10) + (24)	\$25,605,116	\$15,289,061	\$9,446,249	\$5,124,882	\$5,370,164	\$5,366,875	\$7,852,146	\$11,302,194	\$22,890,846	\$30,709,647	\$38,911,004	\$36,200,014	\$214,068,196

WORKING CAPITAL

		Apr Actual	May Actual	Jun Actual	<u>Jul</u> Actual	Aug Actual	Sep Actual	Oct Actual	Nov Actual	Dec Actual	<u>Jan</u> Actual	<u>Feb</u> Actual	Mar Actual	Apr-Mar
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
Description	Reference													
Line No.														
1 Supply Fixed Costs	Sch. 1, line 5	\$3,639,171	\$3,672,635	\$3,699,902	\$3,634,903	\$3,679,599	\$3,694,784	\$3,681,501	\$3,821,620	\$4,035,580	\$3,316,828	\$3,788,859	\$3,372,291	\$44,037,672
2 Less: LNG Demand to DAC3 Plus: Supply Related LNG O&M Costs	Sch. 1, line 6 Dkt 4323	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$124,066) \$0	(\$1,488,790) \$0
4 Total Adjustments	(2) + (3)	(\$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)
5 Allowable Working Capital Costs	(1) + (4)	\$3,515,106	\$3,548,569	\$3,575,836	\$3,510,837	\$3,555,533	\$3,570,718	\$3,557,435	\$3,697,554	\$3,911,514	\$3,192,762	\$3,664,793	\$3,248,225	\$42,548,883
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	\$207,150	\$209,123	\$210,729	\$206,899	\$209,533	\$210,428	\$209,645	\$217,902	\$230,511	\$188,154	\$215,972	\$191,423	
8 Cost of Capital 9 Return on Working Capital Requirement	Dkt 4339 (7) * (8)	7.54% \$15,619	7.54% \$15,768	7.54% \$15,889	7.54% \$15,600	7.54% \$15,799	7.54% \$15,866	7.54% \$15,807	7.25% \$15,798	7.25% \$16,712	7.25% \$13,641	7.25% \$15,658	7.25% \$13,878	
y Return on Working Capital Requirement			. ,											
10 Weighted Cost of Debt 11 Interest Expense	Dkt 4339 (7) * (10)	2.86% \$5,925	2.86% \$5,981	2.86% \$6,027	2.86% \$5,917	2.86% \$5,993	2.86% \$6,018	2.86% \$5,996	2.57% \$5,600	2.57% \$5,924	2.57% \$4,836	2.57% \$5,550	2.57% \$4,920	
•	(7) (10)	\$3,723	33,761	30,027	33,717	33,773	30,010	33,770	33,000	33,724	34,030	\$5,550	34,920	
12 Taxable Income	(9) - (11) Dkt 4323	\$9,695	\$9,787 0.65	\$9,862 0.65	\$9,683	\$9,806	\$9,848	\$9,811	\$10,198	\$10,788	\$8,806	\$10,107	\$8,959 0.65	
13 1 - Combined Tax Rate Return and Tax Requirement	(12) / (13)	0.65 \$14,915	\$15,057	\$15,173	0.65 \$14,897	0.65 \$15,086	0.65 \$15,151	0.65 \$15,094	0.65 \$15,689	0.65 \$16,597	0.65 \$13,547	0.65 \$15,550	\$13,782	
	an . an	#20.020	621.020			621.050		#21.000			010.202		010.500	6240.224
15 Supply Fixed Working Capital Requirement	(11) + (14)	\$ <u>20,839</u>	\$21,038	\$ <u>21,199</u>	\$20,814	\$21,079	\$ <u>21,169</u>	\$21,090	\$ <u>21,289</u>	\$22,521	\$ <u>18,383</u>	\$ <u>21,100</u>	\$ <u>18,702</u>	\$ <u>249,224</u>
16 Supply Variable Costs	Sch. 1, line 21	\$9,056,537	\$3,766,783	\$1,890,149	\$2,768,699	\$1,946,151	\$1,669,097	\$3,214,322	\$11,252,746	\$16,354,768	\$29,261,517	\$43,680,593	\$21,664,628	\$146,525,991
17 Less: Balancing Related LNG Commodity (to DAC)	Sch. 1, line 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$599)	(\$113,742)	(\$923)	(\$496,944)	(\$4,929)	(\$617,137)
18 Plus: Supply Related LNG O&M Costs19 Total Adjustments	Dkt 4323 (17) + (18)	\$0 \$0	\$0 \$0	\$0 <u>\$0</u>	\$0 <u>\$0</u>	\$0 \$0	\$0 <u>\$0</u>	\$0 <u>\$0</u>	\$0 (\$599)	\$0 (\$113,742)	\$0 (\$923)	\$0 (\$496,944)	\$0 (\$4,929)	\$0 (\$617,137)
20 Allowable Working Capital Costs	(16) + (19)	\$9,056,537	\$3,766,783	\$1,890,149	\$2,768,699	\$1,946,151	\$1,669,097	\$3,214,3 <u>22</u>	\$11,252,148	\$16,241,026	\$29,260,594	\$43,183,649	\$21,659,699	\$145,908,854
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	\$533,715	\$221,982	\$111,389	\$163,164	\$114,690	\$98,362	\$189,425	\$663,106	\$957,108	\$1,724,371	\$2,544,878	\$1,276,439	
23 Cost of Capital	Dkt 4339	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.25%	7.25%	7.25%	7.25%	7.25%	
24 Return on Working Capital Requirement	(22) * (23)	\$40,242	\$16,737	\$8,399	\$12,303	\$8,648	\$7,417	\$14,283	\$48,075	\$69,390	\$125,017	\$184,504	\$92,542	
25 Weighted Cost of Debt	Dkt 4339	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.57%	2.57%	2.57%	2.57%	2.57%	
26 Interest Expense	(22) * (25)	\$15,264	\$6,349	\$3,186	\$4,666	\$3,280	\$2,813	\$5,418	\$17,042	\$24,598	\$44,316	\$65,403	\$32,804	
27 Taxable Income	(24) - (26)	\$24,978	\$10,389	\$5,213	\$7,636	\$5,367	\$4,603	\$8,865	\$31,033	\$44,793	\$80,701	\$119,100	\$59,737	
28 1 - Combined Tax Rate 29 Return and Tax Requirement	Dkt 4323 (27) / (28)	0.65 \$38,428	0.65 \$15,983	0.65 \$8,020	0.65 \$11,748	0.65 \$8,258	0.65 \$7,082	0.65 \$13,639	0.65 \$47,744	0.65 \$68,912	0.65 \$124,155	0.65 \$183,231	0.65 \$91,904	
•														6944 241
30 Supply Variable Working Capital Requirement	(26) + (29)	\$53,692	\$22,331	\$11,206	\$16,414	\$ <u>11,538</u>	\$9,895	\$ <u>19,056</u>	\$64,785	\$93,509	\$168,471	\$248,635	\$124,708	\$844,241

National Grid Rhode Island - Gas

INVENTORY FINANCE

			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 (1)	Apr-Mar (m)
			(a)	(6)	(c)	(u)	(c)	(1)	(g)	(11)	(1)	0)	(K)	(1)	(111)
Line <u>No.</u>	Description	Reference													
1 2	Storage Inventory Balance Monthly Storage Deferral/Amortization		\$7,247,553 (\$419,185)	\$8,933,170 (\$818,194)	\$10,441,504 (\$999,401)	\$12,156,982 (\$1,085,433)	\$13,472,512 (\$1,010,545)	\$14,775,906 (\$1,009,122)	\$15,599,159 (\$994,848)	\$14,916,162 (\$945,105)	\$13,319,725 (\$716,290)	\$9,511,474 (\$457,630)	\$6,868,185 (\$218,866)	\$5,904,442 \$1	
3	Subtotal	(1) + (2)	\$6,828,367	\$8,114,976	\$9,442,103	\$11,071,548	\$12,461,966	\$13,766,783	\$14,604,311	\$13,971,057	\$12,603,435	\$9,053,844	\$6,649,319	\$5,904,443	
4	Cost of Capital	Dkt 4339	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.25%	7.25%	7.25%	7.25%	7.25%	00.045.450
5	Return on Working Capital Requirement	(3) * (4)	\$514,859	\$611,869	\$711,935	\$834,795	\$939,632	\$1,038,015	\$1,101,165	\$1,012,902	\$913,749	\$656,404	\$482,076	\$428,072	\$9,245,472
6	Weighted Cost of Debt	Dkt 4339	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.57%	2.57%	2.57%	2.57%	2.57%	
7	Interest Charges Financed	(3) * (6)	\$195,291	\$232,088	\$270,044	\$316,646	\$356,412	\$393,730	\$417,683	\$359,056	\$323,908	\$232,684	\$170,888	\$151,744	\$3,420,175
8	Taxable Income	(5) - (7)	\$319,568	\$379,781	\$441,890	\$518,148	\$583,220	\$644,285	\$683,482	\$653,845	\$589,841	\$423,720	\$311,188	\$276,328	
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)	\$491,642	\$584,278	\$679,831	\$797,151	\$897,262	\$991,208	\$1,051,510	\$1,005,916	\$907,447	\$651,877	\$478,751	\$425,120	\$8,961,995
11	Working Capital Requirement	(7) + (10)	\$686,934	\$816,367	\$949,876	\$1,113,798	\$1,253,674	\$1,384,938	\$1,469,194	\$1,364,972	\$1,231,356	\$884,561	\$649,639	\$576,864	\$12,382,170
12	Monthly Average	(11) / 12	\$57,244	\$68,031	\$79,156	\$92,816	\$104,473	\$115,412	\$122,433	\$113,748	\$102,613	\$73,713	\$54,137	\$48,072	\$1,031,848
13	LNG Inventory Balance		\$2,912,042	\$4,785,446	\$4,717,672	\$4,563,038	\$4,429,872	\$4,345,993	\$4,768,098	\$5,102,406	\$5,083,349	\$2,900,789	\$1,631,457	\$1,449,914	
14	Cost of Capital	Dkt 4339	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.54%	7.25%	7.25%	7.25%	7.25%	7.25%	
15	Return on Working Capital Requirement	(13) * (14)	\$219,568	\$360,823	\$355,712	\$344,053	\$334,012	\$327,688	\$359,515	\$369,924	\$368,543	\$210,307	\$118,281	\$105,119	\$3,473,545
16	Weighted Cost of Debt	Dkt 4339	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.57%	2.57%	2.57%	2.57%	2.57%	
17	Interest Charges Financed	(13) * (16)	\$83,284	\$136,864	\$134,925	\$130,503	\$126,694	\$124,295	\$136,368	\$131,132	\$130,642	\$74,550	\$41,928	\$37,263	\$1,288,449
18	Taxable Income	(15) - (17)	\$136,284	\$223,959	\$220,787	\$213,550	\$207,318	\$203,392	\$223,147	\$238,793	\$237,901	\$135,757	\$76,352	\$67,856	
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)	\$209,667	\$344,552	\$339,672	\$328,539	\$318,951	\$312,911	\$343,303	\$367,373	\$366,001	\$208,857	\$117,465	\$104,394	\$3,361,686
21	Working Capital Requirement	(17) + (20)	\$292,951	\$481,416	\$474,598	\$459,042	\$445,645	\$437,207	\$479,671	\$498,505	\$496,643	\$283,407	\$159,393	\$141,657	\$4,650,135
22	Monthly Average	(21) / 12	\$24,413	\$40,118	\$39,550	\$38,253	\$37,137	\$36,434	\$39,973	\$41,542	\$41,387	\$23,617	\$13,283	\$11,805	\$387,511
23	TOTAL GCR Inventory Financing Costs	(12) + (22)	\$81,657	\$108,149	\$118,706	\$131,070	\$141,610	\$151,845	\$162,405	\$155,290	\$144,000	\$97,331	\$67,419	\$59,877	\$1,419,359

Actual Dth Usage for Filing

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Actual I	Oth Usage for Filing					REDACTI	ED							
		Apr	May	Jun	<u>Jul</u>	Aug	Sep	Oct	Nov	Dec	<u>Jan</u>	Feb	Mar	Apr-Mar
		Actual (a)	Actual (b)	Actual (c)	Actual (d)	Actual (e)	Actual (f)	Actual (g)	Actual (h)	Actual (i)	Actual (j)	Actual (k)	Actual (1)	(m)
	THROUGHPUT (Dth)	(2)	(0)	(6)	(u)	(0)	(1)	(6)	(11)	(.)	0)	(11)	(.)	()
Line <u>No.</u>	Rate Class													
1	SALES													
2	Residential Non-Heating	103,094	65,116	37,167	29,077	27,531	27,601	33,761	56,635	74,913	97,349	123,153	116,760	792,157
3	Residential Non-Heating Low Income Residential Heating	4,678	3,213	1,508	1,202	1,113	1,130	1,382 438,073	2,753	2,976	4,006	4,900	4,353	33,215
5	Residential Heating Low Income	2,122,865 210,481	1,108,093 123,623	513,737 57,730	372,360 44,605	344,157 41,177	355,647 41,359	438,073	954,909 100,792	2,132,202 213,885	2,877,504 282,745	3,747,011 352,717	3,449,650 318,259	18,416,207 1,836,355
6	Small C&I	308,906	139,479	57,631	43,238	40,478	42,588	54,725	113,249	292,468	439,525	597,057	549,888	2,679,230
7	Medium C&I	379,968	227,082	97,341	85,387	82,462	87,012	98,547	178,359	381,774	521,529	651,611	613,387	3,404,460
8	Large LLF	82,868	56,261	14,785	8,870	7,554	19,020	11,305	33,489	86,758	120,493	141,284	147,542	730,228
9 10	Large HLF Extra Large LLF	10,855 12,862	20,995 7,699	19,839 3,015	20,687 1,510	29,173 728	13,685 1,034	13,411 1,137	15,270 5,189	18,169 9,565	24,633 16,279	22,930 19,829	25,819 11,954	235,465 90,801
11	Extra Large HLF	81,748	7,934	78,073	22,848	(1,011)	(24,036)	28,636	(152,203)	160,465	108,923	59,429	53,908	424,714
12	Total Sales	3,318,325	1,759,495	880,827	629,784	573,363	565,040	729,958	1,308,441	3,373,175	4,492,986	5,719,920	5,291,519	28,642,832
13	TSS													
14	Small	99	254 12,072	159 5,507	150	142	142	174 6,351	301	854	1,327	1,920 38,027	2,089	7,611 188,385
15 16	Medium Large LLF	13,614 624	3,228	636	5,215 781	5,213 823	5,366 870	821	9,178 2,777	21,446 5,722	29,294 7,098	13,537	37,104 8,055	44,972
17	Large HLF	545	1,210	1,168	1,734	950	1,136	1,301	2,532	2,704	4,072	3,674	3,313	24,337
18	Extra Large LLF	0		0	0	0	0	0	0	0	0	0	0	0
19	Extra Large HLF	(11,060)	297	202	136	116	129	182	264	532	743	837	769	(6,853)
20	Total TSS	3,823	17,061	7,672	8,015	7,244	7,643	8,829	15,052	31,258	42,532	57,995	51,330	258,454
21	Sales & TSS THROUGHPUT													
22 23	Residential Non-Heating	103,094	65,116 3,213	37,167 1,508	29,077 1,202	27,531 1,113	27,601 1,130	33,761 1,382	56,635 2,753	74,913 2,976	97,349 4,006	123,153	116,760 4,353	792,157 33,215
23	Residential Non-Heating Low Income Residential Heating	4,678 2,122,865	1,108,093	513,737	372,360	344,157	355,647	438,073	954,909	2,132,202	2,877,504	4,900 3,747,011	3,449,650	18,416,207
25	Residential Heating Low Income	210,481	123,623	57,730	44,605	41,177	41,359	48,984	100,792	213,885	282,745	352,717	318,259	1,836,355
26	Small C&I	309,005	139,734	57,790	43,388	40,620	42,731	54,899	113,550	293,321	440,852	598,976	551,977	2,686,842
27 28	Medium C&I	393,583 83,492	239,155 59,488	102,848 15,421	90,602 9,651	87,675 8,378	92,378 19,890	104,897	187,537	403,220 92,480	550,823	689,638 154,821	650,491 155,597	3,592,845 775,200
29	Large LLF Large HLF	11,400	22,205	21,008	22,421	30,123	14,821	12,126 14,711	36,266 17,802	20,873	127,590 28,704	26,603	29,132	259,802
30	Extra Large LLF	12,862	7,699	3,015	1,510	728	1,034	1,137	5,189	9,565	16,279	19,829	11,954	90,801
31	Extra Large HLF	70,688	8,230	78,275	22,984	(895)	(23,907)	28,818	(151,939)	160,997	109,666	60,266	54,678	417,862
32	Total Sales & TSS Throughput	3,322,148	1,776,556	888,499	637,799	580,607	572,682	738,787	1,323,493	3,404,433	4,535,518	5,777,914	5,342,849	28,901,286
33	FT-1 TRANSPORTATION													
34 35	FT-1 Medium	88,081 165,760	24,514 8,557	13,269 (13,996)	26,505 1,290	20,561 50,803	26,489 6,040	29,148 29,538	57,966 85,682	96,104 189,184	100,233 184,327	135,188 260,376	122,498 215,382	740,555 1,182,943
36	FT-1 Large LLF FT-1 Large HLF	39,805	30,449	25,977	24,752	37,888	36,007	29,338 35,867	44,200	22,241	61,570	68,016	59,201	485,972
37	FT-1 Extra Large LLF	169,520	26,881	(4,254)	(16,905)	16,994	16,678	23,232	90,099	219,158	190,733	271,669	157,146	1,160,953
38	FT-1 Extra Large HLF	487,284	300,478	313,334	337,476	341,166	319,437	595,816	387,524	526,905	485,557	1,114,383	199,614	5,408,972
39 40	Default Total FT-1 Transportation	65,503 1,015,953	(12,974) 377,905	71,604 405,934	(37,929)	1,961 469,373	646 405,296	79,279 792,880	19,277 684,748	5,635 1,059,227	11,253 1,033,672	12,896 1,862,528	13,353 767,194	230,503 9,209,898
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41 42	FT-2 TRANSPORTATION FT-2 Small	4,462	2,107	1,133	854	849	1,134	1,188	2,128	4,905	8,211	16,127	14,606	57,703
43	FT-2 Medium	191,727	115,891	61,308	46,526	45,760	45,472	52,278	112,126	178,320	249,026	302,723	291,842	1,692,996
44	FT-2 Large LLF	149,702	76,307	30,153	15,811	14,450	16,083	23,970	77,258	143,077	207,088	238,144	233,339	1,225,381
45	FT-2 Large HLF	37,293	34,841	31,199	22,842	24,171	25,804	26,342	32,198	45,275	50,064	52,770	67,514	450,311
46 47	FT-2 Extra Large LLF FT-2 Extra Large HLF	9,118 17,166	3,302 12,497	2,781 9,999	1,011 6,674	706 13,392	947 9,823	1,817 11,460	5,357 13,412	4,119 16,035	11,008 16,606	13,007 16,189	15,952 21,989	69,124 165,241
48	Total FT-2 Transportation	409,467	244,945	136,571	93,716	99,327	99,262	117,055	242,480	391,730	542,002	638,960	645,241	3,660,756
49	Total THROUGHPUT													
50	Residential Non-Heating	103,094	65,116	37,167	29,077	27,531	27,601	33,761	56,635	74,913	97,349	123,153	116,760	792,157
51	Residential Non-Heating Low Income	4,678	3,213	1,508	1,202	1,113	1,130	1,382	2,753	2,976	4,006	4,900	4,353	33,215
52 53	Residential Heating Residential Heating Low Income	2,122,865 210,481	1,108,093 123,623	513,737 57,730	372,360 44,605	344,157 41,177	355,647 41,359	438,073 48,984	954,909 100,792	2,132,202 213,885	2,877,504 282,745	3,747,011 352,717	3,449,650 318,259	18,416,207 1,836,355
53 54	Small C&I	313,467	141,840	58,923	44,803	41,177	41,339	56,088	115,678	298,227	449,062	615,104	566,582	2,744,544
55	Medium C&I	673,391	379,559	177,424	163,633	153,996	164,338	186,323	357,629	677,643	900,081	1,127,548	1,064,830	6,026,396
56	Large LLF	398,954	144,352	31,578	26,751	73,631	42,013	65,634	199,207	424,741	519,005	653,341	604,318	3,183,524
57 58	Large HLF	88,497 191,500	87,495 37,882	78,183	70,014	92,182	76,632	76,920 26,186	94,200 100,645	88,389	140,338	147,390 304,505	155,847	1,196,085 1,320,878
58 59	Extra Large LLF Extra Large HLF	575,138	37,882	1,542 401,607	(14,385) 367,134	18,428 353,663	18,660 305,353	636,093	248,997	232,842 703,937	218,020 611,829	1,190,838	185,051 276,281	1,320,878 5,992,075
60	Default	65,503	(12,974)	71,604	(37,929)	1,961	646	79,279	19,277	5,635	11,253	12,896	13,353	230,503
61	Total Throughput	4,747,568	2,399,405	1,431,004	1,066,704	1,149,307	1,077,241	1,648,721	2,250,721	4,855,391	6,111,192	8,279,403	6,755,284	41,771,940