

October 5, 2011

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 4283 - 2011 Gas Charge Recovery Filing
Responses to Division Data Requests – Set 1**

Dear Ms. Massaro:

Enclosed please find an ten (10) copies of National Grid's¹ responses to the Division's First Set of Data Requests issued on September 28, 2011, in the above-captioned proceeding.

This filing also contains a Motion for Protective Treatment in accordance with Commission Rule 1.2(g) and R.I.G.L. § 38-2-2(4)(B). The Company seeks protection from public disclosure of certain pricing terms and calculations relative to third party contracts, which are commercially sensitive and proprietary. Accordingly, National Grid requests that the Commission protect attachments to Division 1-1, Division 1-11 (Attachments 3, 4, and 5) and Division 1-13 (Attachments A & B) and its response to Division 1-12.

In compliance with Rule 1.2(g), National Grid is providing one (1) complete unredacted copy of the confidential documents in a sealed envelope marked **"Contains Privileged and Confidential Materials – Do Not Release."** The Company has provided the Commission with the confidential version of the response to Division 1-12 and the confidential versions of Attachments to Division 1-1, Division 1-11 (Attachments 3, 4, and 5) and Division 1-13 (Attachments A & B).

Please be advised that the Company's response to Division 1-5 and Division 1-6 will be forthcoming.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at (401) 784-7667.

Very truly yours,



Thomas R. Teehan

Enclosures

cc: Docket 4283 Service List
Leo Wold, Esq.
Steve Scialabba, Division
Bruce Oliver, Division

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

Certificate of Service

I hereby certify that a copy of the cover letter and / or any materials accompanying this certificate has been electronically transmitted, sent via U.S. mail or hand-delivered to the individuals listed below.



Joanne M. Scanlon

October 5, 2011
Date

**Docket No. 4283 – National Grid – 2011 Annual Gas Cost Recovery Filing
("GCR") - Service List as of 9/13/11**

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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

RHODE ISLAND PUBLIC UTILITIES COMMISSION

**Annual Gas Cost Recovery Filing 2011
Docket No. 4283**

**NATIONAL GRID'S REQUEST
FOR PROTECTIVE TREATMENT OF CONFIDENTIAL INFORMATION**

National Grid¹ hereby requests that the Rhode Island Public Utilities Commission (“Commission”) provide confidential treatment and grant protection from public disclosure of certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by Commission Rule 1.2(g) and R.I.G.L. § 38-2-2(4)(i)(B). National Grid also hereby requests that, pending entry of that finding, the Commission preliminarily grant National Grid’s request for confidential treatment pursuant to Rule 1.2 (g)(2).

I. BACKGROUND

On October 5, 2011, National Grid filed with the Commission its responses to Division first set of data requests data requests in this docket. This filing included basis information obtained under contract with a third-party and used by the company for the purposes of developing estimated costs (Attachments to DIV 1-1), bid, price and fee information relative to its Asset Management and Gas Supply Agreement (Attachments 3,4, and 5 to DIV 1-11 and response to DIV 1-12), and pricing information found in the

company's trucking agreement. National Grid is requesting protective treatment for the confidential and proprietary portions of those documents, which the Company has redacted.

II. LEGAL STANDARD

The Commission'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 Commission falls within one of the designated exceptions to the public records law, the Commission 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)(i)(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

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

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.

In addition, the Court has held that the agencies making determinations as to the disclosure of information under APRA may apply the balancing test established in Providence Journal v. Kane, 577 A.2d 661 (R.I.1990). Under that balancing test, the Commission may protect information from public disclosure if the benefit of such protection outweighs the public interest inherent in disclosure of information pending before regulatory agencies.

II. BASIS FOR CONFIDENTIALITY

The Company seeks protective treatment for bid, pricing, and fee information identified above since it would prejudice the Company (and its customers) in obtaining competitive pricing in the future.

III. CONCLUSION

Accordingly, the Company requests that the Commission grant protective treatment to those previously identified portions of its GCR filing.

WHEREFORE, the Company respectfully requests that the Commission grant its Motion for Protective Treatment as stated herein.

Respectfully submitted,

NATIONAL GRID

By its attorney,



Thomas R. Teehan, Esq. (RI Bar #4698)
National Grid
280 Melrose Street
Providence, RI 02907
(401) 784-7667

Dated: October 5, 2011

Division 1-1

Request:

Re: witness Arangio's Attachments EDA-1 through EDA-4, please provide the electronic spreadsheet files used to generate each of witness Arangio's Attachments (with all cell formulae and cell references in tact) and all other supporting workpapers, studies and documents for those exhibits.

Response:

Provided as Attachment 1 are the electronic spreadsheet files used to generate EDA-1 and EDA-2.

Provided as Attachment 2 are the electronic spreadsheet files used to generate EDA-3.

Provided as Attachment 3 are the electronic spreadsheets used to generate EDA-4.

Prepared by or under the supervision of: Elizabeth D. Arangio

Attachment DIV 1-1

The Company is providing Elizabeth Arangio's
Attachment EDA-1 through EDA-4 electronic spreadsheet files on CD-ROM.

Division 1-2

Request:

Please provide a copy of the Company's most recent long-term gas supply planning study and indicate when the Company plans to complete its next long-term gas supply planning study.

Response:

Please see Division 1-2 Attachment 1 for a copy of the Company's most recent long-term gas supply planning study. The Company plans to complete its next long-term gas supply planning study in January 2012.

Prepared by or under the supervision of: Elizabeth D. Arangio

Attachment DIV 1-2

This attachment is 74 pages.
Due to the voluminous nature of this file, the Company is providing the
Attachment DIV 1-2 on CD-ROM.

Division 1-3

Request:

Please provide the documents, studies, and analyses upon which the Company relies to assess the adequacy of its gas supply resources for meeting:

- a. Design peak day demand during the winter of 2011-12;
- b. Design winter requirements for the winter of 2011-12;
- c. A 10-Day cold snap during the winter of 2011-12.

Response:

Please see Attachment 1 for the forecasted design peak day demand for the winter 2011-12. Also, included are the documents used to determine the design peak day.

Please see Attachment 2 for the forecasted design winter requirements for the winter 2011-12. Also, included are the documents used to determine the design winter requirements.

Please see Attachment 3 for the forecasted 10 day cold snap for the winter 2011-12. Also, included are the documents used to generate the 10 day cold snap.

Prepared by or under the supervision of: Elizabeth D. Arangio

(Excludes Customer Choice)
(MMBtu)

		<u>2011-12</u>
Providence		211,400
Valley		57,900
Warren		5,100
<u>Westerly</u>		<u>5,100</u>
Total Requirements		279,500
TGP	Waddington	1,000
	TGP Long-Haul	29,950
	Niagara	1,070
	Dracut	10,770
	Storage	10,840
TET	TET Long-Haul	25,354
	TCO	45,909
	Hubline	500
	M3	11,847
	Storage	27,620
City Gate Delivered Service		
Local LNG		113,140
Yankee Montville		1,500
<u>Unfulfilled City Gate Requirement</u>		<u>-</u>
Total Supplies		279,500

JAN 8 2012 Daily System Activity Units: MDT

FORECAST
AREA TOTAL TOTAL TOTAL
DEMAND SERVED UNSERVED

ValleyDerr	57.9	57.9	0
Prov Dem:	211.4	211.4	0
WarrenDe	5.1	5.1	0
Westerly C	5.1	5.1	0
TOTAL	279.4	279.4	0

- Draw 0

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JAN 8 2012 Daily System Activity Units: MDT

Adj With. With Inj Ending %
Demand Suppl. Unsup. Supplies Take Storages (-With) (-Inj) Fuel Fuel Inv. Full Transport Deliv. Fuel

--- Served ---

Firm	279.4	RI GulfCoast	31.43	RI FSMA501	4.38	364	60 185StgOut2M3		
		RI Niagara	1.08	RI DTIGSS170	5.32	381	78 221StgOut2M3	13.64	
		RI Dracut	10.8	RI DTIGSS168	1.4	100	65 AGT510075R1		
		RI Wadding		RI DTIGSS171	2.62	158	84 AGT510209R1	0.79	0.01
		RI Zone4		RI DTI600045	5.51	1098	80 AGT9001R1	11.06	0.16
		RI Dracut Z6		RI TET400515	0.94	35	62 AGT90106R1	10.15	0.15
		RI DOMAC067		RI TET400221	14.14	761	64 AGT90107R1	26.13	0.38
		RI TCO Ap/DT	39.27	RI TET400185		32	62 AGT93001ESC	2.38	0.03
		RI Transco	0.14	RI DTIGSS169	1.87	132	64 AGT93011E	34.22	0.5
		RI TETCO Sup	29.2	RI TCO7980	2.54	122	60 AGT93207R1	6.38	0.09
		RI M3 Supply	12.02	RI FSMA62918		115	55 AGT933001R1	0.81	0.01
		ProvidenceCG		RI KLNG	95	407	68 AGT933004R1	0.25	0
		Westerly CG		RI Cumberlan	18	38	45 AGT933005R1	1	0.01
		Warren CG		RI Newport N		1	100 AGT93401S		
		Valley CG		RI ExeterLNG	0.14	75	37 AGT93407	0.21	0
		RI TCO M3/TR	7.31				AGT96003R1	0.07	0
		RI DOMAC WIN					AGT96004SCR1	1.67	0.02
		RI CONOCO P					AGT99054R1	0.5	0.01
		RI DOMAC SUM					AGT9B105	8.46	0.12
		RI Citygate					AGT9S100S	0.19	0
		HubL DJF BL					AGT9S102	0.08	0
		HubL DJF SW					AGT9W009E	6.81	0.1
		Hubline&E2W	2.82				CumberLNG2Va	18	
		RI Dawn WIN	1.02				DOMAC FCS067		
		RI Dawn SUM					DOMAC Liquid		
							DOMAC Vapor		
							DTI 100118	0.27	0.01
							DTI 700086	1.81	0.05
							DTI 700087	5.17	0.15
							ExeterLNG2Pr	0.14	
							IGT50001Wadd	1.01	0
							K AGT93207_P	6.17	
							K AGT93207_W	0.21	
							K AGT96003_P	0.01	
							K AGT96003_W	0.06	
							K AGT9W009_P	6.54	
							K AGT9W009_W	0.27	
							K DTI 100118		
							KAGT93011_P	33	

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JAN 8 2012 Daily System Activity Units: MDT
Adj With. With Inj Ending %
Demand Suppl. Unsup. Supplies Take Storages (-With) (-Inj) Fuel Fuel Inv. Full Transport Deliv. Fuel

KAGT93011_WA		
KAGT93011_WE	1.22	
KLNG 2 Prov	95	
LP 2 Cumber		
LP 2 Exeter		
LPGasTrucki		
NewpLNG2Prov		
NFuel E00518	1.18	0.02
RI Niag Inj		
RI TET IT		
TCO 7896 LH	45.54	1.04
TCO 7896 M3	7.31	
TCO 7896 St		
TCO7896 Appa	39.27	
TCO7981 Sh	2.49	0.06
TET330844	2.58	0.03
TET330845	0.27	0
TET330867	0.81	
TET330870	1	
TET330907	0.13	
TET331722	0.54	0.01
TET331801-38		
TET331801-41	0.04	0
TET331802-89		
TET331802-98	0.1	0
TET331819	4.75	0.07
TET800156LH		
TET800156PR		
TET800156ST		
TET800173	1.47	0.1
TET800303LH	24.79	2.06
TET800303PR	26.85	
TET800303ST		
TET800439	0.72	0.06
TET800440	0.9	0.03
TGP10807Sh	10.84	0.12
TGP1597 0-4	5	0.13
TGP1597 4-6	4.83	0.05
TGP1597Pr	5	
TGP1597St		

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JAN 8 2012 Daily System Activity Units: MDT
Adj With. With Inj Ending %
Demand Suppl. Unsup. Supplies Take Storages (-With) (-Inj) Fuel Fuel Inv. Full Transport Deliv. Fuel

TGP32352Wrig	1	0.01
TGP39173Niag	1.07	0.01
TGP62857 0-4	8.53	0.56
TGP62857 46P	4.19	0.04
TGP62857 46V	4.33	0.04
TGP62857Pr	9.84	
TGP62857St		
TGP62930DraP	4.77	0.01
TGP62930DraV	6	0.02
TGP64025Lh_P	2.61	0.11
TGP64025Lh_V	2.61	0.11
TGP64025Pr	5.22	
TGP64026Lh_P	3.19	0.13
TGP64026Lh_V	3.19	0.13
TGP64026Pr	6.38	
TGP8516 0-4	5	0.13
TGP8516 4-6	5	0.05
TGP8516Pr	5	
TGP8516St		
Trans 2 KLNG		
Trans2Newpor		
TransGasTruc		
TRN 9081765	0.14	
TRN 9081767	1.17	0.01
TRN9081765_2	0.13	0.01
TRN9081765_3	0	0
YankeeMontvi	0.78	0.01
DOMAC ILS		
ILS 2 KLNG		
ILS 2 Cumb		
ILS 2 Exeter		
AGT510511_P		
AGT510511_WA		
AGT510511_WE	1.5	0.02
Citygate Tr		
CG 2 Warren		
CG 2 Valley		
CG 2 Westerl		
CG 2 Provide		
UN M12164Daw	1.02	0

- Draw 0
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JAN 8 2012 Daily System Activity Units: MDT
Adj With. With Inj Ending %
Demand Suppl. Unsup. Supplies Take Storages (-With) (-Inj) Fuel Fuel Inv. Full Transport Deliv. Fuel

Total	279.4	Total	135.1 Total	151.8	0.51	3819	Total	7.03
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TC 42386Pkwa	1.01	0.01
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(Excludes Customer Choice)
(MMBtu)

		<u>2011-12</u>
Providence		16,470,000
Valley		4,507,600
Warren		394,000
<u>Westerly</u>		<u>395,200</u>
Total Requirements		21,766,800
TGP	Waddington	152,000
	TGP Long-Haul	4,284,100
	Niagara	108,400
	Dracut	821,400
	Storage	1,002,900
TET	TET Long-Haul	3,854,858
	TCO	6,293,352
	Hubline	262,100
	M3	1,869,190
	Storage	2,007,000
DOMAC FCS		-
City Gate Delivered Service		-
Local LNG		1,012,500
Yankee Montville		99,000
<u>Unfulfilled City Gate Requirement</u>		<u>-</u>
Total Supplies		21,766,800

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	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
Served Demand													
Firm	2476	5072.3	5210	5033	3975.5	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	28671.8
Total Served	2476	5072.3	5210	5033	3975.5	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	28671.8
Served Rt Mkt Imbalance													
Total Imbal	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Consumed													
Transport	119.8	196.4	205.7	201.1	178.4	113.9	71.6	59	44.1	24.6	47	42.1	1303.7
Injection	0	0	0	0	0	13.9	14.3	13.4	7.4	1	8.6	0.4	59.1
Withdrawal	0	11	11.1	11	0	0	0	0	0	0	0	0	33.2
Total Fuel	119.8	207.5	216.8	212.1	178.4	127.8	86	72.4	51.5	25.7	55.7	42.5	1396
Storage Injections													
RI FSMA501	0	0	0	0	0	119.2	123.1	119.2	94.5	0	119.2	0	575.1
RI DTIGSS170	0	0	0	0	0	79.6	70.4	66.9	40.6	0	66.9	0	324.4
RI DTIGSS168	0	0	0	0	0	25	25.9	12.9	21.7	16.8	21	0	123.3
RI DTIGSS171	0	0	0	0	0	15.7	16.2	15.7	16.2	16.2	15.7	16.2	112
RI DTI600045	0	0	0	0	0	187.8	194	187.8	0	0	0	0	569.6
RI TET400515	0	0	0	0	0	8.6	8.9	8.6	7.7	0	8.6	0	42.5
RI TET400221	0	0	0	0	0	180.9	186.9	180.9	161.5	0	180.9	0	891
RI TET400185	0	0	0	0	0	7.9	8.2	7.9	7.1	0	7.9	0	39
RI DTIGSS169	0	0	0	0	0	33.5	34.2	28.1	29.1	6.1	28.1	0	159.1
RI TCO7980	0	0	0	0	0	30.6	40.8	40.8	40.8	14.3	26.5	0	193.8
RI FSMA62918	0	0	0	0	0	26.8	42.7	41.3	42.7	0	41.3	0	194.8
RI KLNG	11.7	53.5	0	0	12.1	121	149.9	136.3	110	76.5	66.5	23.1	760.6
RI Cumberlan	4.5	14.4	0	0	6	4.5	5.1	13.7	0	0	5	89.9	143.1
RI Newport N	0	0	0	0	0	0	0	0	0	0	0	0	0
RI ExeterLNG	4.5	14.2	0	0	4	24.5	0	0	45	78.5	78.5	4.5	253.7
Total Inj	20.7	82.1	0	0	22.2	865.5	906.3	860.1	616.8	208.4	666.1	133.6	4382
Total Req	2616.5	5361.8	5426.8	5245.1	4176.1	2946.7	2020.7	1618.2	1359.4	849.2	1397.2	1432	34449.8
Sources of Supply													
RI GulfCoast	777.6	974.1	907.1	911.6	920.6	904.8	678.2	575.7	540	332.5	753.1	627	8902.2
RI Niagara	0	32.3	32.3	31.2	13.6	0.1	0	0	0	0	0	0	109.4
RI Dracut	0	212	176.3	281.2	92.3	0	0	0	0	0	0	0	761.8
RI Wadding	0	0	0	0	0	0	0	0	0	0	0	0	0
RI Zone4	0	0	0	0	0	0	0	0	0	0	0	0	0
RI Dracut Z6	0	24	19.8	0	18.1	0	0	0	0	0	0	0	61.8
RI DOMAC067	0	0	0	0	0	0	0	0	0	0	0	0	0

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Month-by-Month System Flow Units: MDT

	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
Sources of Supply													
RI TCO Ap/DT	944.6	1217.5	1217.5	1138.9	1217.5	959.4	641.4	380.9	378.5	292.1	188.2	574	9150.5
RI Transco	0	4.2	4.4	4.1	0	0	0	0	0	0	0	0	12.7
RI TETCO Sup	750.5	903.9	904.7	846.9	805.7	796.4	487.6	466.4	239.8	48.6	261	17.7	6529.2
RI M3 Supply	72.1	433.5	404.5	424.4	562	115.9	37.6	25	25.2	0	24.7	74.9	2199.9
ProvidenceCG	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerly CG	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren CG	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley CG	0	0	0	0	0	0	0	0	0	0	0	0	0
RI TCO M3/TR	0	179.1	185.8	204	80.4	0	0	0	0	0	0	0	649.3
RI DOMAC WIN	20.7	82.1	0	0	22.2	0	0	0	0	0	0	0	125
RI CONOCO P	0	0	0	0	0	0	0	0	0	0	0	0	0
RI DOMAC SUM	0	0	0	0	0	150	155	150	155	155	150	117.4	1032.4
RI Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
HubL DJF BL	0	0	0	0	0	0	0	0	0	0	0	0	0
HubL DJF SW	0	0	0	0	0	0	0	0	0	0	0	0	0
Hubline&E2W	0	132.2	24.1	158.2	63.9	0	0	0	0	0	0	0	378.4
RI Dawn WIN	30.7	31.7	31.7	29.7	31.7	0	0	0	0	0	0	0	155.5
RI Dawn SUM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Take	2596.3	4226.6	3908.1	4030.3	3828	2926.5	1999.7	1598	1338.5	828.3	1377	1411.1	30068.3

Total Supply	2616.5	5361.8	5426.8	5245.1	4176.1	2946.7	2020.7	1618.2	1359.4	849.2	1397.2	1432	34449.8
			Ventyx		Page 16								
- Draw 0			SENDOUT® Version 12.5.5		REP 2A 12-Aug-2011								
			Report 2A (Continued)		11:38:36								

Month-by-Month System Flow Units: MDT[illegible]

Month-by-Month System Flow Units: MDT

- Draw 0

Month-by-Month System Flow Units: MDT[illegible]

TET331722	0	16.1	16.7	15.6	0	0	0	0	0	0	0	0	48.4
TET331801-38	0	0	0	0	0	0	0	0	0	0	0	0	0
TET331801-41	0	1.2	1.3	1.2	0.6	0	0	0	0	0	0	0	4.3
TET331802-89	0	0	0	0	0	0	0	0	0	0	0	0	0
TET331802-98	0	2.9	3	2.8	1.5	0	0	0	0	0	0	0	10.3
TET331819	0	142.4	147.1	137.6	70.8	0	0	0	0	0	0	0	497.8
TET800156LH	0	0	0	0	0	0	0	0	0	0	0	0	0
TET800156PR	0	0	0	0	0	8.6	8.8	8.6	7.7	0	8.6	0	42.2
TET800156ST	0	0	0	0	0	8	8.3	8	7.2	0	8	0	39.5
TET800173	0	44.2	45.1	42.7	0	0	0	0	0	0	0	0	132
TET800303LH	685.2	765.4	768.6	719	726	287.6	0	0	0	22.5	0	0	3974.2
TET800303PR	737.4	832.5	832.5	778.8	786.4	773.2	478.7	457.8	232.1	48.6	252.5	17.7	6228.3
TET800303ST	0	0	0	0	0	435.1	449.2	429.6	217.8	22.9	236.9	16.6	1808.3
TET800439	12.2	22.2	22.2	20.7	17.9	13.6	0	0	0	0	0	0	108.7
TET800440	0	13.5	13.5	13.5	0	0	0	0	0	0	0	0	40.5
TGP10807Sh	0	261.9	286.8	298.3	155.9	0	0	0	0	0	0	0	1002.8
TGP1597 0-4	150	155	155	145	155	150	36.3	0	16.8	0	98.2	141.4	1202.7
TGP1597 4-6	39.8	142.9	145.8	136.1	116.8	1.1	0	0	0	0	0	0	582.6
TGP1597Pr	112.7	155	150	145	146.1	139.8	112.2	79.2	41	92.5	65	112.7	1351.1
TGP1597St	0	0	0	0	0	0	0	0	0	0	0	0	0
TGP32352Wrig	30	31	31	29	31	0	0	0	0	0	0	0	152
TGP39173Niaa	0	32	32	30.9	13.5	0.1	0	0	0	0	0	0	108.5

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SENDOUT® Version 12.5.5 REP 2A 12-Aug-2011
Report 2A (Continued) 11:38:36

	Month-by-Month System Flow					Units: MDT								
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total	
Transportation Deliveries														
TGP62857_0-4	100.8	264.1	201.3	247.5	213.9	0	0	42	0	0	0	0	1069.6	
TGP62857_46P	94	170.4	169.2	159.5	141.6	65.1	0	0	0	0	165	170.3	1135.1	734.7
TGP62857_46V	113.1	134.4	134.4	125.7	132	55.4	0	0	0	0	0	0	694.9	639.6
TGP62857Pr	259.1	304.9	295.8	285.2	287.6	293.8	224.5	63.2	100.7	166.5	262.3	239.2	2782.8	
TGP62857St	0	0	0	0	0	228.5	223.9	203	160	17.2	211.3	0	1043.8	
TGP6293DDraP	0	177.5	147.8	213	89	0	0	0	0	0	0	0	627.4	
TGP6293DDraV	0	57.8	47.7	67.5	21.1	0	0	0	0	0	0	0	194.2	
TGP64025Lh_P	78.3	80.9	80.9	75.7	80.9	78.3	80.9	78.3	80.9	80.9	78.3	80.9	955.3	396.7
TGP64025Lh_V	78.3	80.9	80.9	75.7	80.9	78.3	80.4	66.3	43.5	71.7	63.4	80.1	880.4	396.7
TGP64025Pr	148.5	161.4	161.8	151.4	161.8	155.3	128.9	146.2	109.6	67.2	149.5	109.6	1651.2	
TGP64026Lh_P	95.7	98.9	98.9	92.5	98.9	95.7	98.9	95.7	98.9	98.9	95.7	98.9	1167.5	484.9
TGP64026Lh_V	95.7	98.9	98.9	92.5	98.9	95.7	98.9	71.2	94.9	51	71.9	98.9	1067.4	484.9
TGP64026Pr	149.8	197.8	174.5	185	185	176.1	132.6	177.2	163	6.4	172.7	95.5	1815.6	
TGP8516_0-4	150	155	155	145	155	150	36.4	0	26.6	0	110.4	105.7	1189.1	
TGP8516_4-6	150	155	155	145	155	148.5	29.1	0	0	0	0	74.3	1011.9	760
TGP8516Pr	107.6	155	125	145	140	139.8	80	110	125.6	0	103.5	70	1301.4	
TGP8516St	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trans_2_KLNG	0	0	0	0	0	0	0	0	0	0	0	0	0	
Trans2Newpor	0	0	0	0	0	0	0	0	0	0	0	0	0	
TransGasTruc	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRN_9081765	0	4.2	4.4	4.1	0	0	0	0	0	0	0	0	12.7	
TRN_9081767	0	35	35.8	33.8	0	0	0	0	0	0	0	0	104.7	
TRN9081765_2	0	3.9	4	3.8	0	0	0	0	0	0	0	0	11.7	
TRN9081765_3	0	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0.3	
YankeeMontvi	0	5.3	0.8	5.5	1.1	0	0	0	0	0	0	0	12.5	
DOMAC_ILS	20.7	82.1	0	0	22.2	150	155	150	155	155	150	117.4	1157.4	
ILS_2_KLNG	11.7	53.5	0	0	12.1	121	149.9	136.3	110	76.5	66.5	23.1	760.6	
ILS_2_Cumb	4.5	14.4	0	0	6	4.5	5.1	13.7	0	0	5	89.9	143.1	
ILS_2_Exeter	4.5	14.2	0	0	4	24.5	0	0	45	78.5	78.5	4.5	253.7	0
AGT510511_P	0	89.1	0	108.3	44.6	0	0	0	0	0	0	0	242	242
AGT510511_WA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AGT510511_WE	0	28.4	22.6	34.1	13.9	0	0	0	0	0	0	0	99	
Citygate Tr	0	0	0	0	0	0	0	0	0	0	0	0	0	
CG_2_Warren	0	0	0	0	0	0	0	0	0	0	0	0	0	
CG_2_Valley	0	0	0	0	0	0	0	0	0	0	0	0	0	
CG_2_Westerl	0	0	0	0	0	0	0	0	0	0	0	0	0	
CG_2_Provide	0	0	0	0	0	0	0	0	0	0	0	0	0	
UN_M12164Daw	30.6	31.6	31.6	29.6	31.6	0	0	0	0	0	0	0	155	
TC_42386PKwa	30.3	31.3	31.3	29.3	31.3	0	0	0	0	0	0	0	153.3	

- Draw 0
Ventyx
SENDOUT® Version 12.5.5 REP 2B 12-Aug-2011
Report 2B 11:38:36

	Month-by-Month Costs				Units: USD (000)									Total
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012		
SUPPLY COSTS														
VARIABLE														
Commodity	11173	20851	20003	21020	18064	13388	9286	7513	6403	4090	6540	6773	145104	
Penalty	143490	155225	156558	146576	156177	0	0	0	0	0	0	0	758025	
Subtotal	154663	176075	176561	167597	174241	13388	9286	7513	6403	4090	6540	6773	903130	
FIXED														
Demand (D1)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	
Net	154663	176075	176561	167597	174241	13388	9286	7513	6403	4090	6540	6773	903130	
STORAGE COSTS														
VARIABLE														
Injection	0	0	0	0	0	17	17	16	11	1	12	0	75	
Withdrawal	0	26	29	27	5	0	0	0	0	0	0	0	87	
Subtotal	0	26	29	27	5	17	17	16	11	1	12	0	162	
FIXED														
Demand (D1)	342	342	342	342	342	342	342	342	342	342	342	342	4103	
Demand (D2)	75	75	75	75	75	75	75	75	75	75	75	75	903	
Subtotal	417	417	417	417	417	417	417	417	417	417	417	417	5006	
Net	417	443	446	444	423	434	434	434	428	418	429	418	5168	
TRANSPORTATION COSTS														
VARIABLE														
Trans	156	331	238	235	212	308	252	229	218	185	233	182	2779	
Other	6	12	12	12	9	5	3	2	1	1	1	2	63	
Subtotal	161	343	250	247	221	313	255	231	219	185	234	184	2842	
FIXED														
Demand	18159	18159	18158	18157	18158	18118	18118	18118	18118	18118	18118	18118	217620	
Subtotal	18159	18159	18158	18157	18158	18118	18118	18118	18118	18118	18118	18118	217620	
Net	18320	18502	18408	18404	18379	18432	18373	18349	18337	18304	18352	18302	220462	
REVENUES														
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- Draw 0
Ventyx
SENDOUT® Version 12.5.5 REP 2B 12-Aug-2011
Report 2B (Continued) 11:38:36

	Month-by-Month Costs				Units: USD (000)								
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
SYSTEM COST													
Variable	154825	176444	176840	167870	174468	13718	9558	7760	6632	4276	6785	6957	906134
Fixed	18576	18576	18575	18574	18575	18535	18536	18535	18536	18536	18535	18536	222626
Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
SYSTEM COST	173401	195020	195415	186445	193043	32253	28094	26295	25168	22812	25321	25493	1128760
AVERAGE COSTS													
Avg Transp	0.0652	0.0676	0.048	0.049	0.0555	0.1604	0.2478	0.3367	0.3166	0.3013	0.3458	0.1463	0.0991
Avg Variable	62.5301	34.7861	33.9423	33.354	43.8854	7.0224	9.2946	11.3161	9.5969	6.9519	10.0458	5.54	31.6036
Avg Total	70.0326	38.4484	37.5076	37.0445	48.5577	16.511	27.319	38.346	36.4182	37.0859	37.4876	20.2999	39.3683
Total Served Demand (Less End Users) in Units: MDT													
TOTAL SERVED	2476	5072.3	5210	5033	3975.5	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	28671.8

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Units: MDT

[illegible]

Total Take	777.6	974.1	907.1	911.6	920.6	904.8	678.2	575.7	540	332.5	753.1	627	8902.2
Net Cost	3289	4342	4142	4136	4145	4023	3038	2611	2461	1519	3413	2873	39992
Average Cost	4.229	4.457	4.566	4.537	4.503	4.446	4.48	4.535	4.558	4.569	4.532	4.583	4.4923

Total Take	0	32.3	32.3	31.2	13.6	0.1	0	0	0	0	0	0	109.4
Net Cost	0	160	162	156	68	0	0	0	0	0	0	0	547
Average Cost	0	4.967	5.012	5.018	5	4.842	0	0	0	0	0	0	4.9988

Total Take	0	212	176.3	281.2	92.3	0	0	0	0	0	0	0	761.8
Net Cost	0	1477	1495	2203	530	0	0	0	0	0	0	0	5706
Average Cost	0	6.968	8.48	7.835	5.744	0	0	0	0	0	0	0	7.4895

[illegible][illegible]

Total Take	0	24	19.8	0	18.1	0	0	0	0	0	0	61.8
Net Cost	0	167	168	0	104	0	0	0	0	0	0	438
Average Cost	0	6.968	8.48	0	5.744	0	0	0	0	0	0	7.0927

[illegible]

Total Take	944.6	1217.5	1217.5	1138.9	1217.5	959.4	641.4	380.9	378.5	292.1	188.2	574	9150.5
Net Cost	4134	5592	5729	5354	5676	4380	2938	1754	1758	1368	880	2702	42266
Average Cost	4.377	4.593	4.706	4.701	4.662	4.565	4.581	4.606	4.644	4.684	4.673	4.708	4.619

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SENDOUT® Version 12.5.5 REP 2C 12-Aug-2011
Report 2C (Continued) 11:38:36

Units: MDT

[illegible]

Total Take	0	4.2	4.4	4.1	0	0	0	0	0	0	0	0
Net Cost	0	20	22	20	0	0	0	0	0	0	0	61
Average Cost	0	4.707	4.923	4.851	0	0	0	0	0	0	0	4.8277

Total Take	750.5	903.9	904.7	846.9	805.7	796.4	487.6	466.4	239.8	48.6	261	17.7	6529.2
Net Cost	3132	3971	4060	3804	3591	3497	2164	2087	1082	220	1176	80	28866
Average Cost	4.173	4.393	4.488	4.492	4.457	4.391	4.438	4.475	4.514	4.532	4.506	4.532	4.421

Total Take	72.1	433.5	404.5	424.4	562	115.9	37.6	25	25.2	0	24.7	74.9	2199.9
Net Cost	336	2457	2634	2656	2861	557	180	121	124	0	119	368	12412
Average Cost	4.653	5.667	6.512	6.258	5.09	4.804	4.784	4.833	4.904	0	4.839	4.907	5.6418

[illegible][illegible][illegible]

[illegible]

Total Take	0	179.1	185.8	204	80.4	0	0	0	0	0	0	0	649.3
Net Cost	0	1024	1231	1297	411	0	0	0	0	0	0	0	3963
Average Cost	0	5.716	6.626	6.358	5.111	0	0	0	0	0	0	0	6.1032

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SENDOUT® Version 12.5.5 REP 2C 12-Aug-2011
Report 2C (Continued) 11:38:36

Units: MDT

Total Take	20.7	82.1	0	0	22.2	0	0	0	0	0	0	0	125
Net Cost	139	569	0	0	155	0	0	0	0	0	0	0	863
Average Cost	6.723	6.925	0	0	6.995	0	0	0	0	0	0	0	6.9039

[illegible]

Total Take	0	0	0	0	0	150	155	150	155	155	150	117.4	1032.4
Net Cost	0	0	0	0	0	932	966	940	977	982	952	749	6497
Average Cost	0	0	0	0	0	6.2115	6.2315	6.2645	6.3055	6.3345	6.3435	6.3815	6.2933

[illegible][illegible][illegible]

Total Take	0	132.2	24.1	158.2	63.9	0	0	0	0	0	0	0	378.4
Net Cost	0	918	205	1246	367	0	0	0	0	0	0	0	2736
Average Cost	0	6.945	8.477	7.878	5.747	0	0	0	0	0	0	0	7.2306

Total Take	30.7	31.7	31.7	29.7	31.7	0	0	0	0	0	0	0	0
Net Cost	143633	155380	156714	146723	156333	0	0	0	0	0	0	0	155783
Average Cost	4678.94	4898.312	4940.384	4944.391	4928.363	0	0	0	0	0	0	0	4878.516

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SENDOUT® Version 12.5.5 REP 2C 12-Aug-2011
Report 2C (Continued) 11:38:36

Units: MDT

[illegible]

Ventyx Page 26
SENDOUT® Version 12.5.5 REP 2C 12-Aug-2011
Report 2C (Continued) 11:38:36

Units: MDT

Total Take	2596.3	4226.6	3908.1	4030.3	3828	2926.5	1999.7	1598	1338.5	828.3	1377	1411.1	30068.3
Net Cost	154663	176075	176561	167597	174241	13388	9286	7513	6403	4090	6540	6773	903130
Average Cost	59.5711	41.6591	45.1784	41.5839	45.5178	4.5747	4.6436	4.7014	4.7833	4.9378	4.7492	4.8001	30.036

National Grid
Rhode Island - Gas

The Narragansett Electric Company
d/b/a National Grid
Docket No. 4283

2011 Gas Cost Recovery Filing
Responses to Division Data Requests (Set 1)
Div 1-3 Attachment 3

National Grid RI
Design Season (Nov-Mar) Forecasted Sendout Requirements
10-Day Cold Snap

Issued on September 28, 2011

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(Excludes Customer Choice)
(MMBtu)

	<u>2011-12</u>
Providence	14,546,200
Valley	3,981,000
Warren	348,100
<u>Westerly</u>	<u>348,900</u>
 Total Requirements	 19,224,200
 TGP	
Waddington	152,000
TGP Long-Haul	4,222,100
Niagara	45,000
Dracut	230,400
Storage	729,900
 TET	
TET Long-Haul	3,814,567
TCO	5,942,774
Hubline	74,600
M3	1,118,459
Storage	1,910,400
 DOMAC FCS	-
City Gate Delivered Service	-
Local LNG	946,000
Yankee Montville	38,000
<u>Unfulfilled City Gate Requirement</u>	<u>-</u>
 Total Supplies	 19,224,200

- Draw 0
Ventyx Page 1
SENDOUT® Version 12.5.5 REP 2A 30-Sep-2011
Report 2A 09:37:50

Month-by-Month System Flow													Units: MDT
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
Served Demand													
Firm	2476	3875.7	4588.1	4938.5	3345.9	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	26129.2
Total Served	2476	3875.7	4588.1	4938.5	3345.9	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	26129.2
Served Rt Mrktr Imbalance													
Total Imbal	0	0	0	0	0	0	0	0	0	0	0	0	0
Fuel Consumed													
Transport	119.8	175.6	200.9	186.7	168.5	113.4	69.3	57.4	39.6	23.7	45.2	42.1	1242.2
Injection	0	0	0	0	0	13.3	12.3	11.8	5.1	0.4	6.9	0.4	50.3
Withdrawal	0	10.1	11.1	11	0	0	0	0	0	0	0	0	32.2
Total Fuel	119.8	185.7	212	197.7	168.5	126.7	81.6	69.2	44.7	24.2	52.1	42.5	1324.7
Storage Injections													
RI FSMA501	0	0	0	0	0	119.2	123.1	119.2	94.5	0	119.2	0	575.1
RI DTIGSS170	0	0	0	0	0	62	0	0	0	0	0	0	62
RI DTIGSS168	0	0	0	0	0	25	22.7	21	12.7	0	21	0	102.4
RI DTIGSS171	0	0	0	0	0	15.7	16.2	15.7	16.2	16.2	15.7	16.2	112
RI DTI600045	0	0	0	0	0	187.8	194	187.8	0	0	0	0	569.6
RI TET400515	0	0	0	0	0	8.6	8.9	8.6	6.8	0	8.6	0	41.6
RI TET400221	0	0	0	0	0	180.9	186.9	180.9	139.1	0	180.9	0	868.6
RI TET400185	0	0	0	0	0	7.9	8.2	7.9	3.4	0	7.9	0	35.3
RI DTIGSS169	0	0	0	0	0	33.5	29.8	28.1	11.7	0	28.1	0	131.1
RI TCO7980	0	0	0	0	0	30.6	40.8	40.8	40.8	14.3	26.5	0	193.8
RI FSMA62918	0	0	0	0	0	16.8	42.7	41.3	34.5	0	41.3	0	176.6
RI KLNG	11.7	0	0	0	0	33.7	149.5	135	88.3	130	122.4	24.4	695
RI Cumberland	4.5	9.6	5.6	17.7	4.7	8.9	5.5	0	5.6	10	0	88.2	160.2
RI Newport N	0	0	0	0	0	0	0	0	0	0	0	0	0
RI ExeterLNG	4.5	0	0	0	0	107.4	0	15	61.1	15	27.6	4.8	235.4
Total Inj	20.7	9.6	5.6	17.7	4.7	837.9	828.3	801.3	514.6	185.5	599.2	133.6	3958.7
Total Req	2616.5	4071	4805.7	5153.9	3519	2918	1938.3	1556.3	1250.4	824.8	1326.8	1432	31412.7
Sources of Supply													
RI GulfCoast	777.6	932.6	903.9	890.2	920.1	886.2	600.7	513.7	479.1	314.8	682.6	627	8528.7
RI Niagara	0	26.4	5.7	12.8	0.4	0.1	0	0	0	0	0	0	45.4
RI Dracut	0	15	0	123.6	0	0	0	0	0	0	0	0	138.6
RI Wadding	0	0	0	0	0	0	0	0	0	0	0	0	0
RI Zone4	0	0	0	0	0	0	0	0	0	0	0	0	0
RI Dracut Z6	0	35.2	0	57.2	0	0	0	0	0	0	0	0	92.4
RI DOMAC067	0	0	0	0	0	0	0	0	0	0	0	0	0

- Draw 0
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Report 2A (Continued) 09:37:50

Month-by-Month System Flow													Units: MDT
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
Sources of Supply													
RI TCO Ap/DT	944.6	1217.5	1217.5	1099.6	1217.5	959.4	641.4	380.9	378.5	292.1	188.2	574	9111.2
RI Transco	0	3.5	4.4	3.9	0	0	0	0	0	0	0	0	11.9
RI TETCO Sup	750.5	867.5	905.3	818.2	802	796.4	482.7	466.4	191.7	41.9	261	17.7	6401.3
RI M3 Supply	72.1	103.7	367.8	301	290.2	105.7	37.6	25	25.2	0	24.7	74.9	1428
ProvidenceCG	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerly CG	0	0	0	0	0	0	0	0	0	0	0	0	0
Warren CG	0	0	0	0	0	0	0	0	0	0	0	0	0
Valley CG	0	0	0	0	0	0	0	0	0	0	0	0	0
RI TCO M3/TR	0	53.5	152.5	126.9	0	0	0	0	0	0	0	0	332.9
RI DOMAC WIN	20.7	9.6	5.6	17.7	4.7	0	0	0	0	0	0	0	58.3
RI CONOCO P	0	0	0	0	0	0	0	0	0	0	0	0	0
RI DOMAC SUM	0	0	0	0	0	150	155	150	155	155	150	117.4	1032.4
RI Citygate	0	0	0	0	0	0	0	0	0	0	0	0	0
HubL DJF BL	0	0	0	0	0	0	0	0	0	0	0	0	0
HubL DJF SW	0	0	0	0	0	0	0	0	0	0	0	0	0
HubL Mar-Oct	0	30.2	12.5	75.1	0.1	0	0	0	0	0	0	0	117.9
RI Dawn WIN	30.7	31.7	31.7	29.7	31.7	0	0	0	0	0	0	0	155.5
RI Dawn SUM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Take	2596.3	3326.4	3606.9	3556	3266.7	2897.8	1917.3	1536	1229.5	803.9	1306.5	1411.1	27454.4

Total Supply	2616.5	4071	4805.7	5153.9	3519	2918	1938.3	1556.3	1250.4	824.8	1326.8	1432	31412.7
<div style="display: flex; justify-content: space-between;"> Ventyx Page 16 </div> <div style="display: flex; justify-content: space-between;"> - Draw 0 SENDOUT® Version 12.5.5 REP 2A 30-Sep-2011 </div> <div style="display: flex; justify-content: space-between;"> Report 2A (Continued) 09:37:50 </div>													

Month-by-Month System Flow Units: MDT[illegible]

[illegible]

- Draw 0

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SENDOUT® Version 12.5.5 REP 2A 30-Sep-2011
Report 2A (Continued) 09:37:50

Month-by-Month System Flow

Units: MDT

[illegible][illegible]

- Draw 0
Ventyx
SENDOUT® Version 12.5.5 REP 2B 30-Sep-2011
Report 2B 09:37:50

Month-by-Month Costs													Units: USD (000)
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
SUPPLY COSTS													
VARIABLE													
Commodity	11173	15382	17677	17937	15062	13257	8917	7232	5908	3979	6220	6773	129516
Penalty	143490	155225	156558	146576	156177	0	0	0	0	0	0	0	758025
Subtotal	154663	170606	174235	164513	171239	13257	8917	7232	5908	3979	6220	6773	887542
FIXED													
Demand (D1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0
Net	154663	170606	174235	164513	171239	13257	8917	7232	5908	3979	6220	6773	887542
STORAGE COSTS													
VARIABLE													
Injection	0	0	0	0	0	16	16	15	8	1	11	0	67
Withdrawal	0	20	30	26	5	0	0	0	0	0	0	0	80
Subtotal	0	20	30	26	5	16	16	15	8	1	11	0	147
FIXED													
Demand (D1)	342	342	342	342	342	342	342	342	342	342	342	342	4103
Demand (D2)	75	75	75	75	75	75	75	75	75	75	75	75	903
Subtotal	417	417	417	417	417	417	417	417	417	417	417	417	5006
Net	417	438	447	443	422	433	433	432	426	418	428	418	5153
TRANSPORTATION COSTS													
VARIABLE													
Trans	156	208	237	237	175	307	245	224	208	183	227	182	2589
Other	6	9	11	10	8	5	3	2	1	1	1	2	57
Subtotal	161	217	248	248	183	312	248	226	209	183	228	184	2646
FIXED													
Demand	18159	18159	18158	18157	18158	18118	18118	18118	18118	18118	18118	18118	217620
Subtotal	18159	18159	18158	18157	18158	18118	18118	18118	18118	18118	18118	18118	217620
Net	18320	18376	18406	18405	18341	18430	18366	18344	18328	18302	18346	18302	220266
REVENUES													
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0

- Draw 0
Ventyx
SENDOUT® Version 12.5.5 REP 2B 30-Sep-2011
Report 2B (Continued) 09:37:50

Month-by-Month Costs													Units: USD (000)
	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
SYSTEM COST													
Variable	154825	170843	174513	164786	171427	13585	9181	7472	6126	4163	6458	6957	890335
Fixed	18576	18576	18575	18574	18575	18535	18536	18535	18536	18536	18535	18536	222626
Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
SYSTEM COST	173401	189420	193088	183360	190002	32120	27716	26008	24661	22698	24994	25493	1112961
AVERAGE COSTS													
Avg Transp	0.0652	0.0559	0.0541	0.0502	0.0546	0.1597	0.241	0.3289	0.3028	0.2982	0.3369	0.1463	0.1013
Avg Variable	62.5301	44.0808	38.0358	33.3675	51.2356	6.9542	8.9273	10.8968	8.8637	6.7672	9.5618	5.54	34.0744
Avg Total	70.0326	48.8738	42.0843	37.1286	56.7873	16.4428	26.9517	37.9267	35.685	36.9012	37.0036	20.2999	42.5946
Total Served Demand (Less End Users) in Units: MDT													
TOTAL SERVED	2476	3875.7	4588.1	4938.5	3345.9	1953.4	1028.4	685.7	691.1	615.1	675.4	1255.8	26129.2

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Report 2C 09:37:50

Units: MDT

- Draw 0

Units: MDT

[illegible]

SUPPLIER: Valley CG

Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPLIER: RI TCO M3/TR

Total Take	0	53.5	152.5	126.9	0	0	0	0	0	0	0	0	332.9
Net Cost	0	306	1011	807	0	0	0	0	0	0	0	0	2123
Average Cost	0	5.716	6.626	6.358	0	0	0	0	0	0	0	0	6.3777

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SENDOUT® Version 12.5.5 REP 2C 30-Sep-2011
Report 2C (Continued) 09:37:50

- Draw 0

Average Commodity / Wellhead Cost Report

Units: MDT

	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
SUPPLIER: RI DOMAC WIN													
Total Take	20.7	9.6	5.6	17.7	4.7	0	0	0	0	0	0	0	58.3
Net Cost	139	66	39	124	33	0	0	0	0	0	0	0	402
Average Cost	6.723	6.925	7.027	7.028	6.995	0	0	0	0	0	0	0	6.8997

SUPPLIER: RI CONOCO P

Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPLIER: RI DOMAC SUM

Total Take	0	0	0	0	0	150	155	150	155	155	150	117.4	1032.4
Net Cost	0	0	0	0	0	932	966	940	977	982	952	749	6497
Average Cost	0	0	0	0	0	6.2115	6.2315	6.2645	6.3055	6.3345	6.3435	6.3815	6.2933

SUPPLIER: RI Citygate

Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPLIER: HubL DJF BL

Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPLIER: HubL DJF SW

Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

SUPPLIER: HubL Mar-Oct

Total Take	0	30.2	12.5	75.1	0.1	0	0	0	0	0	0	0	117.9
Net Cost	0	210	106	592	1	0	0	0	0	0	0	0	908
Average Cost	0	6.945	8.477	7.878	5.747	0	0	0	0	0	0	0	7.7006

SUPPLIER: RI Dawn WIN

Total Take	30.7	31.7	31.7	29.7	31.7	0	0	0	0	0	0	0	155.5
Net Cost	143633	155380	156714	146723	156333	0	0	0	0	0	0	0	758783
Average Cost	4678.94	4898.312	4940.384	4944.391	4928.363	0	0	0	0	0	0	0	4878.516

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SENDOUT® Version 12.5.5 REP 2C 30-Sep-2011
Report 2C (Continued) 09:37:50

- Draw 0

Average Commodity / Wellhead Cost Report

Units: MDT

	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
SUPPLIER: RI Dawn SUM													
Total Take	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Cost	0	0	0	0	0	0	0	0	0	0	0	0	0

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SENDOUT® Version 12.5.5 REP 2C 30-Sep-2011
Report 2C (Continued) 09:37:50

- Draw 0

Average Commodity / Wellhead Cost Report

Units: MDT

	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Total
GRAND TOTALS:													
Total Take	2596.3	3326.4	3606.9	3556	3266.7	2897.8	1917.3	1536	1229.5	803.9	1306.5	1411.1	27454.4
Net Cost	154663	170606	174235	164513	171239	13257	8917	7232	5908	3979	6220	6773	887542
Average Cost	59.5711	51.2886	48.3057	46.2637	52.419	4.5747	4.6508	4.7081	4.805	4.9493	4.7609	4.8001	32.3278

Division 1-4

Request:

Re: Attachment EDA-2, pages 3-6, please document the derivation and source of the “Basis” data used in the development of this attachment.

Response:

The source of the “Basis” data used in the development of EDA-2 comes from a market analyzing tool which is contractually provided to the Company through Z.E. Power Group. Z.E. Power Group is the software vendor for the ZE Market Analyzer (“ZEMA”) system. ZEMA provides the Company with a combination of a data warehouse and data collection infrastructure along with analytics tools. The Company has the capability of retrieving data from sources such as Platts, NYMEX, NYISO, and Bloomberg. The analytics tool gives the Company capability to create its own Natural Gas forward curves and basis prices based on collected data.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division 1-7

Request:

Re: Attachment EDA-4, page 2 of 16, please provide forecasted “LNG Liquid take” by month under design winter conditions.

Response:

	Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	TOTAL
LNG Liquid Take (Dth)	20,700	82,100	0	0	22,200	125,000

Prepared by or under the supervision of: Elizabeth D. Arangio

Division 1-8

Request:

Re: Attachment EDA-4, page 2 of 16, please provide forecasted “Storage Withdrawals” (including LNG withdrawals) by contract/facility by month under design winter conditions.

Response:

Storage Withdrawals (Dth)		Nov-2011	Dec-2011	Jan-2012	Feb-2012	Mar-2012	TOTAL
P/L or LNG	Contract Number						
DTI	300170	0	42,600	105,500	124,800	51,500	324,400
DTI	300168	0	37,000	37,000	32,700	16,700	123,400
DTI	300171	0	0	69,900	42,100	0	112,000
DTI	300169	0	49,400	55,600	54,100	0	159,100
TCO	9630	0	56,900	60,400	52,400	24,000	193,700
TETCO	600045	0	165,200	170,700	159,700	73,900	569,500
TETCO	400515	0	14,200	14,200	14,200	0	42,600
TETCO	400221	0	297,000	297,000	297,000	0	891,000
TETCO	400185	0	13,000	13,000	13,000	0	39,000
TGP	501	0	186,300	150,400	147,600	90,800	575,100
TGP	62918	0	34,400	99,100	34,400	26,800	194,700
LNG	Providence	11,700	105,000	329,900	177,600	53,100	677,300
LNG	Cumberland	4,500	29,500	47,500	22,300	7,100	110,900
LNG	Exeter	4,000	104,800	68,500	42,800	4,200	224,300
		20,200	1,135,300	1,518,700	1,214,700	348,100	4,237,000

Prepared by or under the supervision of: Elizabeth D. Arangio

Division 1-9

Request:

Re: Attachment EDA-4, page 11 of 16, please reconcile the forecasted “RI Sales GCR” by month with the “Forecasted Throughput” by month shown in witness Nestor’s Attachment NG-JFN-3, Schedule 6, pages 7 and 8. If these two forecasts were derived from different sources, please provide the forecasted “RI Sales GCR” data, assumptions, spreadsheets and other workpapers used to develop the forecast data in Attachment EDA-4.

Response:

Division 1-9 Attachment A shows how the Company derived its incremental growth forecast from its May 2011 demand forecast and added that to its April 2010 – March 2011 springboard regression analysis based on its SCADA data to derive the forecasted “RI Sales GCR” found on Attachment EDA-4, page 11 of 16.

Subsequent to creating its May 2011 demand forecast, the Company made minor adjustments and created an August 2011 demand forecast, which for November 2011 – October 2012 differed from its May 2011 demand forecast by 0.08 percent. Division 1-9 Attachment B shows the difference in the two demand forecasts and how the August 2011 demand forecast was used to determine the “Forecasted Throughput” shown in Attachment NG-JFN-3, Schedule 6, pages 7 and 8.

Prepared by or under the supervision of: Elizabeth D. Arangio and John F. Nestor, III

	Days Per Month	HDDn	May 2011 Billing Demand Forecast (Therms)	Calendarized Demand Forecast (Dth)	Demand Forecast Baseload (Dth)	Demand Forecast Heatload (Dth)	Demand Forecast Baseload Growth (Dth)	Demand Forecast Heatload Growth (Dth)	Demand Forecast Growth (Dth)	SCC Springboard (Dth)	SCC Forecast (Dth)	ZCC Forecast (Dth)	TSO Forecast (Dth)	Sales Percentage of TSO (Dth)	Sales Forecast (Dth)	DJF Coefficient Adjustment (Dth)	Adjusted Sales Forecast (Dth)	Leap Day (Dth)	2011/12 RI Sales GCR (Dth)
Apr-2010	30	476	37,210,621	2,905,757	912,323	1,993,434				2,491,512	2,491,512								
May-2010	31	208	20,904,517	1,766,110	942,733	823,377				1,355,293	1,355,293								
Jun-2010	30	38	14,417,685	1,201,456	912,323	289,133				1,013,819	1,013,819								
Jul-2010	31	1	9,611,427	945,910	942,733	3,177				973,580	973,580								
Aug-2010	31	1	9,306,783	909,146	942,733	-33,588				964,792	964,792								
Sep-2010	30	92	8,876,129	1,136,228	912,323	223,906				1,091,711	1,091,711								
Oct-2010	31	345	13,848,441	1,948,683	942,733	1,005,949				1,795,832	1,795,832								
Nov-2010	30	625	25,125,211	3,200,142	912,323	2,287,820				3,280,901	3,280,901								
Dec-2010	31	892	38,877,638	5,109,444	942,733	4,166,710				4,757,264	4,757,264								
Jan-2011	31	1,073	63,311,235	6,119,949	942,733	5,177,216				5,748,583	5,748,583								
Feb-2011	28	914	59,087,753	5,313,502	851,501	4,462,001				4,912,013	4,912,013								
Mar-2011	31	798	47,182,281	3,872,751	942,733	2,930,017				4,269,786	4,269,786								
Apr-2011	30	476	30,272,729	2,543,045	938,920		26,597	4,813	31,410	2,491,512	2,522,922								
May-2011	31	208	20,588,166	1,655,935	970,217	685,718	27,484	2,103	29,587	1,355,293	1,384,880								
Jun-2011	30	38	12,530,529	1,094,207	938,920	155,287	26,597	384	26,981	1,013,819	1,040,800								
Jul-2011	31	1	9,353,607	939,895	970,217	-30,322	27,484	10	27,494	973,580	1,001,074								
Aug-2011	31	1	9,444,300	969,242	970,217	-976	27,484	10	27,494	964,792	992,286								
Sep-2011	30	92	9,940,533	1,160,821	938,920	221,901	26,597	930	27,527	1,091,711	1,119,238								
Oct-2011	31	345	13,275,891	1,858,413	970,217	888,196	27,484	3,488	30,972	1,795,832	1,826,804								
Nov-2011	30	625	23,892,373	3,375,510	938,920	2,436,591	26,597	6,319	32,916	3,280,901	3,313,817	470,548	3,784,365	65.43%	2,476,007	0	2,476,007	0	2,476,007
Dec-2011	31	892	43,617,834	5,405,000	970,217	4,434,782	27,484	9,018	36,502	4,757,264	4,793,766	505,315	5,299,082	70.68%	3,745,499	130,188	3,875,687	0	3,875,687
Jan-2012	31	1,073	64,482,156	6,252,508	970,217	5,282,291	27,484	10,848	38,332	5,748,583	5,786,915	519,346	6,306,261	73.87%	4,658,195	-70,074	4,588,121	0	4,588,121
Feb-2012	28	914	60,568,005	5,467,704	876,325	4,591,379	24,824	9,241	34,065	4,912,013	4,946,078	464,811	5,410,889	73.69%	3,987,104	-60,115	3,926,989	125,911	4,052,900
Mar-2012	31	798	48,786,079	4,085,629	970,217	3,115,412	27,484	8,068	35,552	4,269,786	4,305,338	498,029	4,803,366	69.66%	3,345,850	0	3,345,850	0	3,345,850
Apr-2012	30	476	32,926,507	2,653,424	899,021	1,754,403	-13,301	46,768	33,466	2,491,512	2,524,979	458,998	2,983,977	65.46%	1,953,444	0	1,953,444	0	1,953,444
May-2012	31	208	20,141,972	1,587,191	928,989	658,202	-13,745	20,436	6,692	1,355,293	1,361,985	452,293	1,814,278	56.68%	1,028,365	0	1,028,365	0	1,028,365
Jun-2012	30	38	11,601,843	1,081,369	899,021	182,348	-13,301	3,734	-9,568	1,013,819	1,004,251	425,045	1,429,296	47.98%	685,738	0	685,738	0	685,738
Jul-2012	31	1	10,025,534	928,729	928,989	-260	-13,745	98	-13,646	973,580	959,933	436,247	1,396,180	49.50%	691,081	0	691,081	0	691,081
Aug-2012	31	1	8,549,044	899,281	928,989	-29,708	-13,745	98	-13,646	964,792	951,146	436,247	1,387,393	44.34%	615,109	0	615,109	0	615,109
Sep-2012	30	92	9,436,578	1,136,030	899,021	237,009	-13,301	9,039	-4,262	1,091,711	1,087,449	429,231	1,516,680	44.53%	675,445	0	675,445	0	675,445
Oct-2012	31	345	13,284,029	1,882,129	928,989	953,140	-13,745	33,897	20,152	1,795,832	1,815,984	462,913	2,278,897	55.11%	1,255,813	0	1,255,813	0	1,255,813
Nov-2012	30	625	24,358,544	3,367,266	899,021	2,468,245	-13,301	61,407											
Dec-2012	31	892	42,986,782	5,370,335	928,989	4,441,346	-13,745	87,640											
Jan-2013	31	1,073	64,419,916	6,267,021	928,989	5,338,032	-13,745	105,424											
Feb-2013	28	914	60,920,498	5,508,033	839,087	4,668,947	-12,415	89,802											
Mar-2013	31	798	49,240,168	4,123,185	928,989	3,194,196	-13,745	78,405											
Apr-2013	30	476	33,223,535	2,616,027	869,862	1,746,164													
May-2013	31	208	19,097,003	1,538,986	898,858	640,128													
Jun-2013	30	38	11,682,717	1,062,022	869,862	192,160													
Jul-2013	31	1	9,557,724	884,463	898,858	-14,395													
Aug-2013	31	1	8,131,529	884,258	898,858	-14,600													
Sep-2013	30	92	9,553,626																
Total	365	5,463								32,655,086	32,851,641	5,559,024	38,410,665		25,117,652	0	25,117,652	125,911	25,243,562
Apr 2010 -Mar2011					11,099,925	23,329,152													
Apr 2011 -Mar2012					11,423,525	23,384,385													
Difference					323,599	55,233													
Apr 2011 -Mar2012					11,423,525	23,384,385													
Apr 2012 -Mar2013					10,938,093	23,865,900													
Difference					-485,432	481,516													
Cum Difference					-161,833	536,748													

HDDn = Normalized Heating Degree Days
SCC = Sales and Customer Choice customers
ZCC = Zero Capacity customers
TSO = Total Sendout (i.e. SCC + ZCC)
DJF = December, January, February

Attachment (a) Div-1-9

	May 2011 Billing Demand	August 2011 Billing Demand	
	Forecast ¹ (Therms)	Forecast ² (Therms)	Difference (Therms)
Nov-11	23,892,373	23,890,214	(2,160)
Dec-11	43,617,834	43,613,191	(4,643)
Jan-12	64,482,156	64,469,547	(12,609)
Feb-12	60,568,005	60,562,061	(5,944)
Mar-12	48,786,079	48,781,198	(4,881)
Apr-12	32,926,507	32,925,758	(749)
May-12	20,141,972	20,143,166	1,195
Jun-12	11,601,843	11,604,105	2,261
Jul-12	10,025,534	10,104,440	78,906
Aug-12	8,549,044	8,746,545	197,501
Sep-12	9,436,578	9,463,021	26,443
Oct-12	13,284,029	13,283,583	(445)
TOTAL	347,311,955	347,586,829	274,874
		100.08%	0.08%

1. Used in Attachment EDA-4, page 11 of 16

2. Used in Nestor's Attachment NG-JFN-3, Schedule 6, pages 7 and 8

Nestor's Attachment NG-JFN-3, Schedule 6, pages 7 and 8

line 12

line 38

line 16

line 48

	Sales from August 2011					FT-1 from August 2011				FT-2 from August 2011				
	August 2011 Billing Demand	Billing Demand	Firm Dual	Fuel Sales	Total Sales	Forecast Demand	Fuel FT-1	Total FT-1	Total FT-1	Forecast Demand	Firm Dual	Total FT-2	Total FT-2	Total Throughput
	Forecast ² (Therms)	Forecast (Therms)	(Therms)	(Therms)	(Dth)	(Therms)	(Therms)	(Therms)	(Dth)	(Therms)	(Therms)	(Therms)	(Dth)	(Dth)
Nov-11	23,890,214	15,299,497	51,679	15,351,176	1,535,118	6,464,065	759,911	7,223,977	722,398	2,126,651	14,048	2,140,698	214,070	2,471,585
Dec-11	43,613,191	31,716,018	93,857	31,809,876	3,180,988	8,306,796	1,072,525	9,379,321	937,932	3,590,376	22,721	3,613,097	361,310	4,480,229
Jan-12	64,469,547	48,613,315	126,467	48,739,782	4,873,978	10,499,137	1,395,122	11,894,259	1,189,426	5,357,095	21,436	5,378,531	537,853	6,601,257
Feb-12	60,562,061	47,328,146	133,320	47,461,467	4,746,147	8,796,110	1,501,968	10,298,078	1,029,808	4,437,805	49,582	4,487,387	448,739	6,224,693
Mar-12	48,781,198	36,463,435	95,741	36,559,177	3,655,918	8,161,803	1,359,447	9,521,250	952,125	4,155,960	39,557	4,195,518	419,552	5,027,594
Apr-12	32,925,758	23,619,803	111,670	23,731,473	2,373,147	6,097,472	1,354,574	7,452,046	745,205	3,208,482	21,967	3,230,449	323,045	3,441,397
May-12	20,143,166	14,582,422	54,361	14,636,783	1,463,678	4,036,301	1,022,490	5,058,791	505,879	1,524,442	15,484	1,539,926	153,993	2,123,550
Jun-12	11,604,105	6,374,955	27,387	6,402,342	640,234	4,119,675	910,355	5,030,029	503,003	1,109,475	6,762	1,116,237	111,624	1,254,861
Jul-12	10,104,440	6,139,619	27,192	6,166,811	616,681	3,428,889	955,514	4,384,403	438,440	535,932	4,843	540,775	54,078	1,109,199
Aug-12	8,746,545	4,978,880	20,627	4,999,507	499,951	3,220,980	801,634	4,022,614	402,261	546,686	5,535	552,221	55,222	957,434
Sep-12	9,463,021	5,377,714	24,436	5,402,150	540,215	3,529,412	977,324	4,506,736	450,674	555,895	5,832	561,728	56,173	1,047,061
Oct-12	13,283,583	6,925,260	23,628	6,948,889	694,889	5,194,281	853,368	6,047,648	604,765	1,164,043	6,640	1,170,682	117,068	1,416,722
TOTAL	347,586,829	247,419,065	790,366	248,209,431	24,820,943	71,854,921	12,964,232	84,819,153	8,481,915	28,312,843	214,407	28,527,250	2,852,725	36,155,583

Division 1-10

Request:

Re: page 11, line 13, of witness Arangio's Direct Testimony, please define and provide a detailed explanation of what is meant by "the E and G systems."

Response:

The "E System" is a subsection of Algonquin's Gas Transmission system. The E system commences at the interconnection with Algonquin's mainline in Coventry, CT, and supplies gas to customers in Eastern Connecticut and Western Rhode Island.

The "G System" is a subsection of Algonquin's Gas Transmission system. The G System commences at the interconnection with Algonquin's mainline in Mendon, MA, and supplies gas to customers in Southeastern Massachusetts and Eastern Rhode Island.

Prepared by or under the supervision of: Elizabeth D. Arangio

Division 1-11

Request:

Re: the Direct Testimony of witness Arangio at page 12, lines 5-12, please:

- a. Provide a copy of the referenced “RFP;”
- b. Please identify the parties to whom the RFP was distributed;
- c. Identify each firm that responded to the RFP with a bid;
- d. Provide a copy of each bid received in response to the RFP;
- e. Provide a complete copy of the Asset Management and Gas Supply Agreement entered into as a result of the referenced RFP.

Response:

The Company has provided the following attachments:

Attachment 1	A copy of the RFP.
Attachment 2	A listing of parties that received the RFP
Attachment 3 (Redacted)	Bid responses from parties that responded to the RFP.
Attachment 4 (Redacted)	Copies of the RFP bids received.
Attachment 5 (Redacted)	An executed copy of the Asset Management and Gas Supply Agreement.

Prepared by or under the supervision of: Elizabeth D. Arangio

Request for Proposals (“RFP”)
October 7, 2010

The Narragansett Electric Company d/b/a National Grid (“National Grid” or “Buyer”) is seeking proposals (“Proposals”) for an Asset Management Arrangement (“AMA”) and also for gas supply as more fully set forth below. Under the AMA, the successful bidder shall have the right to optimize the released assets (“Assets”) subject to satisfying Buyer’s gas supply requirements. More specifically, Buyer is seeking proposals for an Asset Management Arrangement pursuant to which (a) Buyer will release 10,000 dt/day of Algonquin capacity from Beverly, MA to various points of interconnection with the facilities of National Grid in Rhode Island¹ during the period from November 1, 2010 through and including October 31, 2011, and (b) Buyer will have the right to purchase Gas in the quantities specified in the attached Exhibit A.

Provisions Applicable to AMA

AMA:

Buyer is seeking to enter into an AMA. The Assets to be released by Buyer to Seller, Buyer’s gas supply requirements are set forth in Exhibit A attached hereto.

Term:

November 1, 2010 through October 31, 2011

Release of Assets:

Assets shall be released by Buyer for the entire Term at no cost to Seller. Buyer shall remain responsible for payment of all demand charges related to the Assets. Seller shall be responsible for all variable costs in connection with the Assets during the Term. Buyer and Seller each agree to take such actions and execute such documents as may be required to effectuate the release of the Assets from Buyer to Seller. The parties intend that the transaction shall be structured as an Asset Management Agreement pursuant to FERC Order 712 and any other applicable rules or regulations. All releases shall be subject to recall in the event that the Seller fails to meet its gas supply obligation to Buyer or in the event of any other uncured event of default by Seller.

Gas Supply Requirements:

Seller shall be obligated to deliver and sell gas to Buyer at the Delivery Points in the quantities and during the periods specified in Exhibit A. Such gas supply obligation shall

¹ Primary delivery points are: Warren, RI – 2,000 dt/day, Portsmouth, RI – 6,000 dt/day, Tiverton, RI – 500 dt/day and Montville, CT – 1,500 dt/day. Montville deliveries are made to Yankee Gas. The capacity is expected to be in-service as of November 1, 2010. If in-service date is delayed, any transaction entered into may need to be modified accordingly.

consist of a Base-Load Supply, a Daily Call and a Supplemental Daily Call.

Delivery Point:

As requested by Buyer, at the point(s) of interconnection between Buyer's facilities and Algonquin Gas Transmission, LLC as set forth in the applicable AFT-1 Agreement attached hereto as Exhibit B.

Price:

The price paid for gas hereunder shall be:

For the Base-Load Supply, the price shall be the first of month price posted in Inside FERC's First of Month Report for the applicable month for Algonquin city-gates.

For Gas delivered pursuant to the Daily Call option, the price shall be the Gas Daily, Daily Index for Algonquin, city-gates for the applicable day.

For Gas delivered pursuant to the Supplemental Daily Call option, the price shall be the Gas Daily, Daily Index for Algonquin, city-gates plus \$0.20 per dt.

Notification:

Buyer shall have the right to call on Gas under the Daily Call Option and/or the Supplemental Daily Call option upon notice to Seller no later than 9:00 am EPT on the day prior to gas flow.

Optimization:

Subject to the delivery obligations set forth herein, Seller shall have the right to utilize and optimize the Assets for its own account. In exchange for such right, Seller shall pay Buyer an Optimization payment.

Submission of Proposals:

Proposals must be submitted by the date specified in the Schedule below. AMA Proposals should include: Seller's proposed Optimization Payment, and any exceptions to the structure proposed by Buyer herein.

Proposals should be sent via e-mail to:

John E. Allocca
Director of Gas Contracting & Compliance
100 East Old Country Road
Hicksville, NY 11801
Telephone: 516-545-3108
e-mail address: john.allocca@us.ngrid.com

Liz Arangio
Director Gas Supply Planning
National Grid
40 Sylvan Road, E3.606
Waltham, MA 02451
Office: 781-907-1639
e-mail address: Elizabeth.Arangio@us.ngrid.com

Nancy G. Culliford
Manager Gas Supply Planning
40 Sylvan Road, E3.616
Waltham, MA 02451
Telephone: 781-907-1638
e-mail address: nancy.culliford@us.ngrid.com

and,

Janet Prag
Contract Specialist
100 East Old Country Road
Hicksville, NY 11801
Telephone: 516-545-5463
e-mail address: janet.prag@us.ngrid.com

Any questions in connection with this RFP should be sent by e-mail to the parties above.

Schedule

October 12	All questions must be submitted in writing by 2 pm ET
October 14	National Grid will respond to Bidders questions in writing by 5 pm ET
October 18	Proposals must be received by National Grid by 9 am ET. Proposal should indicate that the pricing will remain firm until 5 pm ET on October 19, 2010.

October 19 National Grid will endeavor to select a Proposal and parties will confirm deal in writing by 5 pm ET. Confirmation will reflect agreement of parties to negotiate and execute definitive agreement

October 25 Target date for execution of definitive agreement

Credit Requirements:

Winning Supplier(s) must be able to demonstrate it has the financial resources to perform during the term of the Transaction. National Grid may require Supplier(s) to provide some form of security when entering into a Confirmation. The security arrangement will be based on the expected mark-to-market from the date of execution of the Transaction Confirmation through the end of the term of the Transaction. As forward market prices change, the Supplier(s) will be required to post security for those incremental changes. Additionally, upon execution of the Transaction Confirmation, Suppliers that are rated at or below BBB-/Baa3 will be required to post an Independent Amount equal to 10% of the potential mark to market exposure. The Supplier(s) shall provide security in one of the following forms:

- Unsecured line of credit for a rated counterparty
- Parental Guaranty
- Letter of Credit
- Cash deposit with National Grid

Respondents that are rated by a major credit rating agency must provide the ratings assigned by such agencies. Respondents that are not rated by a major credit rating agency must provide the following information to enable National Grid to evaluate a Respondent's financial strength:

- Respondent's organizational history
- Date of establishment
- Initial (if founded within the last ten years) and current capitalization
- Certified financial statements, including balance sheets and statements of income and cash flow with respect to the two previous fiscal years and the most recent interim period
- Forms 10-K and 10-Q, submitted to the United States Securities and Exchange Commission for the two previous fiscal years, if applicable;
- Short-term and long-term debt ratings from Moody's Investor Service or Standard & Poor's Corporation
- Corporate affiliates or joint venture partners including any details regarding financial limitations between partners or affiliates.

If a Respondent has provided this information to National Grid in a response to a previous RFP, then the Respondent need only to identify the date that such information was submitted and update the previously provided information.

Miscellaneous

National Grid will consider proposals only from bidders who have an executed NAESB Base Contract for Sale and Purchase of Natural Gas with The Narragansett Electric Company. Bidders submitting bids in response to this RFP understand and agree that unless and until a definitive Transaction Confirmation has been executed and delivered, no contract or agreement providing for a transaction between such parties shall be deemed to exist between the parties, and neither party will be under any legal obligation of any kind whatsoever with respect to such transaction by virtue of this or any written or oral expression thereof, including, but not limited to, a letter of intent or any other preliminary agreement or any other written agreement or offer. National Grid reserves the right to withdraw or modify this RFP at any time and National Grid shall have the right, in its sole and absolute discretion, to reject any or all Proposals submitted in response to this RFP.

John Allocca,
Director of Gas Contracting & Compliance

Exhibit A

Month	Base-Load Supplies		Daily Call			Supplemental Daily Call		
	Maximum Daily Quantity	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity
Nov	0	0	10,000	20	200,000	10,000	10	100,000
Dec	3,000	93,000	7,000	12	84,000	7,000	19	133,000
Jan	3,000	93,000	7,000	14	98,000	7,000	17	119,000
Feb	3,000	84,000	7,000	14	98,000	7,000	14	98,000
Mar	0	0	10,000	20	200,000	10,000	11	110,000
Apr	0	0	10,000	20	200,000	0	0	0
May	0	0	3,000	13	39,000	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Oct	0	0	10,000	20	200,000	0	0	0

EXHIBIT B

SERVICE AGREEMENT
(APPLICABLE TO RATE SCHEDULE AFT-1)

Date 3/2/16

Contract No. 510511-R1

SERVICE AGREEMENT

This AGREEMENT is entered into by and between Algonquin Gas Transmission, LLC ("Algonquin") and THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID ("Customer").

WHEREAS, Customer desires Algonquin to transport natural gas for Customer's account on a firm basis pursuant to the terms and conditions of Algonquin's Rate Schedule AFT-1; and

WHEREAS, Algonquin desires to transport natural gas for Customer's account on a firm basis pursuant to the terms and conditions of Algonquin's Rate Schedule AFT-1;

NOW THEREFORE, in consideration of the premises and of the mutual covenants herein contained, the parties do agree as follows:

1. Algonquin shall deliver and Customer shall take and pay for service pursuant to the terms of this Agreement and subject to Algonquin's Rate Schedule AFT-1 and the General Terms and Conditions of Algonquin's Tariff, which are incorporated herein by reference and made a part hereof.
2. The Maximum Daily Transportation Quantity (MDTQ) and Maximum Annual Transportation Quantity (MATQ) for service under this Agreement and any right to increase or decrease the MDTQ or MATQ during the term of this Agreement are listed on Exhibit C attached hereto. The Point(s) of Receipt and Point(s) of Delivery, respectively, are listed on Exhibits A and B attached hereto. Exhibit(s) A, B, and C are incorporated herein by reference and made a part hereof.
3. This Agreement shall be effective the later of November 1, 2010, or the date that all of the conditions precedent under the Precedent Agreement dated August 31, 2007 as amended have been satisfied or waived, and shall continue for a term of 10 years ("Primary Term") and shall continue to be effective from year to year thereafter unless and until terminated by Algonquin or Customer upon prior written notice of at least 1 year. This Agreement may be terminated at any time by Algonquin in the event Customer fails to pay part or all of the amount of any bill for service hereunder and such failure continues for thirty days after payment is due; provided Algonquin gives ten days prior written notice to Customer of such termination and provided further such termination shall not be effective if, prior to the date of termination, Customer either pays such outstanding bill or furnishes a good and sufficient surety bond or other form of security reasonably acceptable to Algonquin guaranteeing payment to Algonquin of such outstanding bill; provided that Algonquin shall not be entitled to terminate service pending the resolution of a disputed bill if Customer complies with the billing dispute procedure currently on file in Algonquin's Tariff. Any portions of this Agreement necessary to correct or cash-out imbalances under this Agreement as required by the General Terms and Conditions of Algonquin's Tariff shall survive the other parts of this Agreement until such time as such balancing has been accomplished.

If this Agreement qualifies as a "ROFR Agreement" as defined in the General Terms and Conditions of Algonquin's Tariff, the provision of a termination notice by either Customer or Algonquin, pursuant to this article 3, a notice of partial reduction in Maximum Daily Transportation Quantity and Maximum Annual Transportation Quantity pursuant to Exhibit C or the expiration of this Agreement of its own terms triggers Customer's right of first refusal under Section 9 of the General Terms and Conditions of Algonquin's Tariff.

4. Maximum rates, charges, and fees shall be applicable to service pursuant to this Agreement except during the specified term of a discounted rate or a Negotiated Rate to which Customer and Algonquin have agreed. Provisions governing such discounted rate shall be as specified in the Discount Confirmation to this Agreement. Provisions governing such Negotiated Rate and term shall be as specified on an appropriate rate sheet filed, with the consent of Customer, as part of Algonquin's Tariff. It is further agreed that Algonquin may seek authorization from the Commission and/or other appropriate body at any time and from time to time to change any rates, charges or other provisions in the applicable Rate Schedule and General Terms and Conditions of Algonquin's Tariff, and Algonquin shall have the right to place such changes in effect in accordance with the Natural Gas Act. Nothing contained herein shall be construed to deny Customer any rights it may have under the Natural Gas Act, including the right to participate fully in rate or other proceedings by intervention or otherwise to contest increased rates in whole or in part.
5. Unless otherwise required in the Tariff, all notices shall be in writing and shall be considered duly delivered when mailed to the applicable address below or transmitted via facsimile. Customer or Algonquin may change the addresses or other information below by written notice to the other without the necessity of amending this Agreement:

Contract No.: 510511-R1

Algonquin: ALGONQUIN GAS TRANSMISSION, LLC
5400 WESTHEIMER COURT
HOUSTON, TX 77056-5310

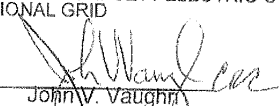
Customer: THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID
100 E OLD COUNTRY ROAD
2ND FLOOR
HICKSVILLE, NY 11801

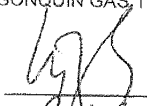
6. The interpretation and performance of this Agreement shall be in accordance with the laws of the Commonwealth of Massachusetts, excluding conflicts of law principles that would require the application of the laws of a different jurisdiction.
7. This Agreement supersedes and cancels, as of the effective date of this Agreement, the contract(s) between the parties hereto as described below, if applicable, except that in the case of conversions from former Rate Schedules F-2 and F-3, the parties' obligations under Article II of the service agreements pertaining to such rate schedules shall continue in effect:

All prior contract(s) between the parties related to the service hereunder.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be signed by their respective Officers and/or Representatives thereunto duly authorized to be effective as of the date stated above.

THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID ALGONQUIN GAS TRANSMISSION, LLC

By: 
John V. Vaughn
Title: Authorized Signatory

By: 
Title: President

**SERVICE AGREEMENT
(APPLICABLE TO RATE SCHEDULE AFT-1)
Exhibit A**

Point(s) of Receipt

Dated: 3/2/10

To the service agreement under Rate Schedule AFT-1 between Algonquin Gas Transmission, LLC (Algonquin) and THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID (Customer) concerning Point(s) of Receipt.

**Primary
Point of
Receipt**

00215 SALEM ESSEX CO., MA (ESSEX.MA)
ESSEX CO., MA

**Maximum Daily
Receipt Obligation
(dth)**

10,000

**Maximum
Receipt Pressure
(psig)**

AT ANY PRESSURE REQUESTED BY ALGONQUIN BUT
NOT IN EXCESS OF ALGONQUIN'S MAXIMUM
ALLOWABLE OPERATING PRESSURE (MAOP).

Signed for Identification

Algonquin: [Signature]

Customer: [Signature]

Supercedes Exhibit A Dated N/A
John V. Vaughn
Authorized Signatory

Legal Approved by SEH, Asset Planning Approved by JDH, Credit Approved by JER

Page 1 of 1

Contract No.: 510511-R1A1

**SERVICE AGREEMENT
(APPLICABLE TO RATE SCHEDULE AFT-1)**

Exhibit B

Point(s) of Delivery

Dated: 3/2/10

To the service agreement under Rate Schedule AFT-1 between Algonquin Gas Transmission, LLC (Algonquin) and THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID (Customer) concerning Point(s) of Delivery.

Primary Point of Delivery	Maximum Daily Delivery Obligation (dth)	Minimum Delivery Pressure (psig)
00012 NATIONAL GRID - WARREN (BRISTOL, RI) BRISTOL CO., RI	2,000	ALGONQUIN'S LINE PRESSURE AS MAY EXIST FROM TIME TO TIME BUT NOT IN EXCESS OF THE MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP).
00013 NATIONAL GRID- PORTSMOUTH (NEWPORT, RI) NEWPORT CO., RI	6,000	ALGONQUIN'S LINE PRESSURE AS MAY EXIST FROM TIME TO TIME BUT NOT IN EXCESS OF THE MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP).
00033 NATIONAL GRID - TIVERTON (NEWPORT, RI) NEWPORT CO., RI	500	ALGONQUIN'S LINE PRESSURE AS MAY EXIST FROM TIME TO TIME BUT NOT IN EXCESS OF THE MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP).
00059 MONTVILLE (NEW LONDON, CT) NEW LONDON CO., CT	1,500	ALGONQUIN'S LINE PRESSURE AS MAY EXIST FROM TIME TO TIME BUT NOT IN EXCESS OF THE MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP).

Exhibit C
Transportation Quantities

Dated: 3/2/10

To the service agreement under Rate Schedule AFT-1 between Algonquin Gas Transmission, LLC (Algonquin) and THE NARRAGANSETT ELECTRIC COMPANY D/B/A NATIONAL GRID (Customer) concerning transportation quantities.

MAXIMUM DAILY TRANSPORTATION QUANTITY (MDTQ): 10,000 Dth
Dth Period

MAXIMUM ANNUAL TRANSPORTATION QUANTITY (MATQ): 3,650,000 Dth

PARTIAL QUANTITY REDUCTION RIGHTS: Customer elects to partially reduce Customer's Maximum Daily Transportation Quantity by N/A dth and Maximum Annual Transportation Quantity by N/A dth, maintaining the existing Maximum Daily Transportation Quantity to Maximum Annual Transportation Quantity relationship, as of N/A, or any subsequent anniversary date, upon providing N/A year(s) prior written notice to Algonquin.

Algonquin and Customer agree that, if this Agreement qualifies as a "ROFR Agreement", (i) the foregoing contractual right to partially reduce Customer's Maximum Daily Transportation Quantity is in addition to and not in lieu of any ROFR right to reduce Customer's Maximum Daily Transportation Quantity on a volumetric basis upon termination or expiration of this Agreement and (ii) only the partial reduction pursuant to the foregoing contractual right to partially reduce Customer's Maximum Daily Transportation Quantity is subject to the ROFR procedures specified in the General Terms and Conditions of Algonquin's Tariff and Customer may retain the balance of the Maximum Daily Transportation Quantity without being subject to the ROFR procedures.

Signed for Identification

Algonquin: _____

Customer: _____

John V. Vaughn

Authorized Signatory

Supercedes Exhibit C Dated N/A
Legal Approved by SEH, Asset Planning Approved by JDH, Credit Approved by JER

	Counterparty
1	Anadarko
2	Barclays Capital
3	BG Group
4	BNP Paribas
5	BP
6	Cargill
7	Centerpoint Energy
8	Chevron
9	Citigroup
10	Colonial Energy
11	Conoco Phillips
12	CrossTex Energy
13	Deutsche Bank
14	Devon
15	DTE Energy
16	Eagle Energy
17	EDF Trading
18	Emera
19	EnCana
20	Energy Atlantica
21	Energy Transfer
22	Enterprise
23	ExxonMobil
24	Gazprom
25	GDF Suez
26	Granite Ridge
27	Hess
28	Iberdrola
29	Integrus Energy
30	J. Aron
31	J. P. Morgan
32	Louis Dreyfus
33	Macquarie
34	Merrill Lynch
35	Morgan Stanley
36	National Energy & Trade
37	Next Era Energy
38	NJR Resources
39	Oneok
40	Oxy
41	PPPM Energy
42	PSE&G
43	RBS Semptra
44	Repsol
45	S.J. Industries
46	Sequent
47	Shell
48	Southwestern Energy
49	Sprague Energy
50	Statoil
51	Tenaska
52	TMV Gas
53	TOTAL
54	Ultra Petroleum
55	United Energy
56	Unocal
57	Vega Energy
58	VPEM
59	Williams
60	Yaka Energy

REDACTED

RFP – The Narragansett Electric Company – October 7, 2010
East to West AMA & Gas Supply
Recipient Checklist

The Narragansett Electric Company
d/b/a National Grid
Docket No. 4283
2011 Gas Cost Recovery Filing
Responses to Division Data Requests (Set 1)
DIV 1-11 Attachment 3 Redacted
Issued on September 28, 2011
Page 1 of 1

Company	Proposal Due 9 AM 10/18/2010 Received	Bidder's Contact Information	Executed NAESB	Proposal	Comments
BP	10/18/2010	Paul Mugridge	Yes	Declined to Bid	
Distrigas	10/18/2010	Greig Whitney-617-526-8367	No	\$_____ payable in _____ equal monthly installments of \$_____ during the months of November through March 2011.	
Emera	10/18/2010	Mark Christie	No	\$_____ per annum.	
Repsol	10/18/2010	Craig Adams-281-863-1613	Yes	\$_____ in _____ equal monthly payments throughout the term.	Repsol was winning bidder.
Shell Energy N.A.	10/18/2010	Robert Moore	Yes	Declined to Bid	

Repsol was awarded the RFP.

RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arra... Page 1 of 2

Culliford, Nancy G. (Marketing)

From: Mugridge, Paul T [paul.mugridge@bp.com]
Sent: Monday, October 18, 2010 5:07 PM
To: Prag, Janet A. (Marketing)
Cc: Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Carroll, MaryBeth (Marketing); Chalmers LaPierre, Margaret; Clark, Cynthia R.; Culliford, Nancy G. (Marketing); Derivative Group US; Kruchten, Dale; Kunz, Richard F. (Marketing); Leippert, Mark J. (Marketing); Marinace, Thomas C. (Marketing); Marino, Kevin M. (Marketing); Mc Cauley, Stephen A. (Marketing); Metress, John C. (Marketing); Mitchko, Peter P.; Moore, Robert K. (Marketing); Oranges, Andres H.; Outar, Faye M.; Papetti, Dino C. (Marketing); Soule, Richard J.; Spencer, Brian D. (Marketing); Troupe, Eboni; Whitney, Deborah M. (Marketing); Zhukovsky, Alexander
Subject: RE: RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arrangement and Gas Supply

Janet

After careful review of this RFP coupled with BP's other obligations, BP had chosen to not respond to this RFP with a proposal.

Thanks you for including BP in your gas supply needs and please continue to keep BP on your distribution list.

Thanks again.

Paul Mugridge
NEMA Mid-Marketing
BP Energy Company
201 Helios Way
Houston, TX 77079
O - 713-323-2567
f - 713-323-7463
C - 713-857-2428
paul.mugridge@bp.com
AOL IM - paulmug1

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From: Prag, Janet A. (Marketing) [mailto:Janet.Prag@us.ngrid.com]
Sent: Thursday, October 07, 2010 1:36 PM
Cc: Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Carroll, MaryBeth (Marketing); Chalmers LaPierre, Margaret; Clark, Cynthia R.; Culliford, Nancy G. (Marketing); Derivative Group; Kruchten, Dale; Kunz, Richard F. (Marketing); Leippert, Mark J. (Marketing); Marinace, Thomas C. (Marketing); Marino, Kevin M. (Marketing); Mc Cauley, Stephen A. (Marketing); Metress, John C. (Marketing); Mitchko, Peter P.; Moore, Robert; Oranges, Andres; Outar, Faye M.; Papetti, Dino C. (Marketing); Soule, Richard J.; Spencer, Brian D.; Troupe, Eboni; Whitney, Deborah M. (Marketing); Zhukovsky, Alexander
Subject: RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arrangement and Gas Supply

I am attaching an RFP seeking proposals for an Asset Management Arrangement as set forth in the

10/03/2011

REDACTED

The Narragansett Electric Company
d/b/a National Grid
Docket No. 4283
2011 Gas Cost Recovery Filing
Responses to Division Data Requests (Set 1)
Div 1-11 Attachment 4 Redacted
Issued on September 28, 2011
Page 2 of 13

RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arra... Page 2 of 2

attached RFP.

Please submit all questions to the parties listed in the RFP by 5 pm ET on Tuesday, October 12, 2010. Proposals are due by 9 am ET on Monday, October 18, 2010.

We appreciate the effort involved in responding to this RFP and look forward to receiving your proposal.

Thank you.

John Allocca

Janet A. Prag
Contract Specialist
National Grid
Energy Portfolio Management
Phone: 516-545-5463
Fax: 516-545-3130
email: janet.prag@us.ngrid.com

<<RFP-RI East-West-2010-2011-Final.doc>> <<RFP-RI East-West-Exhibit A-Final.xls>> <<RFP-RI East-West-Exhibit B.pdf>>

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10/03/2011

Culliford, Nancy G. (Marketing)

From: Whitney, Greig [Greig.Whitney@gdfsuezna.com]
Sent: Sunday, October 17, 2010 11:18 PM
To: Arangio, Elizabeth C. (Marketing); Allocca, John E. (Marketing); Culliford, Nancy G. (Marketing)
Cc: Prag, Janet A. (Marketing)
Subject: The Narragansett Electric Company's Request for Proposals dated October 7, 2010
Attachments: DOMAC Narragansett E2W RFP Response.pdf



DOMAC
Narragansett E2W RFP F

Hello Everyone,

Attached please find DOMAC's response to The Narragansett Electric Company's Request for Proposals dated October 7, 2010. We appreciate this opportunity to present this offer and look forward to working with you on this opportunity.

Please do not hesitate to contact me if you have any questions or require additional information.

Best regards,

Greig H. Whitney
Director of Sales
GDF SUEZ LNG NA/Distrigas
(617) 526-8367 - Office
(617) 899-1117 - Cell
(617) 381-8667- Fax

C O N F I D E N T I A L

OUTLINE OF PRICING AND OTHER TERMS FOR

FIRM VAPOR SERVICE / ASSET MANAGEMENT ARRANGEMENT

THE NARRAGANSETT ELECTRIC COMPANY

DATE: October 17, 2010

SELLER: Distrigas of Massachusetts LLC ("Seller")

BUYER: The Narragansett Electric Company d/b/a National Grid ("Buyer")

LEVEL OF SERVICE: Firm

UNDERLYING CONTRACT(S): This transaction is contemplated within the context of a NAESB contract between Buyer and Seller with an accompanying Asset Management Agreement (AMA) and Transaction Confirmation as applicable.

COMMENCEMENT DATE: November 1, 2010

CONTRACT TERM: November 1, 2010 to October 31, 2011

QUANTITY: As outlined in the following table:

Month	Base-Load Supplies		Daily Call			Supplemental Daily Call		
	Maximum Daily Quantity	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity
Nov	0	0	10,000	20	200,000	10,000	10	100,000
Dec	3,000	93,000	7,000	12	84,000	7,000	19	133,000
Jan	3,000	93,000	7,000	14	98,000	7,000	17	119,000
Feb	3,000	84,000	7,000	14	98,000	7,000	14	98,000
Mar	0	0	10,000	20	200,000	10,000	11	110,000
Apr	0	0	10,000	20	200,000	0	0	0
May	0	0	3,000	13	39,000	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Oct	0	0	10,000	20	200,000	0	0	0

The Narragansett Electric Company
October 17, 2010

DELIVERY: As requested by Buyer, at the point(s) of interconnection between Buyer's facilities and Algonquin Gas Transmission, LLC as set forth in the applicable AFT-1 Agreement which shall be included in the AMA between Buyer and Seller.

OPTIMIZATION PAYMENT: In exchange for utilizing Buyer's capacity for the Contract Term¹, Seller shall pay Buyer an Optimization Payment [REDACTED] during the months of November, 2010 through and including March, 2011.

¹Capacity is expected to be in-service as of November 1, 2010. If in-service date is delayed, any transaction entered into may need to be modified accordingly.

COMMODITY CHARGE:

The following outlines the pricing to be paid by Seller:

1. For the Base-Load Supply, the price shall be the first of month price posted in Inside FERC's First of Month Report for the applicable month for Algonquin city-gates.
2. For Gas delivered pursuant to the Daily Call option, the price shall be the Gas Daily, Daily Index for Algonquin, city-gates for the applicable day.
3. For Gas delivered pursuant to the Supplemental Daily Call option, the price shall be the Gas Daily, Daily Index for Algonquin, city-gates [REDACTED]

NOTIFICATION: Buyer shall have the right to call on Gas under the Daily Call Option and/or the Supplemental Daily Call option upon notice to Seller no later than 9:00 AM EST on the business day prior to gas flow. Nominations shall be ratable over weekends and holidays.

OTHER: This outline is strictly confidential.

Other contract provisions including metering, measurement, billing and payment, force majeure and related provisions will be pursuant to Seller's NAESB agreement.

This proposal, and any agreement resulting there from, is subject to final GDF SUEZ Gas NA Board or senior management approval as required.

This proposal is also subject to Buyer's satisfying Seller's creditworthiness requirements, to be determined in Seller's sole discretion prior to the execution of a binding Contract. Buyer shall be required to maintain such credit worthiness throughout the term of the Contract.

Buyer and Seller recognize and acknowledge that this Proposal is not legally binding on either party and is intended for negotiation purposes only. Neither party has any obligation to enter into a binding legal agreement or to pursue this proposal. Any agreement would be subject to the parties' execution of a mutually agreeable Contract.

This proposal is valid for acceptance by Buyer until 5 p.m. (EST) on October 19, 2010.

Culliford, Nancy G. (Marketing)

From: CHRISTIE, MARK [Mark.Christie@EmeraEnergy.com]
Sent: Monday, October 18, 2010 8:28 AM
To: Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Culliford, Nancy G. (Marketing); Prag, Janet A. (Marketing)

Subject: Narragansett Electric Company AMA Proposal

Emera would like to thank you for the opportunity to bid on the Narragansett Electric Company AMA RFP dated October 7, 2010.

Please find our proposal listed below.

GENERAL TERMS:

1) Credit: Emera Inc. is willing to provide the appropriate parental guarantee as necessary. Credit information on Emera Inc. is available on Emera's website: emera.com including annual and quarterly reports.

Emera Inc. currently does not have credit in place with Narragansett Electric Company, and appropriate credit support would have to be in place prior to Nov 1, 2010. Given Narragansett's A-ratings, this is not perceived to be an issue.

2) NAESB: Emera currently does not have an executed NAESB with Narragansett Electric Company. If successful Emera would use reasonable efforts to have an executed master agreement in place by Nov 1, 2010.

3) Notification: Buyer must notify Emera of the DCQ no later than 9:00 am EPT on each business day prior to Platt's Gas Daily Flow dates(s). Volumes over the weekends as defined by Platts Gas Daily flow dates must be of equal quantities (i.e. no deliveries for one day only etc.)

4) Confidentiality: The proposals below are submitted with the understanding that it's terms, and the fact Emera has made these proposals, are confidential.

Price paid to Narragansett Electric Company: [REDACTED]

Please feel free to call me if you need any further clarification John. Regards.

Mark Christie
Emera Energy Inc.
Director, Natural Gas & Power Trading

Confidentiality Notice - The email communication is considered confidential and is intended only for the recipient(s). If you received this email in error please contact the sender and delete the email. Unauthorized disclosure or copying of this email is prohibited.

Attachment Limits - Emera will not accept email larger than 10MB or emails containing high risk attachments like ZIP, EXE or others that could contain vi If you have a business need to send such an email, please contact the recipient

RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arra... Page 1 of 2

Culliford, Nancy G. (Marketing)

From: ADAMS, CRAIG [craig.adams@repsol.com]
Sent: Sunday, October 17, 2010 11:02 PM
To: Prag, Janet A. (Marketing); Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Culliford, Nancy G. (Marketing)
Cc: MORRISSETTE MORRISSETTE, VINCENT CURTIS; BOTTS D, COLIN; BLASER BLASER, MICHAEL; ARAOZ BUGALLO, PEDRO EUGENIO
Subject: RE: RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arrangement and Gas Supply
Attachments: narragansett ama 2010 11.pdf

Repsol Energy North America is pleased to present the attached proposal pursuant to your request.

Contracts and credit exist between Repsol and Narragansett Electric, so no administrative hurdles are anticipated. Repsol would like to point out that it holds the largest portfolio of primary firm deliverability into the assets for which National Grid seeks supply and management services and looks forward to utilizing its assets to provide unique service to National Grid.

Please let me know if you have any questions or concerns, and thanks again for considering Repsol a potential supplier to Narragansett.

Best regards,

Craig Adams
Vice President, Marketing
Repsol Energy North America
281 863-1613

From: Prag, Janet A. (Marketing) [mailto:Janet.Prag@us.ngrid.com]
Sent: Thursday, October 07, 2010 1:36 PM
Cc: Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Carroll, MaryBeth (Marketing); Chalmers LaPierre, Margaret; Clark, Cynthia R.; Culliford, Nancy G. (Marketing); Derivative Group; Kruchten, Dale; Kunz, Richard F. (Marketing); Leippert, Mark J. (Marketing); Marinace, Thomas C. (Marketing); Marino, Kevin M. (Marketing); Mc Cauley, Stephen A. (Marketing); Metress, John C. (Marketing); Mitchko, Peter P.; Moore, Robert; Oranges, Andres; Outar, Faye M.; Papetti, Dino C. (Marketing); Soule, Richard J.; Spencer, Brian D.; Troupe, Eboni; Whitney, Deborah M. (Marketing); Zhukovsky, Alexander
Subject: RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arrangement and Gas Supply

I am attaching an RFP seeking proposals for an Asset Management Arrangement as set forth in the attached RFP.

Please submit all questions to the parties listed in the RFP by 5 pm ET on Tuesday, October 12, 2010. Proposals are due by 9 am ET on Monday, October 18, 2010.

We appreciate the effort involved in responding to this RFP and look forward to receiving your proposal.

Thank you.

10/03/2011

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The Narragansett Electric Company
d/b/a National Grid
Docket No. 4283
2011 Gas Cost Recovery Filing
Responses to Division Data Requests (Set 1)
Div 1-11 Attachment 4 Redacted
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RFP - The Narragansett Electric Company d/b/a National Grid - Asset Management Arra... Page 2 of 2

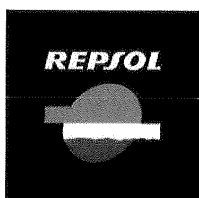
John Allocca

Janet A. Prag
Contract Specialist
National Grid
Energy Portfolio Management
Phone: 516-545-5463
Fax: 516-545-3130
email: janet.prag@us.ngrid.com

<<RFP-RI East-West-2010-2011-Final.doc>> <<RFP-RI East-West-Exhibit A-Final.xls>> <<RFP-RI
East-West-Exhibit B.pdf>>

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10/03/2011



**PROPOSAL FOR GAS SUPPLY AND
MANAGEMENT SERVICES
FROM
REPSOL ENERGY NORTH AMERICA
TO
ENERGYNORTH NATURAL GAS, INC.**

Type of service:	Asset management and firm natural gas supply services.
Buyer:	Narragansett Electric Co., dba National Grid.
Seller:	Repsol Energy North America.
Transportation Asset:	Firm transportation rendered by Algonquin Gas Transmission, LLC ("AGT") under Rate Schedule AFT-1 from the interconnect between AGT and Maritimes & Northeast Pipeline near Beverly, MA and Buyer's various citygates having a daily contract quantity of 10,000 dt/d.
Term:	November 1, 2010 through October 31, 2011.
Structure:	Buyer would release the Transportation Asset to Seller effective for the Term, and such release would be executed at a zero demand charge and designated as an asset management transaction ("AMA") compliant with Order 712 (123 FERC 61,286 in Docket No. RM08-1-000). Buyer would be able to request delivery in any amount that is less than or equal to the daily contract quantity ("DCQ") of the Transportation Asset, which is equal to 10,000 dt/d as set forth in further detail herein.
Delivery Point(s):	The Delivery Point(s) for all gas sold to Buyer shall be the interconnects between AGT and the locations specified as the Primary Point(s) of Delivery for the Transportation Asset.

NARRAGANSETT ELECTRIC COMPANY

Page 2

Delivery Entitlements: Buyer shall take deliveries as specified in the attached Exhibit A.

Baseload Supplies: The price for Baseload Supplies shall be equal to the price posted as the "Index" for "Algonquin, citygate delivered" as published in *Inside FERC's Gas Market Report* for the month of delivery.

Daily Call Supplies: Should Buyer desire Daily Call Supplies for a particular Flow Date(s) as published by *Gas Daily*, Buyer shall notify Seller of its needs no later than 9:00 am EPT on the Transaction Date specified by *Gas Daily* that corresponds to the desired Flow Date(s). Daily Call Supplies shall be delivered in equal amounts during every day listed as a "Flow Date".

The price for Daily Call Supplies shall be equal to the price posted as the "Midpoint" in *Gas Daily* under the headings "Daily Price Survey" and "Citygates" for "Algonquin, citygates".

Supplemental Daily Call Supplies: Should Buyer desire Supplemental Daily Call Supplies for a particular Flow Date(s) as published by *Gas Daily*, Buyer shall notify Seller of its needs no later than 9:00 am EPT on the Transaction Date specified by *Gas Daily* that corresponds to the desired Flow Date(s). Supplemental Daily Call Supplies shall be delivered in equal amounts during every day listed as a "Flow Date".

The price for Supplemental Daily Call Supplies shall be equal to the price posted as the "Midpoint" in *Gas Daily* under the headings "Daily Price Survey" and "Citygates" for "Algonquin, citygates" [REDACTED]

Asset Management Premium: In consideration of the value available to Seller from this transaction, Seller shall pay Buyer [REDACTED]

Seller's rights: Seller shall have the right to serve Buyer's needs via the Transportation Asset or in any other manner deemed fit by Seller while ensuring that Buyer's needs are met on a firm basis. Further, Seller shall have the right to utilize the Transportation Asset to serve third-party markets at Seller's sole discretion.

NARRAGANSETT ELECTRIC COMPANY

Page 3

Qualification:

This proposal is not binding on either Buyer or Seller and is for discussion purposes only. Should Buyer or Seller enter into a transaction of any kind, the specific terms of such a transaction shall be subject to further negotiation and internal approvals, and set forth in definitive agreements.

This proposal is based on Seller's assessment of relevant market conditions at the time of presentation, and Seller reserves the right to alter the terms of the proposal at any time or withdraw it in its entirety at its sole option.

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The Narragansett Electric Company
d/b/a National Grid
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NARRAGANSETT ELECTRIC COMPANY

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EXHIBIT A

Month	Base-Load Supplies		Daily Call			Supplemental Daily Call		
	Maximum Daily Quantity	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity	Maximum Daily Quantity	Max. # of Days	Maximum Monthly Quantity
Nov	0	0	10,000	20	200,000	10,000	10	100,000
Dec	3,000	93,000	7,000	12	84,000	7,000	19	133,000
Jan	3,000	93,000	7,000	14	98,000	7,000	17	119,000
Feb	3,000	84,000	7,000	14	98,000	7,000	14	98,000
Mar	0	0	10,000	20	200,000	10,000	11	110,000
Apr	0	0	10,000	20	200,000	0	0	0
May	0	0	3,000	13	39,000	0	0	0
Jun	0	0	0	0	0	0	0	0
Jul	0	0	0	0	0	0	0	0
Aug	0	0	0	0	0	0	0	0
Sep	0	0	0	0	0	0	0	0
Oct	0	0	10,000	20	200,000	0	0	0

Culliford, Nancy G. (Marketing)

From: Robert.J.Moore@shell.com

Sent: Monday, October 18, 2010 8:53 AM

To: Allocca, John E. (Marketing); Arangio, Elizabeth C. (Marketing); Culliford, Nancy G. (Marketing); Prag, Janet A. (Marketing)

Subject: The Narragansett Electric Company "East to West" Algonquin AMA

Good Morning National Grid – I wanted to let you know that Shell Energy will not be able to provide an offer on your opportunity this morning. With the status of LNG deliveries in the area being unknown at this time and the limited flow direction of the transport capacity, this would not be a good fit for our capabilities at this time.

Please keep us in mind for this and other opportunities as they become available.

With regards,

Robert J. Moore

Director, Utilities Marketing

Shell Energy North America (US), L.P.

Two Houston Center | 909 Fannin St. | Houston, TX | 77010 |

Office | 713 | 767 | 5315

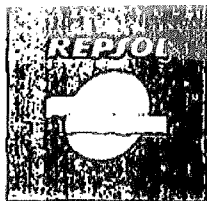
Cell | 832 | 475 | 0064

Email | robert.j.moore@shell.com

AOL IM | rmoorestgp

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The Narragansett Electric Company
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Issued on September 28, 2011
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nationalgrid
The power of connection

NATURAL GAS TRANSACTION CONFIRMATION

Effective for Delivery Period: November 1, 2010 – October 31, 2011

Buyer:	The Narragansett Electric Company dba National Grid 100 East Old Country Rd. Hicksville, NY 11801	Seller:	Repsol Energy North America Corporation 2001 Timberloch Place, Suite 3000 The Woodlands, TX 77380
---------------	--	----------------	--

This Transaction Confirmation is for an Asset Management Agreement between Repsol Energy North America Corporation ("RENA") and The Narragansett Electric Company, dba National Grid ("Narragansett") for certain natural gas transportation contracts held by Narragansett and is provided in accordance with the NAESB Base Contract for Sale and Purchase of Natural Gas between Narragansett and RENA dated September 1, 2009 (the "Base Contract") and therefore constitutes a part of and includes all General Terms and Conditions and Special Provisions set forth in the Base Contract.

1. **Special Conditions.** In consideration of the mutual performance obligations of Narragansett and RENA as set forth herein, Narragansett and RENA agree as follows:

- a. **Released Assets.** Narragansett shall release firm capacity totaling 10,000 dt/d (the "Released DCQ") to RENA as described herein and warrants that Narragansett owns the assets and has authority to effectuate such a release¹:

Algonquin Gas Transmission, LLC ("AGT") Rate Schedule AFT-1, contract 510511-R1 from Salem, MA (00215) to Warren, RI (00012), Portsmouth, RI (00013), Tiverton, RI (00033) and Montville, CT (00059).

¹ RENA shall only be obligated to make Firm deliveries to a specific meter equal to the primary delivery capacity actually released by Narragansett to RENA.



2914

NATURAL GAS TRANSACTION CONFIRMATION

November 1, 2010

Repsol Energy North America Corporation to Narragansett Natural Gas, Inc. dba National Grid

RENA may utilize these Released Assets for its account as it sees fit in its sole reasonable opinion. The capacity release transactions shall be made at zero demand charge and in effect from November 1, 2010 through October 31, 2011 (the "Delivery Period") and shall be made in accordance with all applicable FERC rules and regulations and effectuated via pipeline capacity release programs. Any demand charge liability incurred by RENA as a result of such releases shall be netted against payments that would otherwise be made to Narragansett by RENA.

- b. **Daily Supply Services.** Narragansett shall have the right to request daily delivery, and RENA shall be obligated to make delivery at the Delivery Point(s)² as follows:

<u>Month</u>	<u>Daily Supplies (dt/d)</u>	<u>Maximum Monthly Obligation (dt)</u>
November 2010	10,000	200,000
December 2010	7,000	84,000
January 2011	7,000	98,000
February 2011	7,000	98,000
March 2011	10,000	200,000
April 2011	10,000	200,000
May 2011	3,000	39,000
June 2011	0	0
July 2011	0	0
August 2011	0	0
September 2011	0	0
October 2011	10,000	200,000

Narragansett shall request such Daily Supply Services by notifying RENA in a timely manner on the appropriate Transaction Date. "Transaction Date" shall be the relevant day(s) published in Platt's *Gas Daily* as "Transaction Date" under the heading "Daily Price Survey". Narragansett shall notify RENA by 8:00 a.m. CPT on the Transaction Date of its requested deliveries for the "Flow Date(s)", as similarly published, and Narragansett shall take such deliveries in an equal amount for each Flow Date. The Contract Price for Daily Supplies shall be equal to the price posted as the "Midpoint" in *Gas Daily* under the headings "Daily Price Survey" and "City-gates" for "Algonquin, citygates".

² Warren (00012), Portsmouth (00013), Tiverton (00033) and Montville (00059) shall collectively be termed the Delivery Point(s).

NATURAL GAS TRANSACTION CONFIRMATION

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Repsol Energy North America Corporation to Narragansett Natural Gas, Inc. dba National Grid

Should Narragansett require different deliveries for a particular Flow Date, the Contract Price for such deliveries would be priced as mutually agreed between Narragansett and RENA.

- c. **Baseload Supply Services:** RENA shall make baseload deliveries to Narragansett at the Delivery Point(s) as follows:

<u>Month</u>	<u>Baseload Supplies (dt/d)</u>	<u>Maximum Monthly Obligation (dt)</u>
November 2010	0	0
December 2010	3,000	93,000
January 2011	3,000	93,000
February 2011	3,000	84,000
March 2011	0	0
April 2011	0	0
May 2011	0	0
June 2011	0	0
July 2011	0	0
August 2011	0	0
September 2011	0	0
October 2011	0	0

The Contract Price for Baseload Supply Services shall be equal to the price posted as the "Index" for "Algonquin, citygate delivered" as published in *Inside FERC's Gas Market Report* for the month of delivery.

- d. **Optional Daily Supply Services.** Between November 1, 2010 and March 31, 2011, Narragansett shall have the right to request optional daily delivery, and RENA shall be obligated to make delivery at the Delivery Point(s) as follows:

<u>Month</u>	<u>Optional Daily Supplies (dt/d)</u>	<u>Maximum Monthly Obligation (dt)</u>
November 2010	10,000	100,000
December 2010	7,000	133,000
January 2011	7,000	119,000
February 2011	7,000	98,000
March 2011	10,000	110,000

Narragansett shall request such Optional Daily Supply Services by notifying RENA in a timely manner on the appropriate Transaction Date. "Transaction Date" shall be the relevant day(s) published in *Platt's Gas Daily* as "Transaction Date" under the heading

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"Daily Price Survey". Narragansett shall notify RENA by 8:00 a.m. CPT on the Transaction Date of its requested deliveries for the "Flow Date(s)", as similarly published, and Narragansett shall take such deliveries in an equal amount for each Flow Date. The Contract Price for Daily Supplies shall be equal to the price posted as the "Midpoint" in Gas Daily under the headings "Daily Price Survey" and "Others" for "Dracut, Mass." [REDACTED]

e. **Delivery obligations.** The total deliveries to Narragansett under all Supply Services shall not exceed the Released DCQ on any day. RENA shall have no obligation to make deliveries at locations other than the Delivery Point(s).

f. **Payment obligations.** RENA shall pay to Narragansett an amount [REDACTED]

Payments due from either party to the other shall be netted and an invoice for the new amount issued by RENA. Payment terms shall be as set forth in the Base Contract.

2. **Asset Management Arrangement.** It is the intention of the parties to structure this transaction as an Asset Management Arrangement ("AMA") as defined by the Federal Energy Regulatory Commission ("FERC") in Order 712 (as modified and clarified) and in accordance with FERC's rules and regulations. If it is determined that this transaction does not constitute an AMA, the parties agree to modify the transaction as required while maintaining, to the extent possible, the economics of the transaction.

3. **Notices.** Notices pertaining to this transaction regarding Narragansett shall be delivered to:

Contract Administration
The Narragansett Electric Company
dba National Grid
100 Old Country Rd.
Hicksville, NY 11801
Phone: 516-545-6068
Fax: 516-545-5466

REDACTED

The Narragansett Electric Company
d/b/a National Grid
Docket No. 4283
2011 Gas Cost Recovery Filing
Responses to Division Data Requests (Set 1)
DIV 1-11 Attachment 5 Redacted
Issued on September 28, 2011
Page 5 of 6

NATURAL GAS TRANSACTION CONFIRMATION

November 1, 2010

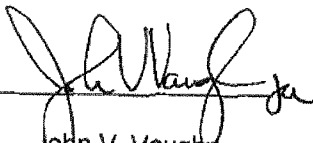
Repsol Energy North America Corporation to Narragansett Natural Gas, Inc. dba National Grid


Notices pertaining to this transaction regarding RENA shall be delivered to:

Craig Adams
Repsol Energy North America Corporation
2001 Timberloch Place, Suite 3000
The Woodlands, TX 77380
Phone: 281 863-1613
Fax: 281-297-1050
Email: craig.adams@repsol.com

**THE NARRAGANSETT ELECTRIC
COMPANY
DBA NATIONAL GRID**

**REPSOL ENERGY NORTH AMERICA
CORPORATION**

By: 
Name: John V. Vaughn
Title: Authorized Signatory
Date: 10/27/10

By: 
Name: Phillip B. Ribbeck
Title: President
Date: 10/26/2010



REDACTED

Amendment ID #
LTD CONTRACT ID # 2470

Amendment No. 1 to Natural Gas Transaction Confirmation

This Amendment No. 1 is made and entered into by and between The Narragansett Electric Company dba National Grid ("Narragansett") and Repsol Energy North America Corporation ("RENA") (the "Amendment").

WHEREAS, Narragansett and RENA entered into that certain Natural Gas Transaction Confirmation ("Confirmation") covering the Delivery Period of November 1, 2010 through October 31, 2011; and

WHEREAS, the parties hereto desire to amend the Confirmation in order to correct it as provided herein.

NOW THEREFORE, for and in consideration of the agreements herein made and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. **Paragraph 1(d), Optional Daily Supply**, shall be amended and restated as follows in order to correct the last sentence of this paragraph to include wording that reflects the terms agreed upon by the parties hereto in Narragansett's Request For Proposals dated October 7, 2010.

"Narragansett shall request such Optional Daily Supply Services by notifying RENA in a timely manner on the appropriate Transaction Date. "Transaction Date" shall be the relevant day(s) published in Platt's *Gas Daily* as "Transaction Date" under the heading "Daily Price Survey". Narragansett shall notify RENA by 8:00 a.m. CPT on the Transaction Date of its requested deliveries for the "Flow Date(s)", as similarly published, and Narragansett shall take such deliveries in an equal amount for each Flow Date. The Contract Price for Daily Supplies shall be equal to the price posted as the "Midpoint" in Gas Daily under the headings "Daily Price Survey" and "Citygates" for "Algonquin, citygates" plus [REDACTED]

2. The terms and conditions of the Confirmation, as hereby amended, are hereby ratified, confirmed and approved.
3. This Amendment Agreement is binding upon and inures to the benefit of the parties, their successors and permitted assignees.
4. Except as amended hereby, all other terms and conditions of the Confirmation shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment in multiple originals to be effective on November 1, 2010.

The Narragansett Electric Company dba
National Grid

By: _____

Name: John V. Vaughn

Authorized Signatory

Title: _____

Repsol Energy North America Corporation

By: _____

Name: Vince Morrisette

Vice President

Title: _____



Division 1-12

Redacted

Request:

Re: the Direct Testimony of witness Arangio at page 13, lines 3-5, please:

- a. Document the amount of the referenced “optimization fee” and all payments received from the Seller relating to that fee;
- b. Explain and document the manner in which dollar amounts received as part of the “optimization fee” are reflected in the Company’s filing in this proceeding;
- c. Document and explain the manner in which the referenced “optimization fee” is reflected in the Company’s NGPMP incentive calculations.

Response:

- a. The referenced optimization fee is paid to the company in twelve (12) monthly installments of \$_____ for the November 2010 to October 2011 time period for a total of \$_____. The payments are made by Repsol North America to the company. Please see response to Division 1-11(e) for further detail.
- b. The optimization fee is included in the calculation of the annual Total Realized and Unrealized Value under the NGPMP. The customer’s share of the annual Total Realized and Unrealized Value is listed as the NGPMP Credits in the GCR filing at page 97 of 119 and adjusted in the August Deferred Report as the NGPMP Credits, page 4 of 12.
- c. The optimization fee is included as revenue as part of the Total Realized and Unrealized Value in the Annual NGPMP report filed each June. The optimization fee is included in each month’s revenue calculation in Attachment 2, Flowing Transaction Deal. It is included in the Capacity Release OSS line item on pages 56 of 81, 62 of 81, 68 of 81, 74 of 81 and 81 of 81 of Attachment 2, Docket 4038 of the Annual NGMP Report attached here as Attachment 1-12.

Prepared by or under the supervision of: Stephen A. Mc Cauley

Attachment DIV 1-12

This attachment is 162 pages.
Due to the voluminous nature of this file, the Company is providing the
Attachment DIV 1-12 on CD-ROM.

Division 1-13

Request:

Re: the Direct Testimony of witness Arangio at page 14, lines 9-10, please:

- a. Indicate whether the reference to a “similar arrangement” refers to the “dedicated trucking arrangement” or the FLS agreement;
- b. Provide a copy of the agreement(s) that constitute the Company’s “dedicated trucking arrangement” for the 2010-11 peak season.

Response:

- a. The reference to a “similar arrangement” refers to both the dedicated trucking arrangement and the FLS agreement.
- b. Provided as DIV 1-13 (b) Attachment A Redacted, please find the redacted version of the L.P Transportation Incorporated dedicated trucking agreement. Also, provided as DIV 1-13 (b) Attachment B Redacted, please find the redacted version of the Transgas Incorporated dedicated trucking agreement.

Prepared by or under the supervision of: Elizabeth D. Arangio

Attachments DIV 1-13 A & B

The electronic version of both these attachments total 16MB

The Company is providing Attachments DIV 1-13 A & B on CD-ROM.

Division 1-14

Request:

Re: the Direct Testimony of witness Arangio at pages 14-15, please:

- a. Provide an update of the status of the Tennessee settlement;
- b. Provide a modified version of Attachment EDA-1 which reflects the terms of the proposed settlement;
- c. Indicate the extent to which the Company expects that the Tennessee settlement would affect its distribution of costs between demand-related and commodity-related charges.

Response:

- a. Tennessee Gas Pipeline ("TGP"), FERC Staff, State Regulators and pipeline customers reached an agreement in principle on August 17, 2011. Highlights of the "Blackbox" settlement in principle are:
 - TGP Cost of Service \$855M (filed case \$1.1B)
 - Rate design : Straight Fixed Variable zones 0 - 3, non-SFV zones 4 -6
 - Revenue sharing: Excess revenue shared 75% customers, 25% TGP above revenue target , no downside risk to customers
 - Rate moratorium through April 01, 2014 (rate stability)
 - TGP to make a filing and support secondary in path (SIP) proposal provided by NCG (access to Marcellus supply under existing contracts at higher reliability)
 - TGP will withdraw storage cycling proposal
 - Contract extensions to October 31, 2014
 - All parties participated in drafting and commenting on the settlement document. TGP filed the settlement at FERC on October 01, 2011.
- b. The Company will provide the modified version of EDA-1, reflected the terms of the proposed settlement as soon as practicable.
- c. Under TGP's initial filed rates, the Company's total annual rates were expected to increase more than 35% between both fixed and variable costs. Under the TGP settlement, the estimated annual increase is expected to be less than 20% with lower demand rates and slightly higher variable rates. Overall, the settlement reflects a reduction in total annual costs from the filed rates.