

October 20, 2022

VIA HAND DELIVERY & ELECTRONIC MAIL

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

Re: **Docket No. 22-20-NG (2022 Annual Gas Cost Recovery Filing) (“GCR”)**
Docket No. 22-13-NG (2022 Distribution Adjustment Charge Filing) (“DAC”)

Dear Ms. Massaro:

As indicated in Rhode Island Energy’s¹ October 7, 2022 correspondence regarding the referenced dockets, and at the hearing held before the Public Utilities Commission (the “Commission”) on October 11, 2022, Rhode Island Energy has updated certain attachments to prefiled testimony in the referenced dockets.

With respect to prefiled direct testimony submitted in Docket No. 22-20-NG, the Company has enclosed the following:

- Attachments GSP-1 Revised and GSP-2 Revised to the Joint Direct Testimony of Gas Supply Panel dated September 1, 2022;
- Attachments PRB-1 Revised, PRB-3 Revised, PRB-4 Revised and PRB-5 Revised to the Direct Testimony of Peter R. Blazunas dated September 1, 2022; and
- Attachment EPM-5 Revised to the Direct Testimony of Energy Portfolio Management Panel, John M. Protano and Stephen D. Longo dated September 1, 2022.

With respect to prefiled direct testimony submitted in Docket No. 22-13-NG, the Company has enclosed the following:

¹ The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”).

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- Schedule PRB-1S Revised and Schedule PRB-12S Revised to the Supplemental Testimony and Schedules of Peter R. Blazunas dated September 1, 2022.

These revised attachments reflect updates to the Company's GCR and DAC filings resulting from the decrease in NYMEX prices from the August 5, 2022 reference date used to calculate the initially proposed GCR and DAC factors to October 3, 2022.² This recalculation has led to a reduction in the Company's forecasted gas costs of \$4,711,368 for the period from November 1, 2022 to October 31, 2023, net of financial hedge impacts³—a reduction of 2.6%. A summary of the Company's total forecasted gas supply costs for this period can be found in Attachment GSP-1 Revised.

As a result of this reduction in forecasted gas costs, the Company has revised its proposed GCR factors and certain DAC components that are affected by the reduction in commodity prices used in their calculation. The resulting updated proposed GCR and DAC factors, which are the same as those set forth in the Company's October 7, 2022 correspondence, are as follows:

Factor	RIPUC Docket No.	As-Filed (NYMEX: 8/5/2022)	Update (NYMEX: 10/3/2022)	Difference (\$)	Difference (%)
GCR Charge - High Load (\$ per therm)	GCR (22-20-NG)	0.6315	0.6136	\$ (0.0179)	-2.8%
GCR Charge - Low Load (\$ per therm)	GCR (22-20-NG)	0.7009	0.6831	\$ (0.0178)	-2.5%
FT-2 Demand (\$ per MDCQ Dth)	GCR (22-20-NG)	14.8192	14.8234	\$ 0.0042	0.0%
FT-1 TSS (\$ per therm)	GCR (22-20-NG)	0.1168	0.1169	\$ 0.0001	0.1%
Res-NH - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3716	0.3713	\$ (0.0003)	-0.1%
Res-NH-LI - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3475	0.3475	\$ -	0.0%
Res-H - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3716	0.3713	\$ (0.0003)	-0.1%
Res-H-LI - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3475	0.3475	\$ -	0.0%
Small - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3805	0.3802	\$ (0.0003)	-0.1%
Medium - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.3249	0.3246	\$ (0.0003)	-0.1%
Large LL - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.2956	0.2954	\$ (0.0002)	-0.1%
Large HL - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.2884	0.2882	\$ (0.0002)	-0.1%
XL-LI - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.2602	0.2600	\$ (0.0002)	-0.1%
XL-HL - DAC Factor (\$ per therm)	DAC (22-13-NG)	0.2394	0.2392	\$ (0.0002)	-0.1%

² For comparison, the August 3, 2022 NYMEX prices are set forth in Attachment GSP-2 and the lower October 3, 2022 NYMEX prices are set forth in Attachment GSP-2 Revised.

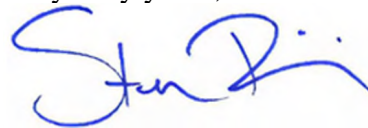
³ The financial hedging impact using NYMEX prices as of August 5, 2022 and October 3, 2022 can be found in Attachments EPM-5 and EPM-5 Revised respectively.

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This filing also contains a Motion for Protective Treatment of Confidential Information in accordance with Rule 810-RICR-00-00-1.3(H) of the Public Utilities Commission's Rules of Practice and Procedure and R.I. Gen. Laws § 38-2-2(4)(B). Rhode Island Energy seeks protection from public disclosure certain confidential gas pricing information and contract terms which are provided in Attachment GSP-1 Revised and Attachments PRB-1 Revised and PRB-5 Revised. Accordingly, Rhode Island Energy has provided the Commission with two complete unredacted copies of confidential materials in a sealed envelope marked "**Contains Privileged and Confidential Materials – Do Not Release**" and has included redacted copies of the materials for the public filing.

Thank you for your attention to this matter. If you have any questions, please contact me at (401) 709-3359.

Very truly yours,



Steven J. Boyajian

Copy to: Docket No. 22-20-NG Service List
Docket No. 22-13-NG Service List

Certificate of Service

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

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



Heidi J. Seddon

October 20, 2022

Date

**Docket No. 22-20-NG – The Narragansett Electric Co. d/b/a Rhode Island Energy – 2022 Annual Gas Cost Recovery Filing (GCR)
Service List as of 10/5/22**

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Certificate of Service

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

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



Heidi J. Seddon

October 20, 2022

Date

**Docket No. 22-13-NG – Narragansett Electric Co. d/b/a RI Energy – 2022
Annual Distribution Adjustment Charge Filing (DAC) –
Service List as of 9/20/22**

Name/Address	E-mail	Phone
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STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
RHODE ISLAND PUBLIC UTILITIES COMMISSION

_____)
)
Annual Gas Cost Recovery Filing)
2022)
_____)

Docket No. 22-20-NG

**MOTION OF THE NARRAGANSETT ELECTRIC
COMPANY D/B/A RHODE ISLAND ENERGY FOR PROTECTIVE
TREATMENT OF CONFIDENTIAL INFORMATION**

Rhode Island Energy¹ respectfully requests that the Rhode Island Public Utilities Commission (PUC) grant protection from public disclosure certain confidential, competitively sensitive, and proprietary information submitted in this proceeding, as permitted by 810-RICR-00-00-1.3(H) (Rule 1.3(H)) of the PUC’s Rules of Practice and Procedure and R.I. Gen. Laws § 38-2-2(4)(B). The Company also respectfully requests that, pending entry of that finding, the PUC preliminarily grant the Company’s request for confidential treatment pursuant to Rule 1.3(H)(2).

I. BACKGROUND

On September 1, 2022, the Company submitted its 2022 Annual Gas Cost Recovery (GCR) filing in the above-captioned docket. The GCR filing included confidential gas cost pricing information, contract terms and counter-party identities which were provided in (1) Attachment GSP-1 to the pre-filed joint direct testimony of the Elizabeth D. Arangio and Samara A. Jaffe, referred to as the Gas Supply Panel; (2) Attachments PRB-1, PRB -2, and PRB -5 to the pre-filed direct testimony of Peter R. Blazunas; and (3) Attachment EPM-4 to the pre-filed direct

¹ The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”).

testimony of John M. Protano and Stephen D. Longo, referred to as the Energy Portfolio Management Panel.² The Company's September 1, 2022 Motion for Protective Treatment was granted by vote of the Commission on October 11, 2022.

As indicated in the Company's October 7, 2022 correspondence to the Commission, and at the October 11, 2022 hearing in this docket, the Company has updated certain confidential attachments to the testimony of the Gas Supply Panel and Mr. Blazunas to account for a change in NYMEX prices from those used in the Company's GCR filing. Specifically, on October 20, 2022, the Company submitted the following updates to the attachments that were the subject of the Company's September 1 Motion for Protective Treatment: GSP-1 Revised, PRB-1 Revised and PRB-5 Revised (collectively, the "Revised Confidential Attachments"). The Revised Confidential Attachments contain the same type of confidential commercial information that was contained in the Company's September 1, 2022 filing for which the Commission previously granted protective treatment. In accordance with Rule 1.3(H)(3), Rhode Island Energy has provided redacted public versions of the Revised Confidential Attachments and unredacted, confidential versions.

Therefore, the Company requests that, pursuant to Rule 1.3(H), the PUC afford confidential treatment to the gas cost pricing information, contract terms and counter-party identities contained in the Revised Confidential Attachments.

II. LEGAL STANDARD

Rule 1.3(H) provides that access to public records shall be granted in accordance with the Access to Public Records Act (APRA), R.I. Gen. Laws § 38-2-1, *et seq.* Under the APRA, all

² Attachment EPM-4 consists of the Company's Natural Gas Portfolio Management Plan report for the period from April 1, 2020 to March 31, 2021. This report was filed with the PUC on June 2, 2022 subject to a separate motion for protective treatment.

documents and materials submitted in connection with the transaction of official business by an agency is deemed to be a “public record,” unless the information contained in such documents and materials falls within one of the exceptions specifically identified in R.I. Gen. Laws § 38-2-2(4). To the extent that information provided to the PUC falls within one of the designated exceptions to the public records law, the PUC has the authority under the terms of APRA to deem such information as confidential and to protect that information from public disclosure.

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

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

The Rhode Island Supreme Court has held that this confidential information exemption applies where the disclosure of information would be likely either (1) to impair the government’s ability to obtain necessary information in the future; or (2) to cause substantial harm to the competitive position of the person from whom the information was obtained. *Providence Journal*, 774 A.2d 40 (R.I. 2001).

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

III. BASIS FOR CONFIDENTIALITY

The gas cost pricing information, confidential contract terms and counter-party identities– which are provided in the Revised Confidential Attachments – are confidential and privileged information of the type that Rhode Island Energy would not ordinarily make public. As such, the information should be protected from public disclosure. Public disclosure of such information could impair Rhode Island Energy’s ability to obtain advantageous pricing or other

terms in the future, thereby causing substantial competitive harm. Accordingly, Rhode Island Energy is providing the information on a voluntary basis to assist the PUC with its decision-making in this proceeding, but respectfully requests that the PUC provide confidential treatment to the information.

IV. CONCLUSION

For the foregoing reasons, Rhode Island Energy respectfully requests that the PUC grant its Motion for Protective Treatment of Confidential Information.

Respectfully submitted,

**THE NARRAGANSETT ELECTRIC
COMPANY d/b/a RHODE ISLAND ENERGY**

By its attorneys,



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-and-



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Dated: October 20, 2022

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-13-NG
JOINT DIRECT DESTIMONY OF GAS SUPPLY PANEL**

Attachment GSP-1 Revised

Summary of Projected Gas Costs

REDACTED

Redacted
Page 4 of 17

	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
TOTAL DC+CC	\$ 22,436	\$ 50,512	\$ 54,855	\$ 50,700	\$ 47,538	\$ 17,992	\$ 15,112	\$ 13,760	\$ 12,183	\$ 12,545	\$ 12,879	\$ 15,598	\$ 326,110
LESS:													
Liquefaction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 815	\$ 802	\$ 771	\$ 810	\$ 810	\$ 701	\$ 455	\$ 5,165
LNG Truck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 281	\$ 1,619	\$ 1,933	\$ 1,195	\$ 1,736	\$ 1,532	\$ 1,498	\$ -
AGT Storage Refill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 197	\$ 1,163	\$ 1,101	\$ 678	\$ 411	\$ 907	\$ 916	\$ 9,793
TGP Storage Refill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,372
Total Liquefaction & Storage													\$ 20,330
TOTAL GAS COST													\$ 305,779
Commodity to Sendout													\$ 146,155
Days/month	30	31	31	28	31	30	31	30	31	31	30	31	365
Unit Commodity Cost (\$/MMBtu)	\$5.445	\$5.802	\$5.546	\$5.436	\$5.591	\$4.338	\$3.948	\$3.915	\$4.015	\$3.995	\$3.433	\$3.491	\$5.129
NYMEX (10/03/2022)	\$6.470	\$6.803	\$6.989	\$6.715	\$5.945	\$4.840	\$4.735	\$4.805	\$4.875	\$4.886	\$4.854	\$4.929	

REDACTED

The Narragansett Electric Company
Gas Commodity Costs
Normal Year

Commodity Cost (\$000)	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	Grand Total
AGT Citygate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AIM at Ramapo	\$ 43.89	\$ -	\$ -	\$ -	\$ 131.79	\$ 89.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16.10	\$ 281.4
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dawn via IGTS	\$ -	\$ 33.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33.1
Dawn via PNGTS	\$ 124.45	\$ 1,406.01	\$ 617.97	\$ -	\$ 430.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,579.1
Dominion SP	\$ 86.19	\$ 99.55	\$ 103.17	\$ 90.83	\$ 88.86	\$ 66.71	\$ 18.15	\$ 2.28	\$ -	\$ -	\$ 3.48	\$ 53.14	\$ 612.4
Dracut Supply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Millennium	\$ 1,174.37	\$ 1,356.30	\$ 1,405.66	\$ 1,237.55	\$ 1,210.75	\$ 908.96	\$ 851.61	\$ 821.91	\$ 863.14	\$ 860.60	\$ 710.74	\$ 724.05	\$ 12,125.6
Niagara	\$ 179.42	\$ 207.20	\$ 210.42	\$ 91.95	\$ 37.28	\$ 119.36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 845.6
TCO Appalachia	\$ 2,593.33	\$ 6,222.25	\$ 6,515.52	\$ 5,694.19	\$ 5,549.57	\$ 367.75	\$ 20.06	\$ 191.76	\$ 198.31	\$ 197.43	\$ 118.17	\$ 64.48	\$ 27,732.8
Tetco M3	\$ 361.06	\$ -	\$ -	\$ -	\$ 1,838.64	\$ 6,733.33	\$ 481.30	\$ -	\$ -	\$ -	\$ 43.12	\$ 1,591.63	\$ 11,049.1
Transco Leidy	\$ 55.90	\$ 139.54	\$ 240.51	\$ 211.50	\$ 141.94	\$ 10.61	\$ 8.22	\$ 7.89	\$ 8.30	\$ 8.37	\$ 6.88	\$ 77.17	\$ 916.8
Waddington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tetco M2 CDS	\$ 6,013.93	\$ 6,595.57	\$ 6,645.69	\$ 6,057.75	\$ 5,725.22	\$ 275.03	\$ 4,037.75	\$ 3,429.72	\$ 2,324.13	\$ 2,920.62	\$ 2,937.37	\$ 3,507.12	\$ 50,469.9
Tetco M2 SCT	\$ -	\$ -	\$ -	\$ -	\$ 58.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58.0
TGP Z4 Cnx	\$ 1,042.57	\$ 1,810.06	\$ 1,922.13	\$ 1,690.42	\$ 1,644.01	\$ 1,102.50	\$ 1,212.68	\$ 1,159.21	\$ 1,209.24	\$ 964.09	\$ 1,015.10	\$ 1,044.19	\$ 15,816.2
TGP Z4 LH	\$ 1,120.92	\$ 2,285.45	\$ 4,318.57	\$ 3,888.35	\$ 2,540.58	\$ 743.75	\$ 817.91	\$ 535.84	\$ -	\$ -	\$ 433.60	\$ 928.51	\$ 17,613.5
Proposed Summer Refill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beverly	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total	\$ 12,796.03	\$ 20,155.04	\$ 21,979.64	\$ 18,962.53	\$ 19,397.36	\$ 10,417.61	\$ 7,447.68	\$ 6,148.61	\$ 4,603.12	\$ 4,951.11	\$ 5,268.46	\$ 8,006.39	\$ 140,133.6

Unit Cost (\$/Dth)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Weighted Average
AGT Citygate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AIM at Ramapo	\$ 5.95	\$ -	\$ -	\$ -	\$ 6.16	\$ 4.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.51	\$ 5.2
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dawn via IGTS	\$ -	\$ 6.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.5
Dawn via PNGTS	\$ 5.98	\$ 6.46	\$ 6.77	\$ -	\$ 6.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.5
Dominion SP	\$ 5.26	\$ 5.88	\$ 6.09	\$ 5.94	\$ 5.25	\$ 4.07	\$ 3.69	\$ 3.68	\$ -	\$ -	\$ 3.18	\$ 3.14	\$ 5.0
Dracut Supply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Everett Long-Term	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Everett Swing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Millennium	\$ 5.26	\$ 5.88	\$ 6.09	\$ 5.94	\$ 5.25	\$ 4.07	\$ 3.69	\$ 3.68	\$ 3.74	\$ 3.73	\$ 3.18	\$ 3.14	\$ 4.5
Niagara	\$ 5.54	\$ 6.20	\$ 6.50	\$ 6.50	\$ 5.95	\$ 4.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.8
TCO Appalachia	\$ 5.53	\$ 6.07	\$ 6.35	\$ 6.15	\$ 5.41	\$ 4.19	\$ 3.94	\$ 3.85	\$ 3.85	\$ 3.83	\$ 3.62	\$ 3.58	\$ 5.82
Tetco M3	\$ 5.96	\$ -	\$ -	\$ -	\$ 6.16	\$ 4.21	\$ 3.84	\$ -	\$ -	\$ -	\$ 3.43	\$ 3.51	\$ 4.33
Transco Leidy	\$ 5.37	\$ 5.96	\$ 6.22	\$ 6.05	\$ 5.27	\$ 4.01	\$ 3.62	\$ 3.58	\$ 3.65	\$ 3.68	\$ 3.14	\$ 3.14	\$ 5.30
Waddington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tetco M2 CDS	\$ 5.35	\$ 6.03	\$ 6.37	\$ 6.18	\$ 5.38	\$ 4.05	\$ 3.62	\$ 3.58	\$ 3.68	\$ 3.64	\$ 3.07	\$ 3.11	\$ 4.60
Tetco M2 SCT	\$ -	\$ -	\$ -	\$ -	\$ 5.38	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.38
TGP Z4 Cnx	\$ 5.66	\$ 6.28	\$ 6.48	\$ 6.31	\$ 5.54	\$ 4.33	\$ 4.09	\$ 4.04	\$ 4.14	\$ 4.17	\$ 3.54	\$ 3.52	\$ 4.82
TGP Z4 LH	\$ 5.66	\$ 6.28	\$ 6.48	\$ 6.31	\$ 5.54	\$ 4.33	\$ 4.09	\$ 4.04	\$ -	\$ -	\$ 3.54	\$ 3.52	\$ 5.52
Proposed Summer Refill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beverly	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Weighted Average	\$ 5.45	\$ 5.95	\$ 5.59	\$ 5.46	\$ 5.50	\$ 4.21	\$ 3.76	\$ 3.72	\$ 3.81	\$ 3.76	\$ 3.22	\$ 3.29	\$ 4.77

REDACTED

The Narragansett Electric Company
Gas Commodity Costs
Normal Year


Commodity to Injections (\$000)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Grand Total
AGT Citygate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AIM at Ramapo	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dawn via IGTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dawn via PNGTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Dominion SP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16.4	\$ 63.8
Dracut Supply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Everett Long-Term	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Everett Swing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Millennium	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 168.7	\$ 103.2	\$ 134.9	\$ 134.4	\$ 171.9	\$ 126.9	\$ 26.2	\$ 866.2
Niagara	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TCO Appalachia	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20.1	\$ 191.8	\$ 198.3	\$ 197.4	\$ 118.2	\$ 64.5	\$ 790.2
Tetco M3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109.4
Transco Leidy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.9	\$ 5.2	\$ 3.6	\$ 4.6	\$ 5.9	\$ 3.4	\$ 1.3	\$ 29.9
Waddington	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tetco M2 CDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 275.0	\$ 1,757.0	\$ 1,853.4	\$ 1,141.5	\$ 1,632.3	\$ 1,499.2	\$ 1,445.2	\$ 9,603.6
Tetco M2 SCT	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TGP Z4 Cnx	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 458.2	\$ 718.9	\$ 804.5	\$ 939.4	\$ 674.9	\$ 687.9	\$ 543.9	\$ 4,827.7
TGP Z4 LH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 693.6	\$ 535.8	\$ -	\$ -	\$ 428.1	\$ 586.6	\$ 2,244.1
Proposed Summer Refill	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Beverly	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
[REDACTED]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,064.6	\$ 3,297.8	\$ 3,524.0	\$ 2,418.2	\$ 2,682.5	\$ 2,863.6	\$ 2,684.1	\$ 18,534.9

REDACTED

The Narragansett Electric Company
Storage Variable Costs
Normal Year
(\$000)

Storage Costs													
	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	Grand Total
Columbia FSS	\$ -	\$ 0.9	\$ 1.2	\$ 0.7	\$ 0.2	\$ -	\$ 0.1	\$ 0.7	\$ 0.8	\$ 0.8	\$ 0.5	\$ 0.3	\$ 6.2
Dominion GSS	\$ 3.2	\$ 7.4	\$ 5.7	\$ 6.2	\$ 4.1	\$ 3.1	\$ 6.4	\$ 6.0	\$ 5.9	\$ 5.6	\$ 5.1	\$ 5.0	\$ 63.5
Dominion GSSTE	\$ 4.4	\$ 4.6	\$ 4.6	\$ 4.1	\$ 4.6	\$ -	\$ 5.4	\$ 7.3	\$ -	\$ 5.0	\$ 6.6	\$ 6.5	\$ 53.0
Providence LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tennessee FSMA	\$ -	\$ 1.2	\$ 2.4	\$ 1.6	\$ 1.1	\$ -	\$ 1.5	\$ 1.4	\$ 0.5	\$ -	\$ 1.4	\$ 1.5	\$ 12.5
Tetco FSS1	\$ 0.5	\$ 0.7	\$ 0.7	\$ 0.7	\$ -	\$ 0.1	\$ 0.4	\$ 0.4	\$ 0.4	\$ 0.4	\$ 0.4	\$ 0.4	\$ 5.1
Tetco SS1	\$ 22.0	\$ 29.8	\$ 28.7	\$ 28.7	\$ -	\$ 1.1	\$ 9.2	\$ 9.0	\$ 8.9	\$ 9.3	\$ 9.0	\$ 9.3	\$ 164.9
Exeter LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grand Total	\$ 30.1	\$ 44.5	\$ 43.1	\$ 42.0	\$ 10.0	\$ 4.3	\$ 23.0	\$ 24.9	\$ 16.5	\$ 21.0	\$ 23.0	\$ 22.9	\$ 305.2

Withdrawal Value													
	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	Grand Total
Columbia FSS	\$ -	\$ 267.0	\$ 367.9	\$ 229.4	\$ 71.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 936.0
Dominion GSS	\$ 553.5	\$ 1,278.5	\$ 975.7	\$ 1,071.7	\$ 709.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,589.0
Dominion GSSTE	\$ 673.2	\$ 695.6	\$ 695.6	\$ 628.3	\$ 695.6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,388.4
Exeter LNG	\$ 38.3	\$ 39.6	\$ 944.0	\$ 35.7	\$ 39.6	\$ 37.7	\$ 39.7	\$ 38.3	\$ 39.5	\$ 39.5	\$ 37.1	\$ 37.0	\$ 1,365.8
Providence LNG	\$ 73.3	\$ 116.0	\$ 1,365.9	\$ 1,652.0	\$ 75.8	\$ 75.0	\$ 78.6	\$ 75.4	\$ 77.9	\$ 78.1	\$ 74.7	\$ 76.2	\$ 3,818.9
Tennessee FSMA	\$ -	\$ 574.7	\$ 1,151.7	\$ 785.2	\$ 522.9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,034.5
Tetco FSS1	\$ 46.8	\$ 60.9	\$ 58.5	\$ 58.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 224.8
Tetco SS1	\$ 921.3	\$ 1,249.5	\$ 1,202.5	\$ 1,202.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,575.7
Grand Total	\$ 2,306.5	\$ 4,281.7	\$ 6,761.8	\$ 5,663.3	\$ 2,115.2	\$ 112.7	\$ 118.3	\$ 113.6	\$ 117.5	\$ 117.6	\$ 111.8	\$ 113.2	\$ 21,933.2

Injection Value													
	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	Grand Total
Columbia FSS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20.2	\$ 193.1	\$ 199.7	\$ 198.8	\$ 119.0	\$ 65.0	\$ 795.7
Dominion GSS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 373.1	\$ 718.7	\$ 668.6	\$ 668.4	\$ 633.3	\$ 493.6	\$ 483.8	\$ 4,039.5
Dominion GSSTE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 569.4	\$ 760.1	\$ -	\$ 528.9	\$ 596.4	\$ 588.6	\$ 3,043.4
													\$ 1,296.9
Tennessee FSMA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 699.4	\$ 667.9	\$ 246.6	\$ -	\$ 585.5	\$ 603.4	\$ 2,802.9
Tetco FSS1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.9	\$ 33.9	\$ 32.5	\$ 34.5	\$ 34.3	\$ 28.1	\$ 29.4	\$ 197.6
Tetco SS1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99.5	\$ 740.3	\$ 711.2	\$ 723.9	\$ 751.3	\$ 616.0	\$ 644.6	\$ 4,286.8
Grand Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,292.5	\$ 3,584.4	\$ 3,804.4	\$ 2,683.2	\$ 2,956.4	\$ 3,139.7	\$ 2,870.0	\$ 20,330.5

REDACTED

The Narragansett Electric Company
Storage Inventory
Normal Year
(\$000; MDth)

Storage Inventory		11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023	6/1/2023	7/1/2023	8/1/2023	9/1/2023	\$ 45,200.0
LNG	Beg Inv Value	\$ 4,380.1	\$ 4,268.5	\$ 4,112.9	\$ 1,803.1	\$ 115.3	\$ -	\$ 702.4	\$ 1,386.6	\$ 2,043.9	\$ 2,736.5	\$ 3,428.7	\$ 4,017.9
LNG	Beg Inv Volume	745.5	726.7	700.2	313.9	19.4	-	111.8	228.6	341.7	458.5	575.4	688.5
LNG	End Inv Value	\$ 4,268.5	\$ 4,112.9	\$ 1,803.1	\$ 115.3	\$ -	\$ 702.4	\$ 1,386.6	\$ 2,043.9	\$ 2,736.5	\$ 3,428.7	\$ 4,017.9	\$ 4,360.0
LNG	End Inv Volume	726.7	700.2	313.9	19.4	-	111.8	228.6	341.7	458.5	575.4	688.5	753.0
AGT Storage	Beg Inv Value	\$ 12,842.1	\$ 11,200.8	\$ 8,613.8	\$ 5,643.1	\$ 3,048.7	\$ 2,018.7	\$ 2,299.3	\$ 3,918.2	\$ 5,850.8	\$ 7,045.9	\$ 8,781.8	\$ 10,313.9
AGT Storage	Beg Inv Volume	3,173.2	2,755.2	2,115.4	1,393.8	756.4	507.4	573.3	999.4	1,511.7	1,820.5	2,271.6	2,738.4
AGT Storage	End Inv Value	\$ 11,200.8	\$ 8,613.8	\$ 5,643.1	\$ 3,048.7	\$ 2,018.7	\$ 2,299.3	\$ 3,918.2	\$ 5,850.8	\$ 7,045.9	\$ 8,781.8	\$ 10,313.9	\$ 11,812.2
AGT Storage	End Inv Volume	2,755.2	2,115.4	1,393.8	756.4	507.4	573.3	999.4	1,511.7	1,820.5	2,271.6	2,738.4	3,191.7
TGP Storage	Beg Inv Value	\$ 5,925.1	\$ 5,371.5	\$ 3,832.3	\$ 2,351.1	\$ 969.9	\$ -	\$ 196.8	\$ 1,359.8	\$ 2,460.6	\$ 3,138.7	\$ 3,549.4	\$ 4,456.0
TGP Storage	Beg Inv Volume	1,334.2	1,214.3	870.6	528.6	219.0	-	44.1	319.0	582.6	741.7	837.3	1,085.0
TGP Storage	End Inv Value	\$ 5,371.5	\$ 3,832.3	\$ 2,351.1	\$ 969.9	\$ -	\$ 196.8	\$ 1,359.8	\$ 2,460.6	\$ 3,138.7	\$ 3,549.4	\$ 4,456.0	\$ 5,372.4
TGP Storage	End Inv Volume	1,214.3	870.6	528.6	219.0	-	44.1	319.0	582.6	741.7	837.3	1,085.0	1,335.9

REDACTED

The Narragansett Electric Company Gas Cost Recovery Receipt Point Volumes (MDth)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
To City Gate													
<u>GAS PURCHASES</u>													
AGT Citygate	-	-	-	-	-	-	-	-	-	-	-	-	-
AIM at Ramapo	7	-	-	-	21	21	-	-	-	-	-	5	55
Beverly	-	15	22	64	-	-	-	-	-	-	-	-	100
Dawn via IGTS	-	5	-	-	-	-	-	-	-	-	-	-	5
Dawn via PNGTS	21	218	91	-	69	-	-	-	-	-	-	-	399
Dominion SP	16	17	17	15	17	5	5	1	-	-	1	12	106
Dracut Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
Everett Long-Term	-	-	-	-	-	-	-	-	-	-	-	-	-
													890
Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
Millennium	223	231	231	208	231	182	203	187	195	185	183	222	2,480
Niagara	32	33	32	14	6	28	-	-	-	-	-	-	146
Proposed Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
TCO Appalachia	469	1,025	1,025	926	1,025	88	-	-	-	-	-	-	4,559
Tetco M2 SCT	-	-	-	-	11	-	-	-	-	-	-	-	11
Tetco M2 CDS	1,124	1,094	1,043	980	1,065	-	630	441	322	354	468	662	8,183
Tetco M3	61	-	-	-	298	1,573	125	-	-	-	13	453	2,523
TGP Z4 Cnx	184	288	296	268	297	149	121	88	65	69	93	142	2,060
TGP Z4 LH	198	364	666	616	458	172	30	-	-	-	2	97	2,604
Transco Leidy	10	23	39	35	27	1	1	1	1	1	1	24	165
Waddington	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASES TO CITY GATE	2,346	3,390	3,932	3,471	3,526	2,218	1,115	717	583	608	760	1,617	24,284
<u>STORAGE WITHDRAWALS</u>													
Columbia FSS	-	56	78	48	15	-	-	-	-	-	-	-	198
Dominion GSS	120	280	216	236	156	-	-	-	-	-	-	-	1,008
Dominion GSSSTE	169	175	175	158	175	-	-	-	-	-	-	-	851
Exeter LNG	6	6	147	6	6	6	6	6	6	6	6	6	214
Providence LNG	13	20	239	289	13	13	13	13	13	13	13	13	666
Tennessee FSMA	-	135	271	181	122	-	-	-	-	-	-	-	709
Tetco SS1	238	322	310	310	-	-	-	-	-	-	-	-	1,180
Tetco FSS1	11	15	14	14	-	-	-	-	-	-	-	-	54
TOTAL WITHDRAWALS TO CITY GATE	557	1,010	1,450	1,242	487	19	19	19	19	19	19	19	4,880
GRAND TOTAL TO CITY GATE	2,903	4,400	5,382	4,712	4,014	2,237	1,135	736	602	628	779	1,637	29,163

REDACTED

The Narragansett Electric Company Gas Cost Recovery Receipt Point Volumes (MDth)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
To Storage Injection													
GAS PURCHASES													
AGT Citygate	-	-	-	-	-	-	-	-	-	-	-	-	-
AIM at Ramapo	-	-	-	-	-	-	-	-	-	-	-	-	-
Beverly	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawn via IGTS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawn via PNGTS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion SP	-	-	-	-	-	12	-	-	-	-	-	5	17
Dracut Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
Everett Long-Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
Millennium	-	-	-	-	-	41	28	37	36	46	40	8	236
Niagara	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
TCO Appalachia	-	-	-	-	-	-	5	50	52	52	33	18	209
Tetco M2 SCT	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco M2 CDS	-	-	-	-	-	68	486	518	310	448	488	464	2,782
Tetco M3	-	-	-	-	-	26	-	-	-	-	-	-	26
TGP Z4 Cnx	-	-	-	-	-	106	176	199	227	162	195	155	1,219
TGP Z4 LH	-	-	-	-	-	-	170	133	-	-	121	167	590
Transco Leidy	-	-	-	-	-	1	1	1	1	2	1	0	8
Waddington	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASES TO INJECTIONS	-	-	-	-	-	254	866	938	626	709	877	817	5,087
STORAGE WITHDRAWALS													
Columbia FSS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion GSS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion GSSTE	-	-	-	-	-	-	-	-	-	-	-	-	-
Exeter LNG	-	-	-	-	-	-	-	-	-	-	-	-	-
Providence LNG	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee FSMA	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco SS1	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco FSS1	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WITHDRAWALS TO STORAGE INJECTION	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL TO CITY GATE	-	-	-	-	-	254	866	938	626	709	877	817	5,087

REDACTED

The Narragansett Electric Company Gas Cost Recovery Delivery Point Volumes (MDth)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
To City Gate													
<u>GAS PURCHASES</u>													
AGT Citygate	-	-	-	-	-	-	-	-	-	-	-	-	-
AIM at Ramapo	7	-	-	-	21	21	-	-	-	-	-	4	53
Beverly	-	14	22	63	-	-	-	-	-	-	-	-	99
Dawn via IGTS	-	5	-	-	-	-	-	-	-	-	-	-	5
Dawn via PNGTS	20	212	89	-	67	-	-	-	-	-	-	-	389
Dominion SP	16	16	16	15	16	5	5	1	-	-	1	11	101
Dracut Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
Everett Long-Term	-	-	-	-	-	-	-	-	-	-	-	-	-
													889
Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
Millennium	216	221	221	200	222	176	197	181	189	179	177	215	2,395
Niagara	32	33	32	14	6	27	-	-	-	-	-	-	145
Proposed Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
TCO Appalachia	456	994	994	898	994	85	-	-	-	-	-	-	4,420
Tetco M2 SCT	-	-	-	-	10	-	-	-	-	-	-	-	10
Tetco M2 CDS	1,092	1,059	1,009	949	1,036	-	617	432	315	346	455	643	7,953
Tetco M3	60	-	-	-	295	1,555	124	-	-	-	12	449	2,494
TGP Z4 Cnx	182	284	292	264	292	147	119	87	64	68	91	140	2,029
TGP Z4 LH	195	358	656	607	452	169	30	-	-	-	2	96	2,565
Transco Leidy	10	23	38	34	26	1	1	1	1	1	1	24	162
Waddington	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASES TO CITY GATE	2,286	3,297	3,838	3,387	3,437	2,186	1,093	701	569	594	739	1,582	23,709
<u>STORAGE WITHDRAWALS</u>													
Columbia FSS	-	55	75	47	15	-	-	-	-	-	-	-	192
Dominion GSS	117	272	210	229	152	-	-	-	-	-	-	-	980
Dominion GSSSTE	165	170	170	153	170	-	-	-	-	-	-	-	828
Exeter LNG	6	6	147	6	6	6	6	6	6	6	6	6	214
Providence LNG	13	20	239	289	13	13	13	13	13	13	13	13	666
Tennessee FSMA	-	133	267	178	120	-	-	-	-	-	-	-	699
Tetco SS1	233	315	303	303	-	-	-	-	-	-	-	-	1,156
Tetco FSS1	11	14	14	14	-	-	-	-	-	-	-	-	52
TOTAL WITHDRAWALS TO CITY GATE	545	986	1,426	1,219	476	19	19	19	19	19	19	19	4,786
GRAND TOTAL TO CITY GATE	2,831	4,283	5,264	4,606	3,913	2,205	1,112	720	589	614	758	1,602	28,496

REDACTED

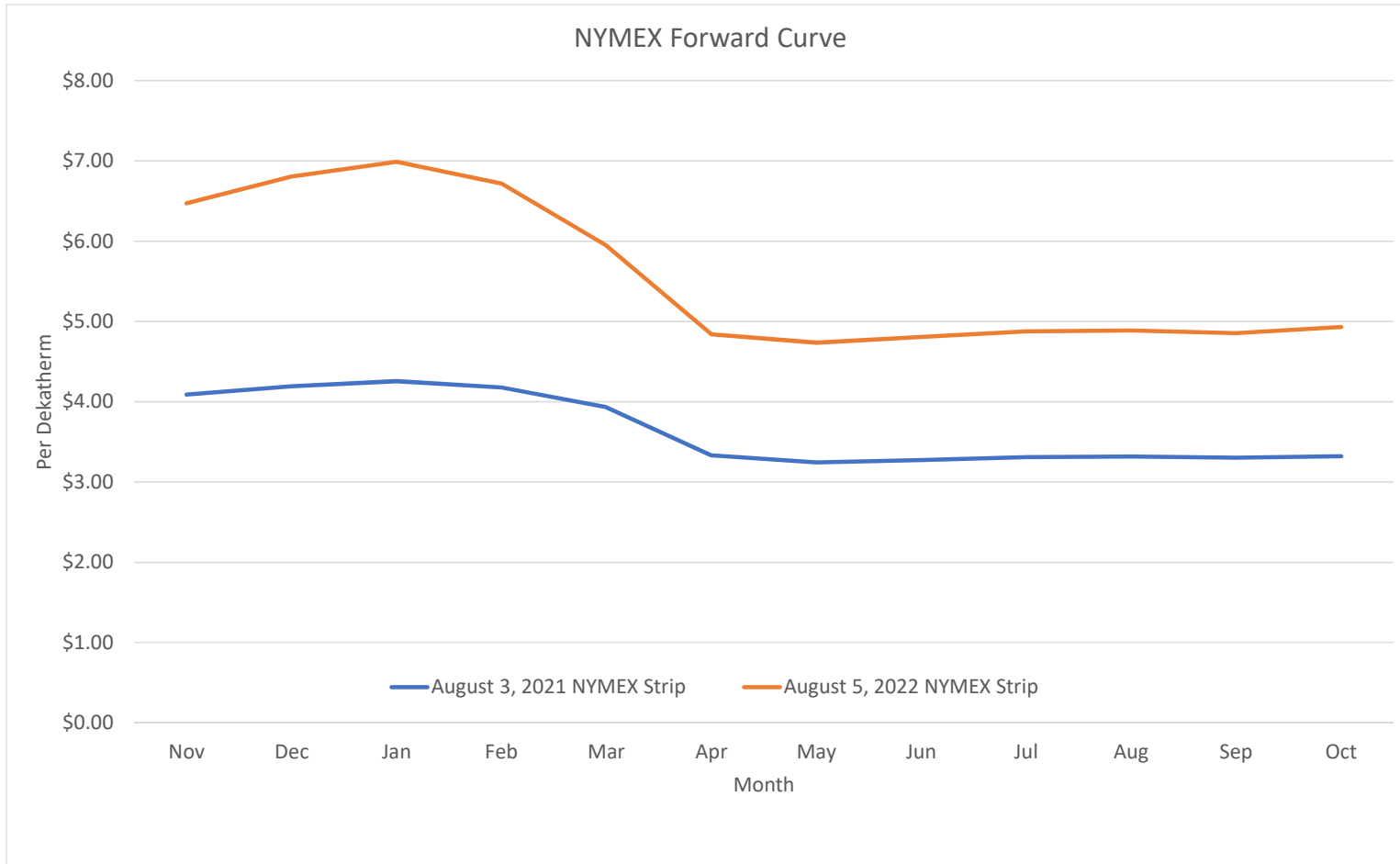
The Narragansett Electric Company Gas Cost Recovery Delivery Point Volumes (MDth)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
To Storage Injection													
GAS PURCHASES													
AGT Citygate	-	-	-	-	-	-	-	-	-	-	-	-	-
AIM at Ramapo	-	-	-	-	-	-	-	-	-	-	-	-	-
Beverly	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawn via IGTS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dawn via PNGTS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion SP	-	-	-	-	-	11	-	-	-	-	-	5	16
Dracut Supply	-	-	-	-	-	-	-	-	-	-	-	-	-
Everett Long-Term	-	-	-	-	-	-	-	-	-	-	-	-	-
Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
Millennium	-	-	-	-	-	40	27	36	35	45	39	8	229
Niagara	-	-	-	-	-	-	-	-	-	-	-	-	-
Proposed Liquid	-	-	-	-	-	-	-	-	-	-	-	-	-
TCO Appalachia	-	-	-	-	-	-	5	49	50	50	32	18	204
Tetco M2 SCT	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco M2 CDS	-	-	-	-	-	66	474	505	303	436	474	451	2,709
Tetco M3	-	-	-	-	-	26	-	-	-	-	-	-	26
TGP Z4 Cnx	-	-	-	-	-	96	164	187	214	151	183	143	1,139
TGP Z4 LH	-	-	-	-	-	-	166	130	-	-	118	163	577
Transco Leidy	-	-	-	-	-	1	1	1	1	2	1	0	8
Waddington	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL PURCHASES TO INJECTIONS	-	-	-	-	-	241	837	908	604	683	846	788	4,907
STORAGE WITHDRAWALS													
Columbia FSS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion GSS	-	-	-	-	-	-	-	-	-	-	-	-	-
Dominion GSSTE	-	-	-	-	-	-	-	-	-	-	-	-	-
Exeter LNG	-	-	-	-	-	-	-	-	-	-	-	-	-
Providence LNG	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee FSMA	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco SS1	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetco FSS1	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL WITHDRAWALS TO STORAGE INJECTION	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL TO CITY GATE	-	-	-	-	-	241	837	908	604	683	846	788	4,907

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-13-NG
JOINT DIRECT DESTIMONY OF GAS SUPPLY PANEL**

Attachment GSP-2 Revised

NYMEX Strip Comparison & Forward Curves

	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>
August 3, 2021 NYMEX Strip	\$4.089	\$4.190	\$4.256	\$4.175	\$3.930	\$3.331	\$3.244	\$3.273	\$3.308	\$3.315	\$3.301	\$3.320
August 5, 2022 NYMEX Strip	\$6.470	\$6.803	\$6.989	\$6.715	\$5.945	\$4.840	\$4.735	\$4.805	\$4.875	\$4.886	\$4.854	\$4.929



SUPPLY AREA BASIS SUMMARY

November 2022 - October 2023

	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Jul-23</u>	<u>Aug-23</u>	<u>Sep-23</u>	<u>Oct-23</u>
October 3, 2022 NYMEX Strip	\$6.470	\$6.803	\$6.989	\$6.715	\$5.945	\$4.840	\$4.735	\$4.805	\$4.875	\$4.886	\$4.854	\$4.929
SUPPLY AREA	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Jul-23</u>	<u>Aug-23</u>	<u>Sep-23</u>	<u>Oct-23</u>
TENN Z4	(\$0.812)	(\$0.519)	(\$0.506)	(\$0.406)	(\$0.403)	(\$0.509)	(\$0.647)	(\$0.767)	(\$0.737)	(\$0.718)	(\$1.318)	(\$1.409)
NIAGARA	(\$0.926)	(\$0.607)	(\$0.487)	(\$0.217)	\$0.000	(\$0.530)	(\$0.591)	(\$0.631)	(\$0.630)	(\$0.631)	(\$0.630)	(\$0.630)
IROQUOIS RECEIPTS	(\$0.098)	\$2.803	\$8.831	\$8.736	\$1.356	(\$0.248)	(\$0.247)	(\$0.247)	(\$0.246)	(\$0.248)	(\$0.248)	(\$0.247)
TETCO M3	(\$0.515)	\$2.500	\$8.417	\$7.865	\$0.215	(\$0.630)	(\$0.897)	(\$0.975)	(\$0.653)	(\$0.702)	(\$1.422)	(\$1.415)
DRACUT	\$2.844	\$15.995	\$27.314	\$26.675	\$8.554	\$1.958	(\$0.357)	(\$0.440)	\$0.237	\$0.258	(\$0.850)	(\$0.855)
TCO	(\$0.935)	(\$0.735)	(\$0.635)	(\$0.567)	(\$0.533)	(\$0.645)	(\$0.793)	(\$0.960)	(\$1.027)	(\$1.055)	(\$1.230)	(\$1.353)
DAWN	(\$0.490)	(\$0.340)	(\$0.220)	\$0.135	\$0.290	(\$0.195)	(\$0.245)	(\$0.260)	(\$0.287)	(\$0.298)	(\$0.292)	(\$0.310)
TETCO M2	(\$1.120)	(\$0.775)	(\$0.615)	(\$0.535)	(\$0.570)	(\$0.790)	(\$1.117)	(\$1.230)	(\$1.197)	(\$1.242)	(\$1.780)	(\$1.815)
TRANSCO LEIDY	(\$1.105)	(\$0.845)	(\$0.773)	(\$0.663)	(\$0.677)	(\$0.832)	(\$1.120)	(\$1.220)	(\$1.223)	(\$1.205)	(\$1.718)	(\$1.790)
ALGONQUIN	\$4.098	\$16.700	\$28.147	\$27.520	\$9.620	\$1.655	(\$0.633)	(\$0.717)	(\$0.047)	(\$0.028)	(\$1.125)	(\$1.127)
TENN Z6	\$4.095	\$16.693	\$28.107	\$27.463	\$9.607	\$1.655	(\$0.633)	(\$0.717)	(\$0.047)	(\$0.028)	(\$1.128)	(\$1.127)
EASTERN SP	(\$1.209)	(\$0.923)	(\$0.895)	(\$0.775)	(\$0.696)	(\$0.768)	(\$1.043)	(\$1.123)	(\$1.133)	(\$1.155)	(\$1.670)	(\$1.790)
EASTERN NP	(\$1.361)	(\$1.076)	(\$1.049)	(\$0.927)	(\$0.847)	(\$0.855)	(\$1.133)	(\$1.210)	(\$1.223)	(\$1.242)	(\$1.760)	(\$1.877)
IROQUOIS Z1	(\$0.058)	\$2.843	\$8.871	\$8.776	\$1.396	(\$0.208)	(\$0.207)	(\$0.207)	(\$0.206)	(\$0.208)	(\$0.208)	(\$0.207)
LEIDY HUB	(\$1.155)	(\$0.843)	(\$0.882)	(\$0.688)	(\$0.700)	(\$0.834)	(\$3.149)	(\$3.176)	(\$2.263)	(\$2.835)	(\$3.200)	(\$1.843)
MILLENNIUM EAST POOL	(\$1.040)	(\$0.860)	(\$0.825)	(\$0.723)	(\$0.625)	(\$0.862)	(\$1.157)	(\$1.240)	(\$1.260)	(\$1.192)	(\$1.738)	(\$1.817)
TENN Z6 NORTH	\$4.095	\$16.693	\$28.107	\$27.463	\$9.607	\$1.655	(\$0.633)	(\$0.717)	(\$0.047)	(\$0.028)	(\$1.128)	(\$1.127)

Attachment PRB-1 Revised

Gas Cost Recovery Factors

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Factors Effective November 1, 2022

	Description (a)	Source		High Load ¹ (d)	Low Load ² (e)	FT-2 Mkter ³ (f)
		Reference (b)	Line # (c)			
(1)	Fixed Cost Factor - \$/dktherm	PRB-1 Revised, pg 2	Line (16)	\$2.2875	\$2.9687	
(2)	Variable Cost Factor - \$/dktherm	PRB-1 Revised, pg 3	Line (14)	\$3.7321	\$3.7321	
(3)	Total Gas Cost Recovery Charge- \$/dktherm	(1) + (2)		\$6.0196	\$6.7008	
(4)	Uncollectible %	Docket No. 4770		1.91%	1.91%	
(5)	Total GCR Charge adjusted for Uncollectibles- \$/dkdtherm	(3) ÷ [1 - (4)]		\$6.1368	\$6.8313	
(6)	GCR Charge on a per therm basis	(5) ÷ 10		\$0.6136	\$0.6831	
(7)	Current rate effective 11/01/21 - \$/therm	Docket No. 5180		\$0.5413	\$0.6137	
(8)	Increase / (Decrease) - \$/therm	(6) - (7)		\$0.0723	\$0.0694	
(9)	Percent Increase	(8) ÷ (7)		13.4%	11.3%	

¹ Includes: Residential Non Heating, Large High Load and Extra Large High Load

² Includes: Residential Heating, Small C&I, Medium C&I, Large Low Load, Extra Large Low Load

³ See PRB-5 Revised for calculation of FT-2 rate

(6): Truncated to 4 decimals.

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Fixed Cost Calculation (\$ per Dth)

Description (a)	Source		Amount (d)	High Load	Low Load
	Reference (b)	Line # (c)		Factor Total (e)	Factor Total (f)
(1) Fixed Costs (net of Capacity Release to marketers)	PRB-1 Revised, pg 5	Line (57)	\$158,082,458		
Less:					
(2) NGPMP Customer Benefit	GSP-1 Revised		(\$11,646,741)		
(3) Interruptible Costs			\$0		
(4) FT-2 Storage Demand Costs	PRB-5 Revised, pg 2	Line (25)	(\$3,542,044)		
(5) System Pressure to DAC	GSP-1 Revised, pg 12		(\$68,657,362)		
(6) Refunds			\$0		
(7) Total Credits	Sum[(2):(6)]		(\$83,846,147)		
Plus:					
(8) Supply Related LNG O&M Costs	Docket No. 4770	Compliance Attachment 2	\$829,823		
(9) Working Capital Requirement	PRB-1 Revised, pg 9	Schedule 32 Pg 5	\$650,664		
(10) Deferred Fixed Cost Under-recovered	PRB-1 Revised, pg 7	Line (16)	\$3,794,338		
(11) Total Additions	Sum[(8):(10)]	Line (17)	\$5,274,825		
(12) Total Fixed Costs	(1) + (7) + (11)		\$79,511,137		
(13) Design Winter Sales Percentage	PRB-1 Revised, pg 13	Lines (10) & (11)		1.87%	98.13%
(14) Allocated Supply Fixed Costs	(12) x (13)		\$1,486,858		\$78,024,278
(15) Sales (Dth) Nov 2022 - Oct 2023	PRB-1 Revised, pg 12	Line (9)	26,932,120	649,996	26,282,124
(16) Fixed Factor	(14) ÷ (15)			\$2.2875	\$2.9687

(15) Col (c): PRB-1 Revised page 12, Sum[Lines (1), (6), (8)]
Col (f): PRB-1 Revised page 12, Sum[Lines (2)-(5), (7)]

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Variable Cost Calculation (\$ per Dth)

	<u>Description</u> (a)	<u>Source</u>		<u>Amount</u> (d)
		<u>Reference</u> (b)	<u>Line#</u> (c)	
(1)	Variable Costs, excluding Refunds	PRB-1 Revised, pg 6	Line (93) - Line (90)	\$85,751,053
	Less:			
(2)	System Pressure to DAC			\$0
(3)	Non-Firm Sales			\$0
(4)	Refunds	PRB-1 Revised, pg 6	Line (90)	<u>\$0</u>
(5)	Total Credits	Sum [(2):(4)]		\$0
	Plus:			
(6)	Working Capital	PRB-1 Revised, pg 9	Line (32)	\$623,931
(7)	Deferred Variable Cost Under-recovered	PRB-1 Revised, pg 7	Line (34)	\$12,877,724
(8)	Supply Related LNG O&M	Docket No. 4770	Compliance Attachment 2 Schedule 32 Pg 5 Ln 15 - Ln 12	\$302,244
(9)	Inventory Financing - LNG	PRB-1 Revised, pg 11	Line (22)	\$194,799
(10)	Inventory Financing - Storage	PRB-1 Revised, pg 11	Line (12)	<u>\$763,746</u>
(11)	Total Additions	Sum [(6):(10)]		\$14,762,444
(12)	Total Variable Supply Costs	(1) + (5) + (11)		\$100,513,497
(13)	Sales (Dth) Nov 2022 - Oct 2023	PRB-1 Revised, pg 12	Line (9)	26,932,120
(14)	Variable Cost Factor	(12) ÷ (13)		\$3.7321

Redacted

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Gas Cost Estimate

Description (a)	Reference (b)	Nov-22 (c)	Dec-22 (d)	Jan-23 (e)	Feb-23 (f)	Mar-23 (g)	Apr-23 (h)	May-23 (i)	Jun-23 (j)	Jul-23 (k)	Aug-23 (l)	Sep-23 (m)	Oct-23 (n)	Nov-Oct (o)
Supply Fixed Costs - Pipeline Delivery														
(1) Dnsut	GSP-1 Revised	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$81,936	\$983,232
(2) Manchester Lateral	GSP-1 Revised	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$211,015	\$2,532,177
(3) Niagara	GSP-1 Revised	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$6,576	\$78,917
(4) Yankee Interconnect	GSP-1 Revised	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$764,616	\$563,538
(5) AIM	GSP-1 Revised	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,430	\$9,175,397
(6) Transco	GSP-1 Revised	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$611,017	\$113,164
(7) TCO (Pool)	GSP-1 Revised	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$25,889	\$7,332,207
(8) TETCO SCT Long Haul	GSP-1 Revised	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$126,790	\$310,664
(9) AGT M3	GSP-1 Revised	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,448,198	\$1,521,482
(10) TETCO CDS Long Haul	GSP-1 Revised	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$9,251	\$17,378,375
(11) Dominion	GSP-1 Revised	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$24,528	\$111,017
(12) Dawn via Waddington	GSP-1 Revised	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$1,097,880	\$294,336
(13) Dawn via PNGTS	GSP-1 Revised	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$444,260	\$13,174,555
(14) TGP Long Haul	GSP-1 Revised	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$217,326	\$5,331,116
(15) TGP ComeXion	GSP-1 Revised	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$47,024	\$2,607,914
(16) Beverly	GSP-1 Revised	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$102,420	\$564,288
(17) [REDACTED]	GSP-1 Revised	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	(\$128,490)	\$1,229,040
(18) Less Credits from Mktgr Releases*	GSP-1 Revised	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	(\$1,541,882)
(19) Total Supply Fixed Costs - Pipeline	Sum((1)-(18))	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$61,759,536
Stored Fixed Costs - Facilities														
(20) Columbia FSS	GSP-1 Revised	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$16,121	\$193,457
(21) Dominion GSS	GSP-1 Revised	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$70,164	\$841,972
(22) Dominion GSSTE	GSP-1 Revised	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$90,431	\$1,085,174
(23) Exeter LNG	GSP-1 Revised	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(24) Providence LNG	GSP-1 Revised	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$290,520	\$3,486,240
(25) Tennessee FSMA	GSP-1 Revised	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$41,367	\$496,403
(26) Teteo FSSI	GSP-1 Revised	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$4,773	\$57,280
(27) Teteo SS1	GSP-1 Revised	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$190,186	\$2,282,227
(28) Total Fixed Storage Costs	Sum((20)-(27))	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$703,563	\$8,442,753

* Capacity release credits included in forecasted supply costs

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
GCR Deferred Balances

Table with columns: Description, Nov-21 actual, Dec-21 actual, Jan-22 actual, Feb-22 actual, Mar-22 actual, Apr-22 actual, May-22 actual, Jun-22 actual, Jul-22 actual, Aug-22 actual, Sep-22 actual, Oct-22 actual, Nov-22 actual. Rows include: (1) # of Days in Month, (2) Fixed Cost Deferral, (3) Beginning Under/(Over) Recovery, (4) Supply Fixed Costs (net of cap rd), (5) Supply Related System Pressure to DAC, (6) Supply Related LNG O & M, (7) NGPMP Credits, (8) Total Working Capital, (9) Total Supply Fixed Costs, (10) Supply Fixed - Revenue, (11) Monthly Under/(Over) Recovery, (12) Prdln. Ending Under/(Over) Recovery, (13) Monthly Average Balance, (14) Interest Rate (BOA Prime minus 200 bps), (15) Interest Applied, (16) Market Reconciliation, (17) FIXED ENDING UNDER/(OVER) RECOVERY, (18) Variable Cost Deferral, (19) Beginning Under/(Over) Recovery, (20) Variable Supply Costs, (21) Supply Related System Pressure to DAC, (22) Supply Related LNG O & M, (23) Inventory Financing - LNG, (24) Inventory Financing - UG, (25) Working Capital, (26) Total Supply Variable Costs, (27) Supply Variable - Revenue, (28) Monthly Under/(Over) Recovery, (29) Prdln. Ending Under/(Over) Recovery, (30) Monthly Average Balance, (31) Interest Rate (BOA Prime minus 200 bps), (32) Interest Applied, (33) Gas Procurement Incentive/penalty, (34) VARIABLE ENDING UNDER/(OVER) RECOVERY, (35) COVID Deferral, (36) Beginning Balance, (37) COVID Cost Deferral, (38) Prdln. Ending Balance, (39) Monthly Average Balance, (40) Interest Rate (BOA Prime minus 200 bps), (41) Interest Applied, (42) Ending Balance, (43) GCR Deferred Summary, (44) Beginning Under/(Over) Recovery, (45) Gas Costs, (46) Inventory Finance, (47) Working Capital, (48) NGPMP Credits, (49) Total Costs, (50) Revenue, (51) Monthly Under/(Over) Recovery, (52) Prdln. Ending Under/(Over) Recovery, (53) Monthly Average Balance, (54) Interest Rate (BOA Prime minus 200 bps), (55) Interest Applied, (56) Gas Purchase Plan Incentives/Penalties, (57) ENDING UNDER/(OVER) RECOVERY w/ INTEREST, (58) FIXED ENDING UNDER/(OVER) RECOVERY - October 2022, (59) VARIABLE ENDING UNDER/(OVER) RECOVERY - October 2022, (60) % Fixed of Fixed + Variable Ending Under/(Over) Recovery - October 2022, (61) % Variable of Fixed + Variable Ending Under/(Over) Recovery - October 2022, (62) COVID Deferred Ending Under/(Over) Recovery - October 2022, (63) COVID Deferred Ending Under/(Over) Recovery - October 2022 - Allocated to Fixed, (64) COVID Deferred Ending Under/(Over) Recovery - October 2022 - Allocated to Variable, (65) FIXED ENDING UNDER/(OVER) RECOVERY - October 2022, (66) VARIABLE ENDING UNDER/(OVER) RECOVERY - October 2022, (67) % Fixed of Fixed + Variable Ending Under/(Over) Recovery - October 2022, (68) % Variable of Fixed + Variable Ending Under/(Over) Recovery - October 2022.

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
GCR - Gas Cost Revenue

Description (a)	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Total
	Est (b)	Est (c)	Est (d)	Est (e)	Est (f)	Est (g)	Est (h)	Est (i)	Est (j)	Est (k)	Est (l)	Est (m)	Nov-Oct (n)
(1) I. Fixed Cost Revenue													
(2) (a) Low Load dth	1,843,033	3,357,860	4,544,203	5,150,730	3,818,312	3,055,050	1,188,030	788,045	608,568	571,185	585,472	771,634	26,282,124
(3) Fixed Cost Factor	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687	\$2,9687
(4) Low Load Revenue	\$5,471,450	\$9,968,548	\$13,490,468	\$15,291,079	\$11,335,501	\$9,069,589	\$3,526,930	\$2,339,487	\$1,806,669	\$1,695,689	\$1,738,104	\$2,290,764	\$78,024,278
(5) (b) High Load dth	49,096	72,098	85,604	91,603	72,888	63,149	44,676	38,411	32,504	30,838	33,334	35,795	649,996
(6) Fixed Cost Factor	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875	\$2,2875
(7) High Load Revenue	\$112,307	\$164,924	\$195,819	\$209,540	\$166,731	\$144,453	\$102,196	\$87,864	\$74,353	\$70,542	\$76,251	\$81,880	\$1,486,860
(8) sub-total Dth	1,892,129	3,429,958	4,629,807	5,242,333	3,891,200	3,118,199	1,232,706	826,456	641,072	602,023	618,806	807,428	26,932,120
(9) FT-2 Storage Revenue from marketers	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$295,170	\$3,542,044
(10) Total Fixed Revenue	\$5,878,927	\$10,428,642	\$13,981,457	\$15,795,789	\$11,797,402	\$9,509,212	\$3,924,296	\$2,722,521	\$2,176,192	\$2,061,401	\$2,109,525	\$2,667,814	\$83,053,182
(11) II. Variable Cost Revenue													
(12) (a) Firm Sales dth	1,892,129	3,429,958	4,629,807	5,242,333	3,891,200	3,118,199	1,232,706	826,456	641,072	602,023	618,806	807,428	26,932,120
(13) Variable Cost Factor	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321	\$3,7321
(14) Variable Revenue	\$7,061,625	\$12,800,964	\$17,278,927	\$19,564,938	\$14,522,367	\$11,637,446	\$4,600,590	\$3,084,421	\$2,392,549	\$2,246,814	\$2,309,450	\$3,013,406	\$100,513,497
(15) Total Variable Revenue	\$7,061,625	\$12,800,964	\$17,278,927	\$19,564,938	\$14,522,367	\$11,637,446	\$4,600,590	\$3,084,421	\$2,392,549	\$2,246,814	\$2,309,450	\$3,013,406	\$100,513,497
(16) Total Gas Cost Revenue	\$12,940,552	\$23,229,606	\$31,260,384	\$35,360,727	\$26,319,769	\$21,146,658	\$8,524,886	\$5,806,942	\$4,568,741	\$4,308,215	\$4,418,975	\$5,681,220	\$183,566,679
(2) PRB-1 Revised, pg 12, Sum [Lines (2)-(5), (7)]													
(3) PRB-1 Revised, pg 1, Line 1, col (e)													
(4) Line (2) x Line (3)													
(5) PRB-1 Revised, pg 12, Sum [Lines (1), (6), (8)]													
(6) PRB-1 Revised, pg 1, Line 1, col (d)													
(7) Line (5) x Line (6)													
(8) Line (2) + Line (5)													
(9) [PRB-5 Revised, pg 2, Line (25)] ÷ 12													

(10) Sum [Lines (4), (7), (9)]
(12) Line (8)
(13) PRB-1 Revised, pg 1, Line (2)
(14) Line (12) x Line (13)
(15) Line (14)
(16) Line (10) + Line (15)

Redacted

The Narragansett Electric Company
 db/a Rhode Island Energy
 Gas Cost Recovery (GCR) Filing
 Working Capital Estimate

Description (a)	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Total (n)
(1) Fixed Costs	\$6,893,509	\$25,532,282	\$25,532,282	\$25,532,282	\$7,008,546	\$7,008,546	\$7,008,546	\$7,008,546	\$7,008,546	\$7,008,546	\$7,008,546	\$7,008,546	\$158,082,458
(2) Capacity Release Revenue	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(3) Less System Pressure to DAC	(\$149,444)	(\$16,865,453)	(\$16,865,453)	(\$16,865,453)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$68,657,362)
(4) Less Credits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(5) Plus Supply Related LNG O&M Costs	\$6,744,065	\$8,666,830	\$8,666,830	\$8,666,830	\$6,859,102	\$6,859,102	\$6,859,102	\$6,859,102	\$6,859,102	\$6,859,102	\$6,859,102	\$6,859,102	\$89,425,096
(6) Allowable Working Capital Costs													
(7) Number of Days Lag	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(8) Working Capital Requirement	\$608,259	\$781,677	\$781,677	\$781,677	\$618,635	\$618,635	\$618,635	\$618,635	\$618,635	\$618,635	\$618,635	\$618,635	
(9) Weighted Average Cost of Capital	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	
(10) Return on Working Capital Requirement	\$41,422	\$53,232	\$53,232	\$53,232	\$42,129	\$42,129	\$42,129	\$42,129	\$42,129	\$42,129	\$42,129	\$42,129	
(11) Cost of Debt (Long Term Debt + Short Term Debt)	\$12,652	\$16,259	\$16,259	\$16,259	\$12,868	\$12,868	\$12,868	\$12,868	\$12,868	\$12,868	\$12,868	\$12,868	
(12) Interest Expense													
(13) Taxable Income	\$28,771	\$36,973	\$36,973	\$36,973	\$29,261	\$29,261	\$29,261	\$29,261	\$29,261	\$29,261	\$29,261	\$29,261	
(14) 1 - Combined Tax Rate	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	
(15) Return and Tax Requirement	\$36,419	\$46,802	\$46,802	\$46,802	\$37,040	\$37,040	\$37,040	\$37,040	\$37,040	\$37,040	\$37,040	\$37,040	
(16) Fixed Working Capital Requirement	\$49,070	\$63,061	\$63,061	\$63,061	\$49,907	\$49,907	\$49,907	\$49,907	\$49,907	\$49,907	\$49,907	\$49,907	\$650,664
(17) Variable Costs													
(18) Less Non-firm Sales	\$9,202,830	\$13,843,958	\$13,843,958	\$14,410,699	\$14,297,596	\$6,944,370	\$2,045,432	\$1,109,466	\$854,946	\$1,035,006	\$1,238,398	\$4,028,210	\$85,751,053
(19) Less Supply Refunds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(20) Less Bal. Related Syst. Pressure Commodity to DAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(21) Plus Supply Related LNG O&M Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(22) Allowable Working Capital Costs	\$9,202,830	\$13,843,958	\$16,740,141	\$14,410,699	\$14,297,596	\$6,944,370	\$2,045,432	\$1,109,466	\$854,946	\$1,035,006	\$1,238,398	\$4,028,210	\$85,751,053
(23) Number of Days Lag	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(24) Working Capital Requirement	\$830,020	\$1,248,611	\$1,509,823	\$1,299,727	\$1,289,526	\$626,325	\$184,481	\$100,065	\$77,109	\$93,349	\$111,693	\$363,311	
(25) Weighted Average Cost of Capital	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	
(26) Return on Working Capital Requirement	\$56,524	\$85,030	\$102,819	\$88,511	\$87,817	\$42,653	\$12,563	\$6,814	\$5,251	\$6,357	\$7,606	\$24,742	
(27) Cost of Debt (Long Term Debt + Short Term Debt)													
(28) Interest Expense													
(29) Taxable Income	\$39,260	\$59,059	\$71,415	\$61,477	\$60,995	\$29,625	\$8,726	\$4,733	\$3,647	\$4,415	\$5,283	\$17,185	
(30) 1 - Combined Tax Rate	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	
(31) Return and Tax Requirement	\$49,696	\$74,759	\$90,398	\$77,819	\$77,208	\$37,500	\$11,046	\$5,991	\$4,617	\$5,589	\$6,687	\$21,753	
(32) Variable Working Capital Requirement	\$66,961	\$100,730	\$121,803	\$104,853	\$104,030	\$50,528	\$14,883	\$8,073	\$6,221	\$7,531	\$9,011	\$29,310	\$623,931

(1) PRB-1 Revised, Pg 2, Line (1)
 (2) GSP-1 Revised
 (3) Sum(Lines (1)-(5))
 (4) Docket No. 4770
 (5) Line (6) x Line (7) + 365
 (6) Docket No. 22-13-NG
 (7) Line (8) x Line (9)
 (8) Docket No. 22-13-NG
 (9) Line (10) x Line (11)
 (10) Line (11) x Line (12)
 (11) Line (12) x Line (13) + 365
 (12) Line (13) x Line (14)
 (13) Line (14) x Line (15)
 (14) Line (15) x Line (16)
 (15) Line (16) x Line (17)
 (16) Line (17) x Line (18)
 (17) PRB-1 Revised, Pg 3, Line (1)
 (18) PRB-1 Revised, Pg 3, Line (2) + 12
 (19) Sum(Lines (17), (21))
 (20) Docket No. 4770
 (21) Line (22) x Line (23) + 365
 (22) Docket No. 22-13-NG
 (23) Line (24) x Line (25)
 (24) Line (25) x Line (26)
 (25) Docket No. 22-13-NG
 (26) Line (26) x Line (27)
 (27) Line (27) x Line (28)
 (28) Tax Law effective Jan. 1, 2018
 (29) Line (28) + Line (30)
 (30) Line (29) + Line (30)
 (31) Line (28) + Line (31)

Storage Fixed Cost Working Capital Calculation for FT-2 Demand Rate (see PRB-5 Revised, pg 2)

Description (d)	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Total (n)
(33) Storage Fixed Costs													\$96,322,922
(34) Less System Pressure to DAC	(\$149,444)	(\$16,865,453)	(\$16,865,453)	(\$16,865,453)	(\$16,865,453)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$149,444)	(\$68,657,362)
(35) Less Credits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(36) Plus Supply Related LNG O&M Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(37) Allowable Working Capital Costs													\$27,665,560
(38) Number of Days Lag	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	32.92	
(39) Working Capital Requirement	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	
(40) Weighted Average Cost of Capital													
(41) Return on Working Capital Requirement													
(42) Cost of Debt (Long Term Debt + Short Term Debt)	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	
(43) Interest Expense													
(44) Taxable Income													
(45) 1 - Combined Tax Rate	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	
(46) Return and Tax Requirement													
(47) Storage Fixed Working Capital Requirement													\$201,297

(33) PRB-1 Revised, pg 5, Line (40)
(34) Line (3)
(37) Sum[Lines (33) - (36)]
(38) Docket No. 4770
(39) Line (37) x Line (38) + 365
(40) Docket No. 22-13-NG
(41) Line (39) x Line (40)
(42) Docket No. 22-13-NG
(43) Line (39) x Line (42)
(44) Line (41) - Line (43)
(45) Tax Law effective Jan. 1, 2018
(46) Line (44) ÷ Line (45)
(47) Line (43) + Line (46)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Inventory Finance Estimate

Description (a)	Source (b)	Nov-22 (c)	Dec-22 (d)	Jan-23 (e)	Feb-23 (f)	Mar-23 (g)	Apr-23 (h)	May-23 (i)	Jun-23 (j)	Jul-23 (k)	Aug-23 (l)	Sep-23 (m)	Oct-23 (n)	Total (o)
(1) Storage Inventory Balance	GSP-1 Revised	\$16,572,310	\$12,446,121	\$7,994,185	\$4,018,614	\$2,018,750	\$2,496,126	\$5,278,010	\$8,311,410	\$10,184,564	\$12,331,123	\$14,769,846	\$17,184,615	\$2,362,998
(2) Hedging		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(3) Subtotal		\$16,572,310	\$12,446,121	\$7,994,185	\$4,018,614	\$2,018,750	\$2,496,126	\$5,278,010	\$8,311,410	\$10,184,564	\$12,331,123	\$14,769,846	\$17,184,615	\$2,362,998
(4) Weighted Average Cost of Capital	Docket No 22-13-NG	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%
(5) Return on Working Capital Requirement	(3) x (4)	\$1,128,574	\$847,581	\$544,404	\$273,668	\$137,477	\$169,986	\$359,432	\$566,007	\$693,569	\$839,749	\$1,005,827	\$1,170,272	\$7,736,546
(6) Cost of Debt (LTD + STD)*	Docket No 22-13-NG	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%
(7) Interest Charges Financed	(3) x (6)	\$344,704	\$258,879	\$166,279	\$83,587	\$41,990	\$51,919	\$109,783	\$172,877	\$211,839	\$256,487	\$307,213	\$357,440	\$2,362,998
(8) Taxable Income	(5) - (7)	\$783,870	\$588,702	\$378,125	\$190,080	\$95,487	\$118,067	\$249,650	\$393,130	\$481,730	\$583,262	\$698,614	\$812,832	\$790,000
(9) 1 - Combined Tax Rate		0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900
(10) Return and Tax Requirement	(8) ÷ (9)	\$992,241	\$745,192	\$478,639	\$240,608	\$120,869	\$149,452	\$316,012	\$497,633	\$609,785	\$738,306	\$884,321	\$1,028,902	\$6,801,960
(11) Working Capital Requirement	(7) + (10)	\$1,336,945	\$1,004,071	\$644,918	\$324,195	\$162,859	\$201,371	\$425,795	\$670,510	\$821,624	\$994,794	\$1,191,534	\$1,386,342	\$9,164,958
(12) Storage-Related Inventory Costs	(11) ÷ 12	\$111,412	\$83,673	\$53,743	\$27,016	\$13,572	\$16,781	\$35,483	\$55,876	\$68,469	\$82,899	\$99,294	\$115,528	\$763,746
(13) LNG Inventory Balance	GSP-1 Revised	\$4,268,495	\$4,112,941	\$1,803,058	\$115,328	\$0	\$702,412	\$1,386,571	\$2,043,924	\$2,736,496	\$3,428,750	\$4,017,908	\$4,359,997	\$602,698
(14) Weighted Average Cost of Capital	Docket No 22-13-NG	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%
(15) Return on Working Capital Requirement	(13) x (14)	\$290,684	\$280,091	\$122,788	\$7,854	\$0	\$47,834	\$94,425	\$139,191	\$186,555	\$233,498	\$273,620	\$296,916	\$1,973,257
(16) Cost of Debt (LTD + STD)*	Docket No 22-13-NG	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%	2.08%
(17) Interest Charges Financed	(13) x (16)	\$88,785	\$85,549	\$37,504	\$2,399	\$0	\$14,610	\$28,841	\$42,514	\$56,919	\$71,318	\$83,572	\$90,688	\$602,698
(18) Taxable Income	(15) - (17)	\$201,900	\$194,542	\$85,285	\$5,455	\$0	\$33,224	\$65,585	\$96,678	\$129,436	\$162,180	\$190,047	\$206,228	\$790,000
(19) 1 - Combined Tax Rate		0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900	0.7900
(20) Return and Tax Requirement	(18) ÷ (19)	\$255,569	\$246,256	\$107,955	\$6,905	\$0	\$42,056	\$83,019	\$122,377	\$163,843	\$205,291	\$240,566	\$261,048	\$1,734,885
(21) Working Capital Requirement	(17) + (20)	\$344,354	\$331,805	\$145,459	\$9,304	\$0	\$56,666	\$111,859	\$164,890	\$220,763	\$276,609	\$324,138	\$351,736	\$2,337,583
(22) LNG-Related Inventory Costs	(21) ÷ 12	\$28,696	\$27,650	\$12,122	\$775	\$0	\$4,722	\$9,322	\$13,741	\$18,397	\$23,051	\$27,012	\$29,311	\$194,799
(23) Total Inventory Financing Costs	(12) + (22)	\$140,108	\$111,323	\$65,865	\$27,792	\$13,572	\$21,503	\$44,805	\$69,617	\$86,866	\$105,950	\$126,306	\$144,840	\$958,545

*LTD: Long Term Debt
*STD: Short Term Debt

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Forecasted Throughput (Dth)

Rate Class (a)	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Nov-Oct (n)
SALES													
(1) Residential Non-Heating	24,595	36,494	45,636	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	310,797
(2) Residential Heating	1,449,312	2,596,057	3,498,553	3,915,982	2,891,087	2,317,355	851,793	573,936	453,690	433,319	446,697	598,069	20,025,849
(3) Small C&I	131,203	282,550	412,804	497,959	360,161	263,710	114,865	57,952	50,105	39,487	38,085	49,715	2,298,596
(4) Medium C&I	222,677	392,733	516,336	598,322	458,833	385,399	183,377	136,456	95,356	89,680	91,490	109,410	3,280,069
(5) Large LLF	33,227	76,910	105,933	127,285	96,299	78,186	33,464	17,298	8,130	7,493	8,041	11,983	604,248
(6) Large HLF	17,687	21,288	28,468	32,766	28,409	25,367	20,339	15,688	13,142	12,569	14,192	14,340	244,255
(7) Extra Large LLF	6,615	9,610	10,577	11,182	11,931	10,400	4,532	2,404	1,288	1,206	1,158	2,457	73,361
(8) Extra Large HLF	6,814	14,317	11,500	9,181	5,679	5,061	6,710	7,993	7,228	6,636	7,300	6,523	94,943
(9) Total Sales	1,892,129	3,429,958	4,629,807	5,242,333	3,891,200	3,118,199	1,232,706	826,456	641,072	602,023	618,806	807,428	26,932,120
TRANSPORTATION													
(10) FT- Small	11,536	23,373	30,909	36,658	27,174	22,134	10,132	6,469	4,082	3,755	3,717	4,901	184,842
(11) FT- Medium	199,205	302,095	378,565	413,442	325,078	281,684	141,517	102,313	73,956	70,871	72,808	96,863	2,458,396
(12) FT- Large LLF	202,056	314,133	400,247	421,310	315,722	263,527	112,927	61,653	35,440	33,215	36,878	72,549	2,269,656
(13) FT- Large HLF	76,155	94,673	122,240	131,148	120,401	105,475	85,982	74,469	73,198	67,817	72,258	73,605	1,097,421
(14) FT- Extra Large LLF	139,416	170,966	208,928	191,732	151,429	121,600	48,167	25,644	22,172	22,945	27,121	65,836	1,195,958
(15) FT- Extra Large HLF	487,308	530,839	565,303	569,455	533,886	501,257	453,238	415,066	412,284	423,828	426,513	438,880	5,757,858
(16) Total FT Transportation	1,115,676	1,436,080	1,706,192	1,763,745	1,473,690	1,295,678	851,963	685,615	621,133	622,432	639,295	752,634	12,964,131
Total THROUGHPUT													
(17) Residential Non-Heating	24,595	36,494	45,636	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	310,797
(18) Residential Heating	1,449,312	2,596,057	3,498,553	3,915,982	2,891,087	2,317,355	851,793	573,936	453,690	433,319	446,697	598,069	20,025,849
(19) Small C&I	142,739	305,923	443,713	534,617	387,336	285,844	124,997	64,421	54,187	43,242	41,803	54,616	2,483,438
(20) Medium C&I	421,882	694,828	894,901	1,011,764	783,911	667,083	324,894	238,769	169,312	160,551	164,298	206,272	5,738,465
(21) Large LLF	235,282	391,043	506,180	548,595	412,020	341,713	146,391	78,951	43,570	40,707	44,919	84,532	2,873,904
(22) Large HLF	93,842	115,961	150,708	163,914	148,810	130,842	106,321	90,157	86,340	80,386	86,450	87,945	1,341,676
(23) Extra Large LLF	146,031	180,576	219,506	202,914	163,360	132,000	52,699	28,048	23,460	24,151	28,280	68,293	1,269,319
(24) Extra Large HLF	494,122	545,156	576,803	578,636	539,565	506,318	459,948	423,059	419,512	430,465	433,813	445,403	5,852,801
(25) Total Throughput	3,007,805	4,866,038	6,336,000	7,006,078	5,364,890	4,413,877	2,084,669	1,512,071	1,262,205	1,224,455	1,258,101	1,560,062	39,896,251

Source: Attachment GLF-1

Redacted

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Design Winter Period and Design Day Throughput (Dth)

Rate Class (a)	Reference	Line #	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Total (g)	% (h)
SALES (dth)									
(1) Residential Non-Heating	PRB-1 Revised, pg 16	Line (70)	26,318	40,458	51,125	55,970	42,748	216,619	1.00%
(2) Residential Heating	PRB-1 Revised, pg 16	Line (71)	1,583,947	2,943,476	3,996,189	4,486,954	3,250,761	16,261,327	75.27%
(3) Small C&I	PRB-1 Revised, pg 16	Line (72)	143,091	321,316	473,154	572,639	406,878	1,917,078	8.87%
(4) Medium C&I	PRB-1 Revised, pg 16	Line (74)	240,263	441,214	585,398	681,959	512,696	2,461,529	11.39%
(5) Large LLF	PRB-1 Revised, pg 16	Line (76)	36,612	88,067	121,920	146,819	109,310	502,728	2.33%
(6) Large HLF	PRB-1 Revised, pg 16	Line (78)	18,308	22,557	30,920	36,120	30,614	138,519	0.64%
(7) Extra Large LLF	PRB-1 Revised, pg 16	Line (80)	7,335	10,966	12,103	12,821	13,508	56,732	0.26%
(8) Extra Large HLF	PRB-1 Revised, pg 16	Line (82)	6,814	15,479	12,213	9,627	5,679	49,813	0.23%
(9) Total Sales	Sum[(1):(8)]		2,062,688	3,883,534	5,283,023	6,002,909	4,372,192	21,604,345	100.00%
(10) Low Load Factor	Sum[(2)-(5),(7)]		2,011,249	3,805,039	5,188,764	5,901,191	4,293,152	21,199,394	98.13%
(11) High Load Factor	Sum[(1),(6),(8)]		51,440	78,495	94,259	101,717	79,040	404,951	1.87%

2022/2023 Design Day Send Out

(12) Pipeline	216,649	Dktherm
(13) Underground Storage	38,894	Dktherm
(14) LNG		Dktherm
(15) Total Projected 2022/2023 Design Day		Dktherm

- (1) Column (h): [Line (1), Col (g)]÷[Line (9), Col (g)]
- (2) Column (h): [Line (2), Col (g)]÷[Line (9), Col (g)]
- (3) Column (h): [Line (3), Col (g)]÷[Line (9), Col (g)]
- (4) Column (h): [Line (4), Col (g)]÷[Line (9), Col (g)]
- (5) Column (h): [Line (5), Col (g)]÷[Line (9), Col (g)]
- (6) Column (h): [Line (6), Col (g)]÷[Line (9), Col (g)]
- (7) Column (h): [Line (7), Col (g)]÷[Line (9), Col (g)]
- (8) Column (h): [Line (8), Col (g)]÷[Line (9), Col (g)]
- (10) Column (h): [Line (10), Col (g)]÷[Line (9), Col (g)]
- (11) Column (h): [Line (11), Col (g)]÷[Line (9), Col (g)]

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d/b/a Rhode Island Energy
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**Derivation of Monthly Design Sales
Normal Volumes (Dth)**

	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Nov-Oct (n)
(1) Residential Non-Heating	24,595	36,494	45,636	49,655	38,800	32,722	17,627	14,729	12,134	11,633	11,842	14,932	310,797
(2) Residential Heating	1,449,312	2,596,057	3,498,553	3,915,982	2,891,087	2,317,355	851,793	573,936	453,690	433,319	446,697	598,069	20,025,849
(3) Small C&I	131,203	282,550	412,804	497,959	360,161	263,710	114,865	57,952	50,105	39,487	38,085	49,715	2,298,596
(4) Small Transport	11,536	23,373	30,909	36,658	27,174	22,134	10,132	6,469	4,901	3,755	3,717	4,901	184,842
(5) Medium C&I	222,677	392,733	516,336	598,322	458,833	385,399	183,377	136,456	95,356	89,680	91,490	109,410	3,280,069
(6) Med Transport	199,205	302,095	378,565	413,442	325,078	281,684	141,517	102,313	73,956	70,871	72,808	96,863	2,458,396
(7) Large Low Load	33,227	76,910	105,933	127,285	96,299	78,186	33,464	17,298	8,130	7,493	8,041	11,983	604,248
(8) Large Low Load-Transport	202,056	314,133	400,247	421,310	315,722	263,527	112,927	61,653	35,440	33,215	36,878	72,549	2,269,656
(9) Large High Load	17,687	21,288	28,468	32,766	28,409	25,367	20,339	15,688	13,142	12,569	14,192	14,340	244,255
(10) Large High Load-Transport	76,155	94,673	122,240	131,148	120,401	105,475	85,982	74,469	73,198	67,817	72,258	73,605	1,097,421
(11) XL Low Load	6,615	9,610	10,577	11,182	11,931	10,400	4,532	2,404	1,288	1,206	1,158	2,457	73,361
(12) XL Low Load-Transport	139,416	170,966	208,928	191,732	151,429	121,600	48,167	25,644	22,172	22,945	27,121	65,836	1,195,958
(13) XL High Load	6,814	14,317	11,500	9,181	5,679	5,061	6,710	7,993	7,228	6,636	7,300	6,523	94,943
(14) XL High Load-Transport	487,308	530,839	565,303	569,455	533,886	501,257	453,238	415,066	412,284	423,828	426,513	438,880	5,757,858
(15) Total	3,007,805	4,866,038	6,336,000	7,006,078	5,364,890	4,413,877	2,084,669	1,512,071	1,262,205	1,224,455	1,258,101	1,560,062	39,896,251
(16) HLF	612,559	697,611	773,147	792,206	727,175	669,882	583,896	527,945	517,987	522,484	532,105	548,280	7,505,275
(17) LLF	2,395,246	4,168,427	5,562,853	6,213,872	4,637,715	3,743,995	1,500,774	984,125	744,218	701,971	725,996	1,011,782	32,390,976
Baseload													
(18) Residential Non-Heating	11,612	11,999	11,999	10,838	11,999	11,612	11,999	11,612	11,999	11,633	11,612	11,999	140,909
(19) Residential Heating	434,904	449,401	449,401	405,911	449,401	434,904	449,401	434,904	449,401	433,319	434,904	449,401	5,275,253
(20) Small C&I	41,634	43,022	43,022	38,858	43,022	41,634	43,022	41,634	43,022	39,487	38,085	43,022	499,463
(21) Small Transport	3,768	3,893	3,893	3,517	3,893	3,768	3,893	3,768	3,893	3,755	3,717	3,893	45,654
(22) Medium C&I	90,172	93,177	93,177	84,160	93,177	90,172	93,177	90,172	93,177	89,680	90,172	93,177	1,093,592
(23) Med Transport	70,968	73,333	73,333	66,236	73,333	70,968	73,333	70,968	73,333	70,871	70,968	73,333	860,977
(24) Large Low Load	7,716	7,974	7,974	7,202	7,974	7,716	7,974	7,716	7,974	7,493	7,716	7,974	93,401
(25) Large Low Load-Transport	34,413	35,560	35,560	32,119	35,560	34,413	35,560	34,413	35,560	33,215	34,413	35,560	416,224
(26) Large High Load	13,012	13,445	13,445	12,144	13,445	13,012	13,445	13,012	13,445	12,569	13,012	13,445	157,129
(27) Large High Load-Transport	69,546	71,864	71,864	64,909	71,864	69,546	71,864	69,546	71,864	67,817	69,546	71,864	842,093
(28) XL Low Load	1,191	1,231	1,231	1,112	1,231	1,191	1,231	1,191	1,231	1,206	1,158	1,231	14,432
(29) XL Low Load-Transport	23,556	24,341	24,341	21,986	24,341	23,556	24,341	23,556	24,341	22,945	23,556	24,341	283,033
(30) XL High Load	6,814	7,131	7,131	6,441	7,131	6,814	7,131	6,814	7,131	6,636	6,901	7,131	79,062
(31) XL High Load-Transport	411,726	425,450	425,450	384,277	425,450	411,726	425,450	411,726	425,450	411,726	411,726	425,450	4,994,542
(32) Total	1,221,031	1,261,822	1,261,822	1,139,710	1,260,369	1,219,277	1,261,400	1,221,118	1,246,063	1,224,455	1,217,486	1,261,213	14,795,765
(33) HLF	512,709	529,889	529,889	478,610	528,437	510,956	529,468	512,796	516,420	522,484	512,796	529,281	6,213,736
(34) LLF	708,321	731,932	731,932	661,100	731,932	708,321	731,932	708,321	729,643	701,971	704,690	731,932	8,582,029

The Narragansett Electric Company
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Derivation of Monthly Design Sales

Heat Volumes

	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Nov-Oct (n)
(35) Residential Non-Heating	12,983	24,495	33,637	38,818	26,801	21,110	5,628	3,117	135	0	231	2,933	169,888
(36) Residential Heating	1,014,408	2,146,656	3,049,152	3,510,071	2,441,686	1,882,451	402,392	139,031	4,289	0	11,793	148,668	14,750,597
(37) Small C&I	89,569	239,528	369,782	459,101	317,139	222,076	71,843	16,318	7,083	0	0	6,693	1,799,134
(38) Small Transport	7,768	19,480	27,016	33,141	23,281	18,366	6,239	2,701	189	0	0	1,008	139,188
(39) Medium C&I	132,505	299,556	423,159	514,161	365,656	295,227	90,200	46,284	2,178	0	1,319	16,232	2,186,477
(40) Med Transport	128,238	228,762	305,232	347,205	251,745	210,716	68,184	31,346	623	0	1,840	23,529	1,597,419
(41) Large Low Load	25,510	68,937	97,959	120,083	88,325	70,469	25,490	9,581	156	0	325	4,010	510,846
(42) Large Low Load- Transport	167,643	278,573	364,687	389,191	280,162	229,114	77,367	27,241	0	0	2,465	36,989	1,853,432
(43) Large High Load	4,675	7,842	15,023	20,622	14,964	12,355	6,894	2,676	0	0	1,180	894	87,126
(44) Large High Load- Transport	6,609	22,809	50,376	66,239	48,537	35,929	14,118	4,923	1,334	0	2,712	1,741	255,328
(45) XL Low Load	5,424	8,379	9,347	10,071	10,701	9,209	3,302	1,214	57	0	0	1,226	58,929
(46) XL Low Load-Transport	115,860	146,625	184,587	169,746	127,088	98,044	23,826	2,088	0	0	3,565	41,495	912,925
(47) XL High Load	0	7,185	4,369	2,740	0	0	0	1,092	97	0	398	0	15,881
(48) XL High Load-Transport	75,582	105,389	139,853	185,178	108,436	89,532	27,788	3,340	0	0	14,787	13,430	763,315
(49) Total	1,786,774	3,604,216	5,074,178	5,866,368	4,104,522	3,194,600	823,269	290,953	16,141	0	40,615	298,849	25,100,486
(50) HLF	99,849	167,721	243,258	313,596	198,739	158,926	54,428	15,149	1,566	0	19,308	18,999	1,291,539
(51) LLF	1,686,925	3,436,495	4,830,920	5,552,772	3,905,783	3,035,674	768,842	275,804	14,575	0	21,307	279,850	23,808,947
(52) Normal Billing DD	437	760	1011	1125	835	673	262	131	19	0	13	156	5422

Heat Factors

	Nov-22 (b)	Dec-22 (c)	Jan-23 (d)	Feb-23 (e)	Mar-23 (f)	Apr-23 (g)	May-23 (h)	Jun-23 (i)	Jul-23 (j)	Aug-23 (k)	Sep-23 (l)	Oct-23 (m)	Nov-Oct
(53) Residential Non-Heating	30	32	33	35	32	31	21	24	7	0	18	19	31
(54) Residential Heating	2,321	2,825	3,016	3,120	2,924	2,797	1,536	1,061	226	0	907	953	2,721
(55) Small C&I	205	315	366	408	380	330	274	125	373	0	0	43	332
(56) Small Transport	18	26	27	29	28	27	24	21	10	0	0	6	26
(57) Medium C&I	303	394	419	457	438	439	344	353	115	0	101	104	403
(58) Med Transport	293	301	302	309	301	313	260	239	33	0	142	151	295
(59) Large Low Load	58	91	97	107	106	105	97	73	8	0	25	26	94
(60) Large Low Load- Transport	384	367	361	346	336	340	295	208	0	0	190	237	342
(61) Large High Load	11	10	15	18	18	18	26	20	0	0	91	6	16
(62) Large High Load- Transport	15	30	50	59	58	53	54	38	70	0	209	11	47
(63) XL Low Load	12	11	9	9	13	14	13	9	3	0	0	8	11
(64) XL Low Load-Transport	265	193	183	151	152	146	91	16	0	0	274	266	168
(65) XL High Load	0	9	4	2	0	0	0	8	5	0	31	0	3
(66) XL High Load-Transport	173	139	138	165	130	133	106	25	0	0	1,137	86	141
(67) Total	4,089	4,742	5,019	5,215	4,916	4,747	3,142	2,221	850	0	3,124	1,916	4,629
(68) Normal Billing DD	437	760	1,011	1,125	835	673	262	131	19	-	13	156	5422
(69) Design Billing DD	495	883	1,176	1,308	958	771	292	154	27	-	9	177	6250

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Derivation of Monthly Design Sales
Design Sales

		Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-Oct
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
(70)	Residential Non-Heating	26,318	40,458	51,125	55,970	42,748	35,796	18,271	15,276	11,999	11,633	11,771	15,326	336,692
(71)	Residential Heating	1,583,947	2,943,476	3,996,189	4,486,954	3,250,761	2,591,472	897,868	598,346	449,401	433,319	443,068	618,082	22,292,883
(72)	Small C&I	143,091	321,316	473,154	572,639	406,878	296,048	123,091	60,817	43,022	39,487	38,085	50,616	2,568,244
(73)	Small Transport	12,567	26,526	35,319	42,049	30,604	24,808	10,847	6,943	3,893	3,755	3,717	5,037	206,065
(74)	Medium C&I	240,263	441,214	585,398	681,959	512,696	428,589	193,705	144,582	93,177	89,680	91,085	111,595	3,613,743
(75)	Med Transport	216,226	339,119	428,380	469,921	362,161	312,368	149,324	107,817	73,333	70,871	72,241	100,030	2,701,790
(76)	Large Low Load	36,612	88,067	121,920	146,819	109,310	88,447	36,382	18,980	7,974	7,493	7,941	12,523	682,468
(77)	Large Low Load- Transport	224,306	359,217	459,766	484,618	356,991	296,890	121,786	66,436	35,440	33,215	36,119	77,529	2,552,313
(78)	Large High Load	18,308	22,557	30,920	36,120	30,614	27,166	21,129	16,158	13,142	12,569	13,829	14,460	256,971
(79)	Large High Load- Transport	77,032	98,365	130,461	141,923	127,551	110,707	87,598	75,333	71,864	67,817	71,423	73,839	1,133,914
(80)	XL Low Load	7,335	10,966	12,103	12,821	13,508	11,741	4,910	2,618	1,231	1,206	1,158	2,622	82,217
(81)	XL Low Load-Transport	154,794	194,696	239,054	219,344	170,150	135,877	50,895	26,010	22,172	22,945	26,024	71,422	1,333,384
(82)	XL High Load	6,814	15,479	12,213	9,627	5,679	5,061	6,710	8,185	7,131	6,636	7,177	6,523	97,237
(83)	XL High Load-Transport	497,339	547,896	588,128	599,577	549,860	514,295	456,420	415,652	412,284	423,828	421,963	440,688	5,867,929
(84)	Total	3,244,951	5,449,352	7,164,130	7,960,341	5,969,509	4,879,064	2,178,937	1,563,154	1,246,063	1,224,455	1,245,604	1,600,292	43,725,851
(85)	HLF	625,811	724,755	812,848	843,218	756,451	693,024	590,128	530,605	516,420	522,484	526,164	550,837	7,692,744
(86)	LLF	2,619,140	4,724,597	6,351,282	7,117,123	5,213,058	4,186,040	1,588,809	1,032,549	729,643	701,971	719,441	1,049,455	36,033,107

Source: Attachment GLF-1

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-20-NG
2022 GAS COST RECOVERY FILING
WITNESS: PETER R. BLAZUNAS**

Attachment PRB-3 Revised

Projected Gas Cost Balances

Attachment PRB-4 Revised

Bill Impact Analysis

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Bill Impact Analysis with Various Levels of Consumption
Including One-Time Per Customer Bill Credit (\$64.15)

Residential Heating:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(1)											
(2)											
(3)											
(4)											
(5)	548	\$1,117.62	\$71.00	6.8%	\$38.05	\$94.97	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2.13
(6)	608	\$1,227.19	\$85.99	7.5%	\$42.19	\$105.37	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2.58
(7)	667	\$1,334.95	\$100.74	8.2%	\$46.27	\$115.60	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3.02
(8)	726	\$1,442.72	\$115.54	8.7%	\$50.37	\$125.85	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3.47
(9)	785	\$1,550.39	\$130.27	9.2%	\$54.48	\$136.03	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3.91
(10)	845	\$1,659.97	\$145.29	9.6%	\$58.66	\$146.42	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4.36
(11)	905	\$1,769.59	\$160.30	10.0%	\$62.81	\$156.83	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4.81
(12)	964	\$1,877.29	\$175.09	10.3%	\$66.91	\$167.08	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5.25
(13)	1,023	\$1,985.01	\$189.80	10.6%	\$70.98	\$177.28	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5.69
(14)	1,082	\$2,092.79	\$204.58	10.8%	\$75.09	\$187.50	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6.14
(15)	1,142	\$2,202.39	\$219.59	11.1%	\$79.25	\$197.90	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6.59

Residential Heating Low Income:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(16)												
(17)												
(18)												
(19)												
(20)	548	\$811.58	\$34.71	4.5%	\$38.05	(\$32.61)	\$92.37	\$0.00	\$0.00	(\$64.15)	\$0.00	\$1.04
(21)	608	\$892.66	\$45.73	5.4%	\$42.19	(\$36.17)	\$102.49	\$0.00	\$0.00	(\$64.15)	\$0.00	\$1.37
(22)	667	\$972.40	\$56.57	6.2%	\$46.27	(\$39.68)	\$112.43	\$0.00	\$0.00	(\$64.15)	\$0.00	\$1.70
(23)	726	\$1,052.13	\$67.44	6.8%	\$50.37	(\$43.19)	\$122.38	\$0.00	\$0.00	(\$64.15)	\$0.00	\$2.02
(24)	785	\$1,131.81	\$78.32	7.4%	\$54.48	(\$46.71)	\$132.35	\$0.00	\$0.00	(\$64.15)	\$0.00	\$2.35
(25)	845	\$1,212.91	\$89.37	8.0%	\$58.66	(\$50.28)	\$142.46	\$0.00	\$0.00	(\$64.15)	\$0.00	\$2.68
(26)	905	\$1,294.01	\$100.41	8.4%	\$62.81	(\$53.85)	\$152.59	\$0.00	\$0.00	(\$64.15)	\$0.00	\$3.01
(27)	964	\$1,373.68	\$111.25	8.8%	\$66.91	(\$57.36)	\$162.51	\$0.00	\$0.00	(\$64.15)	\$0.00	\$3.34
(28)	1,023	\$1,453.40	\$122.09	9.2%	\$70.98	(\$60.86)	\$172.45	\$0.00	\$0.00	(\$64.15)	\$0.00	\$3.66
(29)	1,082	\$1,533.15	\$132.97	9.5%	\$75.09	(\$64.38)	\$182.42	\$0.00	\$0.00	(\$64.15)	\$0.00	\$3.99
(30)	1,142	\$1,614.26	\$144.03	9.8%	\$79.25	(\$67.95)	\$192.56	\$0.00	\$0.00	(\$64.15)	\$0.00	\$4.32

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Bill Impact Analysis with Various Levels of Consumption
Including One-Time Per Customer Bill Credit (\$64.15)

Residential Non-Heating:

(31)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(32)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(33)	144	\$374.34	\$394.63	(\$20.29)	-5.1%	\$10.40	\$34.07	\$0.00	\$0.00	\$0.00	(\$64.15)	(\$0.61)
(34)	158	\$399.38	\$415.20	(\$15.81)	-3.8%	\$11.43	\$37.38	\$0.00	\$0.00	\$0.00	(\$64.15)	(\$0.47)
(35)	172	\$424.45	\$435.80	(\$11.35)	-2.6%	\$12.43	\$40.71	\$0.00	\$0.00	\$0.00	(\$64.15)	(\$0.34)
(36)	189	\$454.85	\$460.75	(\$5.91)	-1.3%	\$13.68	\$44.74	\$0.00	\$0.00	\$0.00	(\$64.15)	(\$0.18)
(37)	202	\$478.11	\$479.89	(\$1.77)	-0.4%	\$14.62	\$47.81	\$0.00	\$0.00	\$0.00	(\$64.15)	(\$0.05)
(38)	220	\$510.28	\$506.36	\$3.92	0.8%	\$15.89	\$52.06	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.12
(39)	238	\$542.48	\$532.81	\$9.67	1.8%	\$17.23	\$56.30	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.29
(40)	251	\$565.74	\$551.92	\$13.82	2.5%	\$18.18	\$59.38	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.41
(41)	268	\$596.13	\$576.91	\$19.22	3.3%	\$19.38	\$63.41	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.58
(42)	282	\$621.16	\$597.51	\$23.65	4.0%	\$20.38	\$66.71	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.71
(43)	297	\$648.04	\$619.58	\$28.45	4.6%	\$21.47	\$70.28	\$0.00	\$0.00	\$0.00	(\$64.15)	\$0.85

Residential Non-Heating Low Income:

(46)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
(47)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Discount	Base DAC	DAC	ISR	EE	LIHEAP	GET
(48)	144	\$261.56	\$294.04	(\$32.48)	-11.0%	\$10.40	(\$10.88)	\$33.12	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.97)
(49)	158	\$280.10	\$309.29	(\$29.19)	-9.4%	\$11.43	(\$11.95)	\$36.35	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.88)
(50)	172	\$298.63	\$324.54	(\$25.90)	-8.0%	\$12.43	(\$13.01)	\$39.60	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.78)
(51)	189	\$321.12	\$343.05	(\$21.93)	-6.4%	\$13.68	(\$14.29)	\$43.49	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.66)
(52)	202	\$338.34	\$357.23	(\$18.89)	-5.3%	\$14.62	(\$15.28)	\$46.48	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.57)
(53)	220	\$362.13	\$376.82	(\$14.69)	-3.9%	\$15.89	(\$16.64)	\$50.65	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.44)
(54)	238	\$385.94	\$396.40	(\$10.46)	-2.6%	\$17.23	(\$18.00)	\$54.77	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.31)
(55)	251	\$403.14	\$410.57	(\$7.43)	-1.8%	\$18.18	(\$18.98)	\$57.75	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.22)
(56)	268	\$425.64	\$429.10	(\$3.46)	-0.8%	\$19.38	(\$20.27)	\$61.68	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.10)
(57)	282	\$444.15	\$444.35	(\$0.20)	0.0%	\$20.38	(\$21.32)	\$64.90	\$0.00	\$0.00	\$0.00	\$0.00	(\$0.01)
(58)	297	\$464.01	\$460.73	\$3.28	0.7%	\$21.47	(\$22.45)	\$68.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Bill Impact Analysis with Various Levels of Consumption
Including One-Time Per Customer Bill Credit (\$64.15)

C & I Small:

(61)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(62)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(63)	830	\$1,677.39	\$1,535.52	\$141.87	9.2%	\$57.58	\$144.18	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4.26
(64)	919	\$1,830.05	\$1,665.87	\$164.18	9.9%	\$63.77	\$159.63	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4.93
(65)	1,010	\$1,986.27	\$1,799.28	\$186.99	10.4%	\$70.10	\$175.43	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5.61
(66)	1,099	\$2,139.05	\$1,929.74	\$209.31	10.8%	\$76.31	\$190.87	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6.28
(67)	1,187	\$2,290.11	\$2,058.76	\$231.35	11.2%	\$82.37	\$206.19	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6.94
(68)	1,277	\$2,444.53	\$2,190.61	\$253.92	11.6%	\$88.61	\$221.84	\$0.00	\$0.00	\$0.00	(\$64.15)	\$7.62
(69)	1,367	\$2,598.95	\$2,322.50	\$276.45	11.9%	\$94.86	\$237.45	\$0.00	\$0.00	\$0.00	(\$64.15)	\$8.29
(70)	1,456	\$2,751.68	\$2,452.94	\$298.74	12.2%	\$101.02	\$252.91	\$0.00	\$0.00	\$0.00	(\$64.15)	\$8.96
(71)	1,544	\$2,902.79	\$2,581.97	\$320.81	12.4%	\$107.14	\$268.20	\$0.00	\$0.00	\$0.00	(\$64.15)	\$9.62
(72)	1,635	\$3,058.97	\$2,715.34	\$343.63	12.7%	\$113.48	\$283.99	\$0.00	\$0.00	\$0.00	(\$64.15)	\$10.31
(73)	1,725	\$3,213.43	\$2,847.25	\$366.19	12.9%	\$119.72	\$299.63	\$0.00	\$0.00	\$0.00	(\$64.15)	\$10.99

C & I Medium:

(76)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(77)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(78)	6,907	\$11,430.51	\$9,799.07	\$1,631.44	16.6%	\$479.35	\$1,167.30	\$0.00	\$0.00	\$0.00	(\$64.15)	\$48.94
(79)	7,650	\$12,553.17	\$10,739.16	\$1,814.01	16.9%	\$530.90	\$1,292.84	\$0.00	\$0.00	\$0.00	(\$64.15)	\$54.42
(80)	8,391	\$13,672.40	\$11,676.25	\$1,996.14	17.1%	\$582.33	\$1,418.08	\$0.00	\$0.00	\$0.00	(\$64.15)	\$59.88
(81)	9,136	\$14,797.93	\$12,618.68	\$2,179.26	17.3%	\$634.04	\$1,543.99	\$0.00	\$0.00	\$0.00	(\$64.15)	\$65.38
(82)	9,880	\$15,922.08	\$13,559.92	\$2,362.15	17.4%	\$685.70	\$1,669.74	\$0.00	\$0.00	\$0.00	(\$64.15)	\$70.86
(83)	10,623	\$17,044.72	\$14,500.01	\$2,544.71	17.5%	\$737.23	\$1,795.29	\$0.00	\$0.00	\$0.00	(\$64.15)	\$76.34
(84)	11,366	\$18,167.39	\$15,440.06	\$2,727.33	17.7%	\$788.81	\$1,920.85	\$0.00	\$0.00	\$0.00	(\$64.15)	\$81.82
(85)	12,111	\$19,292.95	\$16,382.51	\$2,910.44	17.8%	\$840.51	\$2,046.77	\$0.00	\$0.00	\$0.00	(\$64.15)	\$87.31
(86)	12,855	\$20,417.01	\$17,323.76	\$3,093.26	17.9%	\$892.12	\$2,172.49	\$0.00	\$0.00	\$0.00	(\$64.15)	\$92.80
(87)	13,596	\$21,536.27	\$18,260.88	\$3,275.39	17.9%	\$943.55	\$2,297.73	\$0.00	\$0.00	\$0.00	(\$64.15)	\$98.26
(88)	14,340	\$22,660.39	\$19,202.14	\$3,458.26	18.0%	\$995.21	\$2,423.45	\$0.00	\$0.00	\$0.00	(\$64.15)	\$103.75

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Bill Impact Analysis with Various Levels of Consumption
Including One-Time Per Customer Bill Credit (\$64.15)

C & I LILF Large:

(91)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(92)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(93)	37,587	\$58,357.84	\$49,453.48	\$8,904.36	18.0%	\$2,608.53	\$6,092.85	\$0.00	\$0.00	\$0.00	(\$64.15)	\$267.13
(94)	41,634	\$64,380.57	\$54,510.32	\$9,870.25	18.1%	\$2,889.43	\$6,748.86	\$0.00	\$0.00	\$0.00	(\$64.15)	\$296.11
(95)	45,683	\$70,406.66	\$59,570.13	\$10,836.54	18.2%	\$3,170.39	\$7,405.20	\$0.00	\$0.00	\$0.00	(\$64.15)	\$325.10
(96)	49,731	\$76,431.44	\$64,628.77	\$11,802.67	18.3%	\$3,451.35	\$8,061.39	\$0.00	\$0.00	\$0.00	(\$64.15)	\$354.08
(97)	53,777	\$82,452.77	\$69,684.50	\$12,768.27	18.3%	\$3,732.10	\$8,717.27	\$0.00	\$0.00	\$0.00	(\$64.15)	\$383.05
(98)	57,825	\$88,477.54	\$74,743.18	\$13,734.36	18.4%	\$4,013.05	\$9,373.43	\$0.00	\$0.00	\$0.00	(\$64.15)	\$412.03
(99)	61,873	\$94,502.28	\$79,801.81	\$14,700.46	18.4%	\$4,293.97	\$10,029.63	\$0.00	\$0.00	\$0.00	(\$64.15)	\$441.01
(100)	65,920	\$100,524.95	\$84,858.68	\$15,666.28	18.5%	\$4,574.83	\$10,685.61	\$0.00	\$0.00	\$0.00	(\$64.15)	\$469.99
(101)	69,967	\$106,548.36	\$89,916.22	\$16,632.13	18.5%	\$4,855.69	\$11,341.63	\$0.00	\$0.00	\$0.00	(\$64.15)	\$498.96
(102)	74,016	\$112,574.48	\$94,975.93	\$17,598.56	18.5%	\$5,136.73	\$11,998.02	\$0.00	\$0.00	\$0.00	(\$64.15)	\$527.96
(103)	78,063	\$118,597.18	\$100,032.82	\$18,564.36	18.6%	\$5,417.57	\$12,654.01	\$0.00	\$0.00	\$0.00	(\$64.15)	\$556.93

C & I HILF Large:

(106)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(107)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(108)	41,956	\$56,685.14	\$47,166.29	\$9,518.85	20.2%	\$3,033.40	\$6,264.03	\$0.00	\$0.00	\$0.00	(\$64.15)	\$285.57
(109)	46,471	\$62,525.19	\$51,974.89	\$10,550.30	20.3%	\$3,359.84	\$6,938.10	\$0.00	\$0.00	\$0.00	(\$64.15)	\$316.51
(110)	50,991	\$68,371.20	\$56,788.22	\$11,582.98	20.4%	\$3,686.67	\$7,612.97	\$0.00	\$0.00	\$0.00	(\$64.15)	\$347.49
(111)	55,507	\$74,212.43	\$61,597.77	\$12,614.66	20.5%	\$4,013.17	\$8,287.20	\$0.00	\$0.00	\$0.00	(\$64.15)	\$378.44
(112)	60,028	\$80,059.66	\$66,412.16	\$13,647.51	20.5%	\$4,340.03	\$8,962.20	\$0.00	\$0.00	\$0.00	(\$64.15)	\$409.43
(113)	64,545	\$85,902.04	\$71,222.67	\$14,679.37	20.6%	\$4,666.58	\$9,636.56	\$0.00	\$0.00	\$0.00	(\$64.15)	\$440.38
(114)	69,062	\$91,744.53	\$76,033.16	\$15,711.37	20.7%	\$4,993.20	\$10,310.98	\$0.00	\$0.00	\$0.00	(\$64.15)	\$471.34
(115)	73,583	\$97,591.76	\$80,847.59	\$16,744.16	20.7%	\$5,320.05	\$10,985.94	\$0.00	\$0.00	\$0.00	(\$64.15)	\$502.32
(116)	78,099	\$103,432.97	\$85,657.10	\$17,775.87	20.8%	\$5,646.57	\$11,660.17	\$0.00	\$0.00	\$0.00	(\$64.15)	\$533.28
(117)	82,619	\$109,278.98	\$90,470.48	\$18,808.49	20.8%	\$5,973.36	\$12,335.03	\$0.00	\$0.00	\$0.00	(\$64.15)	\$564.25
(118)	87,137	\$115,123.49	\$95,282.93	\$19,840.56	20.8%	\$6,299.98	\$13,009.51	\$0.00	\$0.00	\$0.00	(\$64.15)	\$595.22

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Bill Impact Analysis with Various Levels of Consumption
Including One-Time Per Customer Bill Credit (\$64.15)

C & I LILF Extra-Large:

(121)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(122)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(123)	233,835	\$291,636.57	\$236,474.26	\$55,162.31	23.3%	\$16,228.15	\$37,343.44	\$0.00	\$0.00	\$0.00	(\$64.15)	\$1,654.87
(124)	259,019	\$322,385.41	\$261,274.98	\$61,110.43	23.4%	\$17,975.93	\$41,365.34	\$0.00	\$0.00	\$0.00	(\$64.15)	\$1,833.31
(125)	284,197	\$353,127.59	\$286,070.47	\$67,057.11	23.4%	\$19,723.29	\$45,386.26	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,011.71
(126)	309,381	\$383,876.43	\$310,871.23	\$73,005.20	23.5%	\$21,471.04	\$49,408.15	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,190.16
(127)	334,562	\$414,621.94	\$335,669.34	\$78,952.60	23.5%	\$23,218.60	\$53,429.57	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,368.58
(128)	359,745	\$445,369.66	\$360,469.22	\$84,900.43	23.6%	\$24,966.30	\$57,451.27	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,547.01
(129)	384,928	\$476,117.40	\$385,269.11	\$90,848.30	23.6%	\$26,714.01	\$61,472.99	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,725.45
(130)	410,110	\$506,864.03	\$410,068.10	\$96,795.93	23.6%	\$28,461.63	\$65,494.57	\$0.00	\$0.00	\$0.00	(\$64.15)	\$2,903.88
(131)	435,293	\$537,611.80	\$434,867.98	\$102,743.81	23.6%	\$30,209.33	\$69,516.32	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3,082.31
(132)	460,471	\$568,353.91	\$459,663.44	\$108,690.47	23.6%	\$31,956.68	\$73,537.23	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3,260.71
(133)	485,655	\$599,102.80	\$484,464.24	\$114,638.56	23.7%	\$33,704.47	\$77,559.08	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3,439.16

C & I HILF Extra-Large:

(136)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
(137)	Annual Consumption (Therms)	Proposed Rates	Current Rates	Difference	% Chg	GCR	Base DAC	ISR	EE	LIHEAP	Customer Bill Credit	GET
(138)	486,528	\$538,040.50	\$426,405.81	\$111,634.69	26.2%	\$35,175.97	\$73,173.83	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3,349.04
(139)	538,924	\$595,324.29	\$471,660.17	\$123,664.12	26.2%	\$38,964.18	\$81,054.17	\$0.00	\$0.00	\$0.00	(\$64.15)	\$3,709.92
(140)	591,320	\$652,607.28	\$516,913.63	\$135,693.65	26.3%	\$42,752.46	\$88,934.53	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4,070.81
(141)	643,718	\$709,893.03	\$562,169.50	\$147,723.53	26.3%	\$46,540.78	\$96,815.19	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4,431.71
(142)	696,109	\$767,170.93	\$607,419.05	\$159,751.88	26.3%	\$50,328.66	\$104,694.81	\$0.00	\$0.00	\$0.00	(\$64.15)	\$4,792.56
(143)	748,506	\$824,455.73	\$652,674.13	\$171,781.60	26.3%	\$54,117.01	\$112,575.29	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5,153.45
(144)	800,903	\$881,740.47	\$697,929.19	\$183,811.28	26.3%	\$57,905.27	\$120,455.82	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5,514.34
(145)	853,294	\$939,018.36	\$743,178.72	\$195,839.64	26.4%	\$61,693.17	\$128,335.43	\$0.00	\$0.00	\$0.00	(\$64.15)	\$5,875.19
(146)	905,692	\$996,304.15	\$788,434.63	\$207,869.53	26.4%	\$65,481.53	\$136,216.06	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6,236.09
(147)	958,088	\$1,053,587.12	\$833,688.08	\$219,899.04	26.4%	\$69,269.77	\$144,096.45	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6,596.97
(148)	1,010,485	\$1,110,871.86	\$878,943.16	\$231,928.70	26.4%	\$73,058.04	\$151,976.95	\$0.00	\$0.00	\$0.00	(\$64.15)	\$6,957.86

Attachment PRB-5 Revised

FT-2 Demand Rate

**The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Summary of Marketer Transportation Factors**

	<u>Item</u> (a)	<u>Reference</u> (b)	<u>Proposed</u> (c)	<u>Billing Units</u> (d)
(1) FT-2 Demand Usage (Dt) Nov 2021 - Oct 2022		Pg 2, Line (21)	\$14.8234	Dth/Mth
(2) Storage and Peaking charge for FT-1 firm transportation Customers eligible for TSS		Pg 3, Line (5)	\$1.1691	Per Dth

The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Calculation of FT- 2 Demand Rate (per Dth)

Description (a)	Source		Amount (d)
	Reference (b)	Line # (c)	
(1) Storage Fixed Costs	PRB-1 Revised pg 5	Line (56)	\$96,322,922
Less:			
(2) System Pressure to DAC			(\$68,657,362)
(3) Credits			\$0
(4) Refunds			\$0
(5) Total Credits	Sum [(2)-(4)]		(\$68,657,362)
Plus:			
(6) Supply Related LNG O&M Costs	PRB-1 Revised Pg 2	Line (8)	\$829,823
(7) Working Capital Requirement	PRB-1 Revised pg 10	Line (47)	\$201,297
(8) ██████████	PRB-1 Revised pg 4	Line (17)	\$1,229,040
(9) Total Additions	Sum [(6)-(8)]		\$2,260,160
(10) Total Storage Fixed Costs	(1) + (5) + (9)		\$29,925,720
Inventory Financing			
(11) Underground	PRB-1 Revised pg 11	Line (12)	\$763,746
(12) LNG	PRB-1 Revised pg 11	Line (22)	\$194,799
(13) Total Storage Fixed Costs	(10) + (11) + (12)		\$30,884,265
(14) LNG Storage MDQ (Dth)	PRB-1 Revised pg 13	Line (14)	████████
(15) AGT Storage	GSP-1 Revised		████████
(16) TGP Storage	GSP-1 Revised		████████
(17) Total Storage MDQ	Sum [(14)-(16)]		████████
(18) Storage MDQ X 12 Months	(17) x 12		████████ MDCQ Dth
(19) FT- 2 Demand Rate	(13) ÷ (18)		\$14 5404 per MDCQ Dth
(20) Uncollectible %	Docket No 4770		1 91%
(21) Total FT-2 Demand Rate adjusted for Uncollectibles	(19) ÷ [(1 - (20))]		\$14 8234 per MDCQ Dth
(22) MDQ-U	Mkter MDQ Forecast		4,682
(23) MDQ-P	Mkter MDQ Forecast		15,618
(24) Marketer MDQs	(22) + (23)		20,300 Dth/Mth
(25) FT-2 Storage Costs	(19) x (24) x 12 Months		\$3,542,044

(21): Truncated to 4 decimals

**The Narragansett Electric Company
d/b/a Rhode Island Energy
Gas Cost Recovery (GCR) Filing
Calculation of FT-1 Storage and Peaking Charge Applied to Firm Transportation Customers Eligible for TSS**

<u>Description</u> (a)	<u>Source</u>		<u>Amount</u> (d)
	<u>Reference</u> (b)	<u>Line #</u> (c)	
(1) Total Storage Fixed Costs	Pg 2	Line (13)	\$30,884,265
(2) Usage (Dth) Nov 2022 - Oct 2023	PRB-1 Revised, pg 2	Line (15)	26,932,120
(3) Volumetric Rate	(1) ÷ (2)		\$1.1467
(4) Uncollectible %	Docket No. 4770		1.91%
(5) Volumetric Rate Including Uncollectible	(3) ÷ [1 - (4)]		\$1.1691 per dth
(6) Storage & Peaking charge applied to FT-1 customers eligible for TSS	(5) ÷ 10		\$0.1169 per therm

(6): Truncated to 4 decimals.

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-13-NG
DIRECT TESTIMONY OF ENERGY PORTFOLIO MANAGEMENT PANEL**

Attachment EMP-5 Revised

Financial hedge (including Storage Deferral)
discounted mark-to-market (“MTM”) as of August 5, 2022

EPM-5: Financial hedge (including Storage Deferral) discounted mark-to-market (MTM) (revised) as of October 3, 2022

EPM-5: Financial hedge (including Storage Deferral) discounted mark-to-market (MTM) as of October 3, 2022 *

	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023	Oct-2023	Total
NYMEX Hedge MTM	\$ (6,320,027)	\$ (8,977,300)	\$ (9,267,202)	\$ (7,898,229)	\$ (5,584,838)	\$ (2,617,866)	\$ (2,344,889)	\$ (1,709,634)	\$ (1,507,974)	\$ (1,416,913)	\$ (1,363,512)	\$ (1,562,751)	\$ (50,571,136)
Storage Deferral	\$ (428,473)	\$ (2,108,648)	\$ (3,009,050)	\$ (2,481,623)	\$ (1,811,472)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (9,839,265)
Basis Hedge MTM	\$ 537,076	\$ 78,869	\$ (177,335)	\$ (248,296)	\$ (183,657)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,657
Impact of Financial Hedges (includes Storage Deferral)	\$ (6,211,423)	\$ (11,007,079)	\$ (12,453,587)	\$ (10,628,147)	\$ (7,579,967)	\$ (2,617,866)	\$ (2,344,889)	\$ (1,709,634)	\$ (1,507,974)	\$ (1,416,913)	\$ (1,363,512)	\$ (1,562,751)	\$ (60,403,744)

* Positive dollar values denote a cost to the customer, while negative dollar values denote a benefit to the customer at market settlement prices on selected valuation date.

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-13-NG
REVISED SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: PETER R. BLAZUNAS**

Schedule PRB-1S Revised

Summary of DAC Factors

The Narragansett Electric Company
d/b/a Rhode Island Energy
Summary of DAC Factors
Effective November 1, 2022

Section 1: DAC factor (not including annual ISR component) November 1, 2022 - October 31, 2023

			Residential/ Small/ Medium C&I (a)	Large/ X-Large (b)	Residential Low Income (c)
(1) System Pressure (SP)	PRB-2S	\$68,657,362	\$0.1720	\$0.1720	\$0.1720
(2) Environmental Response Cost Factor (ERCF)	PRB-3	\$438,725	\$0.0010	\$0.0010	\$0.0010
(3) Pension Adjustment Factor (PAF)	PRB-4	\$3,143,609	\$0.0078	\$0.0078	\$0.0078
(4) Arrearage Management Adjustment Factor (AMAF)	PRB-5	\$112,061	\$0.0002	\$0.0002	\$0.0002
(5) Service Quality Factor (SQP)	PRB-8	(\$675,000)	(\$0.0016)	(\$0.0016)	(\$0.0016)
(6) Reconciliation Factor (R)	PRB-9S	\$5,138,820	\$0.0132	\$0.0121	\$0.0132
(7) Earnings Sharing Mechanism (ESM)	PRB-11	\$0	\$0.0000	\$0.0000	\$0.0000
(8) Low Income Discount Recovery Factor (LIDRF)	PRB-12S Revised	\$8,934,726	\$0.0234	\$0.0234	n/a
(9) Storm Net Revenue Factor	PRB-13	(\$168,824)	(\$0.0004)	(\$0.0004)	(\$0.0004)
(10) Subtotal	Sum [(1)-(9)]	\$85,581,478	\$0.2156	\$0.2145	\$0.1922
(11) Uncollectible Percentage	Dkt 4770	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>
(12) DAC factors grossed up for uncollectible	(10) ÷ [1-(11)]	\$87,247,913	\$0.2197	\$0.2186	\$0.1959
(13) Revenue Decoupling Adjustment (RDA)	PRB-6	\$7,804,264	\$0.0273	\$0.0000	\$0.0273
(14) Revenue Decoupling Adjustment Reconciliation	PRB-9	<u>\$7,230</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
(15) DAC factor	(12)+(13)+(14)	\$95,059,407	\$0.2470	\$0.2186	\$0.2232

Section 2: DAC factors including annual ISR component

	ISR Reconciliation w/o uncollectible (therms) (a)	Uncollectible Percentage (b)	ISR Reconciliation* (therms) (c) = (a) x [1+(b)]	Base DAC Component* (therms) (d)	DAC Component Subtotal Rates* (therms) (e) = (c) + (d)	ISR Component (therms)* (f)	November 1, 2022 DAC Rates* (therms) (g)
(16) Res-NH	(\$0.0146)	1.91%	(\$0.0148)	\$0.2470	\$0.2322	\$0.1391	\$0.3713
(17) Res-NH-LI	(\$0.0146)	1.91%	(\$0.0148)	\$0.2232	\$0.2084	\$0.1391	\$0.3475
(18) Res-H	(\$0.0146)	1.91%	(\$0.0148)	\$0.2470	\$0.2322	\$0.1391	\$0.3713
(19) Res-H-LI	(\$0.0146)	1.91%	(\$0.0148)	\$0.2232	\$0.2084	\$0.1391	\$0.3475
(20) Small	(\$0.0101)	1.91%	(\$0.0102)	\$0.2470	\$0.2368	\$0.1434	\$0.3802
(21) Medium	(\$0.0056)	1.91%	(\$0.0057)	\$0.2470	\$0.2413	\$0.0833	\$0.3246
(22) Large LL	(\$0.0093)	1.91%	(\$0.0094)	\$0.2186	\$0.2092	\$0.0862	\$0.2954
(23) Large HL	(\$0.0103)	1.91%	(\$0.0104)	\$0.2186	\$0.2082	\$0.0800	\$0.2882
(24) XL-LL	(\$0.0017)	1.91%	(\$0.0017)	\$0.2186	\$0.2169	\$0.0431	\$0.2600
(25) XL-HL	(\$0.0097)	1.91%	(\$0.0098)	\$0.2186	\$0.2088	\$0.0304	\$0.2392

*Factors Include Uncollectible Allowance

- (a) PRB-7S
- (b) Per Docket 4770
- (d) Section 1, Line (15)
- (f) FY23 ISR component per Docket No. 5210, Section 4, Attachment 1, Page 1 of 2

The Narragansett Electric Company
Total Combined Increase of DAC/GCR, As Filed
2022/2023 vs. 2021/2022

	<u>2022/2023</u>	<u>2021/2022</u>	Increase (Decrease)
	(a)	(b)	(c)
(1) System Pressure (SP)	\$68,657,362	\$6,685,225	\$61,972,137
(2) Advanced Gas Technology Program (AGT)	\$0	\$0	\$0
(3) Environmental Response Cost Factor (ERCF)	\$438,725	\$653,054	(\$214,329)
(4) Pension Adjustment Factor (PAF)	\$3,143,609	\$4,584,169	(\$1,440,560)
(5) Arrearage Management Adjustment Factor (AMAF)	\$112,061	\$202,940	(\$90,879)
(6) Service Quality Factor (SQP)	(\$675,000)	(\$75,000)	(\$600,000)
(7) Reconciliation Factor (R)	\$5,138,820	\$589,937	\$4,548,884
(8) Earnings Sharing Mechanism (ESM)	\$0	\$0	\$0
(9) Low Income Discount Recovery Factor (LIDRF)	\$8,934,726	\$6,974,977	\$1,959,749
(10) Gas Storm Restoration Work Credit	(\$168,824)	(\$173,714)	\$4,890
(11) FY 2021 ISR Reconciliation Filing	<u>(\$4,552,377)</u>	<u>(\$6,004,249)</u>	<u>\$1,451,872</u>
(12) Subtotal	\$81,029,102	\$13,437,338	\$67,591,764
(13) Uncollectible Percentage	1.91%	1.91%	
(14) Uncollectible Adjustment	<u>\$1,577,791</u>	<u>\$261,650</u>	<u>\$1,316,141</u>
(15) DAC Including Uncollectible	\$82,606,893	\$13,698,988	\$68,907,905
(16) Revenue Decoupling Adjustment Reconciliation	<u>\$7,230</u>	<u>(\$28,178)</u>	<u>\$35,408</u>
(17) Total DAC Filing	\$82,614,123	\$13,670,810	\$68,943,313
(18) Revenue Decoupling Adjustment (RDA) Filing	\$7,804,264	\$533,563	\$7,270,701
(19) COVID Deferral	<u>\$0</u>	<u>\$9,685,528</u>	<u>(\$9,685,528)</u>
(20) Total DAC Recovery, As Filed	\$90,418,387	\$23,889,901	\$66,528,486
(21) Total GCR Recovery, As Filed	\$180,024,634	<u>\$165,530,098</u>	\$14,494,536
(22) Combined DAC and GCR Recovery	\$270,443,021	\$189,419,999	\$81,023,022

- (1) - (19) (a) Schedule PRB-1S Revised, Page 1, Plus Schedule PRB-7S, Column (h), Line (10) ÷ (1-.0191)
(b) Docket 5165, September 10, 2021 Second Supplemental Filing, Schedule RMS-1 Second Supplemental, Line (16) plus
September 10, 2021 Second Supplemental Filing, Schedule RMS-8S, Column (h), Line (11) ÷ (1-0.0191)
- (20) Sum of Lines (17) through (19)
- (21) (a) Docket 22-20-NG, Attachment PRB-1 Revised, Page 2, Line (12) + Attachment PRB-1 Revised, Page 3, Line (12)
(b) Docket 5165, Attachment PUC 2-1, Page 1, Column (a)
- (22) Line (20) + Line (21)

**THE NARRAGANSETT ELECTRIC COMPANY
d/b/a RHODE ISLAND ENERGY
R.I.P.U.C. DOCKET NO. 22-13-NG
REVISED SUPPLEMENTAL DISTRIBUTION ADJUSTMENT CHARGE FILING
WITNESS: PETER R. BLAZUNAS**

Schedule PRB-12S Revised

Low Income Discount Recovery Factor

**The Narragansett Electric Company
d/b/a Rhode Island Energy
Low Income Discount Recovery Factor
Effective November 1, 2022**

(1)	Estimated Discount Provided, Rate Year	\$8,934,726
(2)	Forecasted Therms, Rate Year	<u>381,499,845</u>
(3)	Low Income Discount Recovery Factor	\$0.0234

- (1) Page 2, Col (g), Line (11)
- (2) Company Forecast excluding Rates 11 and 13
- (3) Line (1) ÷ Line (2), truncated to four decimal places

The Narragansett Electric Company
d/b/a Rhode Island Energy
Calculation of Estimated Gas Low Income Discount

	Rate Year			Rate Year			Total Charges (g)
	Rate 11	Rate 11	Charges (c)	Rate 13	Rate 13	Charges (f)	
	<u>Units</u> (a)	<u>Rate</u> (b)		<u>Units</u> (d)	<u>Rate</u> (e)		
(1) Customer Charge	11,400	\$14.00	\$159,600	276,016	\$14.00	\$3,864,224	\$4,023,824
(2) LIHEAP Enhancement Surcharge	11,400	\$0.79	\$9,006	276,016	\$0.79	\$218,053	\$227,059
(3) Distribution Charge Peak	172,628	\$0.6145	\$106,080	14,086,529	\$0.5933	\$8,357,538	\$8,463,618
(4) Distribution Charge Off Peak				3,203,507	\$0.5317	\$1,703,305	\$1,703,305
(5) DAC	172,628	\$0.3475	\$59,988	17,290,037	\$0.3475	\$6,008,288	\$6,068,276
(6) Energy Efficiency Program Charge	172,628	\$0.1354	<u>\$23,374</u>	17,290,037	\$0.1354	<u>\$2,341,071</u>	<u>\$2,364,445</u>
(7) Total Delivery Service Charges			\$358,048			\$22,492,478	\$22,850,526
(8) Commodity Charge	172,628	\$0.6136	<u>\$105,924</u>	17,290,037	\$0.6831	<u>\$11,810,824</u>	<u>\$11,916,748</u>
(9) Total			\$463,972			\$34,303,303	\$34,767,275
(10) Low Income Discount Percentage			<u>25.6%</u>			<u>25.7%</u>	
(11) Low Income Discount			\$118,777			\$8,815,949	\$8,934,726

Column Descriptions:

Column (a) & (d): Company Forecast

Column (b) & (e), Line (1) & (3): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D

Column (b) & (e), Line (2): Approved LIHEAP surcharge effective January 1, 2022 per Docket 4290

Column (b) & (e), Line (5): Proposed DAC factor effective November 1, 2022 per Docket 22-13-NG

Column (b) & (e), Line (6): Approved EE factor effective January 1, 2022 per Docket 5189

Column (b) & (e), Line (8): Proposed GCR factor effective November 1, 2022 per Docket 22-20-NG

Column (c), Lines (1)-(6), (8): Col (a) * Col (b)

Column (f), Lines (1)-(6), (8): Col (d) * Col (e)

Column (g), Lines (1)-(6), (8): Col (c) + Col (f)

Line (7): Sum of Lines (1):(6)

Line (9): Line (7) + Line (8)

Line (10): RIPUC NG-GAS No. 101, Section 4, Schedule B & Schedule D

Line (11): Line (9) * Line (10)