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March 6, 2023

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket No. 23-03-EL – 2023 Annual Retail Rate Filing
Responses to Public Utilities Commission Data Requests – Set 2 (Full Set)

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”), I have enclosed the Company’s responses to the Public Utilities Commission’s Second Set of Data Requests (Full Set) in the referenced docket.

Thank you for your attention to this matter. If you have any questions, please contact me at (401) 709-3337.

Very truly yours,



Leticia C. Pimentel

Enclosure

cc: Docket 23-03-EL 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

March 6, 2023

Date

**Rhode Island Energy – 2023 Annual Retail Rate Filing - Docket No. 23-03-EL
Service List Updated 2/21/2023**

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PUC 2-1

Request:

Page 1 of Schedule NECO-2 indicates a \$17.2 million LRS under-collection 2022. Commission staff notes that Page 1 of Schedule NECO-2 filed in Docket No. 5234 indicates a \$3.5 million LRS over-collection in 2021, and Page 1 of Schedule NG-2 filed in Docket No. 5127 indicates a \$9.8 million LRS over-collection in 2020. Please explain the factors that contributed to the Company under-collecting \$17.2 million in 2022 and explain why the under-collection was so significant compared to the over-collections of the prior two calendar years.

Response:

Please see the Company's response to DIV 1-5. The under or over-recovery is primarily caused by two factors: rate design and the procurement of capacity costs. First, the Company bills most customers for Last Resort Service at fixed rates which are based on a weighting of monthly prices at which the Company has procured power on behalf of its customers via the approved Last Resort Service Procurement Plan. In some months, the fixed rate billed is higher than the underlying cost and in other months it is lower than the underlying cost. The Company designs Last Resort Service rates to collect all costs over the six month period; however actual monthly consumption based on forecasts that the Company used to calculate rates contribute into an over or under recovery. As a result, depending on whether the actual consumption was higher or lower than the fixed rate during a year, this can result in differences between years.

Also, in Docket No. 5234 in 2021, capacity costs were over-collected by \$8.8 million and in Docket No. 5127 in 2020, capacity costs were \$3.1 million over-collected contributing to the overall over-collection in both years. Conversely, in Docket No. 23-03-EL in 2022, capacity costs were under-collected by \$7.0 million contributing to the under recovery for that period.

PUC 2-2

Request:

Please provide the most up-to-date projection for the over- or under-recovery of LRS expenses during the 2022/2023 winter period.

Response:

Please see Attachment PUC 2-2 for the most up-to-date information available through February 2023. The Company updated actual billed revenue for the months of January and February. Also, the Company updated actual LRS expense amounts for January 2023. However, the LRS invoices are available on a one-month lag, February 2023 will not be available until the end March.

Please see Schedule NECO-2, Pages 1 through 4, in the Company's 2023 Annual Retail Rate filing, for the October 2022 through December 2022 over or under-recovery amounts.

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023
BASE RECONCILIATION - ALL CLASSES

		Beginning Balance (a)	LRS Revenue (b)	LRS Expense (c)	Monthly Over/(Under) (d)	Ending Balance (e)	Over/(Under) Ending Balance w/ Unbilled Revenue (f)
(1)	Jan-23	\$0	\$27,367,074	\$55,156,660	(\$27,789,586)	(\$27,789,586)	\$1,985,239
(2)	Feb-23	(\$27,789,586)	\$54,136,045	\$0	\$54,136,045	\$26,346,459	\$26,346,459
(3)	Mar-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(4)	Apr-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(5)	May-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(6)	Jun-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(7)	Jul-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(8)	Aug-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(9)	Sep-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(10)	Oct-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(11)	Nov-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(12)	Dec-23	\$26,346,459	\$0	\$0	\$0	\$26,346,459	\$26,346,459
(13)	Jan-24	<u>\$26,346,459</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$26,346,459</u>	\$26,346,459
	Subtotal	\$0	\$81,503,119	\$55,156,660	\$26,346,459	\$26,346,459	\$26,346,459

(1) Reflects revenues based on kWhs delivered after January 1

(13) Reflects revenues based on kWhs delivered prior to January 1

(a) Beginning balance: Sum of beginning balances, Pages 2 through 4
Column (e) from previous row

(b) Pages 2, 3 and 4, Column (b)

(c) Pages 2, 3 and 4, Column (c)

(d) Column (b) - Column (c)

(e) Column (a) + Column (d)

(f) Column (e) + 55% of following month Column (b)

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023
Base Reconciliation - By Customer Group

Residential						
	Beginning Balance	Revenue	Expense	Monthly Over/(Under)	Ending Balance	Over/(Under) Ending Balance w/ Unbilled Revenue
	(a)	(b)	(c)	(d)	(e)	(f)
(1) Jan-23	\$0	\$19,386,724	\$37,652,357	(\$18,265,633)	(\$18,265,633)	\$2,399,664
(2) Feb-23	(\$18,265,633)	\$37,573,267	\$0	\$37,573,267	\$19,307,634	\$19,307,634
(3) Mar-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(4) Apr-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(5) May-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(6) Jun-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(7) Jul-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(8) Aug-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(9) Sep-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(10) Oct-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(11) Nov-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(12) Dec-23	\$19,307,634	\$0	\$0	\$0	\$19,307,634	\$19,307,634
(13) Jan-24	\$19,307,634	\$0		\$0	\$19,307,634	\$19,307,634

- (1) Reflects revenues based on kWhs delivered after January 1
(13) Reflects revenues based on kWhs delivered prior to January 1

- (a) Column (e) from previous row
(b) Page 5, Column (a) - Residential
(c) Page 6, Column (e) - Residential
(d) Column (b) - Column (c)
(e) Column (a) + Column (d)
(f) Column (e) + 55% of following month Column (b)

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023
Base Reconciliation - By Customer Group

Commercial						
	Beginning Balance	Revenue	Expense	Monthly Over/(Under)	Ending Balance	Over/(Under) Ending Balance w/ Unbilled Revenue
	(a)	(b)	(c)	(d)	(e)	(f)
(1) Jan-23	\$0	\$5,325,648	\$12,172,944	(\$6,847,296)	(\$6,847,296)	\$116,234
(2) Feb-23	(\$6,847,296)	\$12,660,963	\$0	\$12,660,963	\$5,813,667	\$5,813,667
(3) Mar-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(4) Apr-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(5) May-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(6) Jun-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(7) Jul-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(8) Aug-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(9) Sep-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(10) Oct-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(11) Nov-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(12) Dec-23	\$5,813,667	\$0	\$0	\$0	\$5,813,667	\$5,813,667
(13) Jan-24	\$5,813,667	\$0		\$0	\$5,813,667	\$5,813,667

- (1) Reflects revenues based on kWhs delivered after January 1
(13) Reflects revenues based on kWhs delivered prior to January 1

- (a) Column (e) from previous row
(b) Page 5, Column (c) - Commercial
(c) Page 6, Column (e) - Commercial
(d) Column (b) - Column (c)
(e) Column (a) + Column (d)
(f) Column (e) + 55% of following month Column (b)

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023
Base Reconciliation - By Customer Group

Industrial						
	Beginning Balance (a)	Revenue (b)	Expense (c)	Monthly Over/(Under) (d)	Ending Balance (e)	Over/(Under) Ending Balance w/ Unbilled Revenue (f)
(1) Jan-23	\$0	\$2,654,702	\$5,331,359	(\$2,676,657)	(\$2,676,657)	(\$530,659)
(2) Feb-23	(\$2,676,657)	\$3,901,815	\$0	\$3,901,815	\$1,225,158	\$1,225,158
(3) Mar-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(4) Apr-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(5) May-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(6) Jun-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(7) Jul-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(8) Aug-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(9) Sep-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(10) Oct-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(11) Nov-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(12) Dec-23	\$1,225,158	\$0	\$0	\$0	\$1,225,158	\$1,225,158
(13) Jan-24	\$1,225,158	\$0		\$0	\$1,225,158	\$1,225,158

- (1) Reflects revenues based on kWhs delivered after January 1
(13) Reflects revenues based on kWhs delivered prior to January 1

- (a) Column (e) from previous row
(b) Page 5, Column (c) - Industrial
(c) Page 6, Column (e) - Industrial
(d) Column (b) - Column (c)
(e) Column (a) + Column (d)
(f) Column (e) + 55% of following month Column (b)

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023

Revenue

		Residential	Commercial			Industrial			Grand
		Total Base Revenues	Base Revenues	HVM Discount	Total Base Revenues	Base Revenues	HVM Discount	Total Base Revenues	Total Base Revenue
		(a)	(a)	(b)	(c)	(a)	(b)	(c)	(d)
(1)	Jan-23	\$19,386,724	\$5,326,376	(\$728)	\$5,325,648	\$2,664,405	(\$9,703)	\$2,654,702	\$27,367,074
(2)	Feb-23	\$37,573,267	\$12,660,963	\$0	\$12,660,963	\$3,901,815	\$0	\$3,901,815	\$54,136,045
(3)	Mar-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(4)	Apr-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(5)	May-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(6)	Jun-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(7)	Jul-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(8)	Aug-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(9)	Sep-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(10)	Oct-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(11)	Nov-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(12)	Dec-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(13)	Jan-24	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(14)	Total	\$56,959,991	\$17,987,339	(\$728)	\$17,986,611	\$6,566,220	(\$9,703)	\$6,556,517	\$81,503,119

(1) Reflects revenues based on kWhs delivered after January 1

(13) Reflects revenues based on kWhs delivered prior to January 1

(a) Monthly revenue reports

(b) Monthly revenue reports

(c) Column (a) + Column (b)

(d) Residential Column (a) + Commercial Column (c) + Industrial Column (c)

The Narragansett Electric Company
LAST RESORT SERVICE RECONCILIATION
For the Period January 1, 2023 through December 31, 2023

Expense

	Residential					Commercial					Industrial					Grand Total Expense
	Base Last Resort Expense	Capacity Charges	Supplier Reallocations & Other	Spot Market Purchases	Total	Base Last Resort Expense	Capacity Charges	Supplier Reallocations & Other	Spot Market Purchases	Total	Base Last Resort Expense	Capacity Charges	Supplier Reallocations & Other	Total		
	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(e)	(a)	(b)	(c)	(d)	(f)	
(1) Jan-23	\$29,787,950	\$5,499,177	(\$1,175)	\$2,366,405	\$37,652,357	\$9,737,730	\$1,597,302	\$56,283	\$781,629	\$12,172,944	\$5,193,310	\$243,204	(\$105,155)	\$5,331,359	\$55,156,660	
(2) Feb-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(3) Mar-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(4) Apr-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(5) May-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(6) Jun-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(7) Jul-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(8) Aug-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(9) Sep-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(10) Oct-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(11) Nov-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(12) Dec-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
(13) Total	\$29,787,950	\$5,499,177	(\$1,175)	\$2,366,405	\$37,652,357	\$9,737,730	\$1,597,302	\$56,283	\$781,629	\$12,172,944	\$5,193,310	\$243,204	(\$105,155)	\$5,331,359	\$55,156,660	

(a) Monthly Last Resort Service invoices

(b) Monthly Last Resort Service invoices

(c) Monthly Last Resort Service invoices

(d) Monthly ISO New England bills

(e) Column (a) + Column (b) + Column (c) + Column (d)

(f) Residential Column (e) + Commercial Column (e) + Industrial Column (d)

PUC 2-3

Request:

Referencing page 2 of Schedule NECO-3, please explain footnote 17 in greater detail. How did the Company derive the estimates for 2022 LRS kWhs “associated with the 7 municipalities implementing aggregations”? Please provide any supporting calculations and analyses.

Response:

As described in the joint pre-filed direct testimony of Company witnesses Peter Blazunas, Nolan Souza, Jeffrey Oliveira, and Erica Russell Salk, Page 17 of 48, Lines 11 through 20, the Company is aware of seven municipalities approved for aggregations to be implemented on May 1, 2023. As such the Company took this into consideration and adjusted the forecasted LRS kWh deliveries used in the calculation of the LRS Administrative Cost Factors for the anticipated shift of LRS kWh to Competitive Supply. The Company derived the “estimates for the 2022 LRS kWh associated with the 7 municipalities implementing aggregations” on Schedule NECO-3, Page 12, Line 17 by using the actual Calendar Year (“CY”) 2022 LRS kWh consumption data for these 7 municipalities.

Please see the Company's response to data request Division 1-7 for the breakdown by rate class of CY 2022 kWh deliveries by month. Each table in the response includes a column titled “LRS for 7 municipal aggregation” that represents the actual CY 2022 LRS kWh deliveries for the 7 municipalities approved for municipal aggregation as of May 1, 2023. The total amounts of these columns in the tables are the amounts that are presented on Schedule NECO-3, Page 2, Line 17.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 23-03-EL
In Re: 2023 Annual Retail Rate Filing
Responses to the Commission's Second Set of Data Requests
Issued on February 20, 2023

PUC 2-4

Request:

Please update PUC 1-6 from Docket No. 5234 with data on actual vs. forecast LRS deliveries in 2022.

Response:

Please see Attachment PUC 2-4 for the requested information.

Residential		
Date	Forecasted LRS kWh	Actual LRS kWh
	(a)	(b)
Apr-17	191,706,955	200,605,777
May-17	170,084,980	171,712,684
Jun-17	196,786,440	196,243,091
Jul-17	254,773,736	269,821,066
Aug-17	294,437,355	276,027,598
Sep-17	249,160,834	235,509,846
Oct-17	195,980,032	192,571,244
Nov-17	189,755,112	194,226,201
Dec-17	223,351,325	206,282,151
Jan-18	239,043,398	273,522,306
Feb-18	222,140,210	228,078,117
Mar-18	213,910,202	201,668,558
Total FY2018	2,641,130,580	2,646,268,639
Apr-18	195,700,123	195,077,337
May-18	175,363,046	188,444,942
Jun-18	200,543,199	189,115,621
Jul-18	256,307,761	281,027,227
Aug-18	278,136,739	312,480,240
Sep-18	244,581,728	309,770,827
Oct-18	187,776,270	198,052,046
Nov-18	178,447,575	187,299,247
Dec-18	216,624,829	219,707,833
Jan-19	245,218,357	245,925,850
Feb-19	226,853,782	231,451,728
Mar-19	213,221,541	212,498,391
Total FY2019	2,618,774,950	2,770,851,289
Apr-19	187,211,588	177,781,141
May-19	179,439,583	179,552,012
Jun-19	188,741,347	185,038,981
Jul-19	257,918,209	260,488,730
Aug-19	283,638,859	331,188,704
Sep-19	237,154,852	252,301,528
Oct-19	174,107,091	179,369,907
Nov-19	172,572,325	170,655,588
Dec-19	214,709,808	212,101,761
Jan-20	245,752,938	254,753,315
Feb-20	222,457,950	201,158,802
Mar-20	210,769,681	197,885,727
Total FY2020	2,574,474,231	2,602,276,196
Apr-20	205,973,456	200,762,519
May-20	170,185,706	196,688,960
Jun-20	191,679,390	205,680,375
Jul-20	273,786,617	308,738,265
Aug-20	276,476,071	373,751,032
Sep-20	247,953,227	260,915,561
Oct-20	181,219,789	201,454,925
Nov-20	179,552,090	193,385,615
Dec-20	218,603,831	220,482,294
Jan-21	249,321,934	263,312,175
Feb-21	227,648,420	248,028,224
Mar-21	212,574,194	224,752,812
Total FY2021	2,634,974,725	2,897,952,757

Commercial		
Date	Forecasted LRS kWh	Actual LRS kWh
	(c)	(d)
Apr-17	75,403,198	77,645,223
May-17	71,618,421	72,912,514
Jun-17	79,097,149	82,528,412
Jul-17	88,733,285	92,930,747
Aug-17	93,322,409	93,500,861
Sep-17	89,490,028	89,186,814
Oct-17	77,812,121	79,196,846
Nov-17	74,377,018	76,746,841
Dec-17	81,867,642	76,058,743
Jan-18	81,751,196	92,328,135
Feb-18	79,148,656	83,375,519
Mar-18	79,969,109	79,487,844
Total FY2018	972,590,232	995,898,499
Apr-18	75,372,384	78,612,733
May-18	72,533,352	79,264,084
Jun-18	78,440,086	82,886,041
Jul-18	86,185,753	97,598,272
Aug-18	89,354,171	103,514,064
Sep-18	85,888,791	105,516,234
Oct-18	79,458,224	82,767,885
Nov-18	74,108,693	75,475,898
Dec-18	79,528,209	85,379,923
Jan-19	82,965,916	89,963,548
Feb-19	78,081,452	86,891,721
Mar-19	75,491,973	87,617,343
Total FY2019	957,409,005	1,055,487,746
Apr-19	80,565,282	81,157,907
May-19	80,463,465	76,655,424
Jun-19	82,824,560	83,061,359
Jul-19	93,969,515	94,604,911
Aug-19	98,614,651	109,051,887
Sep-19	91,342,920	93,737,502
Oct-19	82,181,870	79,043,335
Nov-19	78,668,661	71,026,992
Dec-19	85,241,471	84,638,534
Jan-20	88,495,117	95,717,350
Feb-20	82,406,727	81,527,184
Mar-20	80,950,198	83,406,622
Total FY2020	1,025,724,437	1,033,629,007
Apr-20	80,436,589	74,522,425
May-20	74,748,906	68,383,386
Jun-20	77,523,501	71,336,009
Jul-20	92,993,625	85,798,558
Aug-20	91,063,920	99,341,926
Sep-20	87,931,335	83,496,878
Oct-20	82,988,444	79,946,625
Nov-20	80,016,854	66,523,151
Dec-20	85,135,571	77,251,192
Jan-21	88,466,120	81,218,019
Feb-21	82,593,461	83,979,805
Mar-21	78,046,093	82,087,624
Total FY2021	1,001,944,419	953,885,598

Industrial		
Date	Forecasted LRS kWh	Actual LRS kWh
	(e)	(f)
Apr-17	19,080,538	18,637,626
May-17	17,999,352	17,439,777
Jun-17	19,627,470	18,436,866
Jul-17	20,025,807	21,422,861
Aug-17	20,888,349	21,868,693
Sep-17	21,002,542	19,903,848
Oct-17	18,638,739	23,220,557
Nov-17	19,079,458	18,919,757
Dec-17	19,760,484	17,659,765
Jan-18	18,517,083	21,915,401
Feb-18	19,459,802	18,720,920
Mar-18	18,863,383	19,045,811
Total FY2018	232,943,007	237,191,882
Apr-18	19,805,791	18,554,467
May-18	19,206,910	17,642,769
Jun-18	20,564,065	19,826,086
Jul-18	22,679,448	22,450,823
Aug-18	23,453,555	22,390,615
Sep-18	22,434,629	28,684,202
Oct-18	20,547,377	24,244,325
Nov-18	19,307,442	22,846,668
Dec-18	20,535,724	25,594,201
Jan-19	21,314,063	23,249,402
Feb-19	20,262,847	21,985,054
Mar-19	19,730,184	18,598,611
Total FY2019	249,842,034	266,067,223
Apr-19	22,217,121	31,122,350
May-19	22,192,964	11,832,395
Jun-19	22,851,347	18,506,130
Jul-19	25,767,866	26,585,390
Aug-19	26,882,468	29,683,018
Sep-19	24,930,212	22,722,962
Oct-19	22,355,340	19,582,764
Nov-19	21,432,134	18,000,061
Dec-19	22,969,107	19,947,872
Jan-20	23,719,450	17,384,970
Feb-20	22,311,071	15,383,431
Mar-20	22,046,573	15,437,649
Total FY2020	279,675,654	246,188,992
Apr-20	35,744,645	19,269,006
May-20	33,874,409	15,376,222
Jun-20	34,964,233	18,427,905
Jul-20	41,190,543	18,936,037
Aug-20	40,453,613	18,330,484
Sep-20	38,933,678	16,799,883
Oct-20	36,794,582	16,116,956
Nov-20	35,383,254	17,285,555
Dec-20	37,149,954	19,652,932
Jan-21	38,114,273	16,621,910
Feb-21	35,955,623	16,525,011
Mar-21	34,391,369	19,828,257
Total FY2021	442,950,176	213,170,158

Residential		
Date	Forecasted LRS kWh	Actual LRS kWh
	(a)	(b)
Apr-21	219,312,681	197,683,213
May-21	172,348,574	174,856,565
Jun-21	200,928,500	228,129,837
Jul-21	278,774,758	279,459,596
Aug-21	297,990,236	317,450,918
Sep-21	260,559,980	302,609,173
Oct-21	184,017,837	210,913,779
Nov-21	180,749,703	175,203,313
Dec-21	224,895,829	223,114,200
Jan-22	247,382,378	250,406,587
Feb-22	230,890,283	256,776,226
Mar-22	223,278,823	221,550,956
Total FY2022	2,721,129,582	2,838,154,363
Apr-22	228,404,545	204,117,329
May-22	186,030,417	186,065,958
Jun-22	219,908,224	201,539,365
Jul-22	292,656,520	290,044,646
Aug-22	315,074,143	362,356,993
Sep-22	278,800,885	306,231,709
Oct-22	209,458,053	189,964,552
Nov-22	204,428,688	192,189,705
Dec-22	241,452,833	208,166,589
Jan-23		
Feb-23		
Mar-23		
Total FY2023	2,176,214,308	2,140,676,846

Commercial		
Date	Forecasted LRS kWh	Actual LRS kWh
	(c)	(d)
Apr-21	79,231,148	77,223,904
May-21	71,674,358	73,874,615
Jun-21	77,333,910	83,606,806
Jul-21	89,818,884	89,187,595
Aug-21	92,082,386	94,376,908
Sep-21	86,586,291	96,216,703
Oct-21	77,267,759	79,665,898
Nov-21	72,804,843	71,406,470
Dec-21	77,696,045	79,968,653
Jan-22	79,402,662	82,710,316
Feb-22	75,381,478	92,574,069
Mar-22	75,038,890	88,237,456
Total FY2022	954,318,654	1,009,049,393
Apr-22	82,229,311	85,479,026
May-22	77,333,200	82,290,018
Jun-22	81,808,207	83,146,672
Jul-22	94,389,069	97,569,237
Aug-22	98,228,597	107,080,882
Sep-22	92,778,150	101,822,658
Oct-22	84,173,944	92,675,240
Nov-22	81,296,242	79,442,430
Dec-22	84,072,626	77,786,114
Jan-23		
Feb-23		
Mar-23		
Total FY2023	776,309,346	807,292,277

Industrial		
Date	Forecasted LRS kWh	Actual LRS kWh
	(e)	(f)
Apr-21	15,944,725	18,464,953
May-21	14,790,649	14,274,597
Jun-21	15,810,959	15,607,562
Jul-21	18,107,192	18,681,745
Aug-21	18,484,773	18,577,564
Sep-21	17,390,095	18,738,589
Oct-21	15,647,583	18,981,233
Nov-21	14,747,197	15,619,510
Dec-21	15,482,038	16,691,945
Jan-22	15,683,241	17,779,373
Feb-22	15,019,549	17,749,509
Mar-22	15,138,173	15,801,857
Total FY2022	192,246,174	206,968,437
Apr-22	16,784,230	17,713,962
May-22	16,106,618	16,264,719
Jun-22	16,851,265	15,638,656
Jul-22	19,261,968	18,226,059
Aug-22	20,009,475	20,638,008
Sep-22	18,815,315	20,161,017
Oct-22	17,193,019	17,418,135
Nov-22	16,531,793	15,450,783
Dec-22	16,893,697	16,283,165
Jan-23		
Feb-23		
Mar-23		
Total FY2023	158,447,380	157,794,504

PUC 2-5

Request:

Please confirm that the Company reconstituted the monthly PTF load values in Schedule AS-2 for distributed generation resources that participate in Rhode Island Energy renewable energy programs but are not registered with ISO-NE as generation assets.

Response:

The Company consulted with National Grid, which provides services to the Company under a Transition Services Agreement, and the Company has not and does not reconstitute distributed generation resources that are not registered with ISO-NE.

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PUC 2-6

Request:

Please update Attachment PUC 1-12 from Docket No. 5234 with the Company's best forecast of the reconstituted load impact and associated costs of distributed generation resources that participate in Rhode Island Energy renewable energy programs but are not registered with ISO-NE as generation assets, for the period of April 2023 – and March 2024.

Response:

The Company consulted with National Grid, which provides services to the Company under a transition services agreement, to prepare this response. The Company confirmed that it has not and does not reconstitute distributed generation resources that are not registered with ISO-NE and therefore does not forecast impacts of those resources.

PUC 2-7

Request:

Please explain the factors that contribute to Rhode Island Energy's Local Network Service (LNS) rates being significantly lower than New England Power's LNS rates.

Response:

Prior to the sale, Rhode Island Energy took LNS service from New England Power (NEP), where NEP's rates were based on NEP's revenue requirement and load, which included all National Grid's New England utilities. Going forward, Rhode Island Energy will be a standalone Participating Transmission Owner (PTO) with rates based on its individual revenue requirement and load. Overall, Rhode Island Energy's revenue requirement is lower compared to the load used, making the LNS rate smaller.

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PUC 2-8

Request:

Referencing page 1 of Schedule NECO-15, please explain why the value of energy sales to ISO-NE fluctuated from \$2.3 million in June 2022 to \$5.2 million in July 2022 then back down to \$2.7 million in August 2022.

Response:

The value of ISO-NE Energy Sales the Company receives for exported Net Metering (“NM”) energy is dependent on (i) the volume of exported NM energy and (ii) the Locational Marginal Prices (LMPs). As shown in column (b) of the table below, NM exports to ISO-NE (in MWh) in July 2022 were significantly higher than the preceding month (June 2022) and the following month (August 2022). Column (c) provides the average actual value of the energy sold per MWh for June, July, and August 2022. Column (c) indicates that NM exports to ISO-NE, for July 2022, received relatively higher LMPs as compared to NM exports for June or August 2022.

	(a)	(b)	(c) = (a) / (b)
Month-Year	Energy Sales to ISO-NE for Net Metered Customers	NM Exports to ISO (MWh)	Energy Sales to ISO-NE / MWh (\$/MWh)
June 2022	\$ 2,293,780	38,089	\$ 60.22
July 2022	\$ 5,192,384	48,515	\$ 107.03
August 2022	\$ 2,717,390	34,646	\$ 78.43

(a) Schedule NECO-15, Page 1, Column (b)

(b) per Company reports

PUC 2-9

Request:

Referencing page 1 of Schedule NECO-15, please explain why the cost of total Renewable Energy Generation Credits fluctuated from \$5.8 million in October 2022 to \$9.2 million in November 2022 then back down to \$7 million in December 2022.

Response:

The Company calculates the value of Renewable Generation Credits based on the:

- i. Last Resort Service kilowatt-hour charge for the rate class applicable to the net-metering customer, not including the Renewable Energy Standard charge;
- ii. Distribution kilowatt-hour charge;
- iii. Transmission kilowatt-hour charge; and
- iv. Transition kilowatt-hour charge.

The increase in Renewable Generation Credits from October 2022 to November 2022 followed by a decrease from November 2022 to December 2022 is primarily attributable to changes in the Rate Class C-06 Renewable Generation Credits for that period. Rate Class C-06 is the largest net metering rate class and, within that rate class, the main causes of the increase in Renewable Generation Credits in November 2022 were:

i. Last Resort Service Base Charge Increase (Effective October 1st, 2022)

Effective October 1st 2022, Rate Class C-06's Last Resort Service Base Charge increased by \$0.10232 per kWh from \$0.06451 per kWh to \$0.16683 per kWh, or approximately 159%. Although this rate change went into effect on October 1, the full impact of the increase would not have been fully recognized in customers' bills (including the calculation of Renewable Generation Credits) in October 2022 because the Company bills customers on a billing cycle basis, such that customers' bills (and the Company's billed revenues) in October 2022 are largely reflective of a combination of usage and rates in September 2022 and October 2022. Consequently, Renewable Generation Credits for Rate Class C-06 did not fully incorporate the increase in the Last Resort Service Base Charge in customers' bills (or the Company's revenues) until November 2022.

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ii. Higher Billed Renewable Generation Credit kWh in November 2022

Billed Renewable Generation Credit kWh in November 2022 for Rate Class C-06 were higher than Billed Renewable Generation Credit kWh in both October 2022 and December 2022. All else equal, this would result in a higher level of Renewable Generation Credits in November 2022 compared to October 2022 and December 2022.

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PUC 2-10

Request:

Please update your response to PUC 1-21 in Docket No. 5234 with 2022 data.

Response:

Please see the table below for the requested information.

Net Metering Credit Monetary Value (Renewable Generation Credits) All Net Metered Account						
	A16	A60	C06	G02	G32	Total
2009	\$ (2,805)	\$ (70)	\$ (1,170)	\$ -	\$ (240,647)	\$ (244,692)
2010	\$ (4,552)	\$ (99)	\$ (1,028)	\$ -	\$ (329,863)	\$ (335,542)
2011	\$ (4,494)	\$ (35)	\$ (2,969)	\$ (850)	\$ (214,875)	\$ (223,223)
2012	\$ (7,846)	\$ (248)	\$ (13,987)	\$ (1,629)	\$ (143,176)	\$ (166,886)
2013	\$ (12,772)	\$ (640)	\$ (34,986)	\$ (1,547)	\$ (3,274)	\$ (53,218)
2014	\$ (26,144)	\$ (821)	\$ (37,858)	\$ (9,483)	\$ -	\$ (74,306)
2015	\$ (49,771)	\$ (1,668)	\$ (61,054)	\$ (14,760)	\$ (1,714)	\$ (128,967)
2016	\$ (144,746)	\$ (1,070)	\$ (1,185,899)	\$ (16,402)	\$ (3,013)	\$ (1,351,130)
2017	\$ (209,665)	\$ (1,838)	\$ (3,697,933)	\$ (13,298)	\$ (11,218)	\$ (3,933,952)
2018	\$ (286,830)	\$ (3,163)	\$ (5,188,377)	\$ (27,279)	\$ -	\$ (5,505,651)
2019	\$ (573,013)	\$ (11,989)	\$ (20,542,686)	\$ (55,504)	\$ (306)	\$ (21,183,499)
2020	\$ (745,732)	\$ (12,141)	\$ (33,434,468)	\$ (74,621)	\$ (136)	\$ (34,267,098)
2021	\$ (1,053,281)	\$ (20,087)	\$ (46,581,096)	\$ (102,161)	\$ -	\$ (47,756,626)
2022	\$ (1,711,447)	\$ (53,374)	\$ (72,873,695)	\$ (106,584)	\$ (82,964)	\$ (74,828,065)

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Net Metering Credit Volume (kWh Exported) All Net Metered Accounts						
	A16	A60	C06	G02	G32	Total
2009	(19,593)	(648)	(7,942)	-	(2,113,159)	(2,141,342)
2010	(31,037)	(746)	(7,099)	-	(3,460,321)	(3,499,203)
2011	(35,969)	(330)	(24,298)	(9,990)	(2,663,399)	(2,733,986)
2012	(61,246)	(2,263)	(90,736)	(19,813)	(1,705,789)	(1,879,847)
2013	(88,169)	(4,955)	(237,664)	(16,544)	(39,175)	(386,507)
2014	(181,746)	(6,333)	(270,722)	(96,289)	-	(555,090)
2015	(305,642)	(8,189)	(392,578)	(118,565)	(23,742)	(848,716)
2016	(945,801)	(7,663)	(8,034,352)	(179,170)	(47,686)	(9,214,672)
2017	(1,471,497)	(14,657)	(26,084,334)	(149,160)	(6,437)	(27,726,085)
2018	(1,753,055)	(21,273)	(31,777,494)	(270,604)	-	(33,822,426)
2019	(3,284,454)	(69,300)	(119,982,615)	(547,594)	(2,857)	(123,886,820)
2020	(4,512,528)	(74,328)	(209,935,158)	(806,052)	(1,574)	(215,329,640)
2021	(6,227,382)	(120,391)	(288,849,002)	(1,094,334)	-	(296,291,109)
2022	(9,320,833)	(299,221)	(382,436,552)	(998,966)	(304,652)	(393,360,224)

Net Metering Credit Monetary Value (Renewable Generation Credits) Remote Facilities						
	A16	A60	C06	G02	G32	Total
2009	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2011	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2014	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2015	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2016	\$ -	\$ -	\$ (686,409)	\$ -	\$ -	\$ (686,409)
2017	\$ -	\$ -	\$ (3,597,967)	\$ -	\$ -	\$ (3,597,967)
2018	\$ -	\$ -	\$ (5,061,467)	\$ -	\$ -	\$ (5,061,467)
2019	\$ -	\$ -	\$ (20,346,614)	\$ -	\$ -	\$ (20,346,614)
2020	\$ -	\$ -	\$ (33,124,661)	\$ -	\$ -	\$ (33,124,661)
2021	\$ -	\$ -	\$ (46,079,113)	\$ -	\$ -	\$ (46,079,113)
2022	\$ -	\$ -	\$ (72,717,272)	\$ -	\$ -	\$ (72,717,272)

Prepared by or under the supervision of: Erica Russell Salk

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Net Metering Credit Volume (kWh Exported) Remote Facilities						
	A16	A60	C06	G02	G32	Total
2009	-	-	-	-	-	-
2010	-	-	-	-	-	-
2011	-	-	-	-	-	-
2012	-	-	-	-	-	-
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	(4,746,533)	-	-	(4,746,533)
2017	-	-	(21,353,938)	-	-	(21,353,938)
2018	-	-	(29,957,752)	-	-	(29,957,752)
2019	-	-	(104,818,490)	-	-	(104,818,490)
2020	-	-	(207,953,292)	-	-	(207,953,292)
2021	-	-	(286,711,734)	-	-	(286,711,734)
2022			(381,583,816)			(381,583,816)

Net Metering Credit Monetary Value (Renewable Generation Credits) Behind the Meter						
	A16	A60	C06	G02	G32	Total
2009	\$ (2,805)	\$ (70)	\$ (1,170)	\$ -	\$ (240,647)	\$ (244,692)
2010	\$ (4,552)	\$ (99)	\$ (1,028)	\$ -	\$ (329,863)	\$ (335,542)
2011	\$ (4,494)	\$ (35)	\$ (2,969)	\$ (850)	\$ (214,875)	\$ (223,223)
2012	\$ (7,846)	\$ (248)	\$ (13,987)	\$ (1,629)	\$ (143,176)	\$ (166,886)
2013	\$ (12,772)	\$ (640)	\$ (34,986)	\$ (1,547)	\$ (3,274)	\$ (53,218)
2014	\$ (26,144)	\$ (821)	\$ (37,858)	\$ (9,483)	\$ -	\$ (74,306)
2015	\$ (49,771)	\$ (1,668)	\$ (61,054)	\$ (14,760)	\$ (1,714)	\$ (128,967)
2016	\$ (144,746)	\$ (1,070)	\$ (499,490)	\$ (16,402)	\$ (3,013)	\$ (664,721)
2017	\$ (209,665)	\$ (1,838)	\$ (99,966)	\$ (13,298)	\$ (11,218)	\$ (335,985)
2018	\$ (286,830)	\$ (3,163)	\$ (126,910)	\$ (27,279)	\$ -	\$ (444,183)
2019	\$ (573,013)	\$ (11,989)	\$ (196,072)	\$ (55,504)	\$ (306)	\$ (836,885)
2020	\$ (745,275)	\$ (9,843)	\$ (317,719)	\$ (69,464)	\$ (136)	\$ (1,142,437)
2021	\$ (1,053,281)	\$ (20,087)	\$ (501,982)	\$ (102,161)	\$ -	\$ (1,677,513)
2022	\$ (1,711,447)	\$ (53,374)	\$ (156,423)	\$ (106,584)	\$ (82,964)	\$ (2,110,793)

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Net Metering Credit Volume (kWh Exported) Behind the Meter						
	A16	A60	C06	G02	G32	Total
2009	(19,593)	(648)	(7,942)	-	(2,113,159)	(2,141,342)
2010	(31,037)	(746)	(7,099)	-	(3,460,321)	(3,499,203)
2011	(35,969)	(330)	(24,298)	(9,990)	(2,663,399)	(2,733,986)
2012	(61,246)	(2,263)	(90,736)	(19,813)	(1,705,789)	(1,879,847)
2013	(88,169)	(4,955)	(237,664)	(16,544)	(39,175)	(386,507)
2014	(181,746)	(6,333)	(270,722)	(96,289)	-	(555,090)
2015	(305,642)	(8,189)	(392,578)	(118,565)	(23,742)	(848,716)
2016	(945,801)	(7,663)	(3,287,819)	(179,170)	(47,686)	(4,468,139)
2017	(1,471,497)	(14,657)	(4,730,396)	(149,160)	(6,437)	(6,372,147)
2018	(1,753,055)	(21,273)	(1,819,742)	(270,604)	-	(3,864,674)
2019	(3,284,454)	(69,300)	(15,164,125)	(547,594)	(2,857)	(19,068,330)
2020	(4,515,327)	(74,328)	(2,008,492)	(776,627)	(1,574)	(7,376,348)
2021	(6,227,382)	(120,391)	(2,137,268)	(1,094,334)	-	(9,579,375)
2022	(9,320,833)	(299,221)	(852,736)	(998,966)	(304,652)	(11,776,408)

Prepared by or under the supervision of: Erica Russell Salk

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 23-03-EL
In Re: 2023 Annual Retail Rate Filing
Responses to the Commission's Second Set of Data Requests
Issued on February 20, 2023

PUC 2-11

Request:

Please update your response to PUC 1-22 in Docket No. 5234 with 2022 data.

Response:

The source for the information provided in response to PUC 2-10 in Docket No. 2303 was the Company's billing system (i.e., CSS), which does not track the special entity types identified in the Net Metering tariff. However, the Company has attempted to distinguish and group these "Front-of-the-Meter" projects, by using host customer names and associated off-takers in the tables below.

Net Metering Credit Monetary Value (Renewable Generation Credits)							
Type	2016	2017	2018	2019	2020	2021	2022
Municipality	\$ (134,151)	\$ (1,573,477)	\$ (1,765,103)	\$ (10,369,569)	\$ (17,203,159)	\$ (17,512,244)	\$ (17,871,585)
Multi-Municipal Collaborative	\$ (552,258)	\$ (2,024,490)	\$ (3,113,282)	\$ (6,722,375)	\$ (8,392,926)	\$ (10,698,817)	\$ (13,153,439)
Education Institutes	\$ -	\$ -	\$ (120,784)	\$ (1,780,907)	\$ (2,444,285)	\$ (5,756,934)	\$ (6,765,345)
Public Entity & Low Income Housing	\$ -	\$ -	\$ -	\$ (1,024,827)	\$ (1,794,681)	\$ (1,812,694)	\$ (2,244,992)
Public Entity	\$ -	\$ -	\$ (62,298)	\$ (263,022)	\$ (2,110,588)	\$ (4,379,098)	\$ (5,917,754)
Community Remote Net Metering	\$ -	\$ -	\$ -	\$ (185,914)	\$ (650,397)	\$ (3,412,653)	\$ (4,491,024)
Total	\$ (684,393)	\$ (3,595,950)	\$ (5,059,449)	\$ (20,344,595)	\$ (32,594,016)	\$ (43,570,419)	\$ (50,442,117)

Net Metering Credit Volume (kWh Exported)							
Type	2016 kWh	2017 kWh	2018 kWh	2019 kWh	2020 kWh	2021 kWh	2022 kWh
Municipality	(927,228)	(7,107,979)	(9,660,582)	(47,850,838)	(108,634,758)	(106,132,012)	(135,194,713)
Multi-Municipal Collaborative	(3,819,305)	(14,245,959)	(19,270,146)	(37,850,600)	(53,535,270)	(69,849,945)	(99,502,949)
Education Institutes	-	-	(661,607)	(10,549,153)	(15,469,615)	(35,956,977)	(51,178,386)
Public Entity & Low Income Housing	-	-	-	(5,929,326)	(11,139,673)	(11,124,866)	(16,982,884)
Public Entity	-	-	(365,417)	(1,544,129)	(13,175,364)	(27,150,937)	(44,766,545)
Community Remote Net Metering	-	-	-	(1,094,444)	(4,098,736)	(21,736,962)	(33,973,635)
Total	(4,746,533)	(21,353,938)	(29,957,752)	(104,818,490)	(206,053,416)	(271,951,699)	(381,599,112)

PUC 2-12

Request:

Please update the response to PUC 3-6 from Docket No. 5234 with 2022 data.

Response:

Please see Attachment PUC 2-12 for an update to the Company's response to data request PUC 3-6 in Docket No. 5234 using 2022 data.

Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Total Costs
For the Period January 2022 through December 2022

(1) Above Market Cost for the period January 2022 through December 2022 (AM)	\$23,732,289
(2) Customer Share of Net Forward Capacity Market Proceeds (NFCMP)	\$101,977
(3) Administrative Costs (ADM)	\$2,668
(4) 2.75% Remuneration	\$2,545,966
(5) Other Charges & Credits	<u>(\$3,459,918)</u>
(6) Total Costs	\$22,719,028

- (1) per Page 4, Column (c), Line (38)
- (2) per Page 5, Line (2)
- (3) per Page 5, Line (9)
- (4) per Schedule NECO-17, Page 4, Column (j)
- (5) per Schedule NECO-17, Page 4, Column (i)
- (6) Line (1) - Line (2) + Line (3) + Line (4) + Line (5); Compare to Attachment DIV 1-10, Page 1 of 6, Line (14), Column (c)

Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Annual Actual Contract Cost
For the Period January 2022 through December 2022

Annual Actual Contract Cost									
Unit	Unit Capacity (MW)	Commercial Operation Date	Unit Availability Efficiency Factor	Actual Annual Output (MWh)	Resettlements for Generation prior to CY22	Contract Price (\$ per MWh)	Prior Period Contract Price (\$ per MWh)	Negative LMP/ Miscellaneous	Actual Annual Contract Cost
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) RI LFG Genco Asset No. 40054	32.100	05/28/13	76%	214,526.2	1,456.7	\$153.35	\$149.61	(\$2,422.90)	\$33,113,107
(2) Wind Energy Dev. NK Green LLC Asset No. 42394	1.500	03/01/13	23%	2,972.2	193.1	\$133.50	\$133.50	\$0.00	\$422,568
(3) Con Edison Development Plain Mtg House Asset No. 43512	2.000	07/19/13	16%	2,875.4	19.6	\$275.00	\$275.00	\$0.00	\$796,118
(4) ACP Land LLC 28 Jacome Way Asset No. 43527	0.500	07/18/13	15%	663.2	4.2	\$316.00	\$316.00	\$0.00	\$210,869
(5) Contrans Cable Asset No. 43586	0.499	09/30/13	14%	628.9	4.1	\$316.00	\$316.00	\$0.00	\$200,024
(6) CCI New England 500 kW Asset No. 43607	0.498	10/25/13	13%	549.2	159.3	\$316.00	\$316.00	\$0.00	\$223,876
(7) Conanicut Marine Services (CMS) Solar Asset No. 43685	0.128	10/21/13	11%	125.9	0.8	\$288.00	\$288.00	\$0.00	\$36,493
(8) Black Bear Orono B Hydro Asset No. 38083	3.958	11/22/13	75%	26,041.1	0.0	\$108.75	\$106.62	(\$6.30)	\$2,831,966
(9) West Davisville Solar Asset No. 43716	2.340	12/06/13	15%	2,999.6	12.9	\$236.99	\$236.99	\$0.00	\$713,920
(10) Forbes Street Solar Asset No. 43762	3.710	12/20/13	11%	3,440.4	(1.4)	\$239.00	\$239.00	\$0.00	\$821,921
(11) CCI New England 181 kW Asset No. 43921	0.181	02/27/14	11%	178.0	7.6	\$316.00	\$316.00	\$0.00	\$58,647
(12) 100 Dupont Solar Asset No. 44003	1.500	03/25/14	13%	1,698.3	9.4	\$209.00	\$209.00	\$0.00	\$356,912
(13) 225 Dupont Solar Asset No. 44004	0.300	03/25/14	13%	338.6	79.4	\$316.00	\$316.00	\$0.00	\$132,090
(14) 35 Martin Solar Asset No. 44006	0.500	03/27/14	14%	614.3	1.0	\$316.00	\$316.00	\$0.00	\$194,450
(15) 0 Martin Solar Asset No. 44005	0.500	03/27/14	15%	646.9	3.1	\$316.00	\$316.00	\$0.00	\$205,412
(16) Gannon & Scott Solar Asset No. 44010	0.406	04/29/14	13%	471.2	65.6	\$284.00	\$284.00	\$0.00	\$152,442
(17) All American Foods Solar Asset No. 46721	0.331	10/24/14	2%	65.4	(0.0)	\$284.00	\$284.00	\$0.00	\$18,587
(18) Brickle Group Solar Project Asset No. 46911	1.084	12/04/14	14%	1,374.1	(0.4)	\$184.90	\$184.90	\$0.00	\$254,008
(19) T.E.A.M. Inc. Solar Asset No. 46913	0.182	12/11/14	14%	226.9	0.6	\$288.00	\$288.00	\$0.00	\$65,535
(20) Newport Vineyards Solar Asset No. 46917	0.053	12/15/14	10%	44.7	9.2	\$299.50	\$299.50	\$0.00	\$16,131
(21) SER Solar 23 Apian Way Asset No. 46926	0.052	12/17/14	13%	57.4	0.1	\$277.57	\$277.57	\$0.00	\$15,944
(22) Nexamp 76 Stilson Rd. Asset No. 47020	0.498	02/28/15	16%	699.2	13.4	\$194.88	\$194.88	\$0.00	\$138,873
(23) Randall Steere Farm Asset No. 46998	0.091	03/18/15	12%	98.0	0.2	\$299.49	\$299.49	\$0.00	\$29,418
(24) Johnston Solar Asset No. 47357	1.700	08/03/15	13%	1,868.9	2.2	\$175.00	\$175.00	\$0.00	\$327,440
(25) North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	0.500	10/20/15	15%	649.2	1.7	\$190.00	\$190.00	\$0.00	\$123,660
(26) Wilco 260 South County Trail - Asset No. 48664	1.246	08/11/16	13%	1,437.9	3.6	\$219.50	\$219.50	\$0.00	\$316,425
(27) Foster Solar - Asset No. 48774	1.250	09/08/16	15%	1,676.1	4.3	\$205.99	\$205.99	\$0.00	\$346,147
(28) Brookside Equestrian Center No. 48899	1.246	10/19/16	14%	1,554.6	7.7	\$149.90	\$149.90	\$0.00	\$234,182
(29) Deepwater Wind Asset No. 38495	30.000	12/12/16	42%	110,328.0	0.0	\$289.74	\$279.94	\$0.00	\$31,966,429
(30) Orbit Energy Asset No. 50057	3.200	08/24/17	11%	2,951.2	101.0	\$104.89	\$102.83	\$0.00	\$319,944
(31) Frenchtown Road Solar - Asset No. 50731	1.250	01/30/18	9%	1,039.0	4.2	\$196.00	\$196.00	\$0.00	\$204,481
(32) Copenhagen Wind Farm	79.900	12/27/18	24%	167,894.2	1,428.0	\$85.24	\$83.57	(\$8,730.16)	\$14,422,158
(33) Woods Hill Solar Asset No. 49370	1.500	12/26/18	17%	2,280.0	0.0	\$99.49	\$99.49	(\$716.28)	\$226,117
(34) Hope Farm Solar Asset No. 49029	5.000	12/17/19	19%	8,522.8	0.0	\$93.66	\$93.66	(\$3,475.26)	\$794,772
(35) Sanford Airport Solar Asset No. 68737	3.702	11/19/20	22%	7,254.2	0.0	\$78.95	\$78.95	(\$3,249.20)	\$569,473
(36) Cassadaga Wind Asset No. 4011-2	18.750	07/20/21	20%	32,146.3	0.0	\$79.17	\$74.71	(\$3,393.25)	\$2,541,650
(37) Farmington Solar Asset No. 69786	3.702	10/27/21	20%	6,478.6	0.0	\$84.85	\$84.85	\$19,577.78 (j)	\$569,284
(38) Quinebaug Solar No. 69801	3.702	12/28/21	20%	6,331.8	0.0	\$89.17	\$0.00	\$2,081.64 (k)	\$566,690
(39) Total				613,748	3,591	\$8,109.48	\$7,996.45	-\$333.93	\$94,538,164

- (a) Commercially operable units
(b) Start date of commercial operation
(c) Column (d) / (Column (a) x 8760 hours)
(d) per Company reports
(e) per Company Accounting records
(f) per Purchase Power Agreements
(g) per Purchase Power Agreements
(h) per Company reports
(i) Column (d) * Column (f) + Column (e) * Column (g) + Column (h)
(j) Includes a \$4,786 Adjustment from September 2021 for Energy Charges, PPA Energy Generation and an \$18,063 Adjustment from October 2021 for Energy Charges and PPA Energy Generation
(k) Includes a \$5,263 Adjustment from December 2021 for Energy Charges, PPA Energy Generation, PPA Liquidated Damages, and Resettlement True-Up

Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Actual Market Value
For the Period January 2022 through December 2022

<u>Actual Market Value</u>		Actual	Energy	REC		Total
<u>Unit</u>		<u>MWh Purchased</u>	<u>Market</u>	<u>Market</u>	<u>Capacity</u>	<u>Market</u>
		<u>Under Contracts</u>	<u>Value</u>	<u>Value</u>	<u>(d)</u>	<u>Value</u>
		(a)	(b)	(c)		(e)
(1)	RI LFG Genco Asset No. 40054	214,526.2	\$18,543,575	\$7,677,515	\$1,194,193	\$27,415,283
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	2,972.2	\$271,810	\$106,369	\$0	\$378,179
(3)	Con Edison Development Plain Mtg House Asset No. 43512	2,875.4	\$198,887	\$102,906	\$0	\$301,793
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	663.2	\$47,146	\$23,733	\$0	\$70,879
(5)	Comtram Cable Asset No. 43586	628.9	\$44,976	\$22,506	\$0	\$67,482
(6)	CCI New England 500 kW Asset No. 43607	549.2	\$45,988	\$19,654	\$0	\$65,641
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	125.9	\$8,875	\$4,507	\$0	\$13,382
(8)	Black Bear Orono B Hydro Asset No. 38083	26,041.1	\$2,003,211	\$931,964	\$154,139	\$3,089,314
(9)	West Davisville Solar Asset No. 43716	2,999.6	\$221,923	\$107,349	\$0	\$329,272
(10)	Forbes Street Solar Asset No. 43762	3,440.4	\$250,944	\$123,127	\$0	\$374,071
(11)	CCI New England 181 kW Asset No. 43921	178.0	\$12,308	\$6,369	\$0	\$18,677
(12)	100 Dupont Solar Asset No. 44003	1,698.3	\$116,957	\$60,779	\$0	\$177,736
(13)	225 Dupont Solar Asset No. 44004	338.6	\$27,028	\$12,119	\$0	\$39,147
(14)	35 Martin Solar Asset No. 44006	614.3	\$42,844	\$21,986	\$0	\$64,830
(15)	0 Martin Solar Asset No. 44005	646.9	\$45,050	\$23,153	\$0	\$68,203
(16)	Gannon & Scott Solar Asset No. 44010	471.2	\$36,666	\$16,862	\$0	\$53,529
(17)	All American Foods Solar Asset. No. 46721	65.4	\$1,352	\$2,342	\$0	\$3,694
(18)	Brickle Group Solar Project Asset. No. 46911	1,374.1	\$99,926	\$49,178	\$0	\$149,104
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	226.9	\$14,996	\$8,121	\$0	\$23,117
(20)	Newport Vineyards Solar Asset. No. 46917	44.7	\$3,301	\$1,600	\$0	\$4,901
(21)	SER Solar 23 Appian Way Asset. No. 46926	57.4	\$4,113	\$2,053	\$0	\$6,165
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	699.2	\$50,431	\$25,024	\$0	\$75,455
(23)	Randall Steere Farm Asset. No. 46998	98.0	\$6,855	\$3,509	\$0	\$10,364
(24)	Johnston Solar Asset No. 47357	1,868.9	\$127,060	\$66,886	\$0	\$193,946
(25)	North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	649.2	\$44,643	\$23,232	\$0	\$67,876
(26)	Wilco 260 South County Trail - Asset No. 48664	1,437.9	\$99,533	\$51,461	\$0	\$150,994
(27)	Foster Solar - Asset No. 48774	1,676.1	\$116,972	\$59,984	\$0	\$176,956
(28)	Brookside Equestrian Center No. 48899	1,554.6	\$106,231	\$55,635	\$0	\$161,866
(29)	Deepwater Wind Asset No. 38495	110,328.0	\$9,801,020	\$3,948,444	\$512,673	\$14,262,137
(30)	Orbit Energy Asset No. 50057	2,951.2	\$293,952	\$105,619	\$95,757	\$495,329
(31)	Frenchtown Road Solar - Asset No. 50731	1,039.0	\$75,556	\$37,185	\$0	\$112,741
(32)	Copenhagen Wind Farm	167,894.2	\$9,639,931	\$6,008,638	\$0	\$15,648,568
(33)	Woods Hill Solar Asset No. 49370	2,280.0	\$154,310	\$81,596	\$0	\$235,906
(34)	Hope Farm Solar Asset No. 49029	8,522.8	\$596,679	\$305,017	\$819	\$902,515
(35)	Sanford Airport Solar Asset No. 68737	7,254.2	\$515,891	\$259,617	\$0	\$775,507
(36)	Cassadaga Wind Asset No. 4011-2	32,146.3	\$2,352,436	\$1,150,459	\$0	\$3,502,894
(37)	Farmington Solar Asset No. 69786	6,478.6	\$414,940	\$231,857	\$0	\$646,797
(38)	Quinebaug Solar No. 69801	<u>6,331.8</u>	<u>\$445,021</u>	<u>\$226,605</u>	<u>\$0</u>	<u>\$671,625</u>
(39)	Total	613,748	\$46,883,335	\$21,964,958	\$1,957,581	\$70,805,874

- (a) per Page 2, Column (d)
(b) per Company Accounting records
(c) per Company Accounting records
(d) per Company Accounting records
(e) Column (b) + Column (c) + Column (d)

**Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Above/(Below) Market Cost
For the Period January 2022 through December 2022**

Above/(Below) Market Cost

<u>Unit</u>		Actual Annual <u>Contract Cost</u> (a)	Total Market <u>Value</u> (b)	Above/(Below) Market Cost (c)
(1)	RI LFG Genco Asset No. 40054	\$33,113,107	\$27,415,283	\$5,697,824
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	\$422,568	\$378,179	\$44,390
(3)	Con Edison Development Plain Mtg House Asset No. 43512	\$796,118	\$301,793	\$494,325
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	\$210,869	\$70,879	\$139,991
(5)	Comtram Cable Asset No. 43586	\$200,024	\$67,482	\$132,542
(6)	CCI New England 500 kW Asset No. 43607	\$223,876	\$65,641	\$158,234
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	\$36,493	\$13,382	\$23,111
(8)	Black Bear Orono B Hydro Asset No. 38083	\$2,831,966	\$3,089,314	(\$257,349)
(9)	West Davisville Solar Asset No. 43716	\$713,920	\$329,272	\$384,647
(10)	Forbes Street Solar Asset No. 43762	\$821,921	\$374,071	\$447,850
(11)	CCI New England 181 kW Asset No. 43921	\$58,647	\$18,677	\$39,970
(12)	100 Dupont Solar Asset No. 44003	\$356,912	\$177,736	\$179,176
(13)	225 Dupont Solar Asset No. 44004	\$132,090	\$39,147	\$92,943
(14)	35 Martin Solar Asset No. 44006	\$194,450	\$64,830	\$129,620
(15)	0 Martin Solar Asset No. 44005	\$205,412	\$68,203	\$137,209
(16)	Gannon & Scott Solar Asset No. 44010	\$152,442	\$53,529	\$98,914
(17)	All American Foods Solar Asset. No. 46721	\$18,587	\$3,694	\$14,893
(18)	Brickle Group Solar Project Asset. No. 46911	\$254,008	\$149,104	\$104,904
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	\$65,535	\$23,117	\$42,418
(20)	Newport Vineyards Solar Asset. No. 46917	\$16,131	\$4,901	\$11,230
(21)	SER Solar 23 Appian Way Asset. No. 46926	\$15,944	\$6,165	\$9,779
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	\$138,873	\$75,455	\$63,419
(23)	Randall Steere Farm Asset. No. 46998	\$29,418	\$10,364	\$19,054
(24)	Johnston Solar Asset No. 47357	\$327,440	\$193,946	\$133,494
(25)	North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	\$123,660	\$67,876	\$55,785
(26)	Wilco 260 South County Trail - Asset No. 48664	\$316,425	\$150,994	\$165,431
(27)	Foster Solar - Asset No. 48774	\$346,147	\$176,956	\$169,191
(28)	Brookside Equestrian Center No. 48899	\$234,182	\$161,866	\$72,316
(29)	Deepwater Wind Asset No. 38495	\$31,966,429	\$14,262,137	\$17,704,292
(30)	Orbit Energy Asset No. 50057	\$319,944	\$495,329	(\$175,385)
(31)	Frenchtown Road Solar - Asset No. 50731	\$204,481	\$112,741	\$91,741
(32)	Copenhagen Wind Farm	\$14,422,158	\$15,648,568	(\$1,226,410)
(33)	Woods Hill Solar Asset No. 49370	\$226,117	\$235,906	(\$9,788)
(34)	Hope Farm Solar Asset No. 49029	\$794,772	\$902,515	(\$107,743)
(35)	Sanford Airport Solar Asset No. 68737	\$569,473	\$775,507	(\$206,034)
(36)	Cassadaga Wind Asset No. 4011-2	\$2,541,650	\$3,502,894	(\$961,245)
(37)	Farmington Solar Asset No. 69786	\$569,284	\$646,797	(\$77,512)
(38)	Quinebaug Solar No. 69801	<u>\$566,690</u>	<u>\$671,625</u>	<u>(\$104,936)</u>
(38)	Total	\$94,538,164	\$70,805,874	\$23,732,289

- (a) Page 2, Column (i)
(b) Page 3, Column (c)
(c) Column (a) - Column (b)

**Forward Capacity Market
Actual Proceeds and Administrative Costs
For the Period January 2022 through December 2022**

Section 1: Customer Share of Net Forward Capacity Market Proceeds:

(1)	Gross Forward Capacity Market Proceeds	\$113,308
(2)	Customer Share of Net Forward Capacity Market Proceeds	\$101,977

Section 2: Administrative Costs:

(3)	Contractor Fees	\$2,668
(4)	Total hours for January 2022 - December 2022	0
(5)	Unburdened Average Hourly Rate	\$0.00
(6)	Average Burden Rate	0.00%
(7)	Burdened Average Hourly Rate	\$0.00
(8)	Administrative Company Labor for the FCM	\$0
(9)	Total administrative costs for the FCM	\$2,668

- (1) Proceeds received
- (2) Line (1) x 90%
Source: Internal Company Records. Please also refer to the Company's response to Division 1-10.
- (3) 1-10.
- (4) Total internal labor hours dedicated to the FCM were de minimis, therefore no internal labor hours were recorded
- (5) Not applicable as no internal labor hours were recorded
- (6) Not applicable as no internal labor hours were recorded
- (7) Line (5) + (Line (5) x Line (6))
- (8) Line (4) x Line (7)
- (9) Line (3) + Line (8)

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 23-03-EL
In Re: 2023 Annual Retail Rate Filing
Responses to the Commission's Second Set of Data Requests
Issued on February 20, 2023

PUC 2-13

Request:

Please update the response to PUC 1-25 in Docket No. 5234 to explain why LTC expense in 2022 was \$16.3 million higher than LTC revenue.

Response:

The under-recovery resulting from the Long-Term Contracting for Renewable Energy Recovery ("LTCRER") reconciliation in Schedule NECO-17 (which was updated for corrected FCM Administrative Costs in Attachment DIV 1-10) is driven predominantly by the difference between estimated LTCRER costs in the semi-annual LTCRER Factor filings and actual LTCRER costs incurred and included in the reconciliation. Table A shows the calendar year 2022 estimated and actual LTCRER costs.

Table A

	Description	Estimate	Actual	Actual Costs Higher/(Lower) than Estimated
1	Above Market Costs	\$5,519,871	\$23,732,288	\$18,212,417
2	Customer Share of Net Forward Capacity Market Proceeds	\$(104,114)	\$(101,976)	\$2,138
3	FCM Administrative Costs	\$ 32,222	\$2,668	\$(29,554)
4	Remuneration	\$ -	\$2,545,966	\$2,545,966
5	Other Charges & (Credits)	\$ -	\$(3,459,918)	\$(3,459,918)
6	Total Costs	\$5,447,979	\$22,719,028	\$17,271,049

The \$18,212,417 variance in *Above Market Costs* shown in Table A on Line 1 was caused by the following factors:

Table B

	Description	\$M
1	Higher Contract Costs due to differences in actual versus estimated output by unit	\$ 0.5
2	Resettlements for Output Generated Prior to CY22	\$0.5
3	Other	\$(0.1)
4	Lower Energy Market Value	\$15.3
5	Lower REC Market Value	\$2.0
6	Total	\$ 18.2

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Explanations for the main drivers from Table B are as follows:

- **Lower Actual as Compared to Estimated Energy Market Value**

In its semi-annual LTCRER Factor Filings for January 2022 – June 2022 (filed November 15, 2021 in Docket No. 5201) and July 2022 – December 2022 (filed May 13, 2022 in Docket No. 5201), the Company calculated an estimated blended energy market value per MWh equal to \$98.35/MWh for 2022 based on estimated unit output and market energy proxies. The actual blended energy market value per MWh in 2022, however, was \$78.41/MWh. In addition to the overall lower actual MWh output as compared to estimated MWh output, this is consistent with actual Locational Marginal Price (LMP) values that were lower than the market energy proxies used by the Company in its semi-annual filings for purposes of estimating the energy market value.

- **Lower Actual as Compared to Estimated REC Market Value**

In its semi-annual LTCRER Factor Filings for January 2022 – June 2022 (filed November 15, 2021 in Docket No. 5201) and July 2022 – December 2022 (filed May 13, 2022 in Docket No. 5201), the Company calculated an estimated REC market value per MWh equal to \$37.87/MWh for 2022 based on estimated unit output and REC market proxies. The actual REC market value per MWh in 2022, however, was \$36.73/MWh. In addition to the overall lower actual MWh output as compared to estimated MWh output, this is consistent with actual REC market prices that were lower than the REC market proxies used by the Company in its semi-annual filings for purposes of estimating the REC market value.

With respect to *FCM Administrative Costs*, please refer to the Company's response to data request Division 1-10. For the purposes of this response, the Company used the updated actual 2022 FCM Administrative Expenses included in its response to Division 1-10. The lower FCM Administrative Expense is due to lower than estimated internal labor and vendor costs associated with the administration of the Company's participation in the Forward Capacity Market in 2022.

With respect to *Remuneration*, please note that, pursuant to the Company's Long-Term Contracting for Renewable Energy Recovery ("LTCRER") Provision, R.I.P.U.C. No. 2174, the LTCRER Factor calculation does not include an estimate of remuneration. Therefore, the Company did not include an estimate of remuneration in its two LTCRER filings for 2022 in Docket No. 5201. Pursuant to the Company's LTCRER Reconciliation Provision, R.I.P.U.C. No. 2175, contract remuneration during the reconciliation period is included with the Past Period Reconciliation Amount as an actual cost to be recovered through the LTCRER reconciliation factor.

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With respect to *Other Charges & (Credits)*, the credit of (\$3,459,918) is due to (i) a PPA contract termination payment for one facility of (\$990,000) in June 2022 and (ii) cover damages of (\$2,469,918) for two facilities in December 2022.

PUC 2-14

Request:

Referencing page 4 of Schedule NECO-17, please explain why FCM Admin Expenses are listed as -\$1,313. How were actual Admin Expenses in 2022 negative?

Response:

As noted in the Company's response to Division 1-10:

"In the process of preparing this response, the Company determined that it had inadvertently omitted actual administrative expenses in 2022. Including these originally omitted expenses, actual FCM Admin Expenses for 2022 is \$2,668, equal to costs of \$6,476 offset by a June 2022 reclassification of vendor expense of (\$3,808). The inclusion of the updated FCM Admin Expense for 2022 in the calculation of the Proposed LTC Recovery Reconciliation Factor does not result in a billable factor that is different from that which is calculated in Schedule NECO-17. Put differently, and as demonstrated in Attachment DIV 1-10 (provided in PDF format along with its associated workpaper in Excel format), the Proposed LTC Recovery Reconciliation Factor effective April 1, 2023, calculated using the updated FCM Admin Expense is \$0.00230 per kWh, which is its calculated value in Schedule NECO-17. For purposes of the reconciliation of the 2022 under-recovered balance recovered during the period April 1, 2023 through March 31, 2024, included in the 2024 Annual Retail Rate Filing, the Company will utilize the "Ending Balance Including Interest" shown on line (16) of page 1 of Attachment DIV 1-10 as the beginning balance as of January 2023."

PUC 2-15

Request:

It appears that the Company's forecasted kWhs for the period April 1, 2023 through March 31, 2024 is 7,330,776,084. In last year's Retail Rate Filing, the Company's forecasted kWhs for the period April 1, 2022 through March 31, 2023 was 7,368,760,169. Please explain why the Company's delivery forecast has decreased.

Response:

The Company's delivery forecast decreases April 1, 2023 through March 31, 2024 compared to April 1, 2022 through March 31, 2023 as customer energy efficiency gains are expected to grow and as customer solar installations are expected to increase in the territory. Both of these factors reduce overall customer usage. Base customer usage (excluding increases in energy efficiency and distributed energy resources) remains flat year over year.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 23-03-EL
In Re: 2023 Annual Retail Rate Filing
Responses to the Commission's Second Set of Data Requests
Issued on February 20, 2023

PUC 2-16

Request:

Please fill in the template table below with the requested information regarding each of the rates and factors proposed in the 2023 Retail Rate Filing. Note regarding columns c and f: please fill in the columns with the total revenue designed to be collected from all rate classes through the proposed rate(s)/factor(s). Note regarding base transmission rates: in your row for base transmission rates, please include the total revenue designed to be collected through both volumetric rates and demand charges.

	(a) Effective dates for current rates/factors	(b) Current rate/factor (for A16 rate class, if not uniform)	(c) Total revenue (\$) designed to be collected through the current rates/factors	(d) Effective dates for proposed rates/factors	(e) Proposed rate/factor (for A16 rate class, if not uniform)	(f) Total revenue (\$) designed to be collected through the proposed rates/factors	(g) Difference between column f and column c
Rate/factor #1							
Rate/factor #2							
Rate/factor #3							
...							

Response:

Please see the table below for the requested information:

The Narragansett Electric Company
d/b/a Rhode Island Energy
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	(a)	(b)	(c)	(d)	(e)	(f)	(g)
Charge	Effective Dates for Current Rates/Factors	Current Rate/Factor (for A-16 rate class, if not uniform)	Total Revenue (\$) Designed to be Collected through the Current Rates/Factors	Effective Dates for Proposed Rates/Factors	Proposed Rate/Factor (for A-16 rate class, if not uniform)	Total Revenue (\$) Designed to be Collected through the Proposed Rates/Factors	Difference Between Columns (f) and (c)
(1) Last Resort Service Adjustment Factor	April 1, 2022	\$ (0.00318)	\$ (1,755,710)	April 1, 2023	\$ 0.00334	\$ 18,662,321	\$ 20,418,031
(2) Last Resort Service Administrative Cost Factor	April 1, 2022	\$ 0.00233	\$ 9,602,876	April 1, 2023	\$ 0.00383	\$ 12,879,713	\$ 3,276,837
(3) Base Transition Charge/(Credit)	April 1, 2022	\$ -	\$ -	April 1, 2023	\$ -	\$ -	\$ -
(4) Transition Adjustment Charge/(Credit)	April 1, 2022	\$ 0.00018	\$ 1,333,797	April 1, 2023	\$ 0.00021	\$ 1,603,223	\$ 269,426
(5) Base Transmission Charge (kWh)	April 1, 2022	\$ 0.03524	\$ 185,848,787	April 1, 2023	\$ 0.03115	\$ 158,061,500	\$ (27,787,287)
(6) Base Transmission Charge (kW)	April 1, 2022		\$ 53,075,223	April 1, 2023		\$ 52,042,677	\$ (1,032,546)
(7) Transmission Adjustment Factor	April 1, 2022	\$ 0.00095	\$ (4,904,061)	April 1, 2023	\$ 0.00183	\$ (6,440,387)	\$ (1,536,326)
(8) Transmission Uncollectible Factor	April 1, 2022	\$ 0.00046	\$ 2,986,974	April 1, 2023	\$ 0.00044	\$ 2,763,719	\$ (223,255)
(9) Net Metering Surcharge	April 1, 2022	\$ 0.00488	\$ 36,032,809	April 1, 2023	\$ 0.00628	\$ 46,070,988	\$ 10,038,179
(10) LTC RER Reconciliation Factor	April 1, 2022	\$ (0.00123)	\$ (9,056,535)	April 1, 2023	\$ 0.00230	\$ 16,728,440	\$ 25,784,975
(11) Total			\$ 273,164,160			\$ 302,372,194	\$ 29,208,034

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 23-03-EL
In Re: 2023 Annual Retail Rate Filing
Responses to the Commission's Second Set of Data Requests
Issued on February 20, 2023

PUC 2-17

Request:

Please provide the amount of revenue deferred and forecasted to have been deferred through March 2023 caused from the deferral of the customer charges in Docket 4978 in rate classes A-16, A-60, and C-06.

Response:

Please see the table below for the requested information.

		Customer Count					Deferred Customer Charge								
							\$6.00	\$6.00	\$10.00	\$8.75					
		Beginning Balance		A16	A60	Metered	C06 Unmetered						Interest Rate	Calculated Interest	Ending Balance
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	Total (j)	(k)	(l)	(m)	
Oct-22 (1)	Actual	\$0	405,551	38,358	52,640	562	(\$969,907)	(\$93,576)	(\$194,528)	(\$1,668)	(\$1,259,679)	1.45%	(\$761)	(\$1,260,440)	
Nov-22	Actual	(\$1,260,440)	407,128	37,214	52,616	562	(\$2,442,768)	(\$223,284)	(\$526,160)	(\$4,918)	(\$3,197,130)	1.45%	(\$3,455)	(\$4,461,025)	
Dec-22	Actual	(\$4,461,025)	406,164	39,039	52,712	562	(\$2,436,984)	(\$234,234)	(\$527,120)	(\$4,918)	(\$3,203,256)	1.45%	(\$7,326)	(\$7,671,607)	
Jan-23	Actual	(\$7,671,607)	407,552	38,479	52,861	566	(\$2,445,312)	(\$230,874)	(\$528,610)	(\$4,953)	(\$3,209,749)	1.45%	(\$11,209)	(\$10,892,565)	
Feb-23	Actual	(\$10,892,565)	408,249	38,600	53,015	568	(\$2,449,494)	(\$231,600)	(\$530,150)	(\$4,970)	(\$3,216,214)	1.45%	(\$15,105)	(\$14,123,884)	
Mar-23	Est	(\$14,123,884)	408,392	36,184	52,727	781	(\$2,450,352)	(\$217,104)	(\$527,270)	(\$6,834)	(\$3,201,560)	2.95%	(\$38,656)	(\$17,364,100)	
Apr-23 (2)	Est	(\$17,364,100)	408,487	36,193	52,773	780	(\$1,427,548)	(\$90,674)	(\$220,352)	(\$2,850)	(\$1,741,424)	2.95%	(\$44,827)	(\$19,150,351)	

(1) Excludes September 2022 charges billed in October 2022.

(2) Includes March 2023 charges billed in April 2023.

PUC 2-18

Request:

Referring to the testimony on Bates page 21-22, and the CTC credits being credited to the Company's storm fund,

- a. please provide (i) the monthly amounts of the CTC credits that the Company has credited or will have credited to the Storm Fund for the period April 1, 2022 through March 31, 2023 and (ii) a forecast of the monthly amounts that the Company expects to be crediting to the Company's storm fund from April 1, 2023 through March 31, 2024.
- b. Please provide a schedule showing the monthly charges and credits to the storm fund over the period from January 1, 2022 through the most current month for which data is available, and indicate the current deferred balance.

Response:

- a. Please see Attachment PUC 2-18, Page 1 Column (e) for the amounts of the CTC credits that the Company has credited the Storm Fund for Calendar Year 2022. Also, please see Attachment PUC 2-18, Page 2 for the amounts that the Company forecasts will be credited to the Storm Fund for CTC credits in Calendar Year 2023. The amounts for Calendar Year 2024 will not be determined until the Reconciliation of Contract Termination Charge filing is filed in January 2024.
- b. Please see Attachment PUC 2-18, Page 1 for the preliminary storm fund activity from January 2022 through December 2022.

The Narragansett Electric Company
d/b/a Rhode Island Energy
Preliminary Annual Report of Storm Fund Activity
For the Year Ended December 31, 2022

Line No.	Month	Beginning Balance	Monthly Contributions				Total Monthly Contributions	Monthly Interest	Projected Storm Charges	Net Revenue Sharing Adjustment	Adjustments	Ending Balance
			Monthly Contribution	Monthly Contribution	Supplemental Contribution	Contract Termination Charge						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
1	January-22	(\$160,728,027)	\$359,261	\$250,000	\$1,768,575		\$2,377,836	(\$120,046)	(\$42,618)	\$0	\$11,965,200	(\$146,547,655)
2	February-22	(\$146,547,655)	\$359,261	\$250,000	\$1,813,406		\$2,422,667	(\$109,571)	(\$1,534,462)	\$0	\$0	(\$145,769,021)
3	March-22	(\$145,769,021)	\$359,261	\$250,000	\$1,696,784		\$2,306,045	(\$177,601)	(\$2,428,760)	\$0	\$0	(\$146,069,337)
4	April-22	(\$146,069,337)	\$359,261	\$250,000	\$2,616,160	\$439,574	\$3,664,995	(\$177,894)	(\$2,989,747)	\$0	\$0	(\$145,571,982)
5	May-22	(\$145,571,982)	\$359,261	\$250,000	\$3,964,972	\$409,310	\$4,983,543	(\$178,114)	\$0	\$0	\$2,384,000	(\$138,382,553)
6	June-22	(\$138,382,553)	\$359,261	\$250,000	\$4,277,390	\$433,427	\$5,320,078	(\$170,223)	(\$1,244,684)	\$0	\$0	(\$134,477,382)
7	July-22	(\$134,477,382)	\$359,261	\$250,000	\$5,229,669	\$524,658	\$6,363,588	(\$165,708)	\$0	\$0	\$0	(\$128,279,502)
8	August-22	(\$128,279,502)	\$359,261	\$250,000	\$6,247,868	\$626,623	\$7,483,752	(\$158,849)	(\$2,496,671)	\$0	\$0	(\$123,451,270)
9	September-22	(\$123,451,270)	\$359,261	\$250,000	\$5,684,325	\$567,274	\$6,860,860	(\$153,692)	\$0	\$0	\$0	(\$116,744,102)
10	October-22	(\$116,744,102)	\$359,261	\$250,000	\$4,419,753	\$443,919	\$5,472,933	(\$145,211)	(\$1,112,329)	\$0	\$0	(\$112,528,709)
11	November-22	(\$112,528,709)	\$359,261	\$250,000	\$4,093,736	\$410,179	\$5,113,175	(\$139,279)	(\$75,266)	\$0	\$0	(\$107,630,079)
12	December-22	(\$107,630,079)	\$359,261	\$250,000	\$4,319,585	\$431,637	\$5,360,483	(\$133,142)	(\$4,517,919)	\$0	\$611,620	(\$106,309,036)
13	Year Ended 12/31/22	(\$160,728,027)	\$4,311,132	\$3,000,000	\$46,132,224	\$4,286,600	\$57,729,956	(\$1,829,330)	(\$16,442,456)	\$0	\$14,960,820	(\$106,309,036)

Column Notes:

- (a) Ending balance per Docket No. 2509, Attachment 2, Page 2, Line 12, Column (j)
- (b) Per RIPUC Docket No. 4770, the base distribution rate revenue requirement includes \$4,311,132 annually as a contribution to the Storm Fund.
- (c) Per RIPUC Docket No. 4323, an additional \$3.0 million is to be contributed annually to the Storm Fund commencing February 1, 2013. At the end of the six-year period, the continuation of this supplemental \$3.0 million annual Storm Fund contribution will be subject to PUC review. Per RIPUC Docket No. 4686, an extension of an additional \$3.0 million is to be contributed annually to the Storm Fund.
- (d) Per RIPUC Docket No. 4686, Storm Fund Replenishment Factor (SFRF) amount commencing July 1, 2017.
- (e) Per RIPUC Docket No. 5188, the PUC voted to deposit Contract Termination Charge (CTC) credits to the Storm Fund
- (f) Column (b) + Column (c) + Column (d) + Column (e)
- (g) ((Current Month Beginning Balance) - (Previous Month Total Contributions / 2) x Current Customer Deposit Rate/12).
- (h) Per Company Estimated Storm Deferrals
- (i) In accordance with Paragraph (2) of the Joint Settlement Agreement, RIPUC Docket No. 4686, Net Revenue Sharing is a credit to the Storm Fund reflecting 75 percent of certain proceeds received by the Company for performing storm response services in other jurisdictions. Net Revenue is defined as the proceeds received or cost reductions achieved for base labor and non-incremental labor overhead costs on all labor (i.e. not just base labor) charged for storm restoration services provided to other utilities, whether affiliated or non-affiliated, less an amount equal to the labor capitalization rate in the base-rate case in effect during the period in which the
- (j) January 2022, a one-time credit equal to the portion of the ~ \$12 million revenue credit, allocated to The Narragansett Electric Company customers, that the Company committed to make to the Storm Fund as part of the resolution of the Block Island Transmission System (BITS) surcharge issues with the RI Division. May 2022 represents total Customer Shared Earning for the 12 months ending December 31, 2021 per Docket No. 4770. December 2022 represents 50% of 2022 attachment fee revenue in excess of \$850,000 in the amount of \$611,620.

		Rate			kWh			Amount \$			TOTAL
		NECO-BVE	NECO-NE	NECO-NEES	NECO-BVE	NECO-NE	NECO-NEES	NECO-BVE	NECO-NE	NECO-NEES	
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	January-23	(0.0008)	(0.0006)	(0.0006)	111,986,940	52,162,665	467,042,043	(\$89,590)	(\$31,298)	(\$280,225)	(\$401,112)
2	February	(0.0008)	(0.0006)	(0.0006)	103,484,716	51,533,941	456,412,316	(\$82,788)	(\$30,920)	(\$273,847)	(\$387,556)
3	March	(0.0008)	(0.0006)	(0.0006)	96,830,761	48,215,785	443,065,714	(\$77,465)	(\$28,929)	(\$265,839)	(\$372,234)
4	April	(0.0008)	(0.0006)	(0.0006)	95,325,205	45,524,039	417,807,005	(\$76,260)	(\$27,314)	(\$250,684)	(\$354,259)
5	May	(0.0008)	(0.0006)	(0.0006)	89,220,851	41,997,533	397,241,360	(\$71,377)	(\$25,199)	(\$238,345)	(\$334,920)
6	June	(0.0008)	(0.0006)	(0.0006)	98,574,355	42,146,999	425,160,825	(\$78,859)	(\$25,288)	(\$255,096)	(\$359,244)
7	July	(0.0008)	(0.0006)	(0.0006)	120,206,024	51,060,128	521,163,307	(\$96,165)	(\$30,636)	(\$312,698)	(\$439,499)
8	August	(0.0008)	(0.0006)	(0.0006)	132,095,707	63,175,797	589,963,144	(\$105,677)	(\$37,905)	(\$353,978)	(\$497,560)
9	September	(0.0008)	(0.0006)	(0.0006)	117,234,416	61,716,163	527,287,035	(\$93,788)	(\$37,030)	(\$316,372)	(\$447,189)
10	October	(0.0008)	(0.0006)	(0.0006)	94,038,117	47,922,602	422,182,949	(\$75,230)	(\$28,754)	(\$253,310)	(\$357,294)
11	November	(0.0008)	(0.0006)	(0.0006)	90,010,286	42,061,645	390,368,726	(\$72,008)	(\$25,237)	(\$234,221)	(\$331,466)
12	December	(0.0008)	(0.0006)	(0.0006)	95,520,662	47,646,702	439,141,128	(\$76,417)	(\$28,588)	(\$263,485)	(\$368,489)
13	Total				1,244,528,040	595,163,999	5,496,835,551	(\$995,622)	(\$357,098)	(\$3,298,101)	(\$4,650,822)

(a) - (c) Calendar Year 2022 monthly rate per the Reconciliation of Contract Termination Charge per National Grid's Filing on January 31, 2023

(d) - (e) 5 year monthly average usage kWh

(g) Column (a) x Column (d)

(h) Column (b) x Column (e)

(i) Column (c) x Column (f)

(j) Sum of Columns (g) through (i)