

February 28, 2020

VIA HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4935 – Standard Offer Service Procurement Plan
Docket 4935 – Renewable Energy Standard Reconciliation
Docket 4995 – Proposed FY 2020 Electric Infrastructure, Safety, and Reliability Plan
Docket 5005 – 2020 Electric Retail Rate Filing
Response to PUC’s Combined Data Request

Dear Ms. Massaro:

On behalf of National Grid,¹ enclosed are ten (10) copies of the Company’s response to the Public Utilities Commission’s Combined Data Request issued in the above-referenced dockets on February 18, 2020.

Thank you for your attention to this transmittal. If you have any questions, please contact me at 401-784-4263.

Very truly yours,



Andrew S. Marcaccio

Enclosures

cc: Docket 4935 Service List
Docket 4995 Service List
Docket 5005 Service List
John Bell, Division

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

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket Nos. 4935, 4995, and 5005
Response to the Commission's Combined Data Request
Issued in the Above-Referenced Dockets
On February 18, 2020

Combined Data Request PUC 1-1

Request:

Please provide bill impacts assuming all rates proposed for effect April 1st in the above dockets are approved as filed.

Response:

Please see Attachment PUC 1-1 for the combined bill impact of all proposed rate changes for April 1, 2020, as currently filed or approved, including the base Standard Offer Service Rates approved by the Public Utilities Commission (PUC) on February 18, 2020 (RIPUC Docket No. 4935), the Electric Infrastructure, Safety, and Reliability Fiscal Year 2021 Supplemental Filing (RIPUC Docket No. 4995), and all rates proposed in the 2020 Revised Annual Retail Rate Filing (RIPUC Docket No. 5005).

For a residential customer receiving Standard Offer Service and using 500 kWh, the impact is a decrease of \$9.83 from \$118.05 to \$108.22, or 8.3%.

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-16 Rate Customers

Monthly kWh (a)	Rates Effective January 1, 2020			Proposed Rates effective April 1, 2020			Total			Increase (Decrease) % of Total Bill			Percentage of Customers (f)		
	Delivery Services (b)	Supply Services (c)	GET (d)	Delivery Services (f) = (d) - (b)	Supply Services (g)	GET (h)	Delivery Services (i) = (f) - (g)	Supply Services (j) = (h) - (c)	GET (k) = (i) - (d)	Delivery Services (m) = (i) - (j)	Supply Services (n) = (j) - (c)	GET (o) = (m) - (k)			
150	\$23.65	\$16.44	\$1.67	\$24.81	\$12.45	\$1.55	\$38.81	\$1.16	(\$3.99)	(\$0.12)	2.8%	-9.6%	-0.3%	-7.1%	30.1%
300	\$38.60	\$32.87	\$2.98	\$40.91	\$24.90	\$2.74	\$68.55	\$2.31	(\$7.97)	(\$0.24)	3.1%	-10.7%	-0.3%	-7.9%	12.9%
400	\$48.57	\$43.83	\$3.85	\$51.65	\$33.20	\$3.54	\$88.39	\$3.08	(\$10.63)	(\$0.31)	3.2%	-11.0%	-0.3%	-8.2%	11.6%
500	\$58.54	\$54.79	\$4.72	\$62.39	\$41.50	\$4.33	\$108.22	\$3.85	(\$13.29)	(\$0.39)	3.3%	-11.3%	-0.3%	-8.3%	9.6%
600	\$68.50	\$65.74	\$5.59	\$73.12	\$49.79	\$5.12	\$128.03	\$4.62	(\$15.95)	(\$0.47)	3.3%	-11.4%	-0.3%	-8.4%	7.7%
700	\$78.47	\$76.70	\$6.47	\$83.86	\$58.09	\$5.91	\$147.86	\$5.39	(\$18.61)	(\$0.56)	3.3%	-11.5%	-0.3%	-8.5%	19.0%
1,200	\$128.30	\$131.48	\$10.82	\$137.54	\$99.59	\$9.88	\$247.01	\$9.24	(\$31.89)	(\$0.94)	3.4%	-11.8%	-0.3%	-8.7%	6.8%
2,000	\$208.04	\$219.14	\$17.80	\$223.44	\$165.98	\$16.23	\$405.65	\$15.40	(\$53.16)	(\$1.57)	3.5%	-11.9%	-0.4%	-8.8%	2.3%

Line Item on Bill

Proposed Rates effective April 1, 2020

Rates Effective January 1, 2020

Line Item	Proposed Rates effective April 1, 2020 (t)	Rates Effective January 1, 2020 (s)
(1) Distribution Customer Charge	\$6.00	\$6.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90	\$1.90
(4) Distribution Charge (per kWh)	\$0.04496	\$0.04496
(5) Operating & Maintenance Expense Charge	\$0.00204	\$0.00204
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)
(7) CapEx Factor Charge	\$0.00116	\$0.00116
(8) CapEx Reconciliation Factor	\$0.00071	\$0.00071
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)
(10) Pension Adjustment Factor	(\$0.00005)	(\$0.00005)
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288
(12) Arraerage Management Adjustment Factor	\$0.00010	\$0.00010
(13) Low Income Discount Recovery Factor	\$0.00152	\$0.00152
(14) Long-term Contracting for Renewable Energy Charge	\$0.00543	\$0.00543
(15) Net Metering Charge	\$0.00068	\$0.00068
(16) Base Transmission Charge	\$0.03034	\$0.03034
(17) Transmission Adjustment Factor	(\$0.00217)	(\$0.00217)
(18) Transmission Uncollectible Factor	\$0.00037	\$0.00037
(19) Base Transition Charge	(\$0.00093)	(\$0.00093)
(20) Transition Adjustment	(\$0.00021)	(\$0.00021)
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353
(22) Standard Offer Service Base Charge	\$0.10884	\$0.10884
(23) SOS Adjustment Factor	(\$0.00223)	(\$0.00223)
(24) SOS Administrative Cost Adjustment Factor	\$0.00233	\$0.00233
(25) Renewable Energy Standard Charge	\$0.00065	\$0.00065

Line Item on Bill	Proposed Rates effective April 1, 2020 (t)	Rates Effective January 1, 2020 (s)
(26) Customer Charge	\$6.00	\$6.00
(27) LIHEAP Enhancement Charge	\$0.80	\$0.80
(28) RE Growth Program	\$1.90	\$1.90
(29) Transmission Charge	\$0.02854	kWh x
(30) Distribution Energy Charge	\$0.05263	kWh x
(31) Transition Charge	(\$0.00114)	kWh x
(32) Energy Efficiency Programs	\$0.01353	kWh x
(33) Renewable Energy Distribution Charge	\$0.00611	kWh x
(34) Supply Services Energy Charge	\$0.10957	kWh x

Column (s): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2020

Column (t): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020

Line (5) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (1), Column (a); Line (7) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (3), Column (a)

Line (14) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (k)

Line (15) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (l)

Line (16) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (m)

Line (17) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (n)

Line (18) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (o)

Line (19) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (p)

Line (20) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (8), Column (q)

Line (22) per RIPUC Docket No. 4935, Proposed Standard Offer Service Rates, filed January 15, 2020, Attachment 1, Page 3, Line (10); Approved February 18, 2020

Line (23) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (1), Column (a)

Line (24) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (1), Column (b)

Line (25) per RIPUC Docket No. 4935, 2020 Renewable Energy Standard (RES) Reconciliation, Attachment 1, Page 1, Line (10)

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-60 Rate Customers

Monthly kWh	Rates Effective January 1, 2020				Proposed Rates effective April 1, 2020				\$ Increase (Decrease)				Percentage of Customers					
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = [(b)+(c)] x .25	Total (e) = (b) + (c) + (d)	Delivery Services (h)	Supply Services (i)	Low Income Discount (j) = [(h)+(i)] x .25	Total (k) = (h) + (i) + (j)	Delivery Services (m) = (h)+(i)-(j)	Supply Services (n) = (i)-(j)-(k)	GET (o) = (k) - (l)	Total (p) = (m) + (n) + (o)		Delivery Services (q) = (m) ÷ [(b)+(d)]	Supply Services (r) = (n) ÷ [(b)+(d)]	GET (s) = (o) ÷ (p)	Total (t) = (q) ÷ (r)	
150	\$21.42	\$16.44	(\$9.47)	\$28.39	\$22.58	\$12.45	(\$8.76)	\$26.27	\$1.09	\$7.36	\$1.87	(\$3.99)	(\$2.21)	6.3%	-13.5%	-0.3%	-7.5%	32.1%
300	\$36.15	\$32.87	(\$17.26)	\$51.76	\$38.46	\$24.90	(\$15.84)	\$47.52	\$1.98	\$49.50	\$3.73	(\$7.97)	(\$4.42)	6.9%	-14.8%	-0.3%	-8.2%	15.4%
400	\$45.96	\$43.83	(\$22.45)	\$67.34	\$49.04	\$33.20	(\$20.56)	\$61.68	\$2.57	\$64.25	\$4.97	(\$10.63)	(\$5.90)	7.1%	-15.2%	-0.3%	-8.4%	12.5%
500	\$55.78	\$54.79	(\$27.64)	\$82.93	\$59.63	\$41.50	(\$25.28)	\$75.85	\$3.16	\$79.01	\$6.21	(\$13.29)	(\$7.38)	7.2%	-15.4%	-0.3%	-8.5%	9.6%
600	\$65.59	\$65.74	(\$32.83)	\$98.50	\$70.21	\$49.79	(\$30.00)	\$90.00	\$3.75	\$93.75	\$7.45	(\$15.95)	(\$8.85)	7.3%	-15.5%	-0.3%	-8.6%	7.2%
700	\$75.41	\$76.70	(\$38.03)	\$114.08	\$80.80	\$58.09	(\$34.72)	\$104.17	\$4.34	\$108.51	\$8.70	(\$18.61)	(\$10.32)	7.3%	-15.7%	-0.3%	-8.7%	16.4%
1,200	\$124.48	\$131.48	(\$63.99)	\$191.97	\$133.72	\$99.39	(\$58.33)	\$174.98	\$7.29	\$182.27	\$14.90	(\$31.89)	(\$17.70)	7.5%	-15.9%	-0.4%	-8.9%	5.2%
2,000	\$203.00	\$219.14	(\$105.54)	\$316.60	\$218.40	\$165.98	(\$96.10)	\$288.28	\$12.01	\$300.29	\$24.84	(\$53.16)	(\$11.8)	7.5%	-16.1%	-0.4%	-8.9%	1.6%

Rates Effective January 1, 2020

	(w)
(1) Distribution Customer Charge	\$4.00
(2) LIHEAP Enhancement Charge	\$0.80
(3) Renewable Energy Growth Program Charge	\$1.90
(4) Distribution Charge (per kWh)	\$0.04486
(5) Operating & Maintenance Expense Reconciliation Factor	\$0.00204
(6) CapEx Factor Charge	(\$0.00068)
(7) Revenue Decoupling Adjustment Factor	\$0.00071
(8) Pension Adjustment Factor	(\$0.00061)
(9) Storm Fund Replenishment Factor	(\$0.00005)
(10) Acreage Management Adjustment Factor	\$0.00288
(11) Low Income Discount Recovery Factor	\$0.00010
(12) Long-term Contracting for Renewable Energy Charge	\$0.00543
(13) Net Metering Charge	\$0.00068
(14) Base Transmission Charge	\$0.03034
(15) Transmission Adjustment Factor	(\$0.00217)
(16) Transmission Uncollectible Factor	\$0.00037
(17) Base Transition Charge	(\$0.00093)
(18) Energy Efficiency Program Charge	\$0.01353
(19) Standard Offer Service Base Charge	\$0.16884
(20) S05 Adjustment Factor	(\$0.0023)
(21) S05 Administrative Cost Adjustment Factor	\$0.00233
(22) Renewable Energy Standard Charge	\$0.00063

Line Item on Bill	(x)
(26) Customer Charge	\$4.00
(27) LIHEAP Enhancement Charge	\$0.80
(28) RE Growth Program	\$1.90
(29) Transmission Charge	\$0.2854
(30) Distribution Energy Charge	\$0.05111
(31) Transition Charge	(\$0.00114)
(32) Energy Efficiency Programs	\$0.01353
(33) Renewable Energy Distribution Charge	\$0.00611
(34) Supply Services Energy Charge	\$0.10957
(35) Discount Percentage	25%

Proposed Rates effective April 1, 2020

	(y)
Customer Charge	\$4.00
LIHEAP Enhancement Charge	\$0.80
RE Growth Program	\$1.90
Distribution Energy Charge	\$0.04486
Renewable Energy Distribution Charge	\$0.00212
Transmission Charge	(\$0.00068)
Transition Charge	\$0.00396
Energy Efficiency Programs	\$0.00071
Supply Services Energy Charge	\$0.00661
Discount	(\$0.00005)
Standard Offer Service Base Charge	\$0.00288
Standard Offer Service Charge	\$0.00010
Standard Offer Service Charge	\$0.00000
Standard Offer Service Charge	\$0.00704
Standard Offer Service Charge	\$0.00266
Standard Offer Service Charge	\$0.03096
Standard Offer Service Charge	(\$0.00189)
Standard Offer Service Charge	\$0.00038
Standard Offer Service Charge	(\$0.00074)
Standard Offer Service Charge	\$0.01353
Standard Offer Service Charge	\$0.07457
Standard Offer Service Charge	(\$0.00294)
Standard Offer Service Charge	\$0.00230
Standard Offer Service Charge	\$0.00866

Column (w): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2020

Column (x): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020
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 Line (18) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (e)
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The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to A-60 Rate Customers

Monthly kWh	Rates Effective January 1, 2020				Proposed Rates effective April 1, 2020				\$ Increase (Decrease)				Percentage of Customers				
	Delivery Services (b)	Supply Services (c)	Low Income Discount (d) = [(b)+(c) x .30	Total (e) = (b) + (c) + (d)	Delivery Services (h)	Supply Services (i)	Low Income Discount (j) = [(h)+(i) x .30	Total (k) = (h) + (i) + (j)	Delivery Services (m) = (h)+(i)-(j)	Supply Services (n) = (i)-(c)-(p) = (i)-(f)	GET (o) = (k) - (l)	Total (q) = (m) + (n) + (o)		Delivery Services (r) = (m) ÷ [(b)+(d)]	Supply Services (s) = (n) ÷ (c)	GET (t) = (q) ÷ (e)	
150	\$21.42	\$16.44	(\$11.36)	\$26.50	\$22.58	\$12.45	(\$10.51)	\$24.52	\$2.01	(\$3.99)	\$1.02	\$25.54	\$2.06	-14.5%	-0.3%	-7.5%	32.1%
300	\$36.15	\$32.87	(\$20.71)	\$48.31	\$38.46	\$24.90	(\$19.01)	\$44.35	\$4.01	(\$7.97)	\$1.85	\$46.20	(\$4.12)	-15.8%	-0.3%	-8.2%	15.4%
400	\$45.96	\$43.83	(\$26.94)	\$62.85	\$49.04	\$33.20	(\$24.67)	\$57.57	\$5.35	(\$10.63)	\$2.40	\$59.97	(\$5.50)	-16.2%	-0.3%	-8.4%	12.5%
500	\$55.78	\$54.79	(\$33.17)	\$77.40	\$59.63	\$41.50	(\$30.34)	\$70.79	\$6.68	(\$13.29)	\$2.95	\$73.74	(\$6.89)	-16.5%	-0.3%	-8.5%	9.6%
600	\$65.59	\$65.74	(\$39.40)	\$91.93	\$70.21	\$49.79	(\$36.00)	\$84.00	\$8.02	(\$15.95)	\$3.50	\$87.50	(\$8.26)	-16.7%	-0.3%	-8.6%	7.2%
700	\$75.41	\$76.70	(\$45.63)	\$106.48	\$80.80	\$58.09	(\$41.67)	\$97.22	\$9.35	(\$18.61)	\$4.05	\$101.27	(\$9.65)	-16.8%	-0.4%	-8.7%	16.4%
1,200	\$124.48	\$131.48	(\$76.79)	\$179.17	\$133.72	\$99.39	(\$69.99)	\$163.32	\$16.04	(\$31.89)	\$6.81	\$170.13	(\$16.51)	-17.1%	-0.4%	-8.8%	5.2%
2,000	\$203.00	\$219.14	(\$126.64)	\$295.50	\$218.40	\$165.98	(\$115.31)	\$269.07	\$26.73	(\$53.16)	\$11.21	\$280.28	(\$27.53)	-17.3%	-0.4%	-8.9%	1.6%

Rates Effective January 1, 2020

(w)

\$4.00

\$0.80

\$1.90

\$0.04486

(\$0.00204)

(\$0.00068)

\$0.00116

\$0.00071

(\$0.00061)

(\$0.00065)

\$0.00288

\$0.00010

\$0.00000

\$0.00543

\$0.00068

\$0.03034

(\$0.00217)

\$0.00037

(\$0.00093)

(\$0.00021)

\$0.01353

\$0.0884

(\$0.0023)

\$0.00233

\$0.00063

Proposed Rates effective April 1, 2020

(x)

\$4.00

\$0.80

\$1.90

\$0.04486

(\$0.00212)

(\$0.00068)

\$0.00396

\$0.00071

(\$0.00061)

(\$0.00065)

\$0.00288

\$0.00010

\$0.00000

\$0.00704

\$0.00266

\$0.03096

(\$0.00189)

\$0.00038

(\$0.00074)

(\$0.00088)

\$0.01353

\$0.07457

(\$0.00294)

\$0.00230

\$0.00866

Line Item on Bill
Customer Charge
LHEAP Enhancement Charge
RE Growth Program

Distribution Energy Charge

Renewable Energy Distribution Charge

Transmission Charge

Transition Charge
Energy Efficiency Programs

Supply Services Energy Charge

Line Item on Bill

(26) Customer Charge

(27) LHEAP Enhancement Charge

(28) RE Growth Program

(29) Transmission Charge

(30) Distribution Energy Charge

(31) Transition Charge

(32) Energy Efficiency Programs

(33) Renewable Energy Distribution Charge

(34) Supply Services Energy Charge

(35) Discount Percentage

Column (w): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020, and Summary of Rates Standard Offer Service tariff, R.I.P.U.C. No. 2096, effective 1/1/2020

Column (x): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020

Line (5) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (1), Column (a); Line (7) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (3), Column (a)

Line (14) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (a)

Line (15) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (b)

Line (16) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (c)

Line (17) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (d)

Line (18) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (e)

Line (19) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (9), Column (f)

Line (20) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (2), Column (d)

Line (22) per RIPUC Docket No. 4935, Proposed Standard Offer Service Rates, filed January 15, 2020, Attachment 1, Page 3, Line (10); Approved February 18, 2020

Line (23) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (2), Column (a)

Line (24) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (2), Column (b)

Line (25) per RIPUC Docket No. 4935, 2020 Renewable Energy Standard (RES) Reconciliation, Attachment 1, Page 1, Line (10)

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to C-06 Rate Customers

Monthly kWh (a)	Rates Effective January 1, 2020				Proposed Rates effective April 1, 2020				\$ Increase (Decrease)				Increase (Decrease) % of Total Bill		Percentage of Customers (n)		
	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (b)	Supply Services (c)	GET (d)	Total (e)	Delivery Services (f)	Supply Services (g)	GET (h)	Total (i)	Delivery Services (j)	Supply Services (k)		GET (l)	Total (m)
250	\$37.52	\$25.62	\$2.63	\$65.77	\$39.54	\$19.41	\$2.46	\$61.41	\$2.02	(\$6.21)	(\$0.17)	(\$4.36)	3.1%	-9.4%	-0.3%	-6.6%	56.3%
500	\$61.29	\$51.24	\$4.69	\$117.22	\$65.33	\$38.82	\$4.34	\$108.49	\$4.04	(\$12.42)	(\$0.35)	(\$8.73)	3.4%	-10.6%	-0.3%	-7.4%	16.9%
1,000	\$108.82	\$102.48	\$8.80	\$220.10	\$116.91	\$77.64	\$8.11	\$202.66	\$8.09	(\$24.84)	(\$0.69)	(\$17.44)	3.7%	-11.3%	-0.3%	-7.9%	8.1%
1,500	\$156.36	\$153.72	\$12.92	\$323.00	\$168.49	\$116.46	\$11.87	\$296.82	\$12.13	(\$37.26)	(\$1.05)	(\$26.18)	3.8%	-11.5%	-0.3%	-8.1%	5.0%
2,000	\$203.89	\$204.96	\$17.04	\$425.89	\$220.07	\$155.28	\$15.64	\$390.99	\$16.18	(\$49.68)	(\$1.40)	(\$34.90)	3.8%	-11.7%	-0.3%	-8.2%	13.6%

Line Item on Bill	Rates Effective January 1, 2020		Proposed Rates effective April 1, 2020		Line Item on Bill
	(o)	(p)	(q)	(r)	
(1) Distribution Customer Charge	\$10.00	\$10.00	\$10.00	\$10.00	Customer Charge
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80	\$0.80	\$0.80	LIHEAP Enhancement Charge
(3) Renewable Energy Growth Program Charge	\$2.95	\$2.95	\$2.95	\$2.95	RE Growth Program
(4) Distribution Charge (per kWh)	\$0.04400	\$0.04400	\$0.04400	\$0.04400	
(5) Operating & Maintenance Expense Charge	\$0.00209	\$0.00209	\$0.00209	\$0.00212	
(6) Operating & Maintenance Expense Reconciliation Factor	(\$0.00008)	(\$0.00008)	(\$0.00008)	(\$0.00008)	
(7) CapEx Factor Charge	\$0.00101	\$0.00101	\$0.00101	\$0.00339	
(8) CapEx Reconciliation Factor	\$0.00074	\$0.00074	\$0.00074	\$0.00074	Distribution Energy Charge
(9) Revenue Decoupling Adjustment Factor	(\$0.00061)	(\$0.00061)	(\$0.00061)	(\$0.00061)	
(10) Pension Adjustment Factor	(\$0.00005)	(\$0.00005)	(\$0.00005)	(\$0.00005)	
(11) Storm Fund Replenishment Factor	\$0.00288	\$0.00288	\$0.00288	\$0.00288	
(12) Arrange Management Adjustment Factor	\$0.00010	\$0.00010	\$0.00010	\$0.00010	
(13) Low Income Discount Recovery Factor	\$0.00152	\$0.00152	\$0.00152	\$0.00152	
(14) Long-term Contracting for Renewable Energy Charge	\$0.00543	\$0.00543	\$0.00704	\$0.00704	Renewable Energy Distribution Charge
(15) Net Metering Charge	\$0.00068	\$0.00068	\$0.00266	\$0.00266	
(16) Base Transmission Charge	\$0.03047	\$0.03047	\$0.03110	\$0.03110	
(17) Transmission Adjustment Factor	(\$0.0582)	(\$0.0582)	(\$0.00467)	(\$0.00467)	Transmission Charge
(18) Transmission Uncollectible Factor	\$0.00032	\$0.00032	\$0.00051	\$0.00051	
(19) Base Transmission Charge	(\$0.00093)	(\$0.00093)	(\$0.00074)	(\$0.00074)	
(20) Transmission Adjustment	\$0.00211	\$0.00211	\$0.01353	\$0.01353	Transition Charge
(21) Energy Efficiency Program Charge	\$0.01353	\$0.01353	\$0.01353	\$0.01353	Energy Efficiency Programs
(22) Standard Offer Service Base Charge	\$0.09914	\$0.09914	\$0.06580	\$0.06580	
(23) SOS Adjustment Factor	\$0.00154	\$0.00154	\$0.00094	\$0.00094	Supply Services Energy Charge
(24) SOS Administrative Cost Adjustment Factor	\$0.00217	\$0.00217	\$0.00224	\$0.00224	
(25) Renewable Energy Standard Charge	\$0.00063	\$0.00063	\$0.00866	\$0.00866	
Line Item on Bill					
(26) Customer Charge	\$10.00	\$10.00	\$10.00	\$10.00	
(27) LIHEAP Enhancement Charge	\$0.80	\$0.80	\$0.80	\$0.80	
(28) RE Growth Program	\$2.95	\$2.95	\$2.95	\$2.95	
(29) Transmission Charge	\$0.02497	\$0.02497	\$0.02674	\$0.02674	
(30) Distribution Energy Charge	\$0.05160	\$0.05160	\$0.05401	\$0.05401	
(31) Transition Charge	\$0.00114	\$0.00114	\$0.00082	\$0.00082	
(32) Energy Efficiency Programs	\$0.01353	\$0.01353	\$0.01353	\$0.01353	
(33) Renewable Energy Distribution Charge	\$0.00611	\$0.00611	\$0.00970	\$0.00970	
(34) Supply Services Energy Charge	\$0.10248	\$0.10248	\$0.07764	\$0.07764	

Column (o): per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020, and Summary of Rates Standard Offer Service Rates, R.I.P.U.C. No. 2096, effective 1/1/2020

Column (p): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020

Column (q): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020

Column (r): Lines (1)-(4), (6), (8)-(13), (21) per Summary of Retail Delivery Service Rates, R.I.P.U.C. No. 2095 effective 1/1/2020

Line (14) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (10), Column (k)

Line (15) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (10), Column (k)

Line (16) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (10), Column (k)

Line (17) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (10), Column (k)

Line (18) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (10), Column (k)

Line (19) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (3), Column (c)

Line (20) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (3), Column (d)

Line (22) per RIPUC Docket No. 4935, Proposed Standard Offer Service Rates, filed January 15, 2020, Attachment 1, Page 4, Line (10); Approved February 18, 2020

Line (23) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (1), Column (b)

Line (24) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (1), Column (b)

Line (25) per RIPUC Docket No. 4935, 2020 Renewable Energy Standard (RES) Reconciliation, Attachment 1, Page 1, Line (10)

The Narragansett Electric Company
Calculation of Monthly Typical Bill
Total Bill Impact of Proposed
Rates Applicable to C-G Rate Customers

Rates Effective January 1, 2020			Proposed Rates effective April 1, 2020			% Increase (Decrease)			Increase (Decrease) % of Total Bill				
Monthly Power Hours Use	Delivery Services (b)	Total (c)	Delivery Services (b)	Total (c)	GET (d)	Delivery Services (b)	Total (c)	GET (d)	Delivery Services (b)	Total (c)	GET (d)	Total (om)	
20	4,000	\$475.63	\$409.92	\$536.90	\$242.45	\$804.51	\$510.56	\$339.96	\$849.03	\$82.94	(\$74.42)	-0.3%	-8.0%
50	200	\$1,033.75	\$1,024.80	\$885.77	\$2,144.32	\$1,116.45	\$776.40	\$788.87	\$1,971.72	\$182.70	(\$172.60)	-3.9%	-8.0%
100	200	\$1,063.95	\$2,049.60	\$1,072.33	\$4,180.78	\$2,136.35	\$1,552.80	\$1,537.71	\$3,842.86	\$133.71	(\$337.02)	-4.1%	-8.1%
150	200	\$2,894.15	\$2,074.40	\$2,548.69	\$6,217.24	\$3,156.25	\$2,239.20	\$2,285.56	\$5,714.01	\$263.10	(\$503.23)	-4.2%	-8.1%
20	300	\$547.77	\$614.88	\$484.44	\$1,211.09	\$887.59	\$468.84	\$443.89	\$1,097.32	\$30.82	(\$144.04)	-3.2%	-9.4%
50	300	\$1,214.10	\$1,257.20	\$114.64	\$2,865.94	\$1,234.15	\$1,164.60	\$1,037.70	\$2,592.45	\$110.05	(\$103.94)	-3.8%	-9.5%
100	300	\$2,244.65	\$3,074.40	\$224.96	\$5,624.01	\$2,251.75	\$2,292.20	\$2,035.77	\$5,094.32	\$227.10	(\$259.69)	-4.0%	-9.6%
150	300	\$3,435.20	\$4,611.60	\$535.28	\$8,382.08	\$3,779.35	\$3,493.80	\$3,035.25	\$7,976.20	\$344.15	(\$1,117.80)	-4.1%	-9.6%
20	400	\$819.91	\$819.84	\$39.99	\$1,499.74	\$870.67	\$621.12	\$532.82	\$1,245.61	\$307.6	(\$198.72)	-3.4%	-10.3%
50	400	\$1,394.45	\$2,049.60	\$143.50	\$3,587.55	\$1,351.85	\$1,552.80	\$1,283.53	\$2,131.18	\$137.40	(\$496.80)	-3.8%	-10.4%
100	400	\$2,685.35	\$4,099.20	\$282.69	\$7,067.24	\$2,967.15	\$3,106.60	\$2,533.03	\$6,235.78	\$281.80	(\$993.60)	-4.0%	-10.5%
150	400	\$3,976.25	\$6,148.80	\$421.88	\$10,546.93	\$4,402.45	\$4,688.40	\$777.54	\$9,438.39	\$426.20	(\$1,490.40)	-4.0%	-10.5%
20	500	\$692.05	\$1,024.80	\$71.54	\$1,788.39	\$953.75	\$776.40	\$637.76	\$1,593.91	\$61.70	(\$248.40)	-3.5%	-10.9%
50	500	\$1,274.80	\$2,562.00	\$172.37	\$4,309.17	\$1,739.55	\$1,941.00	\$1,533.36	\$3,833.91	\$164.75	(\$621.40)	-3.8%	-11.0%
100	500	\$3,046.05	\$5,124.00	\$340.42	\$8,510.47	\$3,382.55	\$3,882.00	\$3,027.69	\$7,567.24	\$377.33	(\$943.23)	-4.0%	-11.1%
150	500	\$4,517.30	\$7,686.00	\$508.47	\$12,711.77	\$5,025.55	\$5,833.00	\$4,522.02	\$11,300.57	\$308.25	(\$1,863.00)	-4.0%	-11.1%
20	600	\$764.19	\$1,229.76	\$83.08	\$2,077.03	\$836.83	\$931.68	\$737.69	\$1,842.20	\$72.64	(\$298.08)	-3.5%	-11.3%
50	600	\$1,755.15	\$3,074.40	\$201.23	\$5,050.78	\$1,947.25	\$2,239.20	\$1,781.19	\$4,454.64	\$192.10	(\$23.04)	-3.8%	-11.5%
100	600	\$3,406.75	\$6,148.80	\$398.15	\$9,953.70	\$3,797.95	\$4,658.40	\$323.35	\$8,808.70	\$391.20	(\$1,490.40)	-3.9%	-11.5%
150	600	\$5,038.35	\$9,223.20	\$595.06	\$14,876.61	\$5,648.65	\$6,997.60	\$526.51	\$13,102.76	\$590.30	(\$2,235.60)	-4.0%	-11.5%

Line Item on Bill

Rates Effective January 1, 2020 (c)

Proposed Rates effective April 1, 2020 (p)

Line Item on Bill	Rates Effective January 1, 2020 (c)	Proposed Rates effective April 1, 2020 (p)
(1) Distribution Customer Charge	\$145.00	\$145.00
(2) LIHEAP Enhancement Charge	\$0.80	\$0.80
(3) Renewable Energy Growth Program Charge	\$7.95	\$7.95
(4) Distribution Demand Charge (per kWh) (10kW)	\$0.27	\$0.27
(5) CapEx Escrow Charge (per kWh > 10kW)	\$0.27	\$0.27
(6) Distribution Charge (per kWh)	\$0.0465	\$0.0465
(7) Operating & Maintenance Expense Charge	\$0.0109	\$0.0109
(8) CapEx Reconciliation Factor	(\$0.0008)	(\$0.0008)
(9) Revenue Decoupling Adjustment Factor	\$0.0058	\$0.0058
(10) Pension Adjustment Factor	(\$0.0061)	(\$0.0061)
(11) Storm Fund Replenishment Factor	(\$0.0005)	(\$0.0005)
(12) Average Management Adjustment Factor	\$0.0028	\$0.0028
(13) Low Income Discount Recovery Factor	\$0.0010	\$0.0010
(14) Long-term Contracting for Renewable Energy Charge	\$0.0052	\$0.0052
(15) Net Metering Charge	\$0.0043	\$0.0043
(16) Transmission Demand Charge	\$0.0008	\$0.0008
(17) Base Customer Charge	\$0.1154	\$0.1154
(18) Transmission Adjustment Factor	(\$0.0481)	(\$0.0481)
(19) Transmission Uncollectible Factor	\$0.0029	\$0.0029
(20) Transition Charge	(\$0.00093)	(\$0.00093)
(21) Energy Efficiency Program Charge	\$0.0021	\$0.0021
(22) Standard Offer Service Base Charge	\$0.0814	\$0.0814
(23) SIOS Adjustment Factor	\$0.0015	\$0.0015
(24) SIOS Administrative Cost Adjustment Factor	\$0.0017	\$0.0017
(25) Renewable Energy Standard Charge	\$0.0063	\$0.0063
(26) Supply Services Energy Charge	\$0.0066	\$0.0066
(27) Customer Charge	\$145.00	\$145.00
(28) LIHEAP Enhancement Charge	\$0.80	\$0.80
(29) RE Growth Program	\$7.95	\$7.95
(30) Transmission Adjustment	\$0.0070	\$0.0070
(31) Distribution Energy Charge	\$0.0108	\$0.0108
(32) Distribution Demand Charge	\$4.37	\$4.37
(33) Transmission Charge	(\$0.0014)	(\$0.0014)
(34) Energy Efficiency Programs	\$0.0153	\$0.0153
(35) Renewable Energy Distribution Charge	\$0.0061	\$0.0061
(36) Supply Services Energy Charge	\$0.0074	\$0.0074
(37) Customer Charge	\$145.00	\$145.00
(38) LIHEAP Enhancement Charge	\$0.80	\$0.80
(39) RE Growth Program	\$7.95	\$7.95
(40) Transmission Adjustment	\$0.0070	\$0.0070
(41) Distribution Energy Charge	\$0.0108	\$0.0108
(42) Distribution Demand Charge	\$4.37	\$4.37
(43) Transmission Charge	(\$0.0014)	(\$0.0014)
(44) Energy Efficiency Programs	\$0.0153	\$0.0153
(45) Renewable Energy Distribution Charge	\$0.0061	\$0.0061
(46) Supply Services Energy Charge	\$0.0074	\$0.0074

Line Item on Bill	Rates Effective January 1, 2020 (c)	Proposed Rates effective April 1, 2020 (p)
(38) Customer Charge	\$145.00	\$145.00
(39) LIHEAP Enhancement Charge	\$0.80	\$0.80
(40) RE Growth Program	\$7.95	\$7.95
(41) Transmission Adjustment	\$0.0070	\$0.0070
(42) Distribution Energy Charge	\$0.0108	\$0.0108
(43) Distribution Demand Charge	\$4.37	\$4.37
(44) Transmission Charge	(\$0.0014)	(\$0.0014)
(45) Energy Efficiency Programs	\$0.0153	\$0.0153
(46) Renewable Energy Distribution Charge	\$0.0061	\$0.0061
(47) Supply Services Energy Charge	\$0.0074	\$0.0074

Column (c) per Summary of Retail Delivery Service Rates, RI P.U.C. No. 2095 effective 1/1/2020, and Summary of Rates Standard Offer Service tariff, RI P.U.C. No. 2096, effective 1/1/2020
Column (p) per Summary of Retail Delivery Service Rates, RI P.U.C. No. 2095 effective 4/1/2020, and Summary of Rates Standard Offer Service tariff, RI P.U.C. No. 2096, effective 1/1/2020
Line (15) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (4); Column (c); Line (7) per RIPUC Docket No. 4995, Section 6 Revised, Page 1, Line (1), Column (c)
Line (16) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (11), Column (k)
Line (17) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (11), Column (k)
Line (18) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (12), Column (f)
Line (19) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (11), Column (f)
Line (20) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (11), Column (g)
Line (21) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (11), Column (h)
Line (22) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (4), Column (c)
Line (23) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (4), Column (d)
Line (24) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (4), Column (a)
Line (25) per RIPUC Docket No. 5005, Schedule REP-1 Revised, Line (4), Column (b)
Line (26) per RIPUC Docket No. 4935, 2010 Renewable Energy Standard (RES) Reconciliation, Attachment 1, Page 1, Line (10)

