

March 12, 2019

BY HAND DELIVERY AND ELECTRONIC MAIL

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

Docket 4930 - 2019 Annual Retail Rate Filing RE: **Responses to PUC Data Requests – Set 2**

Dear Ms. Massaro:

I have enclosed ten (10) copies of National Grid's responses to the Public Utilities Commission's Second Set of Data Requests in the above-referenced docket.²

The Company's response to PUC 2-9 is pending.

Thank you for your attention to this filing. If you have any questions, please contact me at 781-907-2121.

Very truly yours,

Raquel J. Webster

Enclosures

Docket 4930 Service List cc: John Bell, Division Al Mancini, Division Christy Hetherington, Esq.

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

² On February 25, 2019, the PUC issued its First Set of Data Requests as a combined set in Docket Nos. 4809, 4915, and 4930 (Annual Retail Rate Docket).

Certificate of Service

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

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.

Joanne M. Scanlon

 $\frac{\text{March } 12,\,2019}{\text{Date}}$

National Grid – 2019 Annual Retail Rate Filing - Docket No. 4930 Service List Updated 2/27/2019

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PUC 2-1

Request:

Please re-file the response to PUC 1-1, Docket 4805 updated to include 2018 data.

Response:

Please see Attachment PUC 2-1 for the update to PUC 1-1 in Docket 4805, which includes 2018 data.

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4930 Attachment PUC 2-1 Page 1 of 5

Long-Term Contracting for Renewable Energy Recovery (LTCRER) Total Costs For the Period January 2018 through December 2018

(1)	Above Market Cost for the period January 2018 through December 2018 (AM)	\$45,155,797
(2)	Customer Share of Net Forward Capacity Market Proceeds (NFCMP)	\$101,051
(3)	Administrative Costs (ADM)	\$41,737
(4)	Performance Guarantee Deposit Refunds	(\$1,823,343)
(5)	2.75% Remuneration	<u>\$1,731,095</u>
(6)	Total Costs	\$45,004,236

- (1) per page 4, column (c), Line (32)
- (2) per Schedule REP-18, Page 4, Column (f)
- (3) per page 5, Line (9)
- (4) Included in Schedule REP-18, Page 4, Column (a)
- (5) per Schedule REP-18, Page 4, Column (j)
- (6) Line (1) Line (2) + Line (3) + Line (5)

Long-Term Contracting for Renewable Energy Recovery (LTCRER) Annual Actual Contract Cost For the Period January 2018 through December 2018

Annual Contract Cost

	<u>Unit</u>	Unit Capacity (MW) (a)	Commercial Operation Date (b)	Unit Availability Efficiency Factor (c)	Actual Annual <u>Output (MWh)</u> (d)	Resettlements for Generation prior to CY18 (e)	Contract Price (\$ per MWh) (f)	Prior Period Contract Price (\$ per MWh) (g)	Actual Annual <u>Contract Cost</u> (h)
(1)	RI LFG Genco Asset No. 40054	32.100	05/28/13	75%	210,194.6		\$138.93		\$29,201,502
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	1.500	03/01/13	19%	2,546.2	97.2	\$133.50	\$133.50	\$352,901
(3)	Con Edison Development Plain Mtg House Asset No. 43512	2.000	07/19/13	15%	2,554.6	77.8	\$275.00	\$275.00	\$723,917
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	0.500	07/18/13	5%	205.43		\$316.00		\$64,915
(5)	Comtram Cable Asset No. 43586	0.499	09/30/13	14%	606.1		\$316.00		\$191,517
(6)	CCI New England 500 kW Asset No. 43607	0.498	10/25/13	15%	654.9		\$316.00		\$206,947
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	0.128	10/21/13	10%	113.5		\$288.00		\$32,699
(8)	Black Bear Orono B Hydro Asset No. 38083	3.958	11/22/13	69%	23,967.0		\$100.47		\$2,408,337
(9)	West Davisville Solar Asset No. 43716	2.340	12/06/13	14%	2,848.7	18.2	\$236.99	\$236.99	\$679,444
(10)	Forbes Street Solar Asset No. 43762	3.710	12/20/13	14%	4,478.3	35.4	\$239.00	\$239.00	\$1,078,752
(11)	CCI New England 181 kW Asset No. 43921	0.181	02/27/14	12%	183.9		\$316.00		\$58,099
(12)	100 Dupont Solar Asset No. 44003	1.500	03/25/14	12%	1,631.35	9.9	\$209.00	\$209.00	\$343,014
(13)	225 Dupont Solar Asset No. 44004	0.300	03/25/14	13%	335.7	2.2	\$316.00	\$316.00	\$106,792
(14)	35 Martin Solar Asset No. 44006	0.500	03/27/14	12%	546.29	4.178	\$316.00	\$316.00	\$173,948
(15)	0 Martin Solar Asset No. 44005	0.500	03/27/14	13%	577.19		\$316.00		\$182,390
(16)	Gannon & Scott Solar Asset No. 44010	0.406	04/29/14	7%	240.74		\$284.00		\$68,371
(17)	All American Foods Solar Asset. No. 46721	0.331	10/24/14	12%	351.7	2.0	\$284.00	\$284.00	\$100,458
(18)	Brickle Group Solar Project Asset. No. 46911	1.084	12/04/14	14%	1,361.9	10.5	\$184.90	\$184.90	\$253,759
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	0.182	12/11/14	12%	186.2		\$288.00		\$53,632
(20)	Newport Vineyards Solar Asset. No. 46917	0.053	12/15/14	12%	53.73		\$299.50		\$16,092
(21)	SER Solar 23 Appian Way Asset. No. 46926	0.052	12/17/14	12%	53.8		\$277.57		\$14,927
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	0.498	02/28/15	15%	637.0		\$194.88		\$124,140
(23)	Randall Steere Farm Asset. No. 46998	0.091	03/18/15	7%	55.7	0.3	\$299.49	\$299.49	\$16,775
(24)	Johnston Solar Asset No. 47357	1.700	08/03/15	11%	1,692.72	5.26	\$175.00	\$175.00	\$297,147
(25)	North Kingstown Solar 1720 Davisville Rd Asset No. 47487	0.500	10/20/15	13%	591.1	4.7	\$190.00	\$190.00	\$113,196
(26)	Wilco 260 South County Trail - Asset No. 48664	1.246	08/11/16	14%	1,496.62		\$219.50		\$328,507
(27)	Foster Solar - Asset No. 48774	1.250	09/08/16	14%	1,562.36	11.6	\$205.99	\$205.99	\$324,218
(28)	Brookside Equestrian Center No. 48899	1.246	10/19/16	14%	1,582.4		\$149.90		\$237,197
(29)	Deepwater Wind Asset No. 38495	30.000	12/12/16	45%	117,364.0	1,422.4	\$252.49	\$243.95	\$29,980,228
(30)	Orbit Energy Asset No. 50057	3.200	08/24/17	0%	5.4		\$96.90		\$523
(31)	Frenchtown Road Solar - Asset No. 50731	1.250	01/30/18	12%	<u>1,363.8</u>	0.0	\$196.00		<u>\$267,312</u>
(32)	Total				378,679	1,701.6			\$68,001,656

⁽a) (b) (c) (d)

commercially operable units start date of commercial operation Column (d) / (Column (a) x 8760 hours)

per Company reports

⁽e) per Company Accounting records

⁽f)

⁽g) (h)

per Purchase Power Agreements
per Purchase Power Agreements
Column (d) x (Column (f) + Column (e) x Column (g)

Long-Term Contracting for Renewable Energy Recovery (LTCRER) Actual Market Value For the Period January 2018 through December 2018

Estimated Market Value

	<u>Unit</u>	Actual MWh Purchased <u>Under Contracts</u> (a)	Energy Market <u>Value</u> (b)	REC Market <u>Value</u> (c)	Capacity (d)	Total Market <u>Value</u> (e)
(1)	RI LFG Genco Asset No. 40054	210,194.6	\$9,091,559	\$1,640,828	\$2,910,474	\$13,642,860
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394	2,546.2	\$133,713	\$21,240	\$0	\$154,953
(3)	Con Edison Development Plain Mtg House Asset No. 43512	2,554.6	\$103,982	\$20,078	\$0	\$124,060
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527	205.4	\$9,680	\$4,195	\$0	\$13,876
(5)	Comtram Cable Asset No. 43586	606.1	\$24,793	\$4,549	\$0	\$29,342
(6)	CCI New England 500 kW Asset No. 43607	654.9	\$26,007	\$2,975	\$0	\$28,982
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685	113.5	\$4,092	\$988	\$0	\$5,080
(8)	Black Bear Orono B Hydro Asset No. 38083	23,967.0	\$876,595	\$200,817	\$318,939	\$1,396,351
(9)	West Davisville Solar Asset No. 43716	2,848.7	\$110,049	\$23,255	\$0	\$133,304
(10)	Forbes Street Solar Asset No. 43762	4,478.3	\$177,328	\$37,738	\$0	\$215,066
(11)	CCI New England 181 kW Asset No. 43921	183.9	\$7,088	\$1,700	\$0	\$8,788
(12)	100 Dupont Solar Asset No. 44003	1,631.3	\$62,768	\$13,323	\$0	\$76,091
(13)	225 Dupont Solar Asset No. 44004	335.7	\$12,256	\$2,779	\$0	\$15,035
(14)	35 Martin Solar Asset No. 44006	546.3	\$20,204	\$4,502	\$0	\$24,706
(15)	0 Martin Solar Asset No. 44005	577.2	\$21,162	\$4,654	\$0	\$25,816
(16)	Gannon & Scott Solar Asset No. 44010	240.7	\$8,982	\$2,777	\$0	\$11,758
(17)	All American Foods Solar Asset. No. 46721	351.7	\$12,385	\$2,157	\$0	\$14,542
(18)	Brickle Group Solar Project Asset. No. 46911	1,361.9	\$54,084	\$11,437	\$0	\$65,521
(19)	T.E.A.M. Inc. Solar Asset. No. 46913	186.2	\$6,740	\$1,559	\$0	\$8,299
(20)	Newport Vineyards Solar Asset. No. 46917	53.7	\$1,929	\$487	\$0	\$2,416
(21)	SER Solar 23 Appian Way Asset. No. 46926	53.8	\$2,023	\$447	\$0	\$2,470
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020	637.0	\$25,965	\$5,296	\$0	\$31,261
(23)	Randall Steere Farm Asset. No. 46998	55.7	\$2,216	\$683	\$0	\$2,899
(24)	Johnston Solar Asset No. 47357	1,692.7	\$65,389	\$15,161	\$0	\$80,549
(25)	North Kingstown Solar 1720 Davisville Rd Asset No. 47487	591.1	\$23,168	\$5,016	\$0	\$28,184
(26)	Wilco 260 South County Trail - Asset No. 48664	1,496.6	\$59,987	\$12,456	\$0	\$72,443
(27)	Foster Solar - Asset No. 48774	1,562.4	\$61,095	\$13,183	\$0	\$74,277
(28)	Brookside Equestrian Center No. 48899	1,582.4	\$61,556	\$13,058	\$0	\$74,613
(29)	Deepwater Wind Asset No. 38495	117,364.0	\$5,568,701	\$860,414	\$0	\$6,429,115
(30)	Orbit Energy Asset No. 50057	5.4	\$357	(\$120)	\$0	\$237
(31)	Frenchtown Road Solar - Asset No. 50731	1,363.8	<u>\$49,016</u>	<u>\$3,949</u>	<u>\$0</u>	<u>\$52,965</u>
(32)	Total		\$16,684,869	\$2,931,578	\$3,229,412	\$22,845,859

⁽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 2018 through December 2018

Above (Below) Market Cost

	Above (Below) Market Cost			77 . 1	
			Actual	Total	
			Annual	Market	Above
	<u>Unit</u>		Contract Cost	<u>Value</u>	(Below) Market Cost
			(a)	(b)	(c)
(1)	RI LFG Genco Asset No. 40054		\$29,201,502	\$13,642,860	\$15,558,642
(2)	Wind Energy Dev. NK Green LLC Asset No. 42394		\$352,901	\$154,953	\$197,948
(3)	Con Edison Development Plain Mtg House Asset No. 43512		\$723,917	\$124,060	\$599,857
(4)	ACP Land LLC 28 Jacome Way Asset No. 43527		\$64,915	\$13,876	\$51,039
(5)	Comtram Cable Asset No. 43586		\$191,517	\$29,342	\$162,175
(6)	CCI New England 500 kW Asset No. 43607		\$206,947	\$28,982	\$177,965
(7)	Conanicut Marine Services (CMS) Solar Asset No. 43685		\$32,699	\$5,080	\$27,619
(8)	Black Bear Orono B Hydro Asset No. 38083		\$2,408,337	\$1,396,351	\$1,011,986
(9)	West Davisville Solar Asset No. 43716		\$679,444	\$133,304	\$546,140
(10)	Forbes Street Solar Asset No. 43762		\$1,078,752	\$215,066	\$863,687
(11)	CCI New England 181 kW Asset No. 43921		\$58,099	\$8,788	\$49,311
(12)	100 Dupont Solar Asset No. 44003		\$343,014	\$76,091	\$266,924
(13)	225 Dupont Solar Asset No. 44004		\$106,792	\$15,035	\$91,757
(14)	35 Martin Solar Asset No. 44006		\$173,948	\$24,706	\$149,241
(15)	0 Martin Solar Asset No. 44005		\$182,390	\$25,816	\$156,575
(16)	Gannon & Scott Solar Asset No. 44010		\$68,371	\$11,758	\$56,613
(17)	All American Foods Solar Asset. No. 46721		\$100,458	\$14,542	\$85,917
(18)	Brickle Group Solar Project Asset. No. 46911		\$253,759	\$65,521	\$188,237
(19)	T.E.A.M. Inc. Solar Asset. No. 46913		\$53,632	\$8,299	\$45,333
(20)	Newport Vineyards Solar Asset. No. 46917		\$16,092	\$2,416	\$13,676
(21)	SER Solar 23 Appian Way Asset. No. 46926		\$14,927	\$2,470	\$12,457
(22)	Nexamp 76 Stilson Rd. Asset. No. 47020		\$124,140	\$31,261	\$92,879
(23)	Randall Steere Farm Asset. No. 46998		\$16,775	\$2,899	\$13,876
(24)	Johnston Solar Asset No. 47357		\$297,147	\$80,549	\$216,597
(25)	North Kingstown Solar 1720 Davisville Rd Asset No. 47487		\$113,196	\$28,184	\$85,012
(26)	Wilco 260 South County Trail - Asset No. 48664		\$328,507	\$72,443	\$256,064
(27)	Foster Solar - Asset No. 48774		\$324,218	\$74,277	\$249,940
(28)	Brookside Equestrian Center No. 48899		\$237,197	\$74,613	\$162,584
(29)	Deepwater Wind Asset No. 38495		\$29,980,228	\$6,429,115	\$23,551,113
(30)	Orbit Energy Asset No. 50057		\$523	\$237	\$286
(31)	Frenchtown Road Solar - Asset No. 50731		<u>\$267,312</u>	<u>\$52,965</u>	<u>\$214,346</u>
(32)		Total	\$68,001,656	\$22,845,859	\$45,155,797

⁽a) page 2 column (h)

⁽b) page 3 column (e)

⁽c) column (a) - column (b)

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4930 Attachment PUC 2-1 Page 5 of 5

Forward Capacity Market Actual Proceeds and Administrative Costs For the Period January 2018 through December 2018

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

(9)

Line (5) + Line (10)

(1)	Gross Forward Capacity Market Proceeds	\$112,279
(2)	Customer Share of Net Forward Capacity Market Proceeds	\$101,051
Section 2	: Administrative Costs:	
(3)	Contractor Fees	\$37,103
(4)	Total hours for January 2018 - December 2018	68
(5)	Unburdened Average Hourly Rate	\$41.88
(6)	Average Burden Rate	63.15%
(7)	Burdened Average Hourly Rate	\$68.32
(8)	Administrative Company Labor for the FCM	\$4,635
(9)	Total administrative costs for the FCM	\$41,737
(1)	Proceeds received	
(2)	Line (1) x 90%	
(3)	per Company accounting records	
(4)	per Company accounting records	
(5)	Per Company records (excludes Pension and PBOP)	
(6)	Average Burden rate for CY17	
(7)	Line (7) x (1 + Line (8))	
(8)	Line (6) x Line (9)	

PUC 2-2

Request:

Please provide an estimate of the costs National Grid incurred from administering the net metering program in each program year dating back to 2010.

Response:

Unlike some of the Company's other recovery mechanisms such as that for the Renewable Energy Growth Program, the Net Metering Provision does not allow for the recovery of administrative costs associated with the net metering program. For programs such as RE Growth, where the administrative costs are recovered through the factor filing, these costs are tracked through specific work orders dedicated to the program. Since the Net Metering Provision doesn't allow for administrative cost recovery and recovery of these costs is through base distribution rates, the Company has not tracked administration costs since the inception of the program. Consequently, the Company cannot estimate these dating back to 2010.

PUC 2-3

Request:

What comprises those "administrative costs"?

Response:

Please see the Company's response to PUC 2-2.

PUC 2-4

Request:

In the 2019 Net Metering Report, National Grid includes a column (Column 8) titled "Estimated Annual Generation – kWh". How does National Grid utilize those annual production estimates in their administration of the net program? Specifically, do they factor into the calculation of the net metering charge?

Response:

The estimated annual generation in column 8 of the 2019 Net Metering report is an estimate of the annual generation per unit, based on the total capacity of the unit and the unit type. This amount is included for informational purposes only and is not a factor in calculating the net metering charge for the upcoming year. The proposed net metering charge, which is calculated on page 1 of Schedule REP-16, is based on the prior year's actual renewable generation credits paid to customers, actual energy market payments received from ISO-New England for electricity generated by eligible net metering systems and Qualifying Facilities purchase power costs.

PUC 2-5

Request:

Column A of Schedule REP-16 lists the Total Renewable Generation Credits from each month of 2018. Please describe what information is in the Company reports that support this data, how the information is collected, and how the information is used to calculate the monthly value of generation credits. Please include a separate explanation of how generation from facilities with bidirectional meters, interval meters, dedicated generation meters, remote generation meters, and any other meter type or configuration contribute to the monthly values.

Response:

The total renewable generation credits shown in each month of the 2018 reconciliation on Schedule REP-16 are sourced from the Company's monthly billing reports. Please see Attachment PUC 2-5 for the source report for the month of December 2018. For each revenue charge or credit on a bill there is a corresponding "cons type" set up in the billing system. When a meter is read, and the billing determinants are entered into the billing system, the charge or credit associated with each cons type is calculated by multiplying the appropriate billing determinant (i.e., monthly kWh, kW or kVA) times the rate or factor applicable to the cons type. The billing system then consolidates the charges, credits, and billing determinant information into a report by cons type code. The renewable energy generation cons type codes are then taken from this report and input into the net metering reconciliation. The type of meter does not impact the calculation of the renewable energy credits. If the customer's kWh usage is positive, there is no renewable energy credit calculated, and the positive usage will be multiplied by the appropriate cons type rate or factor for billing. If the customer's kWh usage is negative, or there is generation in the month than the customer uses, then the month's negative kWh usage is multiplied by the appropriate generation-related cons type rate or factor and a renewable energy credit will appear on the customer's bill.

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REVENUE	1,071,414.25-	00.00	126.56-	699.37	469.06	284,493.57-	137,856.73-	3,663.28-	0.00	00.00	00.00	3,386.52	61.020,6		14.668.01-	3,418,887.89	3,926,688.69	40,765.35-	5,688.16	6,156.00	6,742.55	1,058.30	0.00	00.00	38,789,735.63	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	00.47/,/64.6		00.0	00.0	882,547.93	6,936,266.45	00.00	7,308.43	1 L R 80	00.0	50.83-	62,021.83-	208.00	13.00	2,200.73-	1,469.69	11,668.86-	10,337.36-	2,577.84	00.00	00.004,000	142,525.55-
CONSUMPTION	0	6,341,208-	6.341.749-	1,266,247	790,310	607,192,348	1,269,365	1,266,247	19,178,858	1,458	1,458		8 167	0, TO,	1,269,365	790,310	886,094	1,269,365	8,167	1,458	1,507	1,269,365	0	0 (340,343,803	607,323,287	591,129,810	1.266.247	606,991,884	607,523,287	591,129,810	607,523,287	606,991,884	/ 47 / T	7 7 7 2 7 3 2 1	10,883,029	1,269,365	0	0	0	1,266,247	6,341,749-	6,341,749-	6,341,749-	6,341,749-	790,310	007,192,340	607,192,348
COUNT	33,915	2,875	37.469	3,212	9,468	19,257	3,181	3,172	34,594	4	4 , [· 1	~ 4	ተ 4	3.181	9.272	9,219	3,181	4	4	4	3,217	Н	T (49,185	10,00	89,788	3.217	24,040	24,043	81,925	15,396	24,040	2 6 6	7 COO.	2,719	3,192	22,174	16	1	3,172	37,469	37,469	2,948	2,948	9,506 1F 433	13,433	19,607
CONS TYPE DESCRIPTION	REV C/D Low Income Disc E	Renew Gen Credit - LID Re	Renewable Gen Cr-Arrears	Gen CapEx Factor Charge	CapEx Factor Charge-deman	CapEx Factor Charge	Gen Base Supply Charge		REV C/D Electric Assistan	O&M Exp Charge-demand	CapEx Factor Charge-deman	KW D Del Dist Optional De	Orm Del Italis Opciolar D	Can by Clarge Dackup dell Canry Factor Charge-backii	Gen Demand Side Momt	KW D Delivery Distributio	KW D Delivery Transmissio	Gen Delivery Transmission	KW D Back-Up Dist Dem	KW D Supp Dist Demand	KW D Supp Transm Dem	Gen CTC	DCA D Delivery Chg Adj pe	CSBC D Per Customer and/o	KWH C Electric Supply Chr	CIC D standard Rate Optio	KWH D IID RECOVERY Adi Fa	Gen Default Syce Adiustme	KWH D Default Svce/Std Of	KWH D Customer Credit (Of	KWH D Res Assist Adj (Off	KWH D Demand Side Managem	KWH D Reliability Penalti	Dogram, Bill Frovision	Gen brrears MGMT AD.T Fact	KWH D Streetlight Credit	Gen Renewable Charge	Paperless Billing Credit	AMR-Opt-Out-Electric	AMR-Opt-Out-Both	Gen O&M Exp Charge	Renewable Gen CR-Pension/	Renewable Gen CR-Rev Deco	Renewable Gen CR-SOS Admi	Renewable Gen CR-Std Offe	O&M Exp Charge-demand	Com bay charge	KWH D Pension/PBOP Adj
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	2,340.53-
0	48,121.60-
607,192,348	1,107,936.36
1,269,365	50.83
513,228	409,008.12
1,269,365	940.33-
340,343,803	555,939.59
340,343,803	200,353.65-
6,341,749-	11,025.09-
6,341,749-	3,307.04
513,225	1,238,945.02
10,883,029	481,895.31
0	888,685.05
169,045	108,469.90-
607,532,925	23,017.46-
36,937	143,684.93
607,192,348	228,367.53-
0	7,000.00
0	1,600.00
0	1,631,263.81
0	1,495,153.77
0	178,986.90-
1,247,044	00.00
0	8.42
0	00.00
0	5,889.33-
	1,247,044 0 0

PUC 2-6

Request:

Column A of Schedule REP-16 lists the Total Renewable Generation Credits as being \$5,505,651. Please provide: 1) an estimate of the volume (kWh) and monetary value of electric generation from net metered facilities that was credited at the net metering credit value (i.e., the sum of the Standard Offer Service, distribution, transmission, and transition charges, for the applicable rate class); and 2) an estimate of the volume (kWh) and monetary value of electric generation from net metered facilities that was credited at the excess generation credit value (i.e., the Standard Offer Service charge, for the applicable rate class).

Response:

(1) The following table presents the estimated volume (kWh) and monetary value of net electric generation from net metered facilities that were credited at the net metering credit value by rate class:

	Renewable	kWh Exported
	Generation	(Generation in
Rate Class	Credits	Excess of Use)
A-16	\$286,830	1,753,055
A-60	\$3,164	21,276
C-06	\$5,188,377	31,777,494
G-02	\$27,280	270,604
Total	\$5,505,651	33,822,426

(2) There were no renewable generation credits given at the excess generation credit value in calendar year 2018.

PUC 2-7

Request:

Please provide a list of all net metering facilities for whom the delivery service account(s) that receive(s) the net metering credits is not located at the net metering system site (i.e., is associated with a Public Entity, Educational Institution, Hospital, Nonprofit, or Multi-municipal Collaborative, or a Community Remote Net Metering System), as well as the nameplate capacity (kW AC) and estimated capacity factor of each facility.

Response:

Please see the table below, which lists all the net metering facilities for which the delivery service account(s) that receive(s) the net metering credits is not located at the net metering system site, along with the nameplate capacity and estimated capacity factor of each facility.

PUC 2-7, page 2

Table

Case Number	Service Address City	Nameplate Capacity (kW AC)	Estimated Capacity Factor
174854	JOHNSTON	10	15.0%
176565	GREENE	11.4	15.0%
177553	COVENTRY	25	15.0%
178521	NORTH SCITUATE	27.2	15.0%
177610	CRANSTON	46	15.0%
177096	PROVIDENCE	69	15.0%
177211	MIDDLETOWN	86.4	15.0%
177214	PROVIDENCE	98	15.0%
177783	PEACE DALE	216	15.0%
175888	WEST WARWICK	384	15.0%
176602	NORTH KINGSTOWN	1,000	15.0%
175823	LINCOLN	1,116	15.0%
176037	NORTH SMITHFIELD	1,250	15.0%
174969	COVENTRY	1,500	36.7%
175043	COVENTRY	1,500	36.7%
177012	RICHMOND	1,500	15.0%
174804	COVENTRY	1,500	36.7%
176078	PORTSMOUTH	1,500	36.7%
177050	JOHNSTON	1,620	15.0%
176792	NORTH PROVIDENCE	2,100	15.0%
176983	RICHMOND	3,000	15.0%
177241	JOHNSTON	3,000	36.7%
177242	JOHNSTON	3,000	36.7%
177525	JOHNSTON	3,000	15.0%
177277	JOHNSTON	3,000	36.7%
176830	WEST KINGSTON	3,100	15.0%
176801	SOUTH KINGSTOWN	3,780	15.0%
174882	COVENTRY	4,500	36.7%
176606	WARWICK	4,992	15.0%
164988	Providence	35	15.0%

PUC 2-8

Request:

Please provide a table listing the net metering credit value and the excess generation credit value that National Grid used in calculating the Total Renewable Generation Credits for the following rate classes, dating back to 2008: A-16, C-06, G-02, and G-32.

Response:

Please see Attachment PUC 2-8 for a table listing the net metering credit value and the excess generation credit value that National Grid used in calculating the Total Renewable Generation Credits for the following rate classes dating back to 2008: A-16, C-06, G-02, and G-32.

Excess				A-16		
Page		Excess				
Rate		Generation				
Lan-2008		Credit / SOS	Distribution			Total Renewable
Jan. 2008		Rate	Rate	Transmission Rate	Transition Rate	Generation Credit
Jan. 2008						
Jan. 2008						
Jan. 2008 S.0.02544 S.0.03377 S.0.00977 S.0.00322 S.0.13960						(e) = sum of (a)
Feb-2008		(a)	(b)	(c)	(d)	through (d)
Man-2008 S.0.09244 S.0.03377 S.0.00977 S.0.00322 S.0.13960 May-2008 S.0.09244 S.0.03377 S.0.00977 S.0.00322 S.0.13960 Jul-2008 S.0.09244 S.0.03377 S.0.00977 S.0.00322 S.0.13960 Jul-2008 S.0.12444 S.0.03377 S.0.00977 S.0.00322 S.0.13960 Jul-2008 S.0.12444 S.0.03377 S.0.00977 S.0.00322 S.0.17160 S.0.12008 S.0.12444 S.0.03377 S.0.00977 S.0.00322 S.0.17160 S.0.12009 S.0.0223	Jan-2008	\$0.09284	\$0.03377	\$0.00977	\$0.00322	\$0.13960
App-2008 S.0.09244 S.0.03377 S.0.0977 S.0.0322 S.0.13960	Feb-2008	\$0.09284	\$0.03377	\$0.00977	\$0.00322	\$0.13960
May-2008 S0.09284 S0.03377 S0.00977 S0.00322 S0.13960 Jul-2008 S0.12844 S0.03377 S0.00977 S0.00322 S0.17160 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.02099 S0.09293 S0.03376 S0.01500 S0.00225 S0.14404 S0.02099 S0.09293 S0.03376 S0.01500 S0.00225 S0.14404 S0.02090 S0.09293 S0.03376 S0.01500 S0.00235 S0.04404 S0.02090 S0.02090 S0.02090 S0.02090 S0.02090	Mar-2008	\$0.09284	\$0.03377	\$0.00977	\$0.00322	\$0.13960
May-2008 S0.09284 S0.03377 S0.00977 S0.00322 S0.13960 Jul-2008 S0.12844 S0.03377 S0.00977 S0.00322 S0.17160 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.0225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.03376 S0.01500 S0.00225 S0.14404 S0.02099 S0.09293 S0.03376 S0.01500 S0.00225 S0.14404 S0.02099 S0.09293 S0.03376 S0.01500 S0.00225 S0.14404 S0.02090 S0.09293 S0.03376 S0.01500 S0.00235 S0.04404 S0.02090 S0.02090 S0.02090 S0.02090 S0.02090	Apr-2008	\$0.09284	\$0.03377	\$0.00977	\$0.00322	\$0.13960
Jui-2008 S0.09284 S0.03377 S0.00977 S0.00322 S0.17160			\$0.03377	\$0.00977		
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Sep-2008 S0.12484 S0.03377 S0.00977 S0.00322 S0.17160						
Oct-2008 S0.12484 S0.03377 S0.00977 S0.00322 S0.17160	-					
Nov-2008	-					
Dec-2008 S01,2484 S00,3377 S0.00977 S0.00325 S0.14404						
Jan. 2009 \$0,09293 \$0,03376 \$0,01500 \$0,00235 \$0,14404 Mar. 2009 \$0,09293 \$0,03376 \$0,01500 \$0,00235 \$0,14404 May. 2010 \$0,09293 \$0,03376 \$0,01500 \$0,00235 \$0,14404 Jan. 2010 \$0,09293 \$0,03376 \$0,01500 \$0,00235 \$0,14404 Jan. 2010 \$0,09293 \$0,03376 \$0,01500 \$0,00235 \$0,14519 Feb. 2010 \$0,09293 \$0,03376 \$0,01500 \$0,000350 \$0,14519 Feb. 2010 \$0,09293 \$0,03376 \$0,01500 \$0,000350 \$0,14519 Mar. 2010 \$0,09655 \$0,03535 \$0,01500 \$0,00058 \$0,14519 May. 2010 \$0,09655 \$0,03535 \$0,01509 \$0,00068 \$0,14827 May. 2010 \$0,09655 \$0,03535 \$0,01569 \$0,00068 \$0,14827 Jun. 2010 \$0,09655 \$0,03521 \$0,01569 \$0,00068 \$0,14813 Aug. 2010 \$0,09655 \$0,03521 \$0,01569 \$0,00068 \$0,14813 Sep. 2010 \$0,09655 \$0,03521 \$0,01569 \$0,00068 \$0,14813 Sep. 2010 \$0,09649 \$0,03521 \$0,01569 \$0,00068 \$0,14813 Sep. 2010 \$0,09649 \$0,03521 \$0,01569 \$0,00068 \$0,14813 Sep. 2011 \$0,09692 \$0,03516 \$0,01623 \$0,000068 \$0,14817 Apr. 2011 \$0,09692 \$0,03516 \$0,01623 \$0,000068 \$0,14813 Apr. 2011 \$0,09692 \$0,03516 \$0,01623 \$0,000068 \$0,14451 Apr. 2011 \$0,09692 \$0,03516 \$0,01623 \$0,000068 \$0,1451 Apr. 2011 \$0,09692 \$0,03516 \$0,0						
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Apr-2010	Feb-2010	\$0.09293	\$0.03376	\$0.01500	\$0.00350	\$0.14519
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Jun-2010	Apr-2010	\$0.09655	\$0.03535	\$0.01569	\$0.00068	\$0.14827
Jul-2010	May-2010	\$0.09655	\$0.03535	\$0.01569	\$0.00068	\$0.14827
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			A-16		
	Excess				
	Generation				
	Credit / SOS	Distribution			Total Renewable
	Rate	Rate	Transmission Rate	Transition Rate	Generation Credit
	Rate	Rate	Transmission Rate	Transition Rate	Generation Credit
					(e) = sum of (a)
	(a)	(b)	(c)	(d)	through (d)
May-2014	\$0.09161	\$0.03791	\$0.02221	\$0.00096	\$0.15269
Jun-2014	\$0.09161	\$0.03791	\$0.02221	\$0.00096	\$0.15269
Jul-2014	\$0.08359	\$0.03834	\$0.02221	\$0.00096	\$0.14510
Aug-2014	\$0.08359	\$0.03834	\$0.02221	\$0.00096	\$0.14510
Sep-2014	\$0.08359	\$0.03834	\$0.02221	\$0.00096	\$0.14510
Oct-2014	\$0.08359	\$0.03821	\$0.02221	\$0.00096	\$0.14497
Nov-2014	\$0.08359	\$0.03821	\$0.02221	\$0.00096	\$0.14497
Dec-2014	\$0.08359	\$0.03821	\$0.02221	\$0.00096	\$0.14497
Jan-2015	\$0.10728	\$0.03821	\$0.02221	\$0.00096	\$0.16866
Feb-2015	\$0.10728	\$0.03821	\$0.02221	\$0.00096	\$0.16866
Mar-2015	\$0.10728	\$0.03821	\$0.02221	\$0.00096	\$0.16866
Apr-2015	\$0.10405	\$0.03973	\$0.02348	(\$0.00201)	\$0.16525
May-2015	\$0.10405	\$0.03973	\$0.02348	(\$0.00201)	\$0.16525
Jun-2015	\$0.10405	\$0.03973	\$0.02348	(\$0.00201)	\$0.16525
Jul-2015	\$0.10405	\$0.04065	\$0.02348	(\$0.00201)	\$0.16617
Aug-2015	\$0.10405	\$0.04065	\$0.02348	(\$0.00201)	\$0.16617
Sep-2015	\$0.10405	\$0.04065	\$0.02348	(\$0.00201)	\$0.16617
Oct-2015	\$0.10405	\$0.04091	\$0.02348	(\$0.00201)	\$0.16643
Nov-2015	\$0.10405	\$0.04164	\$0.02348	(\$0.00201)	\$0.16716
Dec-2015	\$0.10405	\$0.04164	\$0.02348	(\$0.00201)	\$0.16716
Jan-2016	\$0.08901	\$0.04164	\$0.02348	(\$0.00201)	\$0.15212
Feb-2016	\$0.08901	\$0.04164	\$0.02348	(\$0.00201)	\$0.15212
Mar-2016	\$0.08901	\$0.04164	\$0.02348	(\$0.00201)	\$0.15212
Apr-2016	\$0.08679	\$0.04289	\$0.02705	(\$0.00058)	\$0.15615
May-2016	\$0.08679	\$0.04289	\$0.02705	(\$0.00058)	\$0.15615
Jun-2016	\$0.08679	\$0.04289	\$0.02705	(\$0.00058)	\$0.15615
Jul-2016	\$0.08679	\$0.04283	\$0.02705	(\$0.00058)	\$0.15609
Aug-2016	\$0.08679	\$0.04283	\$0.02705	(\$0.00058)	\$0.15609
Sep-2016	\$0.08679	\$0.04283	\$0.02705	(\$0.00058)	\$0.15609
Oct-2016	\$0.08179	\$0.04278	\$0.02705	(\$0.00058)	\$0.15104
Nov-2016	\$0.08179	\$0.04278	\$0.02705	1.	\$0.15104
				(\$0.00058)	
Dec-2016	\$0.08179	\$0.04278	\$0.02705	(\$0.00058)	\$0.15104
Jan-2017	\$0.08179	\$0.04278	\$0.02705	(\$0.00058)	\$0.15104
Feb-2017	\$0.08179	\$0.04278	\$0.02705	(\$0.00058)	\$0.15104
Mar-2017	\$0.08179	\$0.04278	\$0.02705	(\$0.00058)	\$0.15104
Apr-2017	\$0.06228	\$0.04268	\$0.03179	\$0.00057	\$0.13732
May-2017	\$0.06228	\$0.04268	\$0.03179	\$0.00057	\$0.13732
Jun-2017	\$0.06228	\$0.04268	\$0.03179	\$0.00057	\$0.13732
Jul-2017	\$0.06228	\$0.04589	\$0.03179	\$0.00057	\$0.14053
Aug-2017	\$0.06228	\$0.04589	\$0.03179	\$0.00057	\$0.14053
Sep-2017	\$0.06228	\$0.04589	\$0.03179	\$0.00057	\$0.14053
Oct-2017	\$0.09515	\$0.04300	\$0.03179	\$0.00057	\$0.17051
Nov-2017	\$0.09515	\$0.04300	\$0.03179	\$0.00057	\$0.17051
Dec-2017	\$0.09515	\$0.04300	\$0.03179	\$0.00057	\$0.17051
		\$0.04300		\$0.00057 \$0.00057	
Jan-2018	\$0.09515		\$0.03179		\$0.17051
Feb-2018	\$0.09515	\$0.04300	\$0.03179	\$0.00057	\$0.17051
Mar-2018	\$0.09515	\$0.04300	\$0.03179	\$0.00057	\$0.17051
Apr-2018	\$0.08486	\$0.04379	\$0.03271	(\$0.00087)	\$0.16049
May-2018	\$0.08486	\$0.04379	\$0.03271	(\$0.00087)	\$0.16049
Jun-2018	\$0.08486	\$0.04379	\$0.03271	(\$0.00087)	\$0.16049
Jul-2018	\$0.08486	\$0.04447	\$0.03271	(\$0.00087)	\$0.16117
Aug-2018	\$0.08486	\$0.04447	\$0.03271	(\$0.00087)	\$0.16117
Sep-2018	\$0.08491	\$0.04878	\$0.03273	(\$0.00087)	\$0.16555
Oct-2018	\$0.10990	\$0.05019	\$0.03273	(\$0.00087)	\$0.19195
Nov-2018	\$0.10990	\$0.05019	\$0.03273	(\$0.00087)	\$0.19195
Dec-2018	\$0.10990	\$0.05019	\$0.03273	(\$0.00087)	\$0.19195
200 2010	ψ0.10770	ψ0.05017	ψ0.03213	(ψ0.00001)	ψ0.17173

A-60

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	Excess Generation Credit / SOS Rate	Distribution Rate	Distribution Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit	Total Renewable Generation Credit	Total Renewable Generation Credit
	Credit / BOB Talle	Biotriourion rate	Bisariourion rune	Excess of 1200	Tuite	Transferon Tune	Concration Crean	Generation Great	Generation Crean
		First 400 kWh	Next 750 kWh	kWh			First 400 kWh	Next 750 kWh	Excess of 1200 kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g) = (a) + (b) + (e) + (f)	(f) = (a) + (c) + (e) + (f)	(g) = (a) + (d) + (e) + (f)
Jan-2008	\$0.09284	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.10867	\$0.13540	\$0.13033
Feb-2008	\$0.09284	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.10867	\$0.13540	\$0.13033
Mar-2008 Apr-2008	\$0.09284 \$0.09284	\$0.00382 \$0.00382	\$0.03055 \$0.03055	\$0.02548 \$0.03055	\$0.00879 \$0.00879	\$0.00322 \$0.00322	\$0.10867	\$0.13540	\$0.13033
Apr-2008 May-2008	\$0.09284	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.10867 \$0.10867	\$0.13540 \$0.13540	\$0.13540 \$0.13540
Jun-2008	\$0.09284	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.10867	\$0.13540	\$0.13540
Jul-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Aug-2008 Sep-2008	\$0.12484 \$0.12484	\$0.00382 \$0.00382	\$0.03055 \$0.03055	\$0.03055 \$0.03055	\$0.00879 \$0.00879	\$0.00322 \$0.00322	\$0.14067 \$0.14067	\$0.16740 \$0.16740	\$0.16740 \$0.16740
Oct-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Nov-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Dec-2008	\$0.12484	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16233
Jan-2009 Feb-2009	\$0.09293 \$0.09293	\$0.00382 \$0.00382	\$0.03055 \$0.03055	\$0.02548 \$0.02548	\$0.01402 \$0.01402	\$0.00235 \$0.00235	\$0.11312 \$0.11312	\$0.13985 \$0.13985	\$0.13478 \$0.13478
Mar-2009	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Apr-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
May-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Jun-2009 Jul-2009	\$0.09293 \$0.09293	\$0.00382 \$0.00382	\$0.03055 \$0.03055	\$0.03055 \$0.03055	\$0.01402 \$0.01402	\$0.00235 \$0.00235	\$0.11312 \$0.11312	\$0.13985 \$0.13985	\$0.13985 \$0.13985
Aug-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Sep-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Oct-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Nov-2009 Dec-2009	\$0.09293 \$0.09293	\$0.00382 \$0.00382	\$0.03055 \$0.03055	\$0.03055 \$0.02548	\$0.01402 \$0.01402	\$0.00235 \$0.00235	\$0.11312 \$0.11312	\$0.13985 \$0.13985	\$0.13985 \$0.13478
Jan-2010	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478 \$0.13478
Feb-2010	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Mar-2010	\$0.09655	\$0.01701	n/a	n/a	\$0.01569	\$0.00068	\$0.12993	\$0.12993	\$0.12993
Apr-2010 May-2010	\$0.09655 \$0.09655	\$0.01701 \$0.01701	n/a n/a	n/a n/a	\$0.01569 \$0.01569	\$0.00068 \$0.00068	\$0.12993 \$0.12993	\$0.12993 \$0.12993	\$0.12993 \$0.12993
Jun-2010	\$0.09655	\$0.01701	n/a	n/a	\$0.01569	\$0.00068	\$0.12993	\$0.12993	\$0.12993
Jul-2010	\$0.09655	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12981	\$0.12981	\$0.12981
Aug-2010	\$0.09655	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12981	\$0.12981	\$0.12981
Sep-2010 Oct-2010	\$0.09655 \$0.09489	\$0.01689 \$0.01689	n/a n/a	n/a n/a	\$0.01569 \$0.01569	\$0.00068 \$0.00068	\$0.12981 \$0.12815	\$0.12981 \$0.12815	\$0.12981 \$0.12815
Nov-2010	\$0.09489	\$0.01689	n/a	n/a n/a	\$0.01569	\$0.00068	\$0.12815	\$0.12815	\$0.12815
Dec-2010	\$0.09489	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12815	\$0.12815	\$0.12815
Jan-2011	\$0.09293	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12619	\$0.12619	\$0.12619
Feb-2011 Mar-2011	\$0.09293 \$0.09655	\$0.01689 \$0.01689	n/a n/a	n/a n/a	\$0.01569 \$0.01569	\$0.00068 \$0.00068	\$0.12619 \$0.12981	\$0.12619 \$0.12981	\$0.12619 \$0.12981
Apr-2011	\$0.06902	\$0.02148	n/a	n/a	\$0.01509	(\$0.00031)	\$0.10642	\$0.12981	\$0.12581
May-2011	\$0.06902	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10642	\$0.10642	\$0.10642
Jun-2011	\$0.06902	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10642	\$0.10642	\$0.10642
Jul-2011 Aug-2011	\$0.06902 \$0.06902	\$0.02148 \$0.02148	n/a n/a	n/a n/a	\$0.01623 \$0.01623	(\$0.00031) (\$0.00031)	\$0.10642 \$0.10642	\$0.10642 \$0.10642	\$0.10642 \$0.10642
Sep-2011	\$0.06902	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10642	\$0.10642	\$0.10642
Oct-2011	\$0.06902	\$0.01995	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10489	\$0.10489	\$0.10489
Nov-2011	\$0.06902	\$0.01995	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10489	\$0.10489	\$0.10489
Dec-2011 Jan-2012	\$0.06902 \$0.07558	\$0.01995 \$0.02148	n/a n/a	n/a n/a	\$0.01623 \$0.01623	(\$0.00031) (\$0.00031)	\$0.10489 \$0.11298	\$0.10489 \$0.11298	\$0.10489 \$0.11298
Feb-2012	\$0.07558	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.11298	\$0.11298	\$0.11298
Mar-2012	\$0.07558	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.11298	\$0.11298	\$0.11298
Apr-2012	\$0.07882	\$0.02217	n/a	n/a	\$0.01942	\$0.00063	\$0.12104	\$0.12104	\$0.12104
May-2012 Jun-2012	\$0.07882 \$0.07882	\$0.02270 \$0.02270	n/a n/a	n/a n/a	\$0.01942 \$0.01942	\$0.00063 \$0.00063	\$0.12157 \$0.12157	\$0.12157 \$0.12157	\$0.12157 \$0.12157
Jul-2012	\$0.06927	\$0.02249	n/a	n/a	\$0.01942	\$0.00063	\$0.11181	\$0.11181	\$0.11181
Aug-2012	\$0.06927	\$0.02249	n/a	n/a	\$0.01942	\$0.00063	\$0.11181	\$0.11181	\$0.11181
Sep-2012 Oct-2012	\$0.06927 \$0.06927	\$0.02249 \$0.02251	n/a n/a	n/a n/a	\$0.01942 \$0.01942	\$0.00063 \$0.00063	\$0.11181 \$0.11183	\$0.11181 \$0.11183	\$0.11181 \$0.11183
Nov-2012	\$0.06927	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.11183	\$0.11183	\$0.11183
Dec-2012	\$0.06927	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.11183	\$0.11183	\$0.11183
Jan-2013	\$0.07188	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.11444	\$0.11444	\$0.11444
Feb-2013 Mar-2013	\$0.07188 \$0.07188	\$0.02464 \$0.02464	n/a n/a	n/a n/a	\$0.01942 \$0.01942	\$0.00063 \$0.00063	\$0.11657 \$0.11657	\$0.11657 \$0.11657	\$0.11657 \$0.11657
Apr-2013	\$0.07188	\$0.02464 \$0.02495	n/a n/a	n/a n/a	\$0.01942	\$0.00162	\$0.11037	\$0.12020	\$0.12020
May-2013	\$0.07327	\$0.02495	n/a	n/a	\$0.02036	\$0.00162	\$0.12020	\$0.12020	\$0.12020
Jun-2013	\$0.07327	\$0.02495	n/a	n/a	\$0.02036	\$0.00162	\$0.12020	\$0.12020	\$0.12020
Jul-2013 Aug-2013	\$0.07079 \$0.07079	\$0.02465 \$0.02465	n/a n/a	n/a n/a	\$0.02036 \$0.02036	\$0.00162 \$0.00162	\$0.11742 \$0.11742	\$0.11742 \$0.11742	\$0.11742 \$0.11742
Sep-2013	\$0.07079	\$0.02465	n/a	n/a	\$0.02036	\$0.00162	\$0.11742	\$0.11742	\$0.11742 \$0.11742
Oct-2013	\$0.07079	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11727	\$0.11727	\$0.11727
Nov-2013	\$0.07079	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11727	\$0.11727	\$0.11727
Dec-2013	\$0.07079	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11727 \$0.12522	\$0.11727	\$0.11727
Jan-2014 Feb-2014	\$0.08884 \$0.08884	\$0.02450 \$0.02450	n/a n/a	n/a n/a	\$0.02036 \$0.02036	\$0.00162 \$0.00162	\$0.13532 \$0.13532	\$0.13532 \$0.13532	\$0.13532 \$0.13532
Mar-2014	\$0.08884	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.13532	\$0.13532	\$0.13532
Apr-2014	\$0.09161	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13922	\$0.13922	\$0.13922

A-60

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	Excess Generation				Transmission		Total Renewable	Total Renewable	Total Renewable
	Credit / SOS Rate	Distribution Rate	Distribution Rate	Distribution Rate	Rate	Transition Rate	Generation Credit	Generation Credit	Generation Credit
				Excess of 1200					
		First 400 kWh	Next 750 kWh	kWh			First 400 kWh	Next 750 kWh	Excess of 1200 kWh
								(f) = (a) + (c) + (e) +	(g) = (a) + (d) + (e) +
	(a)	(b)	(c)	(d)	(e)	(f)	(g) = (a) + (b) + (e) + (f)	(f)	(f)
May-2014	\$0.09161	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13922	\$0.13922	\$0.13922
Jun-2014	\$0.09161	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13922	\$0.13922	\$0.13922
Jul-2014	\$0.08359	\$0.02487	n/a	n/a	\$0.02221	\$0.00096	\$0.13163	\$0.13163	\$0.13163
Aug-2014	\$0.08359 \$0.08359	\$0.02487 \$0.02487	n/a	n/a	\$0.02221 \$0.02221	\$0.00096 \$0.00096	\$0.13163 \$0.13163	\$0.13163 \$0.13163	\$0.13163 \$0.13163
Sep-2014 Oct-2014	\$0.08359	\$0.02487	n/a n/a	n/a n/a	\$0.02221	\$0.00096	\$0.13150	\$0.13163	\$0.13150
Nov-2014	\$0.08359	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.13150	\$0.13150	\$0.13150
Dec-2014	\$0.08359		n/a	n/a	\$0.02221	\$0.00096	\$0.13150	\$0.13150	\$0.13150
Jan-2015	\$0.10728		n/a	n/a	\$0.02221	\$0.00096	\$0.15519	\$0.15519	\$0.15519
Feb-2015	\$0.10728	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.15519	\$0.15519	\$0.15519
Mar-2015	\$0.10728	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.15519	\$0.15519	\$0.15519
Apr-2015	\$0.10405	\$0.02626	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15178	\$0.15178	\$0.15178
May-2015	\$0.10405	\$0.02626	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15178	\$0.15178	\$0.15178
Jun-2015	\$0.10405		n/a	n/a	\$0.02348	(\$0.00201)	\$0.15178	\$0.15178	\$0.15178
Jul-2015	\$0.10405	\$0.02718	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15270	\$0.15270	\$0.15270
Aug-2015	\$0.10405	\$0.02718	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15270	\$0.15270	\$0.15270
Sep-2015 Oct-2015	\$0.10405 \$0.10405	\$0.02718 \$0.02744	n/a	n/a n/a	\$0.02348 \$0.02348	(\$0.00201) (\$0.00201)	\$0.15270 \$0.15296	\$0.15270 \$0.15296	\$0.15270 \$0.15296
Nov-2015	\$0.10405	\$0.02744	n/a n/a	n/a	\$0.02348	(\$0.00201)	\$0.15369	\$0.15290	\$0.15290
Dec-2015	\$0.10405		n/a	n/a	\$0.02348	(\$0.00201)	\$0.15369	\$0.15369	\$0.15369
Jan-2016	\$0.08901	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13865	\$0.13865	\$0.13865
Feb-2016	\$0.08901	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13865	\$0.13865	\$0.13865
Mar-2016	\$0.08901	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13865	\$0.13865	\$0.13865
Apr-2016	\$0.08679	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14268	\$0.14268	\$0.14268
May-2016	\$0.08679	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14268	\$0.14268	\$0.14268
Jun-2016	\$0.08679	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14268	\$0.14268	\$0.14268
Jul-2016	\$0.08679	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14262	\$0.14262	\$0.14262
Aug-2016	\$0.08679	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14262	\$0.14262	\$0.14262
Sep-2016	\$0.08679	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.14262	\$0.14262	\$0.14262
Oct-2016	\$0.08179		n/a	n/a	\$0.02705	(\$0.00058)	\$0.13757	\$0.13757	\$0.13757
Nov-2016	\$0.08179		n/a	n/a	\$0.02705	(\$0.00058)	\$0.13757	\$0.13757	\$0.13757
Dec-2016	\$0.08179	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13757	\$0.13757	\$0.13757
Jan-2017 Feb-2017	\$0.08179 \$0.08179		n/a n/a	n/a n/a	\$0.02705 \$0.02705	(\$0.00058) (\$0.00058)	\$0.13757 \$0.13757	\$0.13757 \$0.13757	\$0.13757 \$0.13757
Mar-2017	\$0.08179	\$0.02931	n/a	n/a n/a	\$0.02705	(\$0.00058)	\$0.13757	\$0.13757	\$0.13757
Apr-2017	\$0.06228	\$0.02931	n/a	n/a	\$0.02703	\$0.00057	\$0.12385	\$0.12385	\$0.13737
May-2017	\$0.06228	\$0.02921	n/a	n/a	\$0.03179	\$0.00057	\$0.12385	\$0.12385	\$0.12385
Jun-2017	\$0.06228	\$0.02921	n/a	n/a	\$0.03179	\$0.00057	\$0.12385	\$0.12385	\$0.12385
Jul-2017	\$0.06228	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12706	\$0.12706	\$0.12706
Aug-2017	\$0.06228	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12706	\$0.12706	\$0.12706
Sep-2017	\$0.06228	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12706	\$0.12706	\$0.12706
Oct-2017	\$0.09515	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15704	\$0.15704	\$0.15704
Nov-2017	\$0.09515	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15704	\$0.15704	\$0.15704
Dec-2017	\$0.09515		n/a	n/a	\$0.03179	\$0.00057	\$0.15704	\$0.15704	\$0.15704
Jan-2018	\$0.09515	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15704	\$0.15704	\$0.15704
Feb-2018	\$0.09515 \$0.09515		n/a	n/a	\$0.03179 \$0.03179	\$0.00057	\$0.15704	\$0.15704 \$0.15704	\$0.15704 \$0.15704
Mar-2018 Apr-2018	\$0.09313		n/a n/a	n/a n/a	\$0.03179	\$0.00057 (\$0.00087)	\$0.15704 \$0.14702	\$0.13704 \$0.14702	\$0.13704 \$0.14702
May-2018	\$0.08486		n/a	n/a	\$0.03271	(\$0.00087)	\$0.14702	\$0.14702	\$0.14702 \$0.14702
Jun-2018	\$0.08486		n/a	n/a	\$0.03271	(\$0.00087)	\$0.14702	\$0.14702	\$0.14702
Jul-2018	\$0.08486	\$0.03100	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14770	\$0.14770	\$0.14770
Aug-2018	\$0.08486		n/a	n/a	\$0.03271	(\$0.00087)	\$0.14770	\$0.14770	\$0.14770
Sep-2018	\$0.08491	\$0.04726	n/a	n/a	\$0.03273	(\$0.00087)	\$0.16403	\$0.16403	\$0.16403
Oct-2018	\$0.10990		n/a	n/a	\$0.03273	(\$0.00087)	\$0.19043	\$0.19043	\$0.19043
Nov-2018	\$0.10990		n/a	n/a	\$0.03273	(\$0.00087)	\$0.19043	\$0.19043	\$0.19043
Dec-2018	\$0.10990	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19043	\$0.19043	\$0.19043

The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4930 2019 Electric Retail Rate Filing Attachment PUC 2-8

	C-06				G-02 Attachment PUC 2-8					
										Page 5 of 8
	Excess Generation				Total Renewable	Excess Generation	Distribution			Total Renewable
	Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Generation Credit	Credit / SOS Rate	Rate	Transmission Rate	Transition Rate	Generation Credit
					(e) = sum of (a)					(e) = sum of (a)
	(a)	(b)	(c)	(d)	through (d)	(a)	(b)	(c)	(d)	through (d)
Jan-2008	\$0.09284	\$0.03634	\$0.01077	\$0.00322	\$0.14317	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Feb-2008 Mar-2008	\$0.09284 \$0.09284	\$0.03634 \$0.03634	\$0.01077 \$0.01077	\$0.00322 \$0.00322	\$0.14317 \$0.14317	\$0.09284 \$0.09284	\$0.00777 \$0.00777	\$0.00541 \$0.00541	\$0.00322 \$0.00322	\$0.10924 \$0.10924
Apr-2008	\$0.09284	\$0.03634	\$0.01077	\$0.00322	\$0.14317	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
May-2008	\$0.09284	\$0.03634	\$0.01077	\$0.00322	\$0.14317	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Jun-2008	\$0.09284	\$0.03634	\$0.01077	\$0.00322	\$0.14317	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Jul-2008 Aug-2008	\$0.12484 \$0.12484	\$0.03634 \$0.03634	\$0.01077 \$0.01077	\$0.00322 \$0.00322	\$0.17517 \$0.17517	\$0.12484 \$0.12484	\$0.00777 \$0.00777	\$0.00541 \$0.00541	\$0.00322 \$0.00322	\$0.14124 \$0.14124
Sep-2008	\$0.12484	\$0.03634	\$0.01077	\$0.00322	\$0.17517	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Oct-2008	\$0.12484	\$0.03634	\$0.01077	\$0.00322	\$0.17517	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Nov-2008	\$0.12484	\$0.03634	\$0.01077	\$0.00322	\$0.17517	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Dec-2008 Jan-2009	\$0.12484 \$0.09293	\$0.03634 \$0.03624	\$0.01077 \$0.01600	\$0.00322 \$0.00235	\$0.17517 \$0.14752	\$0.12484 \$0.09293	\$0.00777 \$0.00777	\$0.00541 \$0.01064	\$0.00322 \$0.00235	\$0.14124 \$0.11369
Feb-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Mar-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Apr-2009 May-2009	\$0.09293 \$0.09293	\$0.03624 \$0.03624	\$0.01600 \$0.01600	\$0.00235 \$0.00235	\$0.14752 \$0.14752	\$0.09293 \$0.09293	\$0.00777 \$0.00777	\$0.01064 \$0.01064	\$0.00235 \$0.00235	\$0.11369 \$0.11369
Jun-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Jul-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Aug-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Sep-2009 Oct-2009	\$0.09293 \$0.09293	\$0.03624 \$0.03624	\$0.01600 \$0.01600	\$0.00235 \$0.00235	\$0.14752 \$0.14752	\$0.09293 \$0.09293	\$0.00777 \$0.00777	\$0.01064 \$0.01064	\$0.00235 \$0.00235	\$0.11369 \$0.11369
Nov-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Dec-2009	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Jan-2010	\$0.09293	\$0.03624	\$0.01600	\$0.00235	\$0.14752	\$0.07984	\$0.00777	\$0.01064	\$0.00235	\$0.10060
Feb-2010 Mar-2010	\$0.09293 \$0.09655	\$0.03624 \$0.03350	\$0.01600 \$0.01579	\$0.00235 \$0.00068	\$0.14752 \$0.14652	\$0.08231 \$0.08467	\$0.00777 \$0.00778	\$0.01064 \$0.00671	\$0.00235 \$0.00068	\$0.10307 \$0.09984
Apr-2010	\$0.09655	\$0.03350	\$0.01579	\$0.00068	\$0.14652	\$0.08062	\$0.00778	\$0.00671	\$0.00068	\$0.09579
May-2010	\$0.09655	\$0.03350	\$0.01579	\$0.00068	\$0.14652	\$0.07919	\$0.00778	\$0.00671	\$0.00068	\$0.09436
Jun-2010	\$0.09655	\$0.03316	\$0.01579	\$0.00068	\$0.14618	\$0.07873	\$0.00771	\$0.00671	\$0.00068	\$0.09383
Jul-2010 Aug-2010	\$0.09655 \$0.09655	\$0.03316 \$0.03316	\$0.01579 \$0.01579	\$0.00068 \$0.00068	\$0.14618 \$0.14618	\$0.07142 \$0.07495	\$0.00771 \$0.00771	\$0.00671 \$0.00671	\$0.00068 \$0.00068	\$0.08652 \$0.09005
Sep-2010	\$0.09655	\$0.03316	\$0.01579	\$0.00068	\$0.14618	\$0.07493	\$0.00771	\$0.00671	\$0.00068	\$0.08463
Oct-2010	\$0.09489	\$0.03316	\$0.01579	\$0.00068	\$0.14452	\$0.07024	\$0.00771	\$0.00671	\$0.00068	\$0.08534
Nov-2010	\$0.09489	\$0.03316	\$0.01579	\$0.00068	\$0.14452	\$0.07271	\$0.00771	\$0.00671	\$0.00068	\$0.08781
Dec-2010 Jan-2011	\$0.09489 \$0.09293	\$0.03316 \$0.03316	\$0.01579 \$0.01579	\$0.00068 \$0.00068	\$0.14452 \$0.14256	\$0.07694 \$0.07347	\$0.00771 \$0.00771	\$0.00671 \$0.00671	\$0.00068 \$0.00068	\$0.09204 \$0.08857
Feb-2011	\$0.09293	\$0.03316	\$0.01579	\$0.00068	\$0.14256	\$0.07347	\$0.00771	\$0.00671	\$0.00068	\$0.08722
Mar-2011	\$0.09655	\$0.03316	\$0.01579	\$0.00068	\$0.14618	\$0.06370	\$0.00771	\$0.00671	\$0.00068	\$0.07880
Apr-2011	\$0.07144	\$0.03366	\$0.01755	(\$0.00031)	\$0.12234	\$0.07144	\$0.00744	\$0.00825	(\$0.00031)	\$0.08682
May-2011 Jun-2011	\$0.06980 \$0.06700	\$0.03366 \$0.03366	\$0.01755 \$0.01755	(\$0.00031) (\$0.00031)	\$0.12070 \$0.11790	\$0.06980 \$0.06700	\$0.00744 \$0.00744	\$0.00825 \$0.00825	(\$0.00031) (\$0.00031)	\$0.08518 \$0.08238
Jul-2011	\$0.07089	\$0.03366	\$0.01755	(\$0.00031)	\$0.12179	\$0.07089	\$0.00744	\$0.00825	(\$0.00031)	\$0.08627
Aug-2011	\$0.07143	\$0.03366	\$0.01755	(\$0.00031)	\$0.12233	\$0.07143	\$0.00744	\$0.00825	(\$0.00031)	\$0.08681
Sep-2011 Oct-2011	\$0.06757	\$0.03366	\$0.01755 \$0.01755	(\$0.00031)	\$0.11847	\$0.06757	\$0.00744	\$0.00825	(\$0.00031)	\$0.08295
Nov-2011	\$0.06878 \$0.06978	\$0.03366 \$0.03366	\$0.01755	(\$0.00031) (\$0.00031)	\$0.11968 \$0.12068	\$0.06878 \$0.06978	\$0.00744 \$0.00744	\$0.00825 \$0.00825	(\$0.00031) (\$0.00031)	\$0.08416 \$0.08516
Dec-2011	\$0.07312	\$0.03366	\$0.01755	(\$0.00031)	\$0.12402	\$0.07312	\$0.00744	\$0.00825	(\$0.00031)	\$0.08850
Jan-2012	\$0.08673	\$0.03366	\$0.01755	(\$0.00031)	\$0.13763	\$0.08673	\$0.00744	\$0.00825	(\$0.00031)	\$0.10211
Feb-2012 Mar-2012	\$0.08403 \$0.06991	\$0.03366 \$0.03366	\$0.01755 \$0.01755	(\$0.00031) (\$0.00031)	\$0.13493 \$0.12081	\$0.08403 \$0.06991	\$0.00744 \$0.00744	\$0.00825 \$0.00825	(\$0.00031) (\$0.00031)	\$0.09941 \$0.08529
Apr-2012	\$0.07195	\$0.03300	\$0.01733	\$0.00031)	\$0.12526	\$0.07195	\$0.00744	\$0.00825	\$0.00063	\$0.08329
May-2012	\$0.07109	\$0.03483	\$0.01838	\$0.00063	\$0.12493	\$0.07109	\$0.00765	\$0.00835	\$0.00063	\$0.08772
Jun-2012	\$0.06969	\$0.03483	\$0.01838	\$0.00063	\$0.12353	\$0.06969	\$0.00765	\$0.00835	\$0.00063	\$0.08632
Jul-2012 Aug-2012	\$0.06246 \$0.06212	\$0.03462 \$0.03462	\$0.01838 \$0.01838	\$0.00063 \$0.00063	\$0.11609 \$0.11575	\$0.06246 \$0.06212	\$0.00744 \$0.00744	\$0.00835 \$0.00835	\$0.00063 \$0.00063	\$0.07888 \$0.07854
Sep-2012	\$0.05843	\$0.03462	\$0.01838	\$0.00063	\$0.11206	\$0.05843	\$0.00744	\$0.00835	\$0.00063	\$0.07485
Oct-2012	\$0.05899	\$0.03464	\$0.01838	\$0.00063	\$0.11264	\$0.05899	\$0.00743	\$0.00835	\$0.00063	\$0.07540
Nov-2012 Dec-2012	\$0.06119 \$0.07099	\$0.03464 \$0.03464	\$0.01838 \$0.01838	\$0.00063 \$0.00063	\$0.11484 \$0.12464	\$0.06119 \$0.07099	\$0.00743 \$0.00743	\$0.00835 \$0.00835	\$0.00063 \$0.00063	\$0.07760 \$0.08740
Jan-2013	\$0.07099	\$0.03464	\$0.01838	\$0.00063	\$0.12404	\$0.08835	\$0.00743	\$0.00835	\$0.00063	\$0.10476
Feb-2013	\$0.08402	\$0.03407	\$0.01838	\$0.00063	\$0.13710	\$0.08402	\$0.00588	\$0.00835	\$0.00063	\$0.09888
Mar-2013	\$0.06626	\$0.03407	\$0.01838	\$0.00063	\$0.11934	\$0.06626	\$0.00588	\$0.00835	\$0.00063	\$0.08112
Apr-2013 May-2013	\$0.06454 \$0.06063	\$0.03454 \$0.03454	\$0.02204 \$0.02204	\$0.00162 \$0.00162	\$0.12274 \$0.11883	\$0.06454 \$0.06063	\$0.00599 \$0.00599	\$0.00716 \$0.00716	\$0.00162 \$0.00162	\$0.07931 \$0.07540
Jun-2013	\$0.06295	\$0.03454	\$0.02204	\$0.00162	\$0.11883	\$0.06295	\$0.00599	\$0.00716	\$0.00162	\$0.07340 \$0.07772
Jul-2013	\$0.07496	\$0.03424	\$0.02204	\$0.00162	\$0.13286	\$0.07496	\$0.00569	\$0.00716	\$0.00162	\$0.08943
Aug-2013	\$0.07305	\$0.03424	\$0.02204	\$0.00162	\$0.13095	\$0.07305	\$0.00569	\$0.00716	\$0.00162	\$0.08752
Sep-2013 Oct-2013	\$0.06614 \$0.06826	\$0.03424 \$0.03411	\$0.02204 \$0.02204	\$0.00162 \$0.00162	\$0.12404 \$0.12603	\$0.06614 \$0.06826	\$0.00569 \$0.00561	\$0.00716 \$0.00716	\$0.00162 \$0.00162	\$0.08061 \$0.08265
Nov-2013	\$0.07468	\$0.03411	\$0.02204	\$0.00162	\$0.12003	\$0.00820	\$0.00561	\$0.00716	\$0.00162	\$0.08203
Dec-2013	\$0.09184	\$0.03411	\$0.02204	\$0.00162	\$0.14961	\$0.09184	\$0.00561	\$0.00716	\$0.00162	\$0.10623
Jan-2014	\$0.12700	\$0.03411	\$0.02204	\$0.00162	\$0.18477	\$0.12700	\$0.00561	\$0.00716	\$0.00162	\$0.14139
Feb-2014 Mar-2014	\$0.12574 \$0.08343	\$0.03411 \$0.03411	\$0.02204 \$0.02204	\$0.00162 \$0.00162	\$0.18351 \$0.14120	\$0.12574 \$0.08343	\$0.00561 \$0.00561	\$0.00716 \$0.00716	\$0.00162 \$0.00162	\$0.14013 \$0.09782
Apr-2014	\$0.08343	\$0.03411	\$0.02204	\$0.00102	\$0.12656	\$0.08343	\$0.00542	\$0.00718	\$0.00102	\$0.09782
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The Narragansett Electric Company d/b/a National Grid RIPUC Docket No. 4930 2019 Electric Retail Rate Filing Attachment PUC 2-8

	C-06					G-02 Attachment PUC 2-8				
										Page 6 of 8
	E C				Total Renewable	ECti	Distribustion			Total Renewable
	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Generation Credit	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Generation Credit
	Credit / BOB Tune	Distribution rune	Transmission rate	Transition rate	Concration Crean	Credit / BOB Itale	11110	Transmission rate	Transition Trace	Generation Great
	()	4)	()	(1)	(e) = sum of (a)	()	4.)	()	(1)	(e) = sum of (a)
May: 2014	(a) \$0.06699	(b) \$0.03400	(c) \$0.02003	(d) \$0.00096	through (d)	(a) \$0.06699	(b) \$0.00542	(c) \$0.00768	(d) \$0.00096	through (d)
May-2014 Jun-2014	\$0.07203	\$0.03400	\$0.02003	\$0.00096	\$0.12198 \$0.12702	\$0.07203	\$0.00542	\$0.00768	\$0.00096	\$0.08105 \$0.08609
Jul-2014	\$0.09006	\$0.03443	\$0.02003	\$0.00096	\$0.14548	\$0.09006	\$0.00585	\$0.00768	\$0.00096	\$0.10455
Aug-2014	\$0.08609	\$0.03443	\$0.02003	\$0.00096	\$0.14151	\$0.08609	\$0.00585	\$0.00768	\$0.00096	\$0.10058
Sep-2014	\$0.07529	\$0.03443	\$0.02003	\$0.00096	\$0.13071	\$0.07529	\$0.00585	\$0.00768	\$0.00096	\$0.08978
Oct-2014	\$0.07565	\$0.03428	\$0.02003	\$0.00096	\$0.13092	\$0.07565	\$0.00574	\$0.00768	\$0.00096	\$0.09003
Nov-2014	\$0.09809	\$0.03428 \$0.03428	\$0.02003	\$0.00096	\$0.15336	\$0.09809	\$0.00574	\$0.00768	\$0.00096	\$0.11247
Dec-2014 Jan-2015	\$0.13614 \$0.18846	\$0.03428 \$0.03428	\$0.02003 \$0.02003	\$0.00096 \$0.00096	\$0.19141 \$0.24373	\$0.13614 \$0.18846	\$0.00574 \$0.00574	\$0.00768 \$0.00768	\$0.00096 \$0.00096	\$0.15052 \$0.20284
Feb-2015	\$0.18361	\$0.03428	\$0.02003	\$0.00096	\$0.23888	\$0.18361	\$0.00574	\$0.00768	\$0.00096	\$0.19799
Mar-2015	\$0.11713	\$0.03428	\$0.02003	\$0.00096	\$0.17240	\$0.11713	\$0.00574	\$0.00768	\$0.00096	\$0.13151
Apr-2015	\$0.07513	\$0.03576	\$0.02072	(\$0.00201)	\$0.12960	\$0.07513	\$0.00595	\$0.00894	(\$0.00201)	\$0.08801
May-2015	\$0.06343	\$0.03576	\$0.02072	(\$0.00201)	\$0.11790	\$0.06343	\$0.00595	\$0.00894	(\$0.00201)	\$0.07631
Jun-2015	\$0.07602	\$0.03576	\$0.02072	(\$0.00201)	\$0.13049	\$0.07602	\$0.00595	\$0.00894	(\$0.00201)	\$0.08890
Jul-2015 Aug-2015	\$0.08266 \$0.07876	\$0.03668 \$0.03668	\$0.02072 \$0.02072	(\$0.00201)	\$0.13805	\$0.08266	\$0.00687	\$0.00894	(\$0.00201)	\$0.09646
Sep-2015	\$0.07230	\$0.03668	\$0.02072	(\$0.00201) (\$0.00201)	\$0.13415 \$0.12769	\$0.07876 \$0.07230	\$0.00687 \$0.00687	\$0.00894 \$0.00894	(\$0.00201) (\$0.00201)	\$0.09256 \$0.08610
Oct-2015	\$0.07236	\$0.03694	\$0.02072	(\$0.00201)	\$0.12707	\$0.07386	\$0.00707	\$0.00894	(\$0.00201)	\$0.08786
Nov-2015	\$0.09548	\$0.03763	\$0.02072	(\$0.00201)	\$0.15182	\$0.09548	\$0.00765	\$0.00894	(\$0.00201)	\$0.11006
Dec-2015	\$0.14124	\$0.03763	\$0.02072	(\$0.00201)	\$0.19758	\$0.14124	\$0.00765	\$0.00894	(\$0.00201)	\$0.15582
Jan-2016	\$0.13814	\$0.03763	\$0.02072	(\$0.00201)	\$0.19448	\$0.13814	\$0.00765	\$0.00894	(\$0.00201)	\$0.15272
Feb-2016	\$0.13500	\$0.03763	\$0.02072	(\$0.00201)	\$0.19134	\$0.13500	\$0.00765	\$0.00894	(\$0.00201)	\$0.14958
Mar-2016	\$0.09741	\$0.03763	\$0.02072	(\$0.00201)	\$0.15375	\$0.09741	\$0.00765	\$0.00894	(\$0.00201)	\$0.11199
Apr-2016 May-2016	\$0.07218 \$0.06238	\$0.03861 \$0.03861	\$0.02566 \$0.02566	(\$0.00058) (\$0.00058)	\$0.13587 \$0.12607	\$0.07218 \$0.06238	\$0.00734 \$0.00734	\$0.01068 \$0.01068	(\$0.00058) (\$0.00058)	\$0.08962 \$0.07982
Jun-2016	\$0.06554	\$0.03861	\$0.02566	(\$0.00058)	\$0.12923	\$0.06554	\$0.00734	\$0.01068	(\$0.00058)	\$0.08298
Jul-2016	\$0.06584	\$0.03855	\$0.02566	(\$0.00058)	\$0.12947	\$0.06584	\$0.00728	\$0.01068	(\$0.00058)	\$0.08322
Aug-2016	\$0.06165	\$0.03855	\$0.02566	(\$0.00058)	\$0.12528	\$0.06165	\$0.00728	\$0.01068	(\$0.00058)	\$0.07903
Sep-2016	\$0.05828	\$0.03855	\$0.02566	(\$0.00058)	\$0.12191	\$0.05828	\$0.00728	\$0.01068	(\$0.00058)	\$0.07566
Oct-2016	\$0.05998	\$0.03852	\$0.02566	(\$0.00058)	\$0.12358	\$0.05998	\$0.00733	\$0.01068	(\$0.00058)	\$0.07741
Nov-2016	\$0.06703	\$0.03852	\$0.02566	(\$0.00058)	\$0.13063	\$0.06703	\$0.00733	\$0.01068	(\$0.00058)	\$0.08446
Dec-2016 Jan-2017	\$0.08287 \$0.10722	\$0.03852 \$0.03852	\$0.02566 \$0.02566	(\$0.00058) (\$0.00058)	\$0.14647 \$0.17082	\$0.08287 \$0.10722	\$0.00733 \$0.00733	\$0.01068 \$0.01068	(\$0.00058) (\$0.00058)	\$0.10030 \$0.12465
Feb-2017	\$0.10722	\$0.03852	\$0.02566	(\$0.00058)	\$0.16843	\$0.10483	\$0.00733	\$0.01068	(\$0.00058)	\$0.12226
Mar-2017	\$0.08010	\$0.03852	\$0.02566	(\$0.00058)	\$0.14370	\$0.08010	\$0.00733	\$0.01068	(\$0.00058)	\$0.09753
Apr-2017	\$0.05098	\$0.03842	\$0.02838	\$0.00057	\$0.11835	\$0.05098	\$0.00738	\$0.01096	\$0.00057	\$0.06989
May-2017	\$0.04512	\$0.03842	\$0.02838	\$0.00057	\$0.11249	\$0.04512	\$0.00738	\$0.01096	\$0.00057	\$0.06403
Jun-2017	\$0.06640	\$0.03842	\$0.02838	\$0.00057	\$0.13377	\$0.06640	\$0.00738	\$0.01096	\$0.00057	\$0.08531
Jul-2017	\$0.06910 \$0.06855	\$0.04163 \$0.04163	\$0.02838 \$0.02838	\$0.00057 \$0.00057	\$0.13968 \$0.13913	\$0.06910 \$0.06855	\$0.01059 \$0.01059	\$0.01096 \$0.01096	\$0.00057 \$0.00057	\$0.09122 \$0.09067
Aug-2017 Sep-2017	\$0.06855	\$0.04163 \$0.04163	\$0.02838 \$0.02838	\$0.00057 \$0.00057	\$0.13519	\$0.06855	\$0.01059	\$0.01096 \$0.01096	\$0.00057 \$0.00057	\$0.09067 \$0.08673
Oct-2017	\$0.06969	\$0.03892	\$0.02838	\$0.00057	\$0.13756	\$0.06969	\$0.00812	\$0.01096	\$0.00057	\$0.08934
Nov-2017	\$0.07802	\$0.03892	\$0.02838	\$0.00057	\$0.14589	\$0.07802	\$0.00812	\$0.01096	\$0.00057	\$0.09767
Dec-2017	\$0.09201	\$0.03892	\$0.02838	\$0.00057	\$0.15988	\$0.09201	\$0.00812	\$0.01096	\$0.00057	\$0.11166
Jan-2018	\$0.11527	\$0.03892	\$0.02838	\$0.00057	\$0.18314	\$0.11527	\$0.00812	\$0.01096	\$0.00057	\$0.13492
Feb-2018	\$0.11585	\$0.03892	\$0.02838	\$0.00057	\$0.18372	\$0.11585	\$0.00812	\$0.01096	\$0.00057	\$0.13550
Mar-2018	\$0.08827	\$0.03892	\$0.02838	\$0.00057	\$0.15614	\$0.08827	\$0.00812	\$0.01096	\$0.00057	\$0.10792
Apr-2018 May-2018	\$0.07842 \$0.07301	\$0.03952 \$0.03952	\$0.02726 \$0.02726	(\$0.00087) (\$0.00087)	\$0.14433 \$0.13892	\$0.07842 \$0.07301	\$0.00818 \$0.00818	\$0.01028 \$0.01028	(\$0.00087) (\$0.00087)	\$0.09601 \$0.09060
Jun-2018	\$0.07301	\$0.03952	\$0.02726	(\$0.00087)	\$0.15041	\$0.08450	\$0.00818	\$0.01028	(\$0.00087)	\$0.10209
Jul-2018	\$0.08514	\$0.04020	\$0.02726	(\$0.00087)	\$0.15173	\$0.08514	\$0.00886	\$0.01028	(\$0.00087)	\$0.10341
Aug-2018	\$0.08417	\$0.04020	\$0.02726	(\$0.00087)	\$0.15076	\$0.08417	\$0.00886	\$0.01028	(\$0.00087)	\$0.10244
Sep-2018	\$0.08457	\$0.04804	\$0.02728	(\$0.00087)	\$0.15902	\$0.08457	\$0.00979	\$0.01030	(\$0.00087)	\$0.10379
Oct-2018	\$0.09632	\$0.04932	\$0.02728	(\$0.00087)	\$0.17205	\$0.09632	\$0.01109	\$0.01030	(\$0.00087)	\$0.11684
Nov-2018 Dec-2018	\$0.10034 \$0.11817	\$0.04932 \$0.04932	\$0.02728 \$0.02728	(\$0.00087) (\$0.00087)	\$0.17607 \$0.19390	\$0.10034 \$0.11817	\$0.01109 \$0.01109	\$0.01030 \$0.01030	(\$0.00087) (\$0.00087)	\$0.12086 \$0.13869
Dec-2018	\$0.11817	\$0.04932	\$0.02/28	(\$0.00087)	\$0.19590	\$0.1181/	φυ.U11U9	\$0.01030	(\$0.00087)	фU.13809

			G-32				
	Excess						
	Generation						
	Credit / SOS	Distribution	Transmission	Transition	Total Renewable		
	Rate	Rate	Rate	Rate	Generation Credit		
					(-)		
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)		
Jan-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
Feb-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
Mar-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
Apr-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
May-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
Jun-2008	\$0.09284	\$0.00889	\$0.00541	\$0.00322	\$0.11036		
Jul-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Aug-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Sep-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Oct-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Nov-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Dec-2008	\$0.12484	\$0.00889	\$0.00541	\$0.00322	\$0.14236		
Jan-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Feb-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Mar-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Apr-2009	\$0.09293 \$0.09293	\$0.00889 \$0.00889	\$0.01064	\$0.00235 \$0.00235	\$0.11481		
May-2009 Jun-2009	\$0.09293	\$0.00889	\$0.01064 \$0.01064	\$0.00235	\$0.11481 \$0.11481		
Jul-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Aug-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Sep-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Oct-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Nov-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Dec-2009	\$0.09293	\$0.00889	\$0.01064	\$0.00235	\$0.11481		
Jan-2010	\$0.07984	\$0.00889	\$0.01064	\$0.00235	\$0.10172		
Feb-2010	\$0.08231	\$0.00889	\$0.01064	\$0.00235	\$0.10419		
Mar-2010	\$0.08467	\$0.00889	\$0.00575	\$0.00068	\$0.09999		
Apr-2010	\$0.08062	\$0.00889	\$0.00575	\$0.00068	\$0.09594		
May-2010	\$0.07919	\$0.00889	\$0.00575	\$0.00068	\$0.09451		
Jun-2010	\$0.07873	\$0.00873	\$0.00575	\$0.00068	\$0.09389		
Jul-2010	\$0.07142	\$0.00873	\$0.00575	\$0.00068	\$0.08658		
Aug-2010	\$0.07495	\$0.00873	\$0.00575	\$0.00068	\$0.09011		
Sep-2010	\$0.06953	\$0.00873	\$0.00575	\$0.00068	\$0.08469		
Oct-2010	\$0.07024	\$0.00873	\$0.00575	\$0.00068	\$0.08540		
Nov-2010	\$0.07271	\$0.00873	\$0.00575	\$0.00068	\$0.08787		
Dec-2010 Jan-2011	\$0.07694 \$0.07347	\$0.00873 \$0.00873	\$0.00575 \$0.00575	\$0.00068 \$0.00068	\$0.09210 \$0.08863		
Feb-2011	\$0.07212	\$0.00873	\$0.00575	\$0.00068	\$0.08728		
Mar-2011	\$0.06370	\$0.00873	\$0.00575	\$0.00068	\$0.07886		
Apr-2011	\$0.06370	\$0.00874	\$0.00678	(\$0.00031)	\$0.07891		
May-2011	\$0.06377	\$0.00874	\$0.00678	(\$0.00031)	\$0.07898		
Jun-2011	\$0.06250	\$0.00874	\$0.00678	(\$0.00031)	\$0.07771		
Jul-2011	\$0.06495	\$0.00874	\$0.00678	(\$0.00031)	\$0.08016		
Aug-2011	\$0.06663	\$0.00874	\$0.00678	(\$0.00031)	\$0.08184		
Sep-2011	\$0.06718	\$0.00874	\$0.00678	(\$0.00031)	\$0.08239		
Oct-2011	\$0.06088	\$0.00874	\$0.00678	(\$0.00031)	\$0.07609		
Nov-2011	\$0.06373	\$0.00874	\$0.00678	(\$0.00031)	\$0.07894		
Dec-2011	\$0.07603	\$0.00874	\$0.00678	(\$0.00031)	\$0.09124		
Jan-2012	\$0.08573	\$0.00883	\$0.00678	(\$0.00031)	\$0.10103		
Feb-2012	\$0.07959	\$0.00883	\$0.00678	(\$0.00031)	\$0.09489		
Mar-2012 Apr-2012	\$0.06309 \$0.04788	\$0.00883 \$0.00898	\$0.00678 \$0.00646	(\$0.00031) \$0.00063	\$0.07839 \$0.06395		
May-2012	\$0.04730	\$0.00898	\$0.00646	\$0.00063	\$0.06337		
Jun-2012	\$0.04341	\$0.00898	\$0.00646	\$0.00063	\$0.05948		
Jul-2012	\$0.04699	\$0.00877	\$0.00646	\$0.00063	\$0.06285		
Aug-2012	\$0.04700	\$0.00877	\$0.00646	\$0.00063	\$0.06286		
Sep-2012	\$0.04760	\$0.00877	\$0.00646	\$0.00063	\$0.06346		
Oct-2012	\$0.04851	\$0.00879	\$0.00646	\$0.00063	\$0.06439		
Nov-2012	\$0.05001	\$0.00879	\$0.00646	\$0.00063	\$0.06589		
Dec-2012	\$0.06052	\$0.00879	\$0.00646	\$0.00063	\$0.07640		
Jan-2013	\$0.08915	\$0.00879	\$0.00646	\$0.00063	\$0.10503		
Feb-2013	\$0.08335	\$0.00612	\$0.00646	\$0.00063	\$0.09656		
Mar-2013	\$0.06208	\$0.00612	\$0.00646	\$0.00063	\$0.07529		
Apr-2013	\$0.05764	\$0.00629	\$0.00842	\$0.00162	\$0.07397		
May-2013	\$0.05297 \$0.06102	\$0.00629	\$0.00842	\$0.00162	\$0.06930 \$0.07735		
Jun-2013 Jul-2013	\$0.06102 \$0.07014	\$0.00629	\$0.00842 \$0.00842	\$0.00162 \$0.00162	\$0.07735 \$0.08617		
Aug-2013	\$0.07014 \$0.06690	\$0.00599 \$0.00599	\$0.00842 \$0.00842	\$0.00162 \$0.00162	\$0.08617 \$0.08293		
Sep-2013	\$0.05938	\$0.00599	\$0.00842	\$0.00162	\$0.07541		
Oct-2013	\$0.03938	\$0.00590	\$0.00842	\$0.00162	\$0.06550		
Nov-2013	\$0.05824	\$0.00590	\$0.00842	\$0.00162	\$0.07418		
Dec-2013	\$0.09436	\$0.00590	\$0.00842	\$0.00162	\$0.11030		
Jan-2014	\$0.11959	\$0.00590	\$0.00842	\$0.00162	\$0.13553		
Feb-2014	\$0.11727	\$0.00590	\$0.00842	\$0.00162	\$0.13321		
Mar-2014	\$0.07280	\$0.00590	\$0.00842	\$0.00162	\$0.08874		
Apr-2014	\$0.08494	\$0.00578	\$0.00774	\$0.00096	\$0.09942		
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			G-32		
	Excess				
	Generation				
	Credit / SOS	Distribution	Transmission	Transition	Total Renewable
	Rate	Rate	Rate	Rate	Generation Credit
	Tutto	ruic	Tuite	Tutte	Generation Crean
					() (()
		4.			(e) = sum of (a)
	(a)	(b)	(c)	(d)	through (d)
May-2014	\$0.06875	\$0.00578	\$0.00774	\$0.00096	\$0.08323
Jun-2014	\$0.08570	\$0.00578	\$0.00774	\$0.00096	\$0.10018
Jul-2014	\$0.08779	\$0.00621	\$0.00774	\$0.00096	\$0.10270
Aug-2014	\$0.08054	\$0.00621	\$0.00774	\$0.00096	\$0.09545
Sep-2014	\$0.07125	\$0.00621	\$0.00774	\$0.00096	\$0.08616
Oct-2014	\$0.05799	\$0.00614	\$0.00774	\$0.00096	\$0.07283
Nov-2014	\$0.07547	\$0.00614	\$0.00774	\$0.00096	\$0.09031
Dec-2014	\$0.14585	\$0.00614	\$0.00774	\$0.00096	\$0.16069
Jan-2015	\$0.20820	\$0.00614	\$0.00774	\$0.00096	\$0.22304
Feb-2015	\$0.20868	\$0.00614	\$0.00774	\$0.00096	\$0.22352
Mar-2015	\$0.12585	\$0.00614	\$0.00774	\$0.00096	\$0.14069
Apr-2015	\$0.06158	\$0.00626	\$0.00930	(\$0.00201)	\$0.07513
May-2015	\$0.05461	\$0.00626	\$0.00930	(\$0.00201)	\$0.06816
Jun-2015	\$0.06245	\$0.00626	\$0.00930	(\$0.00201)	\$0.07600
Jul-2015	\$0.07126	\$0.00028	\$0.00930	(\$0.00201)	\$0.08573
Aug-2015	\$0.06419	\$0.00718	\$0.00930	(\$0.00201)	\$0.07866
Sep-2015	\$0.05798	\$0.00718	\$0.00930	(\$0.00201)	\$0.07245
Oct-2015	\$0.05950	\$0.00732	\$0.00930	(\$0.00201)	\$0.07411
Nov-2015	\$0.07528	\$0.00759	\$0.00930	(\$0.00201)	\$0.09016
Dec-2015	\$0.10542	\$0.00759	\$0.00930	(\$0.00201)	\$0.12030
Jan-2016	\$0.11199	\$0.00759	\$0.00930	(\$0.00201)	\$0.12687
Feb-2016	\$0.10954	\$0.00759	\$0.00930	(\$0.00201)	\$0.12442
Mar-2016	\$0.08308	\$0.00759	\$0.00930	(\$0.00201)	\$0.09796
Apr-2016	\$0.05018	\$0.00742	\$0.01047	(\$0.00058)	\$0.06749
May-2016	\$0.04468	\$0.00742	\$0.01047	(\$0.00058)	\$0.06199
Jun-2016	\$0.04673	\$0.00742	\$0.01047	(\$0.00058)	\$0.06404
Jul-2016	\$0.05035	\$0.00736	\$0.01047	(\$0.00058)	\$0.06760
Aug-2016	\$0.04731	\$0.00736	\$0.01047	(\$0.00058)	\$0.06456
Sep-2016	\$0.04001	\$0.00736	\$0.01047	(\$0.00058)	\$0.05726
Oct-2016	\$0.03947	\$0.00768	\$0.01047	(\$0.00058)	\$0.05704
Nov-2016	\$0.04626	\$0.00768	\$0.01047	(\$0.00058)	\$0.06383
Dec-2016	\$0.06416	\$0.00768	\$0.01047	(\$0.00058)	\$0.08173
Jan-2017	\$0.08474	\$0.00768	\$0.01047	(\$0.00058)	\$0.10231
Feb-2017	\$0.08345	\$0.00768	\$0.01047	(\$0.00058)	\$0.10102
Mar-2017	\$0.05677	\$0.00768	\$0.01047	(\$0.00058)	\$0.07434
Apr-2017	\$0.04814	\$0.00774	\$0.01123	\$0.00057	\$0.06768
May-2017	\$0.04336	\$0.00774	\$0.01123	\$0.00057	\$0.06290
Jun-2017	\$0.05514	\$0.00774	\$0.01123	\$0.00057	\$0.07468
Jul-2017	\$0.06554	\$0.01095	\$0.01123	\$0.00057	\$0.08829
		\$0.01095	\$0.01123		
Aug-2017	\$0.06398			\$0.00057	\$0.08673
Sep-2017	\$0.05926	\$0.01095	\$0.01123	\$0.00057	\$0.08201
Oct-2017	\$0.05264	\$0.00900	\$0.01123	\$0.00057	\$0.07344
Nov-2017	\$0.06046	\$0.00900	\$0.01123	\$0.00057	\$0.08126
Dec-2017	\$0.08011	\$0.00900	\$0.01123	\$0.00057	\$0.10091
Jan-2018	\$0.10522	\$0.00900	\$0.01123	\$0.00057	\$0.12602
Feb-2018	\$0.10204	\$0.00900	\$0.01123	\$0.00057	\$0.12284
Mar-2018	\$0.07567	\$0.00900	\$0.01123	\$0.00057	\$0.09647
Apr-2018	\$0.05913	\$0.00904	\$0.01088	(\$0.00087)	\$0.07818
May-2018	\$0.05396	\$0.00904	\$0.01088	(\$0.00087)	\$0.07301
Jun-2018	\$0.06774	\$0.00904	\$0.01088	(\$0.00087)	\$0.08679
Jul-2018	\$0.07366	\$0.00972	\$0.01088	(\$0.00087)	\$0.09339
Aug-2018	\$0.07343	\$0.00972	\$0.01088	(\$0.00087)	\$0.09316
Sep-2018	\$0.06920	\$0.00962	\$0.01216	(\$0.00087)	\$0.09011
Oct-2018	\$0.07740	\$0.01042	\$0.01216	(\$0.00087)	\$0.09911
Nov-2018	\$0.08099	\$0.01042	\$0.01216	(\$0.00087)	\$0.10270
Dec-2018	\$0.10671	\$0.01042	\$0.01216	(\$0.00087)	\$0.12842
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