

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
JANUARY 1, 2018 AVERAGE DISTRIBUTION RATE CHANGE

Line	Description	Total	Component Avg Rate Impact	Source
1	NHPUC Assessment	\$ 911,624	0.012	CJG-1, Page 2 Line 5
2	Proceeding Costs	430,569	0.005	CJG-1, Page 3 Line 40
3	Total Revenue Requirements	\$ 1,342,193		Line 1 + Line 2
4	Forecasted MWh (January 2018 to December 2018)	7,847,816		Company Forecast
5	Average Distribution Adjustment (cents per kWh)	0.017		Line 3 / Line 4 / 10

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
JANUARY 1, 2018 DISTRIBUTION CHANGE DUE FOR NHPUC ASSESSMENT CHANGE**

Line	Description	Distribution	Energy Service	TCAM	Total	(Over) / Under Recovery	Comment
1	FY 2015 Assessment Level	\$ 4,148,785	\$ 10,000	\$ -	\$ 4,158,785	\$ -	Docket No. DE 14-347 Order #25,743
2	FY 2016 Assessment Level	\$ 4,101,005	\$ 10,000	\$ -	4,111,005	(47,780)	
3	FY 2017 Assessment Level	\$ 4,234,441	\$ 10,000	\$ -	4,244,441	85,656	
4	FY 2018 Assessment Level	\$ 5,022,533	\$ 10,000	\$ -	5,032,533	873,748	
5	Total Assessment Adjustment Amount					<u>911,624</u>	Line 1 + Line 2 + Line 3 + Line 4

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
JANUARY 1, 2018 DISTRIBUTION CHANGE DUE FOR PROCEEDING CONSULTANT EXPENSES

Line	Docket No.	Docket Description	Vendor Name	Invoice Date	Invoice #	Invoice Amount
1	DE 15-296	Grid Mod	Raab Associates	05/10/2016	11709	\$ 4,869
2	DE 15-296	Grid Mod	Synapse Energy Economics	05/10/2016	11712	4,615
3	DE 15-296	Grid Mod	Raab Associates	05/17/2016	11716	8,952
4	DE 15-296	Grid Mod	Synapse Energy Economics	05/18/2016	11719	5,698
5	DE 15-296	Grid Mod	Synapse Energy Economics	06/16/2016	11726	6,500
6	DE 15-296	Grid Mod	Raab Associates	06/16/2016	11723	9,213
7	DE 15-296	Grid Mod	Synapse Energy Economics	07/18/2016	11735	5,325
8	DE 15-296	Grid Mod	Raab Associates	07/18/2016	11732	10,452
9	DE 15-296	Grid Mod	Raab Associates	08/15/2016	11740	3,128
10	DE 15-296	Grid Mod	Synapse Energy Economics	08/24/2016	11747	633
11	DE 15-296	Grid Mod	Raab Associates	09/15/2016	11751	3,025
12	DE 15-296	Grid Mod	Synapse Energy Economics	09/26/2016	11759	814
13	DE 15-296	Grid Mod	Raab Associates	10/10/2016	11763	7,959
14	DE 15-296	Grid Mod	Synapse Energy Economics	10/21/2016	11774	6,008
15	DE 15-296	Grid Mod	Raab Associates	11/14/2016	11785	7,423
16	DE 15-296	Grid Mod	Synapse Energy Economics	11/14/2016	11788	3,891
17	DE 15-296	Grid Mod	Raab Associates	12/14/2016	11804	7,477
18	DE 15-296	Grid Mod	Synapse Energy Economics	12/22/2016	11810	3,267
19	DE 15-296	Grid Mod	Raab Associates	01/03/2017	11815	7,319
20	DE 15-296	Grid Mod	Synapse Energy Economics	01/20/2017	11823	4,253
21	DE 15-296	Grid Mod	Raab Associates	02/08/2017	11827	6,310
22	DE 15-296	Grid Mod	Synapse Energy Economics	02/27/2017	11844	3,858
23	DE 15-296	Grid Mod	Synapse Energy Economics	04/05/2017	11859	4,932
24	DE 15-296	Grid Mod	Synapse Energy Economics	04/21/2017	11875	3,179
25	DE 15-296	Grid Mod	Raab Associates	05/04/2017	11883	9,892
26	DE 15-296	Grid Mod	Raab Associates	05/11/2017	11888	545
27	DE 16-576	Net Metering	DayMark Energy Advisors	09/19/2016	11754	22,648
28	DE 16-576	Net Metering	DayMark Energy Advisors	10/19/2016	11769	18,397
29	DE 16-576	Net Metering	Strategen Consulting	11/15/2016	11791	40,549
30	DE 16-576	Net Metering	DayMark Energy Advisors	11/28/2016	11796	20,061
31	DE 16-576	Net Metering	DayMark Energy Advisors	12/21/2016	11807	56,068
32	DE 16-576	Net Metering	DayMark Energy Advisors	01/19/2017	11820	43,162
33	DE 16-576	Net Metering	DayMark Energy Advisors	02/23/2017	11840	21,739
34	DE 16-576	Net Metering	DayMark Energy Advisors	03/10/2017	11849	9,455
35	DE 16-576	Net Metering	Strategen Consulting	03/22/2017	11855	12,910
36	DE 16-576	Net Metering	Strategen Consulting	04/21/2017	11872	4,866
37	DE 16-576	Net Metering	Strategen Consulting	05/12/2017	11891	1,577
38	DE 16-576	Net Metering	DayMark Energy Advisors	05/25/2017	11895	25,224
39	DE 16-576	Net Metering	Strategen Consulting	07/13/2017	11908	14,372
40	Total Grid Mod & Net Metering Proceeding Costs					\$ 430,569

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
Calculation of Monthly Distribution Rates for Effect January 1, 2018
Reflecting an Average Adjustment of 0.017 cents/kWh

Docket No. DE 17-xxx
Dated 10/20/2017
Attachment CJG-1
Page 4 of 5

Average distribution revenue levels (cents/kWh)

Current (07/01/2017) revenue level based on 2014 billing determinants	4.351
NHPUC Assessment adjustment (from Attachment CJG-1, Page 1, Lines 1)	0.012
Proceeding Expense adjustment (from Attachment CJG-1, Page 1, Line 2)	0.005

<u>Rate Schedule</u>	<u>Charge</u>	(1) Current Rates Effective 07/01/2017	(2) Adjustment for NHPUC Assessment	(3) Adjustment for Proceeding Expenses	(4) Proposed Rates For Effect 01/01/2018
Residential Rate R	Customer charge	\$ 12.64	\$ 0.03	\$ 0.02	\$ 12.69
	All KWH	\$ 0.04125	\$ 0.0001	\$ 0.00005	\$ 0.04141
Uncontrolled Water Heating	Meter charge	\$ 4.45	\$ 0.01	\$ 0.01	\$ 4.47
	All KWH	\$ 0.02022	\$ 0.0001	\$ 0.00003	\$ 0.02030
Controlled Water Heating	Meter charge	\$ 7.85	\$ 0.02	\$ 0.01	\$ 7.88
	All KWH	\$ 0.00120	\$ 0.0000	\$ 0.00000	\$ 0.00120
Residential Rate R-OTOD	Customer charge	\$ 29.35	\$ 0.08	\$ 0.04	\$ 29.47
	On-peak KWH	\$ 0.13183	\$ 0.0004	\$ 0.00017	\$ 0.13235
	Off-peak KWH	\$ 0.00192	\$ 0.0000	\$ 0.00000	\$ 0.00193
General Service Rate G	Single phase customer charge	\$ 14.83	\$ 0.04	\$ 0.02	\$ 14.89
	Three phase customer charge	\$ 29.64	\$ 0.08	\$ 0.04	\$ 29.76
	Load charge (over 5 KW)	\$ 8.69	\$ 0.02	\$ 0.01	\$ 8.72
	First 500 KWH	\$ 0.06959	\$ 0.0002	\$ 0.00009	\$ 0.06986
	Next 1,000 KWH	\$ 0.01724	\$ 0.0000	\$ 0.00002	\$ 0.01731
	All additional KWH	\$ 0.00610	\$ 0.0000	\$ 0.00001	\$ 0.00612
Space Heating	Meter charge	\$ 2.97	\$ 0.01	\$ 0.00	\$ 2.98
	All KWH	\$ 0.03413	\$ 0.0001	\$ 0.00004	\$ 0.03426
General Service Rate G-OTOD	Single phase customer charge	\$ 38.42	\$ 0.10	\$ 0.05	\$ 38.57
	Three phase customer charge	\$ 54.90	\$ 0.15	\$ 0.07	\$ 55.12
	Load charge	\$ 12.10	\$ 0.03	\$ 0.02	\$ 12.15
	On-peak KWH	\$ 0.04882	\$ 0.0001	\$ 0.00006	\$ 0.04901
	Off-peak KWH	\$ 0.00765	\$ 0.0000	\$ 0.00001	\$ 0.00768
Load Controlled Service Rate LCS	Radio-controlled option	\$ 9.07	\$ 0.02	\$ 0.01	\$ 9.11
	8, 10 or 11-hour option	\$ 7.85	\$ 0.02	\$ 0.01	\$ 7.88
	Switch option	\$ 9.07	\$ 0.02	\$ 0.01	\$ 9.11
	Radio-controlled option (all KWH)	\$ 0.00120	\$ 0.0000	\$ 0.00000	\$ 0.00120
	8-hour option (all KWH)	\$ 0.00120	\$ 0.0000	\$ 0.00000	\$ 0.00120
	10 or 11-hour option (all KWH)	\$ 0.02438	\$ 0.0001	\$ 0.00003	\$ 0.02448
Primary General Service Rate GV	Customer charge	\$ 193.27	\$ 0.52	\$ 0.24	\$ 194.03
	First 100 KW	\$ 5.56	\$ 0.01	\$ 0.01	\$ 5.58
	All additional KW	\$ 5.32	\$ 0.01	\$ 0.01	\$ 5.34
	First 200,000 KWH	\$ 0.00604	\$ 0.0000	\$ 0.00001	\$ 0.00606
	All additional KWH	\$ 0.00507	\$ 0.0000	\$ 0.00001	\$ 0.00509
Large General Service Rate LG	Customer charge	\$ 604.10	\$ 1.61	\$ 0.76	\$ 606.47
	Demand charge	\$ 4.73	\$ 0.01	\$ 0.01	\$ 4.75
	On-peak KWH	\$ 0.00506	\$ 0.0000	\$ 0.00001	\$ 0.00508
	Off-peak KWH	\$ 0.00427	\$ 0.0000	\$ 0.00001	\$ 0.00429
Backup Service Rate B	Administrative charge	\$ 340.50	\$ 0.91	\$ 0.43	\$ 341.84
	Translation charge	\$ 57.12	\$ 0.15	\$ 0.07	\$ 57.34
	Demand charge*	\$ 4.46	\$ 0.01	\$ 0.01	\$ 4.48
	All KWH*		(the energy charges contained in the Standard Rate)		

Notes:

Column (2): Rates in Column (1) X (0.012/4.351)

Column (3): Rates in Column (1) X (0.005/4.351)

Column (4): Column (1) + Column (2) + Column (3). Amounts may not total due to rounding.

* These charges do not apply to customers who take service at 115,000 volts or higher.

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Attachment CJG-1
Page 5 of 5

<u>Rate Schedule</u>	<u>Charge</u>	(1) Current Rates Effective 07/01/2017	(2) Adjustment for NHPUC Assessment	(3) Adjustment for Proceeding Expenses	(4) Proposed Rates For Effect 01/01/2018
Outdoor Lighting Rate OL	High Pressure Sodium 4,000 L	\$ 15.77	\$ 0.04	\$ 0.02	\$ 15.83
	High Pressure Sodium 5,800 L	\$ 15.77	\$ 0.04	\$ 0.02	\$ 15.83
	High Pressure Sodium 9,500 L	\$ 20.97	\$ 0.06	\$ 0.03	\$ 21.05
	High Pressure Sodium 16,000 L	\$ 29.65	\$ 0.08	\$ 0.04	\$ 29.77
	High Pressure Sodium 30,000 L	\$ 30.39	\$ 0.08	\$ 0.04	\$ 30.51
	High Pressure Sodium 50,000 L	\$ 30.73	\$ 0.08	\$ 0.04	\$ 30.85
	High Pressure Sodium 130,000 L	\$ 49.32	\$ 0.13	\$ 0.06	\$ 49.51
	High Pressure Sodium 12,000 L	\$ 21.68	\$ 0.06	\$ 0.03	\$ 21.77
	High Pressure Sodium 34,200 L	\$ 27.76	\$ 0.07	\$ 0.04	\$ 27.87
	Mercury 3,500 L	\$ 13.91	\$ 0.04	\$ 0.02	\$ 13.96
	Mercury 7,000 L	\$ 16.73	\$ 0.04	\$ 0.02	\$ 16.80
	Mercury 11,000 L	\$ 20.69	\$ 0.06	\$ 0.03	\$ 20.77
	Mercury 20,000 L	\$ 25.55	\$ 0.07	\$ 0.03	\$ 25.65
	Mercury 56,000 L	\$ 40.61	\$ 0.11	\$ 0.05	\$ 40.77
	Mercury 15,000 L	\$ 23.67	\$ 0.06	\$ 0.03	\$ 23.76
	Metal Halide 5,000 L	\$ 16.45	\$ 0.04	\$ 0.02	\$ 16.51
	Metal Halide 8,000 L	\$ 22.51	\$ 0.06	\$ 0.03	\$ 22.60
	Metal Halide 13,000 L	\$ 30.89	\$ 0.08	\$ 0.04	\$ 31.01
	Metal Halide 13,500 L	\$ 31.55	\$ 0.08	\$ 0.04	\$ 31.67
	Metal Halide 20,000 L	\$ 31.55	\$ 0.08	\$ 0.04	\$ 31.67
	Metal Halide 36,000 L	\$ 31.83	\$ 0.08	\$ 0.04	\$ 31.96
	Metal Halide 100,000 L	\$ 47.72	\$ 0.13	\$ 0.06	\$ 47.91
	Incandescent 600 L	\$ 9.08	\$ 0.02	\$ 0.01	\$ 9.12
	Incandescent 1,000 L	\$ 10.14	\$ 0.03	\$ 0.01	\$ 10.18
	Incandescent 2,500 L	\$ 13.01	\$ 0.03	\$ 0.02	\$ 13.06
	Incandescent 6,000 L	\$ 22.35	\$ 0.06	\$ 0.03	\$ 22.44
	Fluorescent 20,000 L	\$ 34.65	\$ 0.09	\$ 0.04	\$ 34.79
Outdoor Lighting Rate EOL	High Pressure Sodium 4,000 L	\$ 8.39	\$ 0.02	\$ 0.01	\$ 8.42
	High Pressure Sodium 5,800 L	\$ 8.39	\$ 0.02	\$ 0.01	\$ 8.42
	High Pressure Sodium 9,500 L	\$ 10.32	\$ 0.03	\$ 0.01	\$ 10.36
	High Pressure Sodium 16,000 L	\$ 11.35	\$ 0.03	\$ 0.01	\$ 11.39
	High Pressure Sodium 30,000 L	\$ 11.35	\$ 0.03	\$ 0.01	\$ 11.39
	High Pressure Sodium 50,000 L	\$ 11.71	\$ 0.03	\$ 0.01	\$ 11.76
	High Pressure Sodium 130,000 L	\$ 22.23	\$ 0.06	\$ 0.03	\$ 22.32
	Metal Halide 5,000 L	\$ 8.72	\$ 0.02	\$ 0.01	\$ 8.75
	Metal Halide 8,000 L	\$ 11.52	\$ 0.03	\$ 0.01	\$ 11.57
	Metal Halide 13,000 L	\$ 12.30	\$ 0.03	\$ 0.02	\$ 12.35
	Metal Halide 13,500 L	\$ 12.95	\$ 0.03	\$ 0.02	\$ 13.00
	Metal Halide 20,000 L	\$ 13.17	\$ 0.04	\$ 0.02	\$ 13.22
	Metal Halide 36,000 L	\$ 13.54	\$ 0.04	\$ 0.02	\$ 13.59
	Metal Halide 100,000 L	\$ 24.12	\$ 0.06	\$ 0.03	\$ 24.21
	LED's and other approved technologies				
	Per fixture	\$ 3.36	\$ 0.01	\$ 0.00	\$ 3.37
	Per watt	\$ 0.0511	\$ 0.0001	\$ 0.0001	\$ 0.0513

Notes:

Column (2): Rates in Column (1) X (0.012/4.351)

Column (3): Rates in Column (1) X (0.005/4.351)

Column (4): Column (1) + Column (2) + Column (3). Amounts may not total due to rounding.