# **REDACTED**

Docket No. DE 18-002 Dated December 13, 2018 Attachment CJG-1 Page 1 of 3

### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY ENERGY SERVICE RATE SETTING FEBRUARY 1, 2019 THOUGH JULY 31, 2019 SMALL CUSTOMERS (RATES R, G AND OL)

		February	March	April	May	June	July		
Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	2019	2019	2019	2019	2019	2019	Total	Comment
1	Forecasted Small Customer Wholesale Energy Service Load (MWhs)	279,519	279,659	236,084	236,769	264,209	319,801	1,616,040	Attachment FBW-3 Page 1
2	Loss Factor								Company Records
3	Forecasted Small Customer Retail Energy Service Load (MWhs)								Line 1/Line 2
4	Wholesale Contract Price (\$/MWh)								Attachment FBW-2 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$0.14658	\$0.11277	\$0.08786	\$0.07864	\$0.07215	\$0.07631		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		Attachment CJG-2 Page 1
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00275	\$0.00275	\$0.00275	\$0.00275	\$0.00275	\$0.00275		Attachment FBW-4 page 1
8	A&G Adjustment Factor (\$/kWh)	\$0.00098	\$0.00098	\$0.00098	\$0.00098	\$0.00098	\$0.00098		Attachment CJG-1 Page 3
9	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$0.15031	\$0.11650	\$0.09159	\$0.08237	\$0.07588	\$0.08004		Sum of Line 5 through Line 8
10	Forecasted Small Customer Total Energy Service Cost							\$ 149 758 981	Line 3 x Line 10
11	Weighted Average Small Customer Energy Service Rate for the Period February 1, 2019 through July 31, 2019								Line 10/Line 3

# **REDACTED**

Docket No. DE 18-002 Dated December 13, 2018 Attachment CJG-1 Page 2 of 3

#### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY ENERGY SERVICE RATE SETTING FEBRUARY 1, 2019 THOUGH JULY 31, 2019 LARGE CUSTOMERS (RATES LG AND GV)

		February	March	April	May	June	July		
Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	2019	2019	2019	2019	2019	2019	Total	Comment
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	15,394	15,982	15,204	16,430	16,307	18,478	97,795	Attachment FBW-3 Page 1
2	Loss Factor								Company Records
3	Forecasted Large C&I Retail Energy Service Load (MWhs)								Line 1/Line 2
4	Wholesale Contract Price (\$/MWh)								Attachment FBW-2 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$0.16376	\$0.13494	\$0.11381	\$0.10844	\$0.09267	\$0.09734		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		Attachment CJG-2 Page 2
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00275	\$0.00275	\$0.00275	\$0.00275	\$0.00275	\$0.00275		Attachment FBW-4 page 1
8	A&G Adjustment Factor (\$/kWh)	\$0.00098	\$0.00098	\$0.00098	\$0.00098	\$0.00098	\$0.00098		Attachment CJG-1 Page 3
9	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$0.16749	\$0.13867	\$0.11754	\$0.11217	\$0.09640	\$0.10107		Line 5 through Line 8

## PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY FORECASTED ADMINSTRATIVE AND GENERAL EXPENSES **ENERGY SERVICE RATE SETTING FEBRUARY 1, 2019 THOUGH JULY 31, 2019** (\$ in 000's)

Line	Description	F	ebruary 2019	March 2019	April 2019	May 2019	June 2019	July 2019	 Total
1	Internal Company Administrative	\$	24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 142
2	Bad Debt Expense		369	397	298	291	333	408	2,097
3	Company Usage		(115)	(115)	(115)	(115)	(115)	(115)	(689)
4	PUC Assessment		1	1	1	1	1	1	5
5	Other		-	-	-	-	-	-	-
6	Total A&G Expenses	\$	279	\$ 307	\$ 207	\$ 201	\$ 243	\$ 318	\$ 1,556
7	Forecasted Energy Service Sales								1,592,029

Forecasted Energy Service Sales

0.00098

8 A&G Adjustment Factor (\$/kWh)

### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION SMALL CUSTOMERS (RATES R, G, AND OL) APRIL 1, 2018 THROUGH JANUARY 31, 2019 (\$ in 000's)

Lina	Decariation	Balance		April	May	June 2018		July	August	S	eptember	C	October	N	ovember	D	ecember	anuary	Tetal
Line		3/31/2018	-	2018	 2018			2018	 2018		2018		2018		2018		2018	 2019	 Total
1	Energy Service Revenues		\$	16,427	\$ 13,179	\$ 16,553	\$	23,638	\$ 26,177	\$	24,448	\$	20,883	\$	-	\$	-	\$ -	\$ 141,304
2	Energy Expense		\$	16,229	\$ 15,404	\$ 17,237	\$	23,572	\$ 22,469	\$	18,219	\$	18,893	\$	-	\$	-	\$ -	\$ 132,023
3	A&G Expense (CJG-2, Page 3, Line 9)			189	190	213		194	292		242		191		-		-	-	1,510
4	Total Energy Service Expense	-	\$	16,418	\$ 15,593	\$ 17,449	\$	23,766	\$ 22,761	\$	18,461	\$	19,084	\$	-	\$	-	\$ -	\$ 133,534
5	Monthly (Over)/Under Recovery			(8)	2,414	897		129	(3,416)		(5,987)		(1,799)		-		-	-	(7,771)
6	Beginning Monthly Balance			-	(8)	2,406		3,302	3,431		15		(5,971)						
7	Ending Monthly Balance			(8)	2,406	3,302		3,431	15		(5,971)		(7,771)						
8	Average Monthly Balance		\$	(4)	\$ 1,199	\$ 2,854	\$	3,367	\$ 1,723	\$	(2,978)	\$	(6,871)						
9	Less: ADIT			(1)	327	777		917	469		(811)		(1,872)						
10	Net Average Monthly Balance	-	\$	(3)	\$ 872	\$ 2,077	\$	2,450	\$ 1,254	\$		\$	(4,999)						
11	Carrying Charge (Prime Rate)		*	0.40%	0.40%	0.42%	*	0.42%	0.42%	*	0.44%	*	0.44%						
12	Monthly Carrying Charge	-	\$	(0)	3	9	\$	10	\$ 5	\$		\$	(22)	\$	-	\$	-	\$ -	\$ (4)
13	Retail MWH Sales			209,647	208,720	227,321		324,409	302,348		255,273		230,203						
14	(Over)/Under Recovery plus Carrying Charge																		\$ (7,775)

### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION LARGE CUSTOMERS (RATES GV AND LG) APRIL 1, 2018 THROUGH JANUARY 31, 2019 (\$ in 000's)

Line	Description	Balance 3/31/2018		April 2018		May 2018		June 2018	July 2018		August 2018		otember 2018	C	ctober 2018	No	ovember 2018	cember 2018	nuary 2019		Total
		3/3 1/2010	•		Φ.		Φ.			Φ.		-		Φ.		•				Φ.	
1	Energy Service Revenues		\$	2,225	\$	1,069	\$	1,169	\$ 1,739	\$	1,001	\$	1,089	\$	1,355	\$	-	\$ -	\$ -	\$	9,648
2	Energy Expense		\$	1,513	\$	1,203	\$	1,140	\$ 991	\$	1,523	\$	1,502	\$	1,384	\$	-	\$ -	\$ -	\$	9,255
3	A&G Expense (CJG-2, Page 3, Line 10)			21		14		15	14		13		14		13		-	-	-		102
4	Total Energy Service Expense		\$	1,534	\$	1,216	\$	1,155	\$ 1,005	\$	1,536	\$	1,515	\$	1,397	\$	-	\$ -	\$ -	\$	9,358
5	Monthly (Over)/Under Recovery			(691)		147		(14)	(734)		535		426		42		-	-	-		(290)
6	Beginning Monthly Balance			-		(691)		(544)	(558)		(1,292)		(758)		(332)						
7	Ending Monthly Balance			(691)		(544)		(558)	(1,292)		(758)		(332)		(290)						
8	Average Monthly Balance		\$	(346)	\$	(618)	\$	(551)	\$ (925)	\$	(1,025)	\$	(545)	\$	(311)						
9	Less: ADIT			(94)		(168)		(150)	(252)		(279)		(148)		(85)						
10	Net Average Monthly Balance		\$	(252)	\$	(449)	\$	(401)	\$ (673)	\$	(746)	\$	(396)	\$	(226)						
11	Carrying Charge (Prime Rate)			0.40%		0.40%		0.42%	0.42%		0.42%		0.44%		0.44%						
12	Monthly Carrying Charge		\$	(1)	\$	(2)	\$	(2)	\$ (3)	\$	(3)	\$	(2)	\$	(1)	\$	-	\$ -	\$ -	\$	(13)
13	Retail MWH Sales			23,303		15,093		15,908	22,934		13,224		14,255		15,529						
14	(Over)/Under Recovery plus Carrying Cha	arge																		\$	(303)

### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY ADMINSTRATIVE AND GENERAL EXPENSES RECONCILIATION APRIL 1, 2018 THROUGH JANUARY 31, 2019 (\$ in 000's)

Line	Description	April 2018	May 2018	June 2018		July 2018	1	August 2018	Se	eptember 2018	c	October 2018	November 2018		December 2018	anuary 2019	Total
1	Internal Company Administrative	\$ -	\$ 6 \$	6	\$	6	\$	17	\$	16	\$	11	\$ -	9	\$ -	\$ -	\$ 62
2	Bad Debt Expense	324	311	335		315		402		354		307	-		-	-	2,349
3	Company Usage	(115)	(115)	(115	)	(115)		(115)		(115)		(115)	-		-	-	(804)
4	PUC Assessment	1	1	1		1		1		1		1	-		-	-	6
5	Other	-	-	-		-		-		-		-	-		-	-	-
6	Total A&G Expenses	 210	203	228		207		305		256		204	-		-	-	1,613
7	Small Customer Retail MWH Sales Ratio*	90.00%	93.26%	93.46%	)	93.40%		95.81%		94.71%		93.68%					
8	Large Customer Retail MWH Sales Ratio**	10.00%	6.74%	6.54%	)	6.60%		4.19%		5.29%		6.32%					
9 10 11	Small Customer A&G Expenses Large Customer A&G Expenses Total A&G Expenses	\$ 189 21 210	\$ 190 \$ 14 203	213 15 228		194 14 207	\$	292 13 305	\$	242 14 256	\$	191 13 204					

<sup>12 \*</sup> CJG-2, Page 1, Line 13 divided by the sum of CJG-2, Page 1, Line 13 plus CJG-2, Page 2, Line 13.
13 \*\* CJG-2, Page 2, Line 13 divided by the sum of CJG-2, Page 1, Line 13 plus CJG-2, Page 2, Line 13.

## PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY RPS REVENUES AND EXPENSES RECONCILIATION APRIL 1, 2018 THROUGH JANUARY 31, 2019 (\$ in 000's)

Line	Description	Balance 3/31/2018		April 2018		May 2018		June 2018		July 2018		August 2018	S	eptember 2018	(	October 2018	vember 2018	De	cember 2018		anuary 2019		Total
Lille		3/3 1/2010	Φ.		•		_		•		Φ.		Φ.		Φ.				2010	Φ.		Φ.	
1	RPS Revenues		Ъ	1,251	\$	1,202	\$	1,306	\$	1,865	\$	1,164	\$	995	\$	907	\$ -			\$	-	\$	8,690
2	RPS Expense		\$	1,371	\$	1,371	\$	1,371	\$	1,371	\$	941	\$	941	\$	941	\$ -	\$	-	\$	-	\$	8,306
3	Monthly (Over)/Under Recovery			120		169		64		(495)		(223)		(53)		35	-		-		-		(384)
4	Beginning Monthly Balance			_		120		288		353		(142)		(365)		(418)							
5	Ending Monthly Balance			120		288		353		(142)		(365)		(418)		(384)							
6	Average Monthly Balance		\$	60	\$	204	\$	320	\$	105	\$	(254)	\$	(392)	\$	(401)							
7	Less: ADIT			16		56		87		29		(69)		(107)		(109)							
8	Net Average Monthly Balance		\$	44	\$	148	\$	233	\$	77	\$	(185)	\$	(285)	\$	(292)							
9	Carrying Charge (Prime Rate)			0.40%		0.40%		0.42%		0.42%		0.42%		0.44%		0.44%							
10	Monthly Carrying Charge		\$	0	\$	1	\$	1	\$	0	\$	(1)	\$	(1)	\$	(1)	\$ -	\$	-	\$	-	\$	(1)
11	(Over)/Under Recovery plus Carrying Charge																					\$	(385)

### PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY ENERGY SERVICE RATE HYDRO ADJUSTER RECONCILIATION APRIL 1, 2018 THROUGH JANUARY 31, 2019 (Dollars in 000s)

			April 2018	May 2018	3	June 2018		July 2018		August 2018	eptember 2018		ctober 2018	ovember 2018		Decembe 2018		Janu 201	9		
Line	<b>,</b>		Actual	Actu		Actual		Actual		Actual	Actual		Actual	 stimated		Estimated	<u>_t</u>	Estim	ated		Total
1	Hydro Revenues	\$	189	\$	181	\$ 197	\$	281	\$	(88)	\$ (75)	\$	(69)	\$ -	\$	-		\$	-	\$	616
2	Hydro O&M	\$	1,213	\$	945	\$ 203	\$	1,560	\$	1,535	\$ - ;	\$	-	\$	- \$		-	\$	-		5,456
3	Hydro Depreciation		107		107	108		108		87	-		-		-		-		-		517
4	Hydro Property Taxes		(201)		550	844		(189)		383	-		-		-		-		-		1,388
5	Hydro Payroll and Other Taxes		(6)		28	27		20		23	-		-				-		-		91
6	Hydro ARO Amortization		2		2	-		-		-	-		-				-		-		5
7	Return on rate base		400		395	398		398		198	-		-				-		-		1,790
8	Energy Sales		(1,837)		(750)	(350)		(553)		(848)	-		-				-		-		(4,339)
9	ISO-NE ancillary		(4)		(4)	(4)		(4)		(4)	-		-				-		-		(21)
10	Capacity		(427)		427)	(427)		(516)		(380)	-		-				-		-		(2,177)
11	Total Hydro Expenses	\$	(752)	\$	846	\$ 799	\$	823	\$	994	\$ - ;	\$	-	\$	- \$		-	\$	-	\$	2,709
12	Monthly (Over)/Under Recovery	\$	(941)	\$	665	\$ 602	\$	542	\$	1,082	\$ 75	\$	69	\$ -	\$	-		\$	-	\$	2,093
13	Beginning Monthly Balance		_		(941)	(276)		325		867	1,949		2,024								
14	Ending Monthly Balance		(941)		(276)	325		867		1,949	2,024		2,093								
15	Average Monthly Balance	\$	(471)	\$	(609)	\$ 24	\$	596	\$	1,408	\$ 1,987	\$	2,059								
16	Less: ADIT		(128)		(166)	7		162		384	541		561								
17	Net Average Monthly Balance	\$	(342)	\$	(443)	\$ 18	\$	434	\$	1,024	\$ 1.446	\$	1,498								
18	Carrying Charge (Prime Rate)	•	0.40%		.40%	0.42%	•	0.42%	•	0.42%	0.44%	•	0.44%								
19	Monthly Carrying Charge	\$	(1)	\$	(2)	\$ 0	\$	2			\$ 6	\$	7	\$ -	\$	-		\$	_	\$	16
20	, , , ,		,		. ,															•	2.100
20	(Over)/Under Recovery plus Carrying Charge																			Ф	2,109

Docket No. DE 18-002 Dated December 13, 2018 Attachment CJG-3 Page 2 of 2

# PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY ENERGY SERVICE RATE HYDRO ADJUSTER RECONCILIATION APRIL 1, 2018 THROUGH JANUARY 31, 2019 HYDRO RETURN ON RATE BASE (Dollars in 000s)

Lin	e Return on Rate Base	:	April 2018 actual	May 2018 Actual	June 2018 Actual	July 2018 Actual	August 2018 Actual	September 2018 Actual	October 2018 Actual	November 2018 Estimated	December 2018 Estimated	January 2019 Estimated	Total
1	Hydro Net Plant		56,211	56,162	57,155	55,958	-	-	-	-	-	-	
2	Working Capital Allow. (45 days of O&M)		1,614	1,614	1,614	1,614	-	-	-	-	-	-	
3	Mat'ls and Supplies		307	311	150	152	-	-	-	-	-	-	
4	Deferred Taxes		(7,507)	(7,507)	(7,507)	(7,507)	-	-	-	-	-		
5	Total Rate Base (L1 thru L4)		50,625	50,580	51,413	50,217	-	-	-	-	-		
6	Average Rate Base ( prev + curr month)		51,227	50,603	50,997	50,815	25,290	-	-	-	-	-	
7	x Return		0.7807%	0.7807%	0.7807%	0.7838%	0.7838%	-	-	-	-	-	
8	Return (L6 x L7)	\$	400 \$	395	\$ 398	\$ 398	\$ 198	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,790

NHPUC NO. 9 - ELECTRICITY DELIVERY PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY

8<sup>th</sup> Revised Page 90 Superseding 7<sup>th</sup> Revised Page 90 Rate DE

## DEFAULT ENERGY SERVICE RATE DE

## **AVAILABILITY**

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

## RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

## Per Kilowatt-Hour

	February	March	April	May	June	July
	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>	<u>2019</u>
Base Rate	16.376¢	13.494¢	11.381¢	10.844¢	9.267¢	9.734¢
Reconciliation Adjustment	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢
Renewable Portfolio Standard	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢	0.275¢
Administrative & General	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>	<u>0.098¢</u>
Total Rate Per Month	16.749¢	13.867¢	11.754¢	11.217¢	9.640¢	10.107¢

Applicable to all other customers:

February 2019 – July 20	J19
Per Kilowatt-Hour	

Base Rate	9.612¢
Reconciliation Adjustment	0.000¢
Renewable Portfolio Standard	0.275¢
Administrative & General	0.098¢
Total Rate Per Month	9.985¢

December 13, 2018 /s/ William J. Quinlan Issued: William J. Quinlan

President and Chief Operating Officer Effective: February 1, 2019 Title:

NHPUC NO. 9 - ELECTRICITY DELIVERY PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY 7<sup>th</sup>-8<sup>th</sup> Revised Page 90 Superseding 6<sup>th</sup>-7<sup>th</sup> Revised Page 90 Rate DE

## DEFAULT ENERGY SERVICE RATE DE

## **AVAILABILITY**

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

## RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

Per	Kilowatt-Hour
-----	---------------

	August February	September March	October April	November May	December June	January July
	<del>2018</del> 2019	<u>20182019</u>	<del>2018</del> 2019	<del>2018</del> 2019	<del>2018</del> 2019	2019
Base Rate	<del>7.256</del> 16.376¢¢	8.020¢13.494¢	<del>8.725¢</del> 11.381¢	8.439¢10.844¢	<del>9.802¢</del> 9.267¢	<del>11.866¢</del> 9.734¢
Reconciliation Adjustment	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢	0.000¢
Renewable Portfolio Standard	0.369 <u>0.275¢</u> ¢	<del>0.369¢</del> 0.275¢	0.369¢0.275¢	0.369¢0.275¢	0.369¢0.275¢	- <del>0.369¢</del> 0.275¢
Administrative & General	0.114 <u>0.098¢</u> ¢	<u>.0114¢0.098¢</u>	0.114¢0.098¢	0.114¢0.098¢	0.114¢0.098¢	-0.114¢0.098¢
Hydro Adjuster	<u>-0.028¢</u>	<u>-0.028¢</u>	<u>-0.028¢</u>	<u>-0.028¢</u>	<u>-0.028</u> ¢	<u>-0.028¢</u>
Total Rate Per Month	<del>7.711</del> 16.749¢¢	8.475¢13.867¢	9.180¢11.754¢	8.894¢11.217¢	10.257¢9.640¢	<del>12.321¢</del> 10.107¢

## Applicable to all other customers:

August February 2018 2019 - January July 2019

Per Kilowatt-Hour

Base Rate	8.957 <u>9.612</u> ¢
Reconciliation Adjustment	$\overline{0.000}$ ¢
Renewable Portfolio Standard	<del>0.369</del> 0.275¢
Administrative & General	$0.114\overline{0.098}$ ¢
Hydro Adjuster	<u>-0.028</u> ¢
Total Rate Per Month	9.412 <u>9.985</u> ¢

Issued: June 21, 2018 December 13, 2018 Issued by: /s/ William J. Quinlan

William J. Quinlan

Effective: August 1, 2018 February 1, 2019 Title: President and Chief Operating Officer