

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION**

Page Attachment MLS - 1

- 1 TCAM Rate Calculation - July 2015 through June 2016
- 1a TCAM Rate Calculation - Comparison of Forecast to Currently Allowed TCAM
- 2 Forecasted Costs - July 2015 through June 2016
- 3 Actual Costs - January 2014 through June 2014
- 4 Actual Costs - July 2014 through December 2014
- 5 Actual and Forecasted Costs - January 2015 through June 2015
- 6 Actual Revenues - January 2014 through June 2014
- 7 Actual Revenues - July 2014 through December 2014
- 8 Actual and Forecasted Revenues - January 2015 through June 2015

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION**

(Dollars in 000s)

	TCAM Rate Calculation July 2015 Through June 2016	Forecast Summary	Reference: Attachment MLS-1
1			
2			
3	Regional Network Service (RNS)	\$ 130,317	Page 2
4	Scheduling and Dispatch (S&D)	2,142	Page 2
5	Local Network Service (LNS)	6,225	Page 2
6	Reliability	5,424	Page 2
7	Hydro-Quebec Support Costs	4,098	Page 2
8	Return on TCAM Working Capital	2,004	Page 2
9	Revenue Credits	(4,098)	Page 2
10			
11	Total Forecasted Costs	\$ 146,111	
12			
13	Cumulative Estimated (Over) / Under Recovery	(3,427)	Page 5
14			
15	Total Costs	\$ 142,684	
16			
17	Forecasted Retail MWH Sales	7,992,498	Page 2
18			
19	Forecasted TCAM Rate--cents per kWh	1.785	
20			
21			
22			
23	Amounts shown above may not add due to rounding.		

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION**

(Dollars in 000s)

Note: This schedule is provided as an aid to analysis and is not part of the rate calculation

	(A)	(B)	(C)
	Forecast	Currently Allowed (1)	(A)-(B)=(C)
TCAM Rate Calculation	12 mths- 06/2016	12 mths- 06/2015	Delta
1 Comparison of Forecast to Currently Allowed			
2			
3 Regional Network Service (RNS)	\$ 130,317	\$ 122,053	\$ 8,264
4 Scheduling and Dispatch (S&D)	2,142	2,311	(169)
5 Local Network Service (LNS)	6,225	9,444	(3,219)
6 Reliability	5,424	5,460	(36)
7 Hydro-Quebec Support Costs	4,098	4,860	(762)
8 NHPUC Assessment	-	326	(326)
9 Return on TCAM Working Capital	2,004	1,953	51
10 Revenue Credits	(4,098)	(2,600)	(1,498)
11			
12 Sub-total	\$ 146,111	\$ 143,807	\$ 2,304
13			
14 Prior Period (Over) / Under Recovery	(3,427)	(12,311)	8,884
15			
16 Total	\$ 142,684	\$ 131,496	\$ 11,188
17			
18 Retail MWH Sales	7,992,498	8,007,308	
19			
20 TCAM Rate--cents per kWh	1.785	1.642	

21
22 (1) DE 14-134; Order # 25,680 dated June 27, 2014

23
24 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
July 2015 through June 2016

(Dollars in 000s)

		Forecast							
		July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	Six Months July-December Subtotal	
1	Retail Transmission Cost								
2									
3	Regional Network Service (RNS)	11,068	13,720	11,805	9,843	9,703	10,262		66,401
4									
5	Scheduling and Dispatch (S&D)	187	230	193	161	159	168		1,097
6									
7	Local Network Service (LNS)	548	548	148	548	548	548		2,887
8									
9	Reliability	446	446	446	446	446	446		2,674
10									
11	Hydro-Quebec Support Costs	380	380	380	380	380	380		2,277
12									
13	Return on TCAM Working Capital Allowance (1)	171	207	175	154	152	160		1,018
14									
15	(Over) Recovery TCAM, previous TCAM Year	(3,427)	-	-	-	-	-		(3,427)
16									
17	Revenue Credits (2)	(380)	(380)	(380)	(380)	(380)	(380)		(2,277)
18									
19	Retail Transmission Operating Costs	\$ 8,992	\$ 15,151	\$ 12,767	\$ 11,151	\$ 11,007	\$ 11,582	\$	70,651
20									
21	Estimated Retail MWH Sales	741,044	738,382	625,160	621,033	623,220	711,995		4,060,834
22									
23									
24									
25									
26									
27	Retail Transmission Cost							Six Months Jan-June Subtotal	Twelve Months July 15 - June 16 Total
28									
29	Regional Network Service (RNS)	11,304	11,682	11,460	10,688	9,482	9,301	63,917	130,317
30									
31	Scheduling and Dispatch (S&D)	185	191	187	175	155	152	1,045	2,142
32									
33	Local Network Service (LNS)	556	556	556	556	556	556	3,337	6,225
34									
35	Reliability	446	446	465	465	465	465	2,750	5,424
36									
37	Hydro-Quebec Support Costs	303	303	303	303	303	303	1,821	4,098
38									
43	Return on TCAM Working Capital Allowance (1)	173	178	175	165	148	146	985	2,004
44									
45	(Over) Recovery TCAM, previous TCAM Year	-	-	-	-	-	-	-	(3,427)
46									
47	Revenue Credits (2)	(303)	(303)	(303)	(303)	(303)	(303)	(1,821)	(4,098)
48									
49	Retail Transmission Operating Costs	\$ 12,664	\$ 13,053	\$ 12,843	\$ 12,049	\$ 10,806	\$ 10,619	\$ 72,033	\$ 142,684
50									
51	Estimated Retail MWH Sales	726,402	667,765	663,331	595,352	612,655	666,159	3,931,664	7,992,498
52									
53	Note 1 - The return on the working capital allowance is monthly O&M x (45 days/365 days) x 10.9656% (allowed 7.513% incl tax gross-up)								
54									
55	Note 2 - Revenue credits represent Hydro-Quebec (H-Q) revenues associated with the H-Q support contract through June 2016.								
56									
57									
58	Amounts shown above may not add due to rounding.								

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
January - June 2014

(Dollars in 000s)

	Balance	Actual							
	12/31/2013	January	February	March	April	May	June	Total	Reference
	2014	2014	2014	2014	2014	2014	2014		
1 Retail Transmission Costs									
2									
3 Retail Transmission Operating Revenues		\$ (12,497)	\$ (10,316)	\$ (11,862)	\$ (10,148)	\$ (10,159)	\$ (11,151)	\$ (66,133)	MLS-1, Pg 6
4									
5 Regional Network Service (RNS)		10,340	10,104	9,385	9,281	7,597	7,106	53,812	
6									
7 Scheduling and Dispatch		205	200	186	184	150	141	1,066	
8									
9 Local Network Service (LNS) (1)		586	598	577	587	(6,100)	532	(3,221)	
10									
11 Reliability		577	508	503	427	419	490	2,924	
12									
13 Hydro-Quebec Support Costs		491	315	379	332	467	310	2,294	
14									
15 NHPUC Assessment		27	27	27	27	27	27	163	
16									
17 Return on TCAM Working Capital Allowance (2)		165	159	149	147	35	116	771	
18									
19 Revenue Credits (3)		(601)	(612)	(602)	(602)	(602)	(709)	(3,728)	
20									
21 Retail Transmission Operating Costs		\$ 11,791	\$ 11,299	\$ 10,604	\$ 10,382	\$ 1,993	\$ 8,013	\$ 54,082	
22									
23 (Over) / Under-Recovery		\$ (706)	\$ 984	\$ (1,258)	\$ 234	\$ (8,166)	\$ (3,139)	\$ (12,051)	
24									
25 Cumulative (Over) / Under-Recovery		\$ (386)	\$ (1,092)	\$ (109)	\$ (1,367)	\$ (1,133)	\$ (9,298)	\$ (12,437)	
26									
27 Calculation of Return/Deferral									
28									
29 Average Balance		(739)	(600)	(738)	(1,250)	(5,216)	(10,868)		
30									
31 Deferred tax calculation--									
32 Deferred tax rate		40.525%	40.525%	40.525%	40.525%	40.525%	40.525%		
33									
34 ADIT on the average balance		\$ 299	\$ 243	\$ 299	\$ 507	\$ 2,114	\$ 4,404		
35									
36 Average Balance, Net of ADIT		\$ (440)	\$ (357)	\$ (439)	\$ (743)	\$ (3,102)	\$ (6,464)		
37									
38 x Return at Prime Rate		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%		
39									
40 Return-Monthly		\$ (1)	\$ (1)	\$ (1)	\$ (2)	\$ (8)	\$ (18)	\$ (31)	
41									
42 Cumulative Return		\$ (1)	\$ (2)	\$ (3)	\$ (5)	\$ (14)	\$ (31)		
43									
44 Cumulative (Over) / Under Recovery, Including Return		\$ (1,093)	\$ (111)	\$ (1,370)	\$ (1,138)	\$ (9,312)	\$ (12,468)		
45									
46 Note 1--May 2014 LNS includes a \$6.7M credit for the FY 2013 Schedule 21 true-up.									
47									
48 Note 2-- The return on the working capital allowance is monthly O&M x (45 days/365 days) x 10.9656% (allowed 7.513% incl tax gross-up)									
49									
50 Note 3-- Revenue credits include Hydro-Quebec revenues, ISO-NE reliability credits, and NOATT Schedule 2 revenues.									
51									
52 Amounts shown above may not add due to rounding.									

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
July - December 2014

(Dollars in 000s)

		Actual							
	Balance 06/30/2014	July 2014	August 2014	September 2014	October 2014	November 2014	December 2014	Total	Reference
1 Retail Transmission Costs									
2									
3 Retail Transmission Operating Revenues		\$ (12,208)	\$ (11,156)	\$ (10,573)	\$ (10,193)	\$ (10,155)	\$ (11,266)	\$ (65,551)	MLS-1, Pg 7
4									
5 Regional Network Service (RNS)		11,037	12,201	11,014	10,520	8,345	8,487	61,603	
6									
7 Scheduling and Dispatch		208	230	208	199	158	170	1,173	
8									
9 Local Network Service (LNS)		376	697	1,183	1,177	1,308	1,232	5,973	
10									
11 Reliability		356	433	466	419	400	394	2,468	
12									
13 Hydro-Quebec Support Costs		647	(0)	394	354	435	331	2,160	
14									
15 NHPUC Assessment		0	0	0	0	0	0	0	
16									
17 Return on TCAM Working Capital (1)		171	183	179	171	144	143	992	
18									
19 Revenue Credits (2)		(433)	(433)	(433)	(433)	(433)	(433)	(2,600)	
20									
21 Retail Transmission Operating Costs		\$ 12,362	\$ 13,311	\$ 13,010	\$ 12,406	\$ 10,357	\$ 10,324	\$ 71,770	
22									
23 (Over) / Under-Recovery		\$ 154	\$ 2,154	\$ 2,437	\$ 2,213	\$ 202	\$ (942)	\$ 6,219	
24									
25 Cumulative (Over) / Under-Recovery		\$ (12,468)	\$ (12,315)	\$ (10,160)	\$ (7,723)	\$ (5,510)	\$ (6,249)		
26									
27 Calculation of Return/Deferral									
28									
29 Average Balance		(12,392)	(11,237)	(8,942)	(6,616)	(5,409)	(5,779)		
30									
31 Deferred tax calculation--									
32 Deferred tax rate		40.525%	40.525%	40.525%	40.525%	40.525%	40.525%		
33									
34 ADIT on the average balance		\$ 5,022	\$ 4,554	\$ 3,624	\$ 2,681	\$ 2,192	\$ 2,342		
35									
36 Average Balance, Net of ADIT		\$ (7,370)	\$ (6,683)	\$ (5,318)	\$ (3,935)	\$ (3,217)	\$ (3,437)		
37									
38 x Return at Prime Rate		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%		
39									
40 Return-Monthly		\$ (20)	\$ (18)	\$ (14)	\$ (11)	\$ (9)	\$ (9)	\$ (81)	
41									
42 Cumulative Return		\$ (20)	\$ (38)	\$ (52)	\$ (63)	\$ (72)	\$ (81)		
43									
44 Cumulative (Over) / Under Recovery, Including Return		\$ (12,335)	\$ (10,198)	\$ (7,775)	\$ (5,573)	\$ (5,380)	\$ (6,331)		
45									
46 Note 1-- The return on the working capital allowance is monthly O&M x (45 days/365 days) x 10.9656% (allowed 7.513% incl tax gross-up)									
47									
48 Note 2-- Revenue credits include Hydro-Quebec revenues.									
49									
50 Amounts shown above may not add due to rounding.									

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
January - June 2015

(Dollars in 000s)

	Balance 12/31/2014	Actual				Forecast		Total	Reference
	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015			
1 Retail Transmission Costs									
2									
3 Retail Transmission Operating Revenues	\$ (11,679)	\$ (10,517)	\$ (11,228)	\$ (9,425)	\$ (9,966)	\$ (10,828)	\$ (63,642)	MLS-1, Pg 8	
4									
5 Regional Network Service (RNS)	9,318	8,368	9,821	8,843	8,058	7,823	52,231		
6									
7 Scheduling and Dispatch (S&D)	163	176	181	169	152	155	997		
8									
9 Local Network Service (LNS) (1)	929	901	1,002	1,069	5,325	548	9,773		
10									
11 Reliability	442	457	451	485	409	446	2,689		
12									
13 Hydro-Quebec Support Costs	361	372	356	271	403	368	2,131		
14									
15 Return on TCAM Working Capital (2)	152	139	160	146	194	126	917		
16									
17 Revenue Credits (3)	(366)	(372)	(357)	(271)	(403)	(368)	(2,137)		
18									
19 Retail Transmission Operating Costs	\$ 10,999	\$ 10,041	\$ 11,614	\$ 10,711	\$ 14,137	\$ 9,098	\$ 66,600		
20									
21 (Over) / Under-Recovery	\$ (680)	\$ (476)	\$ 386	\$ 1,286	\$ 4,171	\$ (1,730)	\$ 2,958		
22									
23 Cumulative (Over) / Under-Recovery	\$ (6,331)	\$ (7,010)	\$ (7,486)	\$ (7,100)	\$ (5,814)	\$ (1,643)	\$ (3,373)		
24									
25 Calculation of Return/Deferral									
26									
27 Average Balance	(6,671)	(7,248)	(7,293)	(6,457)	(3,728)	(2,508)			
28									
29 Deferred tax calculation--									
30 Deferred tax rate	40.525%	40.525%	40.525%	40.525%	40.525%	40.525%			
31									
32 ADIT on the average balance	\$ 2,703	\$ 2,937	\$ 2,955	\$ 2,617	\$ 1,511	\$ 1,016			
33									
34 Average Balance, Net of Accum. Def. Income Taxes	\$ (3,967)	\$ (4,311)	\$ (4,337)	\$ (3,840)	\$ (2,217)	\$ (1,491)			
35									
36 x Return at Prime Rate	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%			
37									
38 Return-Monthly	\$ (11)	\$ (12)	\$ (12)	\$ (10)	\$ (6)	\$ (4)	\$ (55)		
39									
40 Cumulative Return	\$ (11)	\$ (22)	\$ (34)	\$ (45)	\$ (51)	\$ (55)			
41									
42 Cumulative (Over) / Under Recovery, Including Return	\$ (7,021)	\$ (7,509)	\$ (7,134)	\$ (5,859)	\$ (1,693)	\$ (3,427)			
43									
44 Note 1--May 2015 LNS includes a \$4.3 M charge for the FY 2014 Schedule 21 true-up.									
45									
46 Note 2-- The return on the working capital allowance is monthly O&M x (45 days/365 days) x 10.9656% (allowed 7.513% incl tax gross-up)									
47									
48 Note 3-- Revenue credits include Hydro-Quebec revenues.									
49									
50 Amounts shown above may not add due to rounding.									

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January - June 2014

(Dollars in 000s)

	Actual						Total
	January 2014	February 2014	March 2014	April 2014	May 2014	June 2014	
1 Retail Transmission Revenues							
2							
3 Transmission Revenue - Billed	\$ (12,301)	\$ (12,012)	\$ (11,059)	\$ (10,545)	\$ (10,116)	\$ (10,432)	\$ (66,466)
4							
5 Transmission Revenue - Unbilled	\$ (196)	\$ 1,696	\$ (803)	\$ 397	\$ (42)	\$ (719)	333
6							
7 Total	<u>\$ (12,497)</u>	<u>\$ (10,316)</u>	<u>\$ (11,862)</u>	<u>\$ (10,148)</u>	<u>\$ (10,159)</u>	<u>\$ (11,151)</u>	<u>\$ (66,133)</u>

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9
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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
July - December 2014

(Dollars in 000s)

	Actual						Total
	July 2014	August 2014	September 2014	October 2014	November 2014	December 2014	
1 Retail Transmission Revenues							
2							
3 Transmission Revenue - Billed	\$ (12,042)	\$ (11,630)	\$ (11,224)	\$ (9,997)	\$ (9,961)	\$ (10,919)	\$ (65,773)
4							
5 Transmission Revenue - Unbilled	\$ (166)	\$ 474	\$ 651	\$ (196)	\$ (193)	\$ (347)	221
6							
7 Total	<u>\$ (12,208)</u>	<u>\$ (11,156)</u>	<u>\$ (10,573)</u>	<u>\$ (10,193)</u>	<u>\$ (10,155)</u>	<u>\$ (11,266)</u>	<u>\$ (65,551)</u>
8							

9
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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
January - June 2015

(Dollars in 000s)

	Actual				Forecast		Total
	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015	
1 Retail Transmission Revenues							
2							
3 Transmission Revenue - Billed	\$ (11,643)	\$ (11,090)	\$ (11,069)	\$ (10,142)	\$ (9,966)	\$ (10,828)	\$ (64,738)
4							
5 Transmission Revenue - Unbilled	\$ (36)	\$ 573	\$ (159)	\$ 717	\$ -	\$ -	1,096
6							
7 Total	<u>\$ (11,679)</u>	<u>\$ (10,517)</u>	<u>\$ (11,228)</u>	<u>\$ (9,425)</u>	<u>\$ (9,966)</u>	<u>\$ (10,828)</u>	<u>\$ (63,642)</u>

8
9
10 Amounts shown above may not add due to rounding.