

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

Page Attachment CJG - 1

- 1 TCAM Rate Calculation - August 2018 through July 2019
- 1a TCAM Rate Calculation - Comparison of Forecast to Currently Allowed TCAM
- 2 Forecasted Costs - August 2018 through July 2019
- 3 Actual Costs - January 2017 through June 2017
- 4 Actual Costs - July 2017 through December 2017
- 5 Actual and Forecasted Costs - January 2018 through July 2018
- 6 Actual Revenues - January 2017 through June 2017
- 7 Actual Revenues - July 2017 through December 2017
- 8 Actual and Forecasted Revenues - January 2018 through July 2018

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

(Dollars in 000s)

1	TCAM Rate Calculation	Forecast	Reference:
2	August 2018 Through July 2019	Summary	Attachment CJG-1
3	Regional Network Service (RNS)	\$ 149,638	Page 2
4	Scheduling and Dispatch (S&D)	2,135	Page 2
5	Local Network Service (LNS)	13,277	Page 2
6	Reliability	5,007	Page 2
7	Hydro-Quebec Interconnection Capacity Credits	(11,919)	Page 2
8	Hydro-Quebec Support Costs	4,071	Page 2
9	Return on TCAM Working Capital	(744)	Page 2
10	Revenue Credits	<u>(4,071)</u>	Page 2
11			
12	Total Forecasted Costs	\$ 157,393	
13			
14	Cumulative Estimated (Over) / Under Recovery	<u>(11,326)</u>	Page 5
15			
16	Total Costs	\$ 146,067	
17			
18	Forecasted Retail MWH Sales	<u>7,835,180</u>	Page 2
19			
20	Forecasted TCAM Rate--cents per kWh	<u><u>1.864</u></u>	
21			
22			
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**

(Dollars in 000s)

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

	(A)	(B)	(C)
TCAM Rate Calculation	Forecast	Currently Allowed (1)	(A)-(B)=(C)
	12 mths- 07/2019	12 mths- 06/2018	Delta
1 <u>Comparison of Forecast to Currently Allowed</u>			
2			
3 Regional Network Service (RNS)	\$ 149,638	\$ 153,317	\$ (3,679)
4 Scheduling and Dispatch (S&D)	2,135	2,479	(344)
5 Local Network Service (LNS)	13,277	14,966	(1,689)
6 Reliability	5,007	5,504	(498)
7 Hydro-Quebec Interconnection Capacity Credits	(11,919)	-	(11,919)
8 Hydro-Quebec Support Costs	4,071	3,845	225
9 Return on TCAM Working Capital	(744)	818	(1,562)
10 Revenue Credits	<u>(4,071)</u>	<u>(3,845)</u>	<u>(225)</u>
11			
12 Sub-total	\$ 157,393	\$ 177,084	\$ (19,691)
13			
14 Prior Period (Over) / Under Recovery	<u>(11,326)</u>	<u>4,349</u>	<u>(15,675)</u>
15			
16 Total	\$ 146,067	\$ 181,433	\$ (35,366)
17			
18 Retail MWH Sales	<u>7,835,180</u>	<u>7,828,560</u>	
19			
20 TCAM Rate--cents per kWh	<u>1.864</u>	<u>2.318</u>	
21			

22 (1) DE 17-081; Order # 26,031 dated June 28, 2017

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
August 2018 through July 2019

(Dollars in 000s)

		Forecast						Six Months	
		August	September	October	November	December	January	August-January	
		2018	2018	2018	2018	2018	2019	Subtotal	
1	Retail Transmission Cost								
2									
3	Regional Network Service (RNS)	15,911	14,724	13,555	10,518	11,503	12,718	78,928	
4									
5	Scheduling and Dispatch (S&D)	227	210	193	150	164	182	1,126	
6									
7	Local Network Service (LNS)	701	701	701	701	701	1,396	4,901	
8									
9	Reliability	412	412	412	412	412	416	2,477	
10									
11	Hydro-Quebec Interconnection Capacity Credits	(1,053)	(1,051)	(1,050)	(1,050)	(1,049)	(1,047)	(6,300)	
12									
13	Hydro-Quebec Support Costs	339	339	339	339	339	340	2,033	
14									
15	Return on TCAM Working Capital Allowance (1)	(81)	(74)	(68)	(52)	(58)	(63)	(396)	
16									
17	(Over) Recovery TCAM, previous TCAM Year	(11,326)	-	-	-	-	-	(11,326)	
18									
19	Revenue Credits (2)	(339)	(339)	(339)	(339)	(339)	(340)	(2,033)	
20									
21	Retail Transmission Operating Costs	\$ 4,791	\$ 14,921	\$ 13,743	\$ 10,679	\$ 11,674	\$ 13,601	\$ 69,409	
22									
23	Estimated Retail MWH Sales	728,243	613,972	621,188	614,641	694,243	713,982	3,986,269	
24									
25									
26									
27									
28									
29	Retail Transmission Cost								
30									
31	Regional Network Service (RNS)	12,276	11,871	11,273	9,782	11,558	13,951	70,710	149,638
32									
33	Scheduling and Dispatch (S&D)	175	169	161	140	165	199	1,009	2,135
34									
35	Local Network Service (LNS)	1,396	1,396	1,396	1,396	1,396	1,396	8,376	13,277
36									
37	Reliability	412	424	424	424	424	424	2,530	5,007
38									
39	Hydro-Quebec Interconnection Capacity Credits	(1,046)	(1,045)	(1,043)	(1,042)	(721)	(721)	(5,619)	(11,919)
40									
41	Hydro-Quebec Support Costs	340	340	340	340	340	340	2,037	4,071
42									
43	Return on TCAM Working Capital Allowance (1)	(61)	(58)	(55)	(48)	(57)	(69)	(348)	(744)
44									
45	(Over) Recovery TCAM, previous TCAM Year	-	-	-	-	-	-	-	(11,326)
46									
47	Revenue Credits (2)	(340)	(340)	(340)	(340)	(340)	(340)	(2,037)	(4,071)
48									
49	Retail Transmission Operating Costs	\$ 13,152	\$ 12,757	\$ 12,154	\$ 10,652	\$ 12,764	\$ 15,179	\$ 76,658	\$ 146,067
50									
51	Estimated Retail MWH Sales	632,725	649,381	583,424	603,529	647,459	732,393	3,848,911	7,835,180
52									
53	Note 1 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis Attachment C/JG-2.								
54									
55	Note 2 - Revenue credits represent Hydro-Quebec (H-Q) revenues associated with the H-Q support contract through July 2019.								
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 2017

(Dollars in 000s)

	Balance 12/31/2016	Actual					June 2017	Total	Reference
		January 2017	February 2017	March 2017	April 2017	May 2017			
1 Retail Transmission Costs									
2									
3 Retail Transmission Operating Revenues		\$ (15,362)	\$ (13,602)	\$ (14,642)	\$ (12,106)	\$ (14,132)	\$ (14,733)	\$ (84,577)	CJG-1, Pg 6
4									
5 Regional Network Service (RNS)		10,834	11,492	10,803	10,214	10,060	11,401	64,804	
6									
7 Scheduling and Dispatch		187	198	184	176	173	197	1,115	
8									
9 Local Network Service (LNS) (1)		847	892	908	2,939	7,040	1,309	13,935	
10									
11 Reliability		443	448	450	471	507	639	2,957	
12									
13 Hydro-Quebec Support Costs		269	305	252	244	507	289	1,867	
14									
15 Return on TCAM Working Capital Allowance (2)		170	180	170	190	247	187	1,145	
16									
17 Revenue Credits (3)		(269)	(306)	(252)	(244)	(507)	(289)	(1,867)	
18									
19 Retail Transmission Operating Costs		\$ 12,481	\$ 13,210	\$ 12,515	\$ 13,989	\$ 18,029	\$ 13,733	\$ 83,956	
20									
21 (Over) / Under-Recovery		\$ (2,881)	\$ (392)	\$ (2,127)	\$ 1,882	\$ 3,897	\$ (1,001)	\$ (621)	
22									
23 Cumulative (Over) / Under-Recovery		\$ 5,767	\$ 2,886	\$ 2,495	\$ 368	\$ 2,250	\$ 6,147	\$ 5,146	
24									
25 Calculation of Return/Deferral									
26									
27 Average Balance		4,327	2,690	1,431	1,309	4,199	5,646		
28									
29 Deferred tax calculation--									
30 Deferred tax rate		40.330%	40.330%	40.330%	40.330%	40.330%	40.330%		
31									
32 ADIT on the average balance		\$ (1,745)	\$ (1,085)	\$ (577)	\$ (528)	\$ (1,693)	\$ (2,277)		
33									
34 Average Balance, Net of ADIT		\$ 2,582	\$ 1,605	\$ 854	\$ 781	\$ 2,505	\$ 3,369		
35									
36 x Return at Prime Rate		0.3125%	0.3125%	0.3333%	0.3333%	0.3333%	0.3542%		
37									
38 Return-Monthly		\$ 8	\$ 5	\$ 3	\$ 3	\$ 8	\$ 12	\$ 39	
39									
40 Cumulative Return		\$ 8	\$ 13	\$ 16	\$ 19	\$ 27	\$ 39		
41									
42 Cumulative (Over) / Under Recovery, Including Return		\$ 2,894	\$ 2,508	\$ 384	\$ 2,269	\$ 6,174	\$ 5,185		
43									

44 Note 1--May 2017 LNS includes a \$6.1M charge for the FY 2016 Schedule 21 true-up.

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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.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
July - December 2017

(Dollars in 000s)

	Actual							Total	Reference
	Balance 06/30/2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017		
1 Retail Transmission Costs									
2									
3 Retail Transmission Operating Revenues		\$ (16,132)	\$ (16,405)	\$ (15,018)	\$ (14,614)	\$ (14,892)	\$ (16,359)	\$ (93,420)	CJG-1, Pg 7
4									
5 Regional Network Service (RNS)		14,327	13,669	13,877	13,175	10,702	10,965	76,715	
6									
7 Scheduling and Dispatch		231	221	224	213	173	177	1,238	
8									
9 Local Network Service (LNS)		1,300	1,208	1,101	1,091	1,228	1,336	7,264	
10									
11 Reliability		446	473	366	462	454	402	2,604	
12									
13 Hydro-Quebec Support Costs		293	299	318	324	218	59	1,511	
14									
15 Return on TCAM Working Capital (1)		(83)	(79)	(80)	(76)	(62)	(66)	(447)	
16									
17 Revenue Credits (2)		(293)	(299)	(318)	(324)	(218)	(59)	(1,511)	
18									
19 Retail Transmission Operating Costs		\$ 16,221	\$ 15,491	\$ 15,488	\$ 14,865	\$ 12,495	\$ 12,815	\$ 87,374	
20									
21 (Over) / Under-Recovery		\$ 89	\$ (914)	\$ 470	\$ 251	\$ (2,397)	\$ (3,544)	\$ (6,046)	
22									
23 Cumulative (Over) / Under-Recovery		\$ 5,185	\$ 5,274	\$ 4,360	\$ 4,830	\$ 5,080	\$ 2,683	\$ (861)	
24									
25 Calculation of Return/Deferral									
26									
27 Average Balance		5,230	4,817	4,595	4,955	3,882	911		
28									
29 Deferred tax calculation--									
30 Deferred tax rate		40.330%	40.330%	40.330%	40.330%	40.330%	40.330%		
31									
32 ADIT on the average balance		\$ (2,109)	\$ (1,943)	\$ (1,853)	\$ (1,998)	\$ (1,565)	\$ (367)		
33									
34 Average Balance, Net of ADIT		\$ 3,120	\$ 2,874	\$ 2,742	\$ 2,957	\$ 2,316	\$ 544		
35									
36 x Return at Prime Rate		0.3542%	0.3542%	0.3542%	0.3542%	0.3542%	0.3750%		
37									
38 Return-Monthly		\$ 11	\$ 10	\$ 10	\$ 10	\$ 8	\$ 2	\$ 52	
39									
40 Cumulative Return		\$ 11	\$ 21	\$ 31	\$ 41	\$ 50	\$ 52		
41									
42 Cumulative (Over) / Under Recovery, Including Return		\$ 5,285	\$ 4,381	\$ 4,861	\$ 5,122	\$ 2,733	\$ (809)		
43									

44 Note 1 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis Attachment CJG-3.

45

46 Note 2-- Revenue credits include Hydro-Quebec revenues.

47

48 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 - July 2018

(Dollars in 000s)

	Balance 12/31/2017	Actual					Forecast		Total	Reference
		January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018		
1 Retail Transmission Costs										
2										
3 Retail Transmission Operating Revenues		\$ (16,356)	\$ (13,920)	\$ (14,886)	\$ (12,958)	\$ (14,969)	\$ (14,923)	\$ (16,901)	\$ (104,913)	CJK-1, Pg 8
4										
5 Regional Network Service (RNS)		12,838	12,308	11,434	10,718	9,869	12,091	14,448	83,706	
6										
7 Scheduling and Dispatch (S&D)		207	199	185	173	159	195	206	1,324	
8										
9 Local Network Service (LNS) (1)		728	670	646	713	800	6,641	701	10,899	
10										
11 Reliability		416	454	431	419	408	389	412	2,929	
12										
13 Hydro-Quebec Interconnection Capacity Credits		-	-	-	(904)	(903)	(1,055)	(1,054)	(3,917)	
14										
15 Hydro-Quebec Support Costs		294	266	306	311	311	313	339	2,140	
16										
17 Return on TCAM Working Capital (2)		(64)	(62)	(57)	(53)	(49)	(50)	(72)	(408)	
18										
19 Revenue Credits (3)		(294)	(266)	(306)	(311)	(311)	(313)	(339)	(2,140)	
20										
21 Retail Transmission Operating Costs		\$ 14,125	\$ 13,568	\$ 12,638	\$ 11,066	\$ 10,284	\$ 18,211	\$ 14,640	\$ 94,533	
22										
23 (Over) / Under-Recovery		\$ (2,231)	\$ (352)	\$ (2,248)	\$ (1,892)	\$ (4,684)	\$ 3,287	\$ (2,261)	\$ (10,380)	
24										
25 Cumulative (Over) / Under-Recovery		\$ (809)	\$ (3,040)	\$ (3,392)	\$ (5,640)	\$ (7,532)	\$ (12,216)	\$ (8,929)	\$ (11,189)	
26										
27 Calculation of Return/Deferral										
28										
29 Average Balance		(1,925)	(3,216)	(4,516)	(6,586)	(9,874)	(10,572)	(10,059)		
30										
31 Deferred tax calculation--										
32 Deferred tax rate		27.241%	27.241%	27.241%	27.241%	27.241%	27.241%	27.241%		
33										
34 ADIT on the average balance		\$ 524	\$ 876	\$ 1,230	\$ 1,794	\$ 2,690	\$ 2,880	\$ 2,740		
35										
36 Average Balance, Net of Accum. Def. Income Taxes		\$ (1,401)	\$ (2,340)	\$ (3,286)	\$ (4,792)	\$ (7,184)	\$ (7,692)	\$ (7,319)		
37										
38 x Return at Prime Rate		0.3750%	0.3750%	0.3958%	0.3958%	0.3958%	0.4167%	0.4167%		
39										
40 Return-Monthly		\$ (5)	\$ (9)	\$ (13)	\$ (19)	\$ (28)	\$ (32)	\$ (30)	\$ (137)	
41										
42 Cumulative Return		\$ (5)	\$ (14)	\$ (27)	\$ (46)	\$ (74)	\$ (106)	\$ (137)		
43										
44 Cumulative (Over) / Under Recovery, Including Return		\$ (3,046)	\$ (3,406)	\$ (5,667)	\$ (7,578)	\$ (12,291)	\$ (9,035)	\$ (11,326)		
45										

46 Note 1--June 2018 LNS includes a \$5.9M charge for the FY 2017 Schedule 21 true-up.

47 Note 2 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis Attachment CJK-3.

48 Note 3-- Revenue credits include Hydro-Quebec revenues.

49 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 2017

(Dollars in 000s)

		Actual						
		January	February	March	April	May	June	Total
		2017	2017	2017	2017	2017	2017	
1	Retail Transmission Revenues							
2								
3	Transmission Revenue - Billed	\$ (15,544)	\$ (13,733)	\$ (14,001)	\$ (13,504)	\$ (12,934)	\$ (14,361)	\$ (84,077)
4								
5	Transmission Revenue - Unbilled	\$ 182	\$ 132	\$ (640)	\$ 1,397	\$ (1,198)	\$ (373)	(500)
6								
7	Total	<u>\$ (15,362)</u>	<u>\$ (13,602)</u>	<u>\$ (14,642)</u>	<u>\$ (12,106)</u>	<u>\$ (14,132)</u>	<u>\$ (14,733)</u>	<u>\$ (84,577)</u>
8								
9								

10 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 2017**

(Dollars in 000s)

		Actual						
		July	August	September	October	November	December	Total
1 Retail Transmission Revenues		2017	2017	2017	2017	2017	2017	
3	Transmission Revenue - Billed	\$ (15,923)	\$ (16,451)	\$ (15,971)	\$ (14,982)	\$ (13,720)	\$ (14,747)	\$ (91,792)
4								
5	Transmission Revenue - Unbilled	\$ (209)	\$ 46	\$ 953	\$ 367	\$ (1,172)	\$ (1,612)	(1,628)
6								
7	Total	\$ (16,132)	\$ (16,405)	\$ (15,018)	\$ (14,614)	\$ (14,892)	\$ (16,359)	\$ (93,420)

8
9
10 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 - July 2018

(Dollars in 000s)

	Actual					Forecast		Total
	January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018	
1 Retail Transmission Revenues								
2								
3 Transmission Revenue - Billed	\$ (17,274)	\$ (15,398)	\$ (14,482)	\$ (14,427)	\$ (13,307)	\$ (14,923)	\$ (16,901)	\$ (106,712)
4								
5 Transmission Revenue - Unbilled	\$ 919	\$ 1,478	\$ (404)	\$ 1,468	\$ (1,662)	\$ -	\$ -	1,800
6								
7 Total	\$ (16,356)	\$ (13,920)	\$ (14,886)	\$ (12,958)	\$ (14,969)	\$ (14,923)	\$ (16,901)	\$ (104,913)
8								
9								

10 Amounts shown above may not add due to rounding.

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
For the 12 Months Ending July 31, 2019
Monthly Working Capital Allowance Calculation
(\$ in 000s)

Line	Retail Transmission Cost	Aug 2018	Sept 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2018	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug-Jul Total	Source
1	Regional Network Service (RNS)	15,911	14,724	13,555	10,518	11,503	12,718	12,276	11,871	11,273	9,782	11,558	13,951	149,638	Attachment CJG-1 Page 2 Line 3 & 31 Page 2, Line 1
2	(RNS) Working Capital Allowance Percent	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%		
3	Scheduling and Dispatch (\$&D)	227	210	193	150	164	182	175	169	161	140	165	199	2,135	Attachment CJG-1 Page 2 Line 5 & 33 Page 2, Line 2
4	(\$&D) Working Capital Allowance Percent	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%	-5.49%		
5	Local Network Service (LNS)	701	701	701	701	701	1,396	1,396	1,396	1,396	1,396	1,396	1,396	13,277	Attachment CJG-1 Page 2 Line 7 & 35 Page 2, Line 3
6	(LNS) Working Capital Allowance Percent	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%		
7	Reliability	412	412	412	412	412	416	412	424	424	424	424	424	5,007	Attachment CJG-1 Page 2 Line 9 & 37 Page 2, Line 4
8	(Reliability) Working Capital Allowance Percent	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%	-5.50%		
9	Hydro-Quebec Support Costs	339	339	339	339	339	340	340	340	340	340	340	340	4,071	Attachment CJG-1 Page 2 Line 13 & 41 Page 2, Line 5
10	(HQ Support Costs) Working Capital Allowance Percent	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%	11.95%		
11	Monthly Working Capital Allowance	(857)	(791)	(726)	(557)	(612)	(668)	(643)	(621)	(588)	(505)	(604)	(737)	(7,909)	Line 1*Line 2 + Line 3*Line 4 + Line 5*Line 6 + Line 7*Line 8 + Line 9*Line 10
12	Rate of Return	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%		Authorized Return per DE 09-035 including tax gross up
13	Monthly Return on Working Capital	<u>\$ (81)</u>	<u>\$ (74)</u>	<u>\$ (68)</u>	<u>\$ (52)</u>	<u>\$ (58)</u>	<u>\$ (63)</u>	<u>\$ (61)</u>	<u>\$ (58)</u>	<u>\$ (55)</u>	<u>\$ (48)</u>	<u>\$ (57)</u>	<u>\$ (69)</u>	<u>(744)</u>	Line 11*Line 12

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017

Line	Components	Revenue Lag days (A)	Cost Lead Days (B)	Net Lag Days (C) = (A) - (B)	Net Lag % (D) = (C) / 365	Total Expense (E)	Cash WC Requirement (F) = (D) x (E)
1	RNS	43.5	63.5	(20.0)	-5.49%	141,519,215	(7,770,219)
2	S&D	43.5	63.5	(20.0)	-5.49%	2,353,328	(129,243)
3	LNS	43.5	37.6	5.8	1.60%	21,198,791	339,336
4	Reliability	43.5	63.5	(20.1)	-5.50%	5,560,930	(305,687)
5	HQ Expense	43.5	(0.2)	43.6	11.95%	3,378,122	403,819
6	<u>Total / Average</u>	43.5	59.1	(15.7)	-4.29%	174,010,386	(7,461,994)

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
Revenue Lag

Line	Components	Total	Reference
1	Average Accounts Receivable Balance	\$ 13,547,671	Page 4, Line 14
2	Annual Transmission Revenue	\$ 181,375,475	Attachment CJG-1, Page 3 (Line 3 + 17) + Page 4 (Line 3 + Line 17)
3	Average daily revenue	\$ 496,919	Line 2 / 365
4	Collection lag (days)	27.3	Line 1/ Line 3
5	Meter reading lag	15.2	(365/12)/2
6	Billing lag	<u>1.0</u>	
7	Retail revenue lag (days)	<u><u>43.5</u></u>	Sum of (Line 4 through Line 6)

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
Monthly Accounts Receivable Balances

Line	Date	AR Balance
1	January 2017	\$ 13,528,989
2	February 2017	14,709,259
3	March 2017	13,121,474
4	April 2017	13,994,027
5	May 2017	12,387,502
6	June 2017	13,351,001
7	July 2017	14,316,990
8	August 2017	14,056,390
9	September 2017	15,040,150
10	October 2017	14,214,032
11	November 2017	10,624,055
12	December 2017	13,228,188
13	Total	<u>\$ 162,572,057</u>
14	Average	<u><u>\$ 13,547,671</u></u>

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
RNS

Line	Month	Beginning of	End of	Midpoint of	Payment Date	Lead	Payment	Dollar
		Service Period	Service Period	Service Period		Days	Amount	Weighted Days
		(A)	(B)	(C)	(D)	(E) = (D)-(C)	(F)	(G) = (E)*(F)
1	January	12/01/2016	12/31/2016	12/16/2016	02/17/2017	63.0	\$ 10,834,125	\$ 682,549,875
2	February	01/01/2017	01/31/2017	01/16/2017	03/17/2017	60.0	11,491,653	689,499,180
3	March	02/01/2017	02/28/2017	02/14/2017	04/24/2017	68.5	10,803,156	740,016,186
4	April	03/01/2017	03/31/2017	03/16/2017	05/19/2017	64.0	10,213,730	653,678,720
5	May	04/01/2017	04/30/2017	04/15/2017	06/16/2017	61.5	10,060,484	618,719,766
6	June	05/01/2017	05/31/2017	05/16/2017	07/21/2017	66.0	11,400,747	752,449,302
7	July	06/01/2017	06/30/2017	06/15/2017	08/18/2017	63.5	14,326,895	909,757,833
8	August	07/01/2017	07/31/2017	07/16/2017	09/15/2017	61.0	13,669,214	833,822,054
9	September	08/01/2017	08/31/2017	08/16/2017	10/20/2017	65.0	13,877,008	902,005,520
10	October	09/01/2017	09/30/2017	09/15/2017	11/17/2017	62.5	13,174,845	823,427,813
11	November	10/01/2017	10/31/2017	10/16/2017	12/15/2017	60.0	10,702,245	642,134,700
12	December	11/01/2017	11/30/2017	11/15/2017	01/22/2018	67.5	10,965,113	740,145,128
13	Average					63.5	\$ 141,519,215	\$ 8,988,206,076

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
Scheduling & Dispatch

Line	Month	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D) - (C)	Payment Amount (F)	Dollar Weighted Days (G) = (E) * (F)
1	January	12/01/2016	12/31/2016	12/16/2016	02/17/2017	63.0	\$ 187,341	\$ 11,802,483
2	February	01/01/2017	01/31/2017	01/16/2017	03/17/2017	60.0	198,254	11,895,240
3	March	02/01/2017	02/28/2017	02/14/2017	04/24/2017	68.5	183,906	12,597,561
4	April	03/01/2017	03/31/2017	03/16/2017	05/19/2017	64.0	175,796	11,250,944
5	May	04/01/2017	04/30/2017	04/15/2017	06/16/2017	61.5	173,133	10,647,680
6	June	05/01/2017	05/31/2017	05/16/2017	07/21/2017	66.0	196,686	12,981,276
7	July	06/01/2017	06/30/2017	06/15/2017	08/18/2017	63.5	231,241	14,683,804
8	August	07/01/2017	07/31/2017	07/16/2017	09/15/2017	61.0	220,626	13,458,186
9	September	08/01/2017	08/31/2017	08/16/2017	10/20/2017	65.0	223,980	14,558,700
10	October	09/01/2017	09/30/2017	09/15/2017	11/17/2017	62.5	212,646	13,290,375
11	November	10/01/2017	10/31/2017	10/16/2017	12/15/2017	60.0	172,738	10,364,280
12	December	11/01/2017	11/30/2017	11/15/2017	01/22/2018	67.5	176,981	11,946,218
13	Average					63.5	\$ 2,353,328	\$ 149,476,746

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
LNS

Line	Month	Description	Begining of	End of	Midpoint of	Payment Date	Lead	Payment	Dollar
			Service Period	Service Period	Service Period		Days	Amount	Weighted Days
			(A)	(B)	(C)	(D)	(E) =(D)-(C)	(F)	(G) = (E)*(F)
1	January	Vermont Electric Power Co	12/01/2016	12/31/2016	12/16/2016	01/27/2017	42.0	\$ 43,543	\$ 1,828,806
2	February	Vermont Electric Power Co	01/01/2017	01/31/2017	01/16/2017	02/28/2017	43.0	65,706	2,825,358
3	March	Vermont Electric Power Co	02/01/2017	02/28/2017	02/14/2017	03/31/2017	44.5	82,681	3,679,305
4	April	Vermont Electric Power Co	03/01/2017	03/31/2017	03/16/2017	04/28/2017	43.0	124,986	5,374,398
5	May	Vermont Electric Power Co	04/01/2017	04/30/2017	04/15/2017	05/25/2017	39.5	90,023	3,555,909
6	June	Vermont Electric Power Co	05/01/2017	05/31/2017	05/16/2017	07/10/2017	55.0	100,777	5,542,735
7	July	Vermont Electric Power Co	06/01/2017	06/30/2017	06/15/2017	08/02/2017	47.5	48,870	2,321,325
8	August	Vermont Electric Power Co	07/01/2017	07/31/2017	07/16/2017	09/01/2017	47.0	1,125	52,875
9	September	Vermont Electric Power Co	08/01/2017	08/31/2017	08/16/2017	10/06/2017	51.0	(111,477)	(5,685,327)
10	October	Vermont Electric Power Co	09/01/2017	09/30/2017	09/15/2017	11/02/2017	47.5	(119,322)	(5,667,795)
11	November	Vermont Electric Power Co	10/01/2017	10/31/2017	10/16/2017	12/07/2017	52.0	18,822	978,744
12	December	Vermont Electric Power Co	11/01/2017	11/30/2017	11/15/2017	12/29/2017	43.5	121,038	5,265,153
13	January	Green Mountain Power Corp.	12/01/2016	12/31/2016	12/16/2016	02/03/2017	49.0	108,882	5,335,218
14	February	Green Mountain Power Corp.	01/01/2017	01/31/2017	01/16/2017	03/07/2017	50.0	127,170	6,358,500
15	March	Green Mountain Power Corp.	02/01/2017	02/28/2017	02/14/2017	04/04/2017	48.5	127,862	6,201,307
16	April	Green Mountain Power Corp.	03/01/2017	03/31/2017	03/16/2017	05/05/2017	50.0	121,249	6,062,450
17	May	Green Mountain Power Corp.	04/01/2017	04/30/2017	04/15/2017	06/02/2017	47.5	120,385	5,718,288
18	June	Green Mountain Power Corp.	05/01/2017	05/31/2017	05/16/2017	07/03/2017	48.0	118,509	5,688,432
19	July	Green Mountain Power Corp.	06/01/2017	06/30/2017	06/15/2017	08/01/2017	46.5	157,029	7,301,849
20	August	Green Mountain Power Corp.	07/01/2017	07/31/2017	07/16/2017	09/01/2017	47.0	124,317	5,842,899
21	September	Green Mountain Power Corp.	08/01/2017	08/31/2017	08/16/2017	10/03/2017	48.0	123,089	5,908,272
22	October	Green Mountain Power Corp.	09/01/2017	09/30/2017	09/15/2017	10/16/2017	30.5	121,317	3,700,169
23	November	Green Mountain Power Corp.	10/01/2017	10/31/2017	10/16/2017	12/02/2017	47.0	120,527	5,664,769
24	December	Green Mountain Power Corp.	11/01/2017	11/30/2017	11/15/2017	01/03/2018	48.5	119,063	5,774,556
25	January	Intercompany	01/01/2017	01/31/2017	01/16/2017	02/22/2017	37.0	694,376	25,691,912
26	February	Intercompany	02/01/2017	02/28/2017	02/14/2017	03/22/2017	35.5	699,348	24,826,854
27	March	Intercompany	03/01/2017	03/31/2017	03/16/2017	04/22/2017	37.0	697,165	25,795,105
28	April	Intercompany	04/01/2017	04/30/2017	04/15/2017	05/22/2017	36.5	2,691,579	98,242,634
29	May	Intercompany	05/01/2017	05/31/2017	05/16/2017	06/22/2017	37.0	6,830,074	252,712,738
30	June	Intercompany	06/01/2017	06/30/2017	06/15/2017	07/22/2017	36.5	1,089,928	39,782,372
31	July	Intercompany	07/01/2017	07/31/2017	07/16/2017	08/22/2017	37.0	1,091,191	40,374,067
32	August	Intercompany	08/01/2017	08/31/2017	08/16/2017	09/22/2017	37.0	1,082,187	40,040,919
33	September	Intercompany	09/01/2017	09/30/2017	09/15/2017	10/22/2017	36.5	1,088,927	39,745,836
34	October	Intercompany	10/01/2017	10/31/2017	10/16/2017	11/22/2017	37.0	1,089,454	40,309,798
35	November	Intercompany	11/01/2017	11/30/2017	11/15/2017	12/22/2017	36.5	1,088,454	39,728,571
36	December	Intercompany	12/01/2017	12/31/2017	12/16/2017	01/22/2018	37.0	1,095,878	40,547,486
37	March	New England Power	03/01/2017	03/31/2017	03/16/2017	05/19/2017	64.0	1,041	66,624
38	May	New England Power	05/01/2017	05/31/2017	05/16/2017	07/20/2017	65.0	3,018	196,170
39	Average						37.6	\$ 21,198,791	\$ 797,689,277

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2017
Reliability

Line	Month	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D)-(C)	Payment Amount (F)	Dollar Weighted Days (G) = (E)*(F)
1	January	12/01/2016	12/31/2016	12/16/2016	02/17/2017	63.0	\$ 442,952	\$ 27,905,976
2	February	01/01/2017	01/31/2017	01/16/2017	03/17/2017	60.0	447,883	26,872,980
3	March	02/01/2017	02/28/2017	02/14/2017	04/24/2017	68.5	449,617	30,798,765
4	April	03/01/2017	03/31/2017	03/16/2017	05/19/2017	64.0	470,584	30,117,376
5	May	04/01/2017	04/30/2017	04/15/2017	06/16/2017	61.5	507,184	31,191,816
6	June	05/01/2017	05/31/2017	05/16/2017	07/21/2017	66.0	638,879	42,166,014
7	July	06/01/2017	06/30/2017	06/15/2017	08/18/2017	63.5	445,973	28,319,286
8	August	07/01/2017	07/31/2017	07/16/2017	09/15/2017	61.0	472,947	28,849,767
9	September	08/01/2017	08/31/2017	08/16/2017	10/20/2017	65.0	366,051	23,793,315
10	October	09/01/2017	09/30/2017	09/15/2017	11/17/2017	62.5	462,387	28,899,188
11	November	10/01/2017	10/31/2017	10/16/2017	12/15/2017	60.0	454,352	27,261,120
12	December	11/01/2017	11/30/2017	11/15/2017	01/22/2018	67.5	402,121	27,143,168
13	Average					63.5	\$ 5,560,930	\$ 353,318,769

Public Service Company of New Hampshire d/b/a Eversource Energy
 Retail Transmission Cash Working Capital Requirement
 Year Ending December 31, 2017
 HQ Expense

Line	Month	Description	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D)-(C)	Payment Amount (F)	Dollar Weighted Days (G) = (E)*(F)
1	January	New England Hydro Transmission - HQ Phase II	01/01/2017	01/31/2017	01/16/2017	01/13/2017	(3.0)	\$ 238,041	\$ (714,123)
2	February	New England Hydro Transmission - HQ Phase II	02/01/2017	02/28/2017	02/14/2017	02/15/2017	0.5	272,231	136,116
3	March	New England Hydro Transmission - HQ Phase II	03/01/2017	03/31/2017	03/16/2017	03/15/2017	(1.0)	229,889	(229,889)
4	April	New England Hydro Transmission - HQ Phase II	04/01/2017	04/30/2017	04/15/2017	04/14/2017	(1.5)	221,350	(332,025)
5	May	New England Hydro Transmission - HQ Phase II	05/01/2017	05/31/2017	05/16/2017	05/15/2017	(1.0)	487,160	(487,160)
6	June	New England Hydro Transmission - HQ Phase II	06/01/2017	06/30/2017	06/15/2017	06/15/2017	(0.5)	267,372	(133,686)
7	July	New England Hydro Transmission - HQ Phase II	07/01/2017	07/31/2017	07/16/2017	07/18/2017	2.0	268,127	536,254
8	August	New England Hydro Transmission - HQ Phase II	08/01/2017	08/31/2017	08/16/2017	08/15/2017	(1.0)	286,554	(286,554)
9	September	New England Hydro Transmission - HQ Phase II	09/01/2017	09/30/2017	09/15/2017	09/19/2017	3.5	277,180	970,130
10	October	New England Hydro Transmission - HQ Phase II	10/01/2017	10/31/2017	10/16/2017	10/13/2017	(3.0)	286,027	(858,081)
11	November	New England Hydro Transmission - HQ Phase II	11/01/2017	11/30/2017	11/15/2017	11/15/2017	(0.5)	199,188	(99,594)
12	December	New England Hydro Transmission - HQ Phase II	12/01/2017	12/31/2017	12/16/2017	12/15/2017	(1.0)	29,885	(29,885)
13	January	Vermont Electric Transmission Co.	01/01/2017	01/31/2017	01/16/2017	01/20/2017	4.0	17,606	70,424
14	February	Vermont Electric Transmission Co.	02/01/2017	02/28/2017	02/14/2017	02/28/2017	13.5	22,153	299,066
15	March	Vermont Electric Transmission Co.	03/01/2017	03/31/2017	03/16/2017	03/16/2017	-	11,922	0
16	April	Vermont Electric Transmission Co.	04/01/2017	04/30/2017	04/15/2017	04/21/2017	5.5	12,875	70,813
17	May	Vermont Electric Transmission Co.	05/01/2017	05/31/2017	05/16/2017	05/16/2017	-	7,429	0
18	June	Vermont Electric Transmission Co.	06/01/2017	06/30/2017	06/15/2017	06/21/2017	5.5	13,335	73,343
19	July	Vermont Electric Transmission Co.	07/01/2017	07/31/2017	07/16/2017	07/21/2017	5.0	15,956	79,780
20	August	Vermont Electric Transmission Co.	08/01/2017	08/31/2017	08/16/2017	08/24/2017	8.0	3,065	24,520
21	September	Vermont Electric Transmission Co.	09/01/2017	09/30/2017	09/15/2017	09/28/2017	12.5	27,679	345,988
22	October	Vermont Electric Transmission Co.	10/01/2017	10/31/2017	10/16/2017	10/20/2017	4.0	22,395	89,580
23	November	Vermont Electric Transmission Co.	11/01/2017	11/30/2017	11/15/2017	11/17/2017	1.5	14,891	22,337
24	December	Vermont Electric Transmission Co.	12/01/2017	12/31/2017	12/16/2017	12/15/2017	(1.0)	12,634	(12,634)
25	January	NE Electric Transmission - HQ Phase I	01/01/2017	01/31/2017	01/16/2017	01/13/2017	(3.0)	13,465	(40,395)
26	February	NE Electric Transmission - HQ Phase I	02/01/2017	02/28/2017	02/14/2017	02/15/2017	0.5	11,097	5,549
27	March	NE Electric Transmission - HQ Phase I	03/01/2017	03/31/2017	03/16/2017	03/15/2017	(1.0)	10,252	(10,252)
28	April	NE Electric Transmission - HQ Phase I	04/01/2017	04/30/2017	04/15/2017	04/14/2017	(1.5)	9,999	(14,999)
29	May	NE Electric Transmission - HQ Phase I	05/01/2017	05/31/2017	05/16/2017	05/15/2017	(1.0)	12,564	(12,564)
30	June	NE Electric Transmission - HQ Phase I	06/01/2017	06/30/2017	06/15/2017	06/15/2017	(0.5)	8,070	(4,035)
31	July	NE Electric Transmission - HQ Phase I	07/01/2017	07/31/2017	07/16/2017	07/19/2017	3.0	9,125	27,375
32	August	NE Electric Transmission - HQ Phase I	08/01/2017	08/31/2017	08/16/2017	08/15/2017	(1.0)	9,160	(9,160)
33	September	NE Electric Transmission - HQ Phase I	09/01/2017	09/30/2017	09/15/2017	09/19/2017	3.5	13,573	47,506
34	October	NE Electric Transmission - HQ Phase I	10/01/2017	10/31/2017	10/16/2017	10/13/2017	(3.0)	15,525	(46,575)
35	November	NE Electric Transmission - HQ Phase I	11/01/2017	11/30/2017	11/15/2017	11/15/2017	(0.5)	3,584	(1,792)
36	December	NE Electric Transmission - HQ Phase I	12/01/2017	12/31/2017	12/16/2017	12/15/2017	(1.0)	16,764	(16,764)
37	Average						(0.2)	\$ 3,378,122	\$ (541,390)

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
For the 13 Months Ending July 31, 2018
Monthly Working Capital Allowance Calculation
(\$ in 000's)

Line	Retail Transmission Cost	Jul 2017	Aug 2017	Sept 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Jul-Jul Total	Source
1	Regional Network Service (RNS)	14,327	13,669	13,877	13,175	10,702	10,965	12,838	12,308	11,434	10,718	9,869	12,091	14,448	160,421	Attachment CJG-1 Page 4 Line 5 & Page 5 Line 5 Page 2, Line 1
2	(RNS) Working Capital Allowance Percent	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%		
3	Scheduling and Dispatch (S&D)	231	221	224	213	173	177	207	199	185	173	159	195	206	2,562	Attachment CJG-1 Page 4 Line 7 & Page 5 Line 7 Page 2, Line 2
4	(S&D) Working Capital Allowance Percent	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%	-5.44%		
5	Local Network Service (LNS)	1,300	1,208	1,101	1,091	1,228	1,336	728	670	646	713	800	6,641	701	18,163	Attachment CJG-1 Page 4 Line 9 & Page 5 Line 9 Page 2, Line 3
6	(LNS) Working Capital Allowance Percent	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%	1.74%		
7	Reliability	446	473	366	462	454	402	416	454	431	419	408	389	412	5,533	Attachment CJG-1 Page 4 Line 11 & Page 5 Line 11 Page 2, Line 4
8	(Reliability) Working Capital Allowance Percent	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%	-5.55%		
9	Hydro-Quebec Support Costs	293	299	318	324	218	59	294	266	306	311	311	313	339	3,652	Attachment CJG-1 Page 4 Line 13 & Page 5 Line 15 Page 2, Line 5
10	(HQ Support Costs) Working Capital Allowance Percent	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%	12.22%		
11	Monthly Working Capital Allowance	(758)	(724)	(729)	(695)	(569)	(598)	(684)	(661)	(607)	(565)	(516)	(536)	(766)	(8,409)	Line 1*Line 2 + Line 3*Line 4 + Line 5*Line 6 + Line 7*Line 8 + Line 9*Line 10
12	Rate of Return	10.97%	10.97%	10.97%	10.97%	10.97%	10.97%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%	9.41%		Authorized Return per DE 09-035 including tax gross up
13	Monthly Return on Working Capital	<u>\$ (83)</u>	<u>\$ (79)</u>	<u>\$ (80)</u>	<u>\$ (76)</u>	<u>\$ (62)</u>	<u>\$ (66)</u>	<u>\$ (64)</u>	<u>\$ (62)</u>	<u>\$ (57)</u>	<u>\$ (53)</u>	<u>\$ (49)</u>	<u>\$ (50)</u>	<u>\$ (72)</u>	<u>(855)</u>	Line 11*Line 12

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
Cash Working Capital Summary Calculation

Line	Components	Revenue Lag days (A)	Cost Lead Days (B)	Net Lag Days (C) = (A) - (B)	Net Lag % (D) = (C) / 365	Total Expense (E)	Cash WC Requirement (F) = (D) x (E)
1	RNS	43.6	63.5	(19.9)	-5.44%	134,344,204	(7,306,702)
2	S&D	43.6	63.5	(19.9)	-5.44%	2,262,004	(123,163)
3	LNS	43.6	37.3	6.4	1.74%	13,274,654.0	231,111
4	Reliability	43.6	63.9	(20.3)	-5.55%	6,791,652	(377,216)
5	HQ Expense	43.6	(1.0)	44.6	12.22%	2,553,445	312,070
6	<u>Total / Average</u>	<u>43.6</u>	<u>60.3</u>	<u>(16.7)</u>	<u>-4.56%</u>	<u>159,225,959</u>	<u>(7,263,900)</u>

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
Revenue Lag

Line	Components	Total	Reference
1	Average Accounts Receivable Balance	\$ 12,017,628	Page 4, Line 14
2	Annual Transmission Revenue	\$ 159,968,099	Attachment CJG-1, Page 3 (Line 3 + 17) + Page 4 (Line 3 + Line 17)
3	Average daily revenue	\$ 438,268.76	Line 2 / 365
4	Collection lag (days)	27.4	Line 1/ Line 3
5	Meter reading lag	15.2	(365/12)/2
6	Billing lag	<u>1.0</u>	
7	Retail revenue lag (days)	<u><u>43.6</u></u>	Sum of (Line 4 through Line 6)

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
Monthly Accounts Receivable Balances

Line	Date	AR Balance
1	January 2016	\$ 12,208,821
2	February 2016	11,898,112
3	March 2016	11,914,681
4	April 2016	11,448,467
5	May 2016	10,487,055
6	June 2016	10,891,827
7	July 2016	12,968,024
8	August 2016	13,740,994
9	September 2016	12,538,321
10	October 2016	12,256,114
11	November 2016	10,538,659
12	December 2016	13,320,461
13	Total	<u>\$ 144,211,536</u>
14	Average	<u><u>\$ 12,017,628</u></u>

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
RNS

Line	Month	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D)-(C)	Payment Amount (F)	Dollar Weighted Days (G) = (E)*(F)
1	January	12/01/2015	12/31/2015	12/16/2015	02/22/2016	68.0	\$ 10,514,947	\$ 715,016,396
2	February	01/01/2016	01/31/2016	01/16/2016	03/18/2016	62.0	10,685,681	\$ 662,512,222
3	March	02/01/2016	02/29/2016	02/15/2016	04/15/2016	60.0	10,835,180	\$ 650,110,800
4	April	03/01/2016	03/31/2016	03/16/2016	05/20/2016	65.0	10,045,622	\$ 652,965,430
5	May	04/01/2016	04/30/2016	04/15/2016	06/15/2016	60.5	9,424,946	\$ 570,209,233
6	June	05/01/2016	05/31/2016	05/16/2016	07/15/2016	60.0	10,554,782	\$ 633,286,920
7	July	06/01/2016	06/30/2016	06/15/2016	08/19/2016	64.5	11,337,827	\$ 731,289,842
8	August	07/01/2016	07/31/2016	07/16/2016	09/16/2016	62.0	13,806,405	\$ 855,997,110
9	September	08/01/2016	08/31/2016	08/16/2016	10/21/2016	66.0	14,355,131	\$ 947,438,646
10	October	09/01/2016	09/30/2016	09/15/2016	11/18/2016	63.5	12,632,700	\$ 802,176,450
11	November	10/01/2016	10/31/2016	10/16/2016	12/16/2016	61.0	9,745,838	\$ 594,496,118
12	December	11/01/2016	11/30/2016	11/15/2016	01/23/2017	68.5	10,405,145	\$ 712,752,433
13	Average					63.5	\$134,344,204	\$ 8,528,251,599

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
Scheduling & Dispatch

Line	Month	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D) - (C)	Payment Amount (F)	Dollar Weighted Days (G) = (E) * (F)
1	January	12/01/2015	12/31/2015	12/16/2015	02/22/2016	68.0	\$ 171,446	\$ 11,658,328
2	February	01/01/2016	01/31/2016	01/16/2016	03/18/2016	62.0	174,230	\$ 10,802,260
3	March	02/01/2016	02/29/2016	02/15/2016	04/15/2016	60.0	176,668	\$ 10,600,080
4	April	03/01/2016	03/31/2016	03/16/2016	05/20/2016	65.0	163,794	\$ 10,646,610
5	May	04/01/2016	04/30/2016	04/15/2016	06/15/2016	60.5	153,674	\$ 9,297,277
6	June	05/01/2016	05/31/2016	05/16/2016	07/15/2016	60.0	172,096	\$ 10,325,760
7	July	06/01/2016	06/30/2016	06/15/2016	08/19/2016	64.5	197,124	\$ 12,714,498
8	August	07/01/2016	07/31/2016	07/16/2016	09/16/2016	62.0	240,043	\$ 14,882,666
9	September	08/01/2016	08/31/2016	08/16/2016	10/21/2016	66.0	248,225	\$ 16,382,850
10	October	09/01/2016	09/30/2016	09/15/2016	11/18/2016	63.5	218,637	\$ 13,883,450
11	November	10/01/2016	10/31/2016	10/16/2016	12/16/2016	61.0	167,437	\$ 10,213,657
12	December	11/01/2016	11/30/2016	11/15/2016	01/23/2017	68.5	178,630	\$ 12,236,155
13	Average					63.5	\$ 2,262,004	\$ 143,643,591

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
LNS

Line	Month	Description	Beginning of	End of	Midpoint of	Payment Date	Lead	Payment	Dollar
			Service Period	Service Period	Service Period		Days	Amount	Weighted Days
			(A)	(B)	(C)	(D)	(E) = (D)-(C)	(F)	(G) = (E)*(F)
1	January	Vermont Electric Power Co	12/01/2015	12/31/2015	12/16/2015	01/27/2016	42.0	\$ 84,290	\$ 3,540,180
2	February	Vermont Electric Power Co	01/01/2016	01/31/2016	01/16/2016	02/25/2016	40.0	29,345	\$ 1,173,800
3	March	Vermont Electric Power Co	02/01/2016	02/29/2016	02/15/2016	03/24/2016	38.0	68,230	\$ 2,592,740
4	April	Vermont Electric Power Co	03/01/2016	03/31/2016	03/16/2016	04/27/2016	42.0	90,548	\$ 3,803,016
5	May	Vermont Electric Power Co	04/01/2016	04/30/2016	04/15/2016	05/26/2016	40.5	63,942	\$ 2,589,651
6	June	Vermont Electric Power Co	05/01/2016	05/31/2016	05/16/2016	07/16/2016	61.0	60,934	\$ 3,716,974
7	July	Vermont Electric Power Co	06/01/2016	06/30/2016	06/15/2016	08/01/2016	46.5	6,512	\$ 302,808
8	September	Vermont Electric Power Co	07/01/2016	08/31/2016	07/31/2016	10/03/2016	63.5	(38,399)	\$ (2,438,337)
9	October	Vermont Electric Power Co	09/01/2016	09/30/2016	09/15/2016	10/28/2016	42.5	69,949	\$ 2,972,833
10	November	Vermont Electric Power Co	10/01/2016	10/31/2016	10/16/2016	11/23/2016	38.0	80,486	\$ 3,058,468
11	December	Vermont Electric Power Co	11/01/2016	11/30/2016	11/15/2016	12/23/2016	37.5	52,753	\$ 1,978,238
12	January	Green Mountain Power Corp.	12/01/2015	12/31/2015	12/16/2015	02/02/2016	48.0	127,539	\$ 6,121,872
13	February	Green Mountain Power Corp.	01/01/2016	01/31/2016	01/16/2016	03/04/2016	48.0	145,078	\$ 6,963,744
14	March	Green Mountain Power Corp.	02/01/2016	02/29/2016	02/15/2016	04/04/2016	49.0	122,954	\$ 6,024,746
15	April	Green Mountain Power Corp.	03/01/2016	03/31/2016	03/16/2016	05/03/2016	48.0	127,730	\$ 6,131,040
16	May	Green Mountain Power Corp.	04/01/2016	04/30/2016	04/15/2016	06/03/2016	48.5	122,260	\$ 5,929,610
17	June	Green Mountain Power Corp.	05/01/2016	05/31/2016	05/16/2016	07/05/2016	50.0	121,849	\$ 6,092,450
18	July	Green Mountain Power Corp.	06/01/2016	06/30/2016	06/15/2016	08/02/2016	47.5	53,719	\$ 2,551,653
19	August	Green Mountain Power Corp.	07/01/2016	07/31/2016	07/16/2016	09/02/2016	48.0	122,673	\$ 5,888,304
20	September	Green Mountain Power Corp.	08/01/2016	08/31/2016	08/16/2016	10/04/2016	49.0	125,253	\$ 6,010,977
21	October	Green Mountain Power Corp.	09/01/2016	09/30/2016	09/15/2016	11/04/2016	49.5	122,696	\$ 6,200,024
22	November	Green Mountain Power Corp.	10/01/2016	10/31/2016	10/16/2016	12/02/2016	47.0	117,913	\$ 5,766,712
23	December	Green Mountain Power Corp.	11/01/2016	11/30/2016	11/15/2016	01/03/2017	48.5	113,539	\$ 5,718,781
24	January	Intercompany	01/01/2016	01/31/2016	01/16/2016	02/22/2016	37.0	381,212	\$ 4,200,943
25	February	Intercompany	02/01/2016	02/29/2016	02/15/2016	03/22/2016	36.0	380,649	\$ 13,703,364
26	March	Intercompany	03/01/2016	03/31/2016	03/16/2016	04/22/2016	37.0	379,325	\$ 14,035,025
27	April	Intercompany	04/01/2016	04/30/2016	04/15/2016	05/20/2016	34.5	382,626	\$ 13,200,597
28	May	Intercompany	05/01/2016	05/31/2016	05/16/2016	06/22/2016	37.0	3,362,601	\$ 124,416,237
29	June	Intercompany	06/01/2016	06/30/2016	06/15/2016	07/22/2016	36.5	912,544	\$ 33,307,856
30	July	Intercompany	07/01/2016	07/31/2016	07/16/2016	08/22/2016	37.0	917,824	\$ 33,959,488
31	August	Intercompany	08/01/2016	08/31/2016	08/16/2016	09/22/2016	37.0	914,726	\$ 33,844,862
32	September	Intercompany	09/01/2016	09/30/2016	09/15/2016	10/21/2016	35.5	917,605	\$ 32,574,978
33	October	Intercompany	10/01/2016	10/31/2016	10/16/2016	11/22/2016	37.0	910,406	\$ 33,685,022
34	November	Intercompany	11/01/2016	11/30/2016	11/15/2016	12/22/2016	36.5	912,588	\$ 33,309,462
35	December	Intercompany	12/01/2016	12/31/2016	12/16/2016	01/20/2017	35.0	910,755	\$ 31,876,425
36	Average						37.3	\$ 13,274,654	\$ 494,804,541

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
Reliability

Line	Month	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D)-(C)	Payment Amount (F)	Dollar Weighted Days (G) = (E)*(F)
1	January	12/01/2015	12/31/2015	12/16/2015	02/22/2016	68.0	\$ 1,314,164	\$ 89,363,152
2	February	01/01/2016	01/31/2016	01/16/2016	03/18/2016	62.0	671,802	\$ 41,651,724
3	March	02/01/2016	02/29/2016	02/15/2016	04/15/2016	60.0	677,324	\$ 40,639,440
4	April	03/01/2016	03/31/2016	03/16/2016	05/20/2016	65.0	511,799	\$ 33,266,935
5	May	04/01/2016	04/30/2016	04/15/2016	06/15/2016	60.5	488,531	\$ 29,556,126
6	June	05/01/2016	05/31/2016	05/16/2016	07/15/2016	60.0	431,751	\$ 25,905,060
7	July	06/01/2016	06/30/2016	06/15/2016	08/19/2016	64.5	454,480	\$ 29,313,960
8	August	07/01/2016	07/31/2016	07/16/2016	09/16/2016	62.0	470,619	\$ 29,178,378
9	September	08/01/2016	08/31/2016	08/16/2016	10/21/2016	66.0	507,141	\$ 33,471,306
10	October	09/01/2016	09/30/2016	09/15/2016	11/18/2016	63.5	518,356	\$ 32,915,606
11	November	10/01/2016	10/31/2016	10/16/2016	12/16/2016	61.0	312,571	\$ 19,066,855
12	December	11/01/2016	11/30/2016	11/15/2016	01/23/2017	68.5	433,114	\$ 29,668,309
13	Average					63.9	\$ 6,791,652	\$ 433,996,850

Public Service Company of New Hampshire d/b/a Eversource Energy
Retail Transmission Cash Working Capital Requirement
Year Ending December 31, 2016
HQ Expense

Line	Month	Description	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C)	Payment Date (D)	Lead Days (E) = (D)-(C)	Payment Amount (F)	Dollar Weighted Days (G) = (E)*(F)
1	January	New England Hydro Transmission - HQ Phase II	01/01/2016	01/31/2016	01/16/2016	01/15/2016	(1.0)	\$ 134,916	\$ (134,916)
2	February	New England Hydro Transmission - HQ Phase II	02/01/2016	02/29/2016	02/15/2016	02/12/2016	(3.0)	86,173	\$ (258,519)
3	March	New England Hydro Transmission - HQ Phase II	03/01/2016	03/31/2016	03/16/2016	03/15/2016	(1.0)	175,196	\$ (175,196)
4	April	New England Hydro Transmission - HQ Phase II	04/01/2016	04/30/2016	04/15/2016	04/15/2016	(0.5)	162,252	\$ (81,126)
5	May	New England Hydro Transmission - HQ Phase II	05/01/2016	05/31/2016	05/16/2016	05/13/2016	(3.0)	273,812	\$ (821,436)
6	June	New England Hydro Transmission - HQ Phase II	06/01/2016	06/30/2016	06/15/2016	06/15/2016	(0.5)	151,936	\$ (75,968)
7	July	New England Hydro Transmission - HQ Phase II	07/01/2016	07/31/2016	07/16/2016	07/15/2016	(1.0)	254,311	\$ (254,311)
8	August	New England Hydro Transmission - HQ Phase II	08/01/2016	08/31/2016	08/16/2016	08/15/2016	(1.0)	149,168	\$ (149,168)
9	September	New England Hydro Transmission - HQ Phase II	09/01/2016	09/30/2016	09/15/2016	09/15/2016	(0.5)	227,280	\$ (113,640)
10	October	New England Hydro Transmission - HQ Phase II	10/01/2016	10/31/2016	10/16/2016	10/14/2016	(2.0)	210,161	\$ (420,322)
11	November	New England Hydro Transmission - HQ Phase II	11/01/2016	11/30/2016	11/15/2016	11/15/2016	(0.5)	241,096	\$ (120,548)
12	December	New England Hydro Transmission - HQ Phase II	12/01/2016	12/31/2016	12/16/2016	12/15/2016	(1.0)	221,143	\$ (221,143)
13	January	Vermont Electric Transmission Co.	01/01/2016	01/31/2016	01/16/2016	01/20/2016	4.0	12,823	\$ 51,292
14	March	Vermont Electric Transmission Co.	03/01/2016	03/31/2016	03/16/2016	03/18/2016	2.0	4,146	\$ 8,292
15	April	Vermont Electric Transmission Co.	04/01/2016	04/30/2016	04/15/2016	04/20/2016	4.5	13,471	\$ 60,620
16	May	Vermont Electric Transmission Co.	05/01/2016	05/31/2016	05/16/2016	05/18/2016	2.0	12,280	\$ 24,560
17	June	Vermont Electric Transmission Co.	06/01/2016	06/30/2016	06/15/2016	06/17/2016	1.5	14,574	\$ 21,861
18	July	Vermont Electric Transmission Co.	07/01/2016	07/31/2016	07/16/2016	07/20/2016	4.0	22,493	\$ 89,972
19	August	Vermont Electric Transmission Co.	08/01/2016	08/31/2016	08/16/2016	08/17/2016	1.0	25,617	\$ 25,617
20	September	Vermont Electric Transmission Co.	09/01/2016	09/30/2016	09/15/2016	09/22/2016	6.5	13,406	\$ 87,139
21	October	Vermont Electric Transmission Co.	10/01/2016	10/31/2016	10/16/2016	10/19/2016	3.0	11,516	\$ 34,548
22	November	Vermont Electric Transmission Co.	11/01/2016	11/30/2016	11/15/2016	11/18/2016	2.5	466	\$ 1,165
23	December	Vermont Electric Transmission Co.	12/01/2016	12/31/2016	12/16/2016	12/20/2016	4.0	16,769	\$ 67,076
24	January	NE Electric Transmission - HQ Phase I	01/01/2016	01/31/2016	01/16/2016	01/15/2016	(1.0)	11,055	\$ (11,055)
25	February	NE Electric Transmission - HQ Phase I	02/01/2016	02/29/2016	02/15/2016	02/12/2016	(3.0)	14,133	\$ (42,399)
26	March	NE Electric Transmission - HQ Phase I	03/01/2016	03/31/2016	03/16/2016	03/15/2016	(1.0)	9,801	\$ (9,801)
27	April	NE Electric Transmission - HQ Phase I	04/01/2016	04/30/2016	04/15/2016	04/15/2016	(0.5)	13,972	\$ (6,986)
28	May	NE Electric Transmission - HQ Phase I	05/01/2016	05/31/2016	05/16/2016	05/13/2016	(3.0)	6,510	\$ (19,530)
29	June	NE Electric Transmission - HQ Phase I	06/01/2016	06/30/2016	06/15/2016	06/15/2016	(0.5)	8,676	\$ (4,338)
30	July	NE Electric Transmission - HQ Phase I	07/01/2016	07/31/2016	07/16/2016	07/15/2016	(1.0)	8,222	\$ (8,222)
31	August	NE Electric Transmission - HQ Phase I	08/01/2016	08/31/2016	08/16/2016	08/15/2016	(1.0)	9,277	\$ (9,277)
32	September	NE Electric Transmission - HQ Phase I	09/01/2016	09/30/2016	09/15/2016	09/15/2016	(0.5)	9,530	\$ (4,765)
33	October	NE Electric Transmission - HQ Phase I	10/01/2016	10/31/2016	10/16/2016	10/14/2016	(2.0)	8,469	\$ (16,938)
34	November	NE Electric Transmission - HQ Phase I	11/01/2016	11/30/2016	11/15/2016	11/15/2016	(0.5)	9,632	\$ (4,816)
35	December	NE Electric Transmission - HQ Phase I	12/01/2016	12/31/2016	12/16/2016	12/15/2016	(1.0)	9,163	\$ (9,163)
36	Average						(1.0)	\$ 2,553,445	\$ (2,501,442)