

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

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- 1      TCAM Rate Calculation - August 2019 through July 2020
- 1a     TCAM Rate Calculation - Comparison of Forecast to Currently Allowed TCAM
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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY  
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION**

(Dollars in 000s)

	<b>TCAM Rate Calculation</b>	<b>Forecast</b>	<b>Reference:</b>
	<b>August 2019 Through July 2020</b>	<b>Summary</b>	<b>Attachment ELM/DFB-1</b>
1			
2			
3	Regional Network Service (RNS)	\$ 148,526	Page 2
4	Scheduling and Dispatch (S&D)	2,110	Page 2
5	Local Network Service (LNS)	20,640	Page 2
6	Reliability	5,238	Page 2
7	Hydro-Quebec Interconnection Capacity Credits	(8,294)	Page 2
8	Hydro-Quebec Support Costs	4,137	Page 2
9	Return on TCAM Working Capital	(554)	Page 2
10	Revenue Credits	(4,137)	Page 2
11			
12	Total Forecasted Costs	\$ 167,665	
13			
14	Cumulative Estimated (Over) / Under Recovery	(7,268)	Page 5
15			
16	Total Costs	\$ 160,397	
17			
18	Forecasted Retail MWH Sales	7,822,136	Page 2
19			
20	Forecasted TCAM Rate--cents per kWh	2.051	
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**

TCAM Rate Calculation	(A)	(B)	(C)
	Forecast	Currently Allowed (1)	(A)-(B)=(C)
	12 mths-07/2020	12 mths-07/2019	Delta
<b>Comparison of Forecast to Currently Allowed</b>			
Regional Network Service (RNS)	\$ 148,526	\$ 149,638	\$ (1,112)
Scheduling and Dispatch (S&D)	2,110	2,135	(25)
Local Network Service (LNS)	20,640	13,277	7,363
Reliability	5,238	5,007	231
Hydro-Quebec Interconnection Capacity Credits	(8,294)	(11,919)	3,625
Hydro-Quebec Support Costs	4,137	4,071	66
Return on TCAM Working Capital	(554)	(744)	190
Revenue Credits	(4,137)	(4,071)	(66)
Sub-total	\$ 167,665	\$ 157,393	\$ 10,272
Prior Period (Over) / Under Recovery	(7,268)	(11,326)	4,058
Total	\$ 160,397	\$ 146,067	\$ 14,330
Retail MWH Sales	7,822,136	7,835,180	
TCAM Rate--cents per kWh	2.051	1.864	

(1) DE 18-089; Order # 26,163 dated July 31, 2018

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 2019 through July 2020

(Dollars in 000s)

		Forecast						
		August 2019	September 2019	October 2019	November 2019	December 2019	January 2020	Six Months August-January Subtotal
1	<b>Retail Transmission Cost</b>							
2								
3	Regional Network Service (RNS)	15,588	14,375	13,424	10,317	11,297	11,931	76,931
4								
5	Scheduling and Dispatch (S&D)	221	204	191	147	161	170	1,093
6								
7	Local Network Service (LNS)	1,552	1,552	1,552	1,552	1,552	1,840	9,600
8								
9	Reliability	432	432	432	432	432	440	2,600
10								
11	Hydro-Quebec Interconnection Capacity Credits	(720)	(720)	(720)	(720)	(720)	(720)	(4,322)
12								
13	Hydro-Quebec Support Costs	338	338	338	338	338	349	2,041
14								
15	Return on TCAM Working Capital Allowance (1)	(61)	(55)	(51)	(37)	(42)	(44)	(290)
16								
17	(Over) Recovery TCAM, previous TCAM Year	(7,268)	-	-	-	-	-	(7,268)
18								
19	Revenue Credits (2)	(338)	(338)	(338)	(338)	(338)	(349)	(2,041)
20								
21	Retail Transmission Operating Costs	\$ 9,744	\$ 15,788	\$ 14,827	\$ 11,690	\$ 12,679	\$ 13,616	\$ 78,344
22								
23	Estimated Retail MWH Sales	731,116	613,858	605,369	605,717	680,793	702,789	3,939,642
24								
25								
26								

		Forecast						Six Months	Twelve Months
		February 2020	March 2020	April 2020	May 2020	June 2020	July 2020	February-July Subtotal	August 19 - July 20 Total
27									
28									
29	<b>Retail Transmission Cost</b>								
30									
31	Regional Network Service (RNS)	12,500	12,034	11,427	9,935	11,688	14,011	71,595	148,526
32									
33	Scheduling and Dispatch (S&D)	178	171	162	141	166	199	1,017	2,110
34									
35	Local Network Service (LNS)	1,840	1,840	1,840	1,840	1,840	1,840	11,040	20,640
36									
37	Reliability	432	441	441	441	441	441	2,638	5,238
38									
39	Hydro-Quebec Interconnection Capacity Credits	(720)	(720)	(720)	(720)	(546)	(546)	(3,972)	(8,294)
40									
41	Hydro-Quebec Support Costs	349	349	349	349	349	349	2,096	4,137
42									
43	Return on TCAM Working Capital Allowance (1)	(46)	(44)	(42)	(35)	(44)	(54)	(265)	(554)
44									
45	(Over) Recovery TCAM, previous TCAM Year	-	-	-	-	-	-	-	(7,268)
46									
47	Revenue Credits (2)	(349)	(349)	(349)	(349)	(349)	(349)	(2,096)	(4,137)
48									
49	Retail Transmission Operating Costs	\$ 14,183	\$ 13,721	\$ 13,109	\$ 11,602	\$ 13,546	\$ 15,892	\$ 82,053	\$ 160,397
50									
51	Estimated Retail MWH Sales	652,464	650,645	593,980	604,996	648,412	731,998	3,882,494	7,822,136
52									

53 Note 1 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis Attachment ELM/DFB-2.

54

55 Note 2 - Revenue credits represent Hydro-Quebec (H-Q) revenues associated with the H-Q support contract through July 2020.

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 2018 - July 2018

(Dollars in 000s)

	Balance 12/31/2017	Actual						July 2018	Total	Reference
		January 2018	February 2018	March 2018	April 2018	May 2018	June 2018			
1 <b>Retail Transmission Costs</b>										
2										
3 Retail Transmission Operating Revenues		\$ (16,356)	\$ (13,920)	\$ (14,886)	\$ (12,958)	\$ (14,969)	\$ (14,609)	\$ (18,350)	\$ (106,047)	ELM/DFB-1, Pg 6
4										
5 Regional Network Service (RNS)		12,838	12,308	11,434	10,718	9,869	10,834	13,233	81,234	
6										
7 Scheduling and Dispatch		207	199	185	173	159	175	189	1,286	
8										
9 Local Network Service (LNS) (1)		728	670	646	713	800	6,722	817	11,097	
10										
11 Reliability		416	454	431	419	408	389	399	2,916	
12										
13 Hydro-Quebec Interconnection Capacity Credits		-	-	-	(904)	(903)	(920)	(1,141)	(3,868)	
14										
15 Hydro-Quebec Support Costs		294	266	306	311	311	313	313	2,114	
16										
17 Return on TCAM Working Capital Allowance (2)		(64)	(62)	(57)	(53)	(49)	(44)	(66)	(395)	
18										
19 Revenue Credits (3)		(294)	(266)	(306)	(311)	(311)	(313)	(313)	(2,114)	
20										
21 Retail Transmission Operating Costs		\$ 14,125	\$ 13,568	\$ 12,638	\$ 11,066	\$ 10,284	\$ 17,157	\$ 13,431	\$ 92,270	
22										
23 (Over) / Under-Recovery		\$ (2,231)	\$ (352)	\$ (2,248)	\$ (1,892)	\$ (4,684)	\$ 2,548	\$ (4,918)	\$ (13,778)	
24										
25 Cumulative (Over) / Under-Recovery		\$ (810)	\$ (3,041)	\$ (3,393)	\$ (5,640)	\$ (7,532)	\$ (12,217)	\$ (9,669)	\$ (14,587)	
26										
27 <b>Calculation of Return/Deferral</b>										
28										
29 Average Balance		(1,925)	(3,217)	(4,516)	(6,586)	(9,875)	(10,943)	(12,128)		
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	\$ 2,981	\$ 3,304		
35										
36 Average Balance, Net of ADIT		\$ (1,401)	\$ (2,340)	\$ (3,286)	\$ (4,792)	\$ (7,185)	\$ (7,962)	\$ (8,824)		
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)	\$ (33)	\$ (37)	\$ (144)	
41										
42 Cumulative Return		\$ (5)	\$ (14)	\$ (27)	\$ (46)	\$ (74)	\$ (108)	\$ (144)		
43										
44 Cumulative (Over) / Under Recovery, Including Return		\$ (3,046)	\$ (3,407)	\$ (5,667)	\$ (7,578)	\$ (12,291)	\$ (9,777)	\$ (14,732)		

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

47

48 Note 2 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis found in Docket 18-089, Attachment C.JG-3.

49

50 Note 3-- Revenue credits include Hydro-Quebec 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**  
**August 2018 - January 2019**

(Dollars in 000s)

	Balance 07/31/2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	Total	Reference
<b>1 Retail Transmission Costs</b>									
2									
3 Retail Transmission Operating Revenues		\$ (14,988)	\$ (11,491)	\$ (12,693)	\$ (11,698)	\$ (11,967)	\$ (13,539)	\$ (76,376)	ELM/DFB-1, Pg 7
4									
5 Regional Network Service (RNS)		14,308	15,637	14,026	10,664	10,822	11,669	77,125	
6									
7 Scheduling and Dispatch		207	225	202	153	156	168	1,111	
8									
9 Local Network Service (LNS)		626	708	686	735	773	1,485	5,012	
10									
11 Reliability		458	481	496	454	412	425	2,726	
12									
13 Hydro-Quebec Interconnection Capacity Credits		(1,033)	(1,034)	(1,027)	(1,017)	(1,014)	(993)	(6,116)	
14									
15 Hydro-Quebec Support Costs		283	337	369	744	345	338	2,414	
16									
17 Return on TCAM Working Capital (1)		(73)	(80)	(71)	(49)	(54)	(57)	(384)	
18									
19 Revenue Credits (2)		(283)	(337)	(369)	(741)	(345)	(338)	(2,411)	
20									
21 Retail Transmission Operating Costs		\$ 14,493	\$ 15,937	\$ 14,312	\$ 10,945	\$ 11,094	\$ 12,695	\$ 79,477	
22									
23 (Over) / Under-Recovery		\$ (494)	\$ 4,446	\$ 1,619	\$ (753)	\$ (873)	\$ (844)	\$ 3,101	
24									
25 Cumulative (Over) / Under-Recovery		\$ (14,732)	\$ (15,226)	\$ (10,780)	\$ (9,161)	\$ (9,914)	\$ (10,787)	\$ (11,631)	
26									
<b>27 Calculation of Return/Deferral</b>									
28									
29 Average Balance		(14,979)	(13,003)	(9,970)	(9,537)	(10,350)	(11,209)		
30									
31 Deferred tax calculation--									
32 Deferred tax rate		27.241%	27.241%	27.241%	27.241%	27.241%	27.083%		
33									
34 ADIT on the average balance		\$ 4,080	\$ 3,542	\$ 2,716	\$ 2,598	\$ 2,820	\$ 3,036		
35									
36 Average Balance, Net of ADIT		\$ (10,899)	\$ (9,461)	\$ (7,254)	\$ (6,939)	\$ (7,531)	\$ (8,173)		
37									
38 x Return at Prime Rate		0.4167%	0.4375%	0.4375%	0.4375%	0.4583%	0.4583%		
39									
40 Return-Monthly		\$ (45)	\$ (41)	\$ (32)	\$ (30)	\$ (35)	\$ (37)	\$ (221)	
41									
42 Cumulative Return		\$ (45)	\$ (87)	\$ (119)	\$ (149)	\$ (183)	\$ (221)		
43									
44 Cumulative (Over) / Under Recovery, Including Return		\$ (15,272)	\$ (10,867)	\$ (9,279)	\$ (10,063)	\$ (10,970)	\$ (11,852)		
45									

46 Note 1 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis found in Docket 18-089, Attachment CJG-2.

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  
February 2019 - July 2019

(Dollars in 000s)

	Balance 01/31/2019						Forecast		Total	Reference
		February 2019	March 2019	April 2019	May 2019	June 2019	July 2019			
1 <b>Retail Transmission Costs</b>										
2										
3 Retail Transmission Operating Revenues		\$ (11,194)	\$ (11,979)	\$ (10,537)	\$ (10,691)	\$ (12,133)	\$ (13,658)	\$ (70,192)	ELM/DFB-1, Pg 8	
4										
5 Regional Network Service (RNS)		12,684	11,410	11,034	9,275	11,558	14,142	70,102		
6										
7 Scheduling and Dispatch (S&D)		182	164	159	133	166	201	1,006		
8										
9 Local Network Service (LNS) (1)		1,496	1,486	1,528	(578)	1,552	1,491	6,975		
10										
11 Reliability		449	463	442	437	396	432	2,619		
12										
13 Hydro-Quebec Interconnection Capacity Credits		(964)	(972)	(973)	(1,050)	(720)	(720)	(5,400)		
14										
15 Hydro-Quebec Support Costs		279	261	313	353	289	338	1,833		
16										
17 Return on TCAM Working Capital (2)		(63)	(57)	(54)	(48)	(56)	(69)	(348)		
18										
19 Revenue Credits (3)		(279)	(261)	(313)	(353)	(289)	(338)	(1,833)		
20										
21 Retail Transmission Operating Costs		\$ 13,784	\$ 12,494	\$ 12,135	\$ 8,169	\$ 12,896	\$ 15,476	\$ 74,954		
22										
23 (Over) / Under-Recovery		\$ 2,590	\$ 515	\$ 1,598	\$ (2,522)	\$ 763	\$ 1,818	\$ 4,761		
24										
25 Cumulative (Over) / Under-Recovery		\$ (11,852)	\$ (9,262)	\$ (8,747)	\$ (7,150)	\$ (9,672)	\$ (7,090)			
26										
27 <b>Calculation of Return/Deferral</b>										
28										
29 Average Balance		(10,557)	(9,005)	(7,948)	(8,411)	(9,290)	(7,999)			
30										
31 Deferred tax calculation--										
32 Deferred tax rate		27.083%	27.083%	27.083%	27.083%	27.083%	27.083%			
33										
34 ADIT on the average balance		\$ 2,859	\$ 2,439	\$ 2,153	\$ 2,278	\$ 2,516	\$ 2,166			
35										
36 Average Balance, Net of Accum. Def. Income Taxes		\$ (7,698)	\$ (6,566)	\$ (5,796)	\$ (6,133)	\$ (6,774)	\$ (5,833)			
37										
38 x Return at Prime Rate		0.4583%	0.4583%	0.4583%	0.4583%	0.4583%	0.4583%			
39										
40 Return-Monthly		\$ (35)	\$ (30)	\$ (27)	\$ (28)	\$ (31)	\$ (27)	\$ (178)		
41										
42 Cumulative Return		\$ (35)	\$ (65)	\$ (92)	\$ (120)	\$ (151)	\$ (178)			
43										
44 Cumulative (Over) / Under Recovery, Including Return		\$ (9,298)	\$ (8,813)	\$ (7,242)	\$ (9,792)	\$ (9,060)	\$ (7,268)			
45										

46 Note 1--May 2019 LNS includes a (\$2.1M) creditcharge for the FY 2018 Schedule 21 true-up.

47  
48 Note 2 - The return on the working capital allowance is based on the calculation provided in the Lead/Lag Analysis found in Docket 18-089, Attachment CJG-2.

49  
50 Note 3-- Revenue credits include Hydro-Quebec 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**  
**January 2018 - July 2018**

(Dollars in 000s)

	<b>Actual</b>							<b>Total</b>
	January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018	
1 <b>Retail Transmission Revenues</b>								
2								
3 Transmission Revenue - Billed	\$ (17,274)	\$ (15,398)	\$ (14,482)	\$ (14,427)	\$ (13,307)	\$ (14,542)	\$ (16,716)	\$ (106,146)
4								
5 Transmission Revenue - Unbilled	\$ 919	\$ 1,478	\$ (404)	\$ 1,468	\$ (1,662)	\$ (67)	\$ (1,634)	99
6								
7 <b>Total</b>	<u>\$ (16,356)</u>	<u>\$ (13,920)</u>	<u>\$ (14,886)</u>	<u>\$ (12,958)</u>	<u>\$ (14,969)</u>	<u>\$ (14,609)</u>	<u>\$ (18,350)</u>	<u>\$ (106,047)</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**  
**August 2018 - January 2019**

(Dollars in 000s)

	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019	Total
1 <b>Retail Transmission Revenues</b>							
2							
3 Transmission Revenue - Billed	\$ (16,550)	\$ (13,870)	\$ (11,454)	\$ (11,499)	\$ (12,392)	\$ (12,944)	\$ (78,709)
4							
5 Transmission Revenue - Unbilled	\$ 1,563	\$ 2,380	\$ (1,240)	\$ (199)	\$ 425	\$ (595)	2,333
6							
7 Total	<u>\$ (14,988)</u>	<u>\$ (11,491)</u>	<u>\$ (12,693)</u>	<u>\$ (11,698)</u>	<u>\$ (11,967)</u>	<u>\$ (13,539)</u>	<u>\$ (76,376)</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**  
February 2019 - July 2019

(Dollars in 000s)

					<b>Forecast</b>		<b>Total</b>
	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	
1 <b>Retail Transmission Revenues</b>							
2							
3 Transmission Revenue - Billed	\$ (12,460)	\$ (11,797)	\$ (11,110)	\$ (10,896)	\$ (12,133)	\$ (13,658)	\$ (72,054)
4							
5 Transmission Revenue - Unbilled	\$ 1,266	\$ (182)	\$ 573	\$ 205	\$ -	\$ -	1,862
6							
7 <b>Total</b>	<u>\$ (11,194)</u>	<u>\$ (11,979)</u>	<u>\$ (10,537)</u>	<u>\$ (10,691)</u>	<u>\$ (12,133)</u>	<u>\$ (13,658)</u>	<u>\$ (70,192)</u>
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, 2020  
Monthly Working Capital Allowance Calculation  
(\$ in 000s)

Line	Retail Transmission Cost	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2019	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug-Jul Total	Source
1	Regional Network Service (RNS)	15,588	14,375	13,424	10,317	11,297	11,931	12,500	12,034	11,427	9,935	11,688	14,011	148,527	Attachment ELM/DFB-1 Page 2 Line 3 & 31
2	(RNS) Working Capital Allowance Percent	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%		Page 2, Line 1
3	Scheduling and Dispatch (S&D)	221	204	191	147	161	170	178	171	162	141	166	199	2,111	Attachment ELM/DFB-1 Page 2 Line 5 & 33
4	(S&D) Working Capital Allowance Percent	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%	-4.60%		Page 2, Line 2
5	Local Network Service (LNS)	1,590	1,590	1,590	1,590	1,590	1,878	1,878	1,878	1,878	1,878	1,878	1,878	21,096	Attachment ELM/DFB-1 Page 2 Line 7 & 35
6	(LNS) Working Capital Allowance Percent	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%	1.77%		Page 2, Line 3
7	Reliability	432	432	432	432	432	440	432	441	441	441	441	441	5,238	Attachment ELM/DFB-1 Page 2 Line 9 & 37
8	(Reliability) Working Capital Allowance Percent	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%	-4.61%		Page 2, Line 4
9	Hydro-Quebec Interconnection Capacity Credits	(720)	(720)	(720)	(720)	(720)	(720)	(720)	(720)	(720)	(720)	(546)	(546)	(8,294)	Attachment ELM/DFB-1 Page 2 Line 11 & 39
10	(HQ ICC) Working Capital Allowance Percent	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%	-4.48%		Page 2, Line 5
11	Hydro-Quebec Support Costs	338	338	338	338	338	349	349	349	349	349	349	349	4,137	Attachment ELM/DFB-1 Page 2 Line 13 & 41
12	(HQ Support Costs) Working Capital Allowance Percent	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%	13.15%		Page 2, Line 6
13	Monthly Working Capital Allowance	(644)	(587)	(543)	(398)	(443)	(467)	(493)	(472)	(443)	(373)	(463)	(572)	(5,899)	Ln 1*Ln 2 + Ln 3*Ln 4 + Ln 5*Ln 6 + Ln 7*Ln 8 + Ln 9*Ln 10 + Ln 11*Ln 12
14	Rate of Return	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%		Authorized Return per DE 09-035 including tax gross up
15	Monthly Return on Working Capital	<u>\$ (61)</u>	<u>\$ (55)</u>	<u>\$ (51)</u>	<u>\$ (37)</u>	<u>\$ (42)</u>	<u>\$ (44)</u>	<u>\$ (46)</u>	<u>\$ (44)</u>	<u>\$ (42)</u>	<u>\$ (35)</u>	<u>\$ (44)</u>	<u>\$ (54)</u>	<u>(554)</u>	Line 13*Line 14

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018

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	46.9	63.8	(16.8)	-4.61%	146,690,512	(6,764,660)
2	S&D	46.9	63.7	(16.8)	-4.60%	2,229,142	(102,502)
3	LNS	46.9	40.5	6.5	1.77%	14,624,270	258,702
4	Reliability	46.9	63.7	(16.8)	-4.61%	5,216,835	(240,418)
5	Hydro-Quebec Interconnection Capacity Credits	46.9	63.3	(16.4)	-4.48%	(11,703,680)	524,722
6	HQ Expense	46.9	(1.1)	48.0	13.15%	4,191,126	551,284
7	<u>Total / Average</u>	<u>46.9</u>	<u>60.0</u>	<u>(13.1)</u>	<u>-3.58%</u>	<u>161,248,205</u>	<u>(5,772,872)</u>

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
Revenue Lag

Line	Components	Total	Reference
1	Average Accounts Receivable Balance	\$ 14,564,994	Page 4, Line 14
2	Annual Transmission Revenue	\$ 173,071,989	Attachment ELM/DFB-1, Page 3 (Line 3 + Line 19) + Page 4 (Line 3 + Line 19)
3	Average daily revenue	\$ 474,170	Line 2 / 365
4	Collection lag (days)	30.7	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>46.9</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, 2018  
Monthly Accounts Receivable Balances

Line	Date	AR Balance
1	January 2018	\$ 13,973,211
2	February 2018	15,646,442
3	March 2018	15,798,962
4	April 2018	15,146,819
5	May 2018	13,659,610
6	June 2018	14,743,572
7	July 2018	15,185,062
8	August 2018	15,251,728
9	September 2018	16,628,787
10	October 2018	12,321,524
11	November 2018	12,049,406
12	December 2018	14,374,802
13	Total	<u>\$ 174,779,926</u>
14	Average	<u><u>\$ 14,564,994</u></u>

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
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	12/01/2017	12/31/2017	12/16/2017	02/16/2018	62.0	\$ 12,837,973	\$ 795,954,326
2	February	01/01/2018	01/31/2018	01/16/2018	03/16/2018	59.0	12,307,657	726,151,763
3	March	02/01/2018	02/28/2018	02/14/2018	04/23/2018	67.5	11,433,685	771,773,738
4	April	03/01/2018	03/31/2018	03/16/2018	05/18/2018	63.0	10,718,404	675,259,452
5	May	04/01/2018	04/30/2018	04/15/2018	06/15/2018	60.5	9,868,905	597,068,753
6	June	05/01/2018	05/31/2018	05/16/2018	07/20/2018	65.0	10,834,430	704,237,950
7	July	06/01/2018	06/30/2018	06/15/2018	08/17/2018	62.5	13,232,908	827,056,750
8	August	07/01/2018	07/31/2018	07/16/2018	09/21/2018	67.0	14,308,080	958,641,360
9	September	08/01/2018	08/31/2018	08/16/2018	10/19/2018	64.0	15,636,850	1,000,758,400
10	October	09/01/2018	09/30/2018	09/15/2018	11/19/2018	64.5	14,025,800	904,664,100
11	November	10/01/2018	10/31/2018	10/16/2018	12/21/2018	66.0	10,664,303	703,843,998
12	December	11/01/2018	11/30/2018	11/15/2018	01/18/2019	63.5	10,821,517	687,166,330
13	Average					63.8	\$ 146,690,512	\$ 9,352,576,919

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
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	12/01/2017	12/31/2017	12/16/2017	02/16/2018	62.0	\$ 207,210	\$ 12,847,020
2	February	01/01/2018	01/31/2018	01/16/2018	03/16/2018	59.0	198,650	11,720,350
3	March	02/01/2018	02/28/2018	02/14/2018	04/23/2018	67.5	184,544	12,456,720
4	April	03/01/2018	03/31/2018	03/16/2018	05/18/2018	63.0	172,999	10,898,937
5	May	04/01/2018	04/30/2018	04/15/2018	06/15/2018	60.5	159,287	9,636,864
6	June	05/01/2018	05/31/2018	05/16/2018	07/20/2018	65.0	174,872	11,366,680
7	July	06/01/2018	06/30/2018	06/15/2018	08/17/2018	62.5	188,781	11,798,813
8	August	07/01/2018	07/31/2018	07/16/2018	09/21/2018	67.0	207,259	13,886,353
9	September	08/01/2018	08/31/2018	08/16/2018	10/19/2018	64.0	224,884	14,392,576
10	October	09/01/2018	09/30/2018	09/15/2018	11/19/2018	64.5	201,691	13,009,070
11	November	10/01/2018	10/31/2018	10/16/2018	12/21/2018	66.0	153,352	10,121,232
12	December	11/01/2018	11/30/2018	11/15/2018	01/18/2019	63.5	155,613	9,881,426
13	Average					63.7	\$ 2,229,142	\$ 142,016,039



Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
LNS

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	Vermont Electric Power Co	12/01/2017	12/31/2017	12/16/2017	01/26/2018	41.0	\$ 70,145	\$ 2,875,945
2	February	Vermont Electric Power Co	01/01/2018	01/31/2018	01/16/2018	02/28/2018	43.0	1,374	59,082
3	March	Vermont Electric Power Co	02/01/2018	02/28/2018	02/14/2018	03/19/2018	32.5	(36,700)	(1,192,750)
4	April	Vermont Electric Power Co	03/01/2018	03/31/2018	03/16/2018	04/16/2018	31.0	35,072	1,087,232
5	May	Vermont Electric Power Co	04/01/2018	04/30/2018	04/15/2018	05/23/2018	37.5	127,489	4,780,838
6	June	Vermont Electric Power Co	05/01/2018	05/31/2018	05/16/2018	06/25/2018	40.0	104,199	4,167,960
7	July	Vermont Electric Power Co	06/01/2018	06/30/2018	06/15/2018	07/31/2018	45.5	117,742	5,357,261
8	August	Vermont Electric Power Co	07/01/2018	07/31/2018	07/16/2018	08/23/2018	38.0	(55,956)	(2,126,328)
9	September	Vermont Electric Power Co	08/01/2018	08/31/2018	08/16/2018	09/25/2018	40.0	13,454	538,160
10	October	Vermont Electric Power Co	09/01/2018	09/30/2018	09/15/2018	10/25/2018	39.5	348	13,746
11	November	Vermont Electric Power Co	10/01/2018	10/31/2018	10/16/2018	11/19/2018	34.0	64,000	2,176,000
12	December	Vermont Electric Power Co	11/01/2018	11/30/2018	11/15/2018	12/26/2018	40.5	102,689	4,158,900
13	January	Green Mountain Power Corp.	12/01/2017	12/31/2017	12/16/2017	01/31/2018	46.0	109,304	5,027,984
14	February	Green Mountain Power Corp.	01/01/2018	01/31/2018	01/16/2018	03/06/2018	49.0	125,437	6,146,413
15	March	Green Mountain Power Corp.	02/01/2018	02/28/2018	02/14/2018	03/30/2018	43.5	136,218	5,925,483
16	April	Green Mountain Power Corp.	03/01/2018	03/31/2018	03/16/2018	05/04/2018	49.0	130,826	6,410,474
17	May	Green Mountain Power Corp.	04/01/2018	04/30/2018	04/15/2018	06/04/2018	49.5	122,049	6,041,426
18	June	Green Mountain Power Corp.	05/01/2018	05/31/2018	05/16/2018	07/03/2018	48.0	122,199	5,865,552
19	July	Green Mountain Power Corp.	06/01/2018	06/30/2018	06/15/2018	08/04/2018	49.5	139,389	6,899,756
20	August	Green Mountain Power Corp.	07/01/2018	07/31/2018	07/16/2018	08/31/2018	46.0	125,609	5,778,014
21	September	Green Mountain Power Corp.	08/01/2018	08/31/2018	08/16/2018	09/28/2018	43.0	136,038	5,849,634
22	October	Green Mountain Power Corp.	09/01/2018	09/30/2018	09/15/2018	10/31/2018	45.5	134,205	6,106,328
23	November	Green Mountain Power Corp.	10/01/2018	10/31/2018	10/16/2018	11/30/2018	45.0	116,919	5,261,355
24	December	Green Mountain Power Corp.	11/01/2018	11/30/2018	11/15/2018	12/31/2018	45.5	117,507	5,346,569
25	January	Intercompany	01/01/2018	01/31/2018	01/16/2018	02/22/2018	37.0	548,532	20,295,684
26	February	Intercompany	02/01/2018	02/28/2018	02/14/2018	03/22/2018	35.5	543,501	19,294,286
27	March	Intercompany	03/01/2018	03/31/2018	03/16/2018	04/26/2018	41.0	546,466	22,405,106
28	April	Intercompany	04/01/2018	04/30/2018	04/15/2018	05/24/2018	38.5	547,314	21,071,589
29	May	Intercompany	05/01/2018	05/31/2018	05/16/2018	06/27/2018	42.0	549,910	23,096,220
30	June	Intercompany	06/01/2018	06/30/2018	06/15/2018	07/26/2018	40.5	6,495,676	263,074,878
31	July	Intercompany	07/01/2018	07/31/2018	07/16/2018	08/23/2018	38.0	560,275	21,290,450
32	August	Intercompany	08/01/2018	08/31/2018	08/16/2018	09/26/2018	41.0	556,589	22,820,149
33	September	Intercompany	09/01/2018	09/30/2018	09/15/2018	10/25/2018	39.5	558,230	22,050,085
34	October	Intercompany	10/01/2018	10/31/2018	10/16/2018	11/21/2018	36.0	551,127	19,840,572
35	November	Intercompany	11/01/2018	11/30/2018	11/15/2018	12/28/2018	42.5	553,656	23,530,380
36	December	Intercompany	12/01/2018	12/31/2018	12/16/2018	01/22/2019	37.0	552,795	20,453,415
37	March	New England Power	03/01/2018	03/31/2018	03/16/2018	05/17/2018	62.0	219	13,578
38	April	New England Power	04/01/2018	04/30/2018	04/15/2018	06/22/2018	67.5	424	28,620
Average							40.5	\$ 14,624,270	\$ 591,820,043

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
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	12/01/2017	12/31/2017	12/16/2017	02/16/2018	62.0	\$ 416,008	\$ 25,792,496
2	February	01/01/2018	01/31/2018	01/16/2018	03/16/2018	59.0	453,783	26,773,197
3	March	02/01/2018	02/28/2018	02/14/2018	04/23/2018	67.5	431,275	29,111,063
4	April	03/01/2018	03/31/2018	03/16/2018	05/18/2018	63.0	418,830	26,386,290
5	May	04/01/2018	04/30/2018	04/15/2018	06/15/2018	60.5	408,299	24,702,090
6	June	05/01/2018	05/31/2018	05/16/2018	07/20/2018	65.0	388,868	25,276,420
7	July	06/01/2018	06/30/2018	06/15/2018	08/17/2018	62.5	398,692	24,918,250
8	August	07/01/2018	07/31/2018	07/16/2018	09/21/2018	67.0	457,814	30,673,538
9	September	08/01/2018	08/31/2018	08/16/2018	10/19/2018	64.0	480,865	30,775,360
10	October	09/01/2018	09/30/2018	09/15/2018	11/19/2018	64.5	496,489	32,023,541
11	November	10/01/2018	10/31/2018	10/16/2018	12/21/2018	66.0	454,339	29,986,374
12	December	11/01/2018	11/30/2018	11/15/2018	01/18/2019	63.5	411,573	26,134,886
13	Average					63.7	\$ 5,216,835	\$ 332,553,503

Public Service Company of New Hampshire d/b/a Eversource Energy  
Retail Transmission Cash Working Capital Requirement  
Year Ending December 31, 2018  
HQ ICC

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	12/01/2017	12/31/2017	12/16/2017	02/16/2018	62.0	\$ (905,342)	\$ (56,131,204)
2	February	01/01/2018	01/31/2018	01/16/2018	03/14/2018	57.0	(904,959)	(51,582,663)
3	March	02/01/2018	02/28/2018	02/14/2018	04/19/2018	63.5	(902,093)	(57,282,906)
4	April	03/01/2018	03/31/2018	03/16/2018	05/18/2018	63.0	(904,337)	(56,973,231)
5	May	04/01/2018	04/30/2018	04/15/2018	06/15/2018	60.5	(903,211)	(54,644,266)
6	June	05/01/2018	05/31/2018	05/16/2018	07/20/2018	65.0	(919,955)	(59,797,075)
7	July	06/01/2018	06/30/2018	06/15/2018	08/17/2018	62.5	(1,140,672)	(71,292,000)
8	August	07/01/2018	07/31/2018	07/16/2018	09/21/2018	67.0	(1,032,755)	(69,194,585)
9	September	08/01/2018	08/31/2018	08/16/2018	10/19/2018	64.0	(1,033,521)	(66,145,344)
10	October	09/01/2018	09/30/2018	09/15/2018	11/19/2018	64.5	(1,026,612)	(66,216,474)
11	November	10/01/2018	10/31/2018	10/16/2018	12/21/2018	66.0	(1,016,666)	(67,099,956)
12	December	11/01/2018	11/30/2018	11/15/2018	01/18/2019	63.5	(1,013,557)	(64,360,870)
13	Average					63.3	\$ (11,703,680)	\$ (740,720,573)

Public Service Company of New Hampshire d/b/a Eversource Energy  
 Retail Transmission Cash Working Capital Requirement  
 Year Ending December 31, 2018  
 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	01/01/2018	01/31/2018	01/16/2018	01/12/2018	(4.0)	\$ 274,605	\$ (1,098,421)
2	February	New England Hydro Transmission - HQ Phase II	02/01/2018	02/28/2018	02/14/2018	02/15/2018	0.5	249,241	124,620
3	March	New England Hydro Transmission - HQ Phase II	03/01/2018	03/31/2018	03/16/2018	03/15/2018	(1.0)	289,404	(289,404)
4	April	New England Hydro Transmission - HQ Phase II	04/01/2018	04/30/2018	04/15/2018	04/13/2018	(2.5)	287,139	(717,847)
5	May	New England Hydro Transmission - HQ Phase II	05/01/2018	05/31/2018	05/16/2018	05/15/2018	(1.0)	292,333	(292,333)
6	June	New England Hydro Transmission - HQ Phase II	06/01/2018	06/30/2018	06/15/2018	06/15/2018	(0.5)	292,726	(146,363)
7	July	New England Hydro Transmission - HQ Phase II	07/01/2018	07/31/2018	07/16/2018	07/13/2018	(3.0)	275,373	(826,120)
8	August	New England Hydro Transmission - HQ Phase II	08/01/2018	08/31/2018	08/16/2018	08/15/2018	(1.0)	252,098	(252,098)
9	September	New England Hydro Transmission - HQ Phase II	09/01/2018	09/30/2018	09/15/2018	09/14/2018	(1.5)	317,195	(475,793)
10	October	New England Hydro Transmission - HQ Phase II	10/01/2018	10/31/2018	10/16/2018	10/15/2018	(1.0)	329,341	(329,341)
11	November	New England Hydro Transmission - HQ Phase II	11/01/2018	11/30/2018	11/15/2018	11/15/2018	(0.5)	709,759	(354,880)
12	December	New England Hydro Transmission - HQ Phase II	12/01/2018	12/31/2018	12/16/2018	12/14/2018	(2.0)	325,548	(651,097)
13	January	Vermont Electric Transmission Co.	01/01/2018	01/31/2018	01/16/2018	01/23/2018	7.0	12,815	89,703
14	February	Vermont Electric Transmission Co.	02/01/2018	02/28/2018	02/14/2018	02/16/2018	1.5	10,419	15,628
15	March	Vermont Electric Transmission Co.	03/01/2018	03/31/2018	03/16/2018	03/16/2018	-	10,716	0
16	April	Vermont Electric Transmission Co.	04/01/2018	04/30/2018	04/15/2018	04/20/2018	4.5	9,724	43,757
17	May	Vermont Electric Transmission Co.	05/01/2018	05/31/2018	05/16/2018	05/23/2018	7.0	8,895	62,264
18	June	Vermont Electric Transmission Co.	06/01/2018	06/30/2018	06/15/2018	06/15/2018	(0.5)	11,923	(5,962)
19	July	Vermont Electric Transmission Co.	07/01/2018	07/31/2018	07/16/2018	07/24/2018	8.0	29,681	237,445
20	August	Vermont Electric Transmission Co.	08/01/2018	08/31/2018	08/16/2018	08/24/2018	8.0	22,922	183,376
21	September	Vermont Electric Transmission Co.	09/01/2018	09/30/2018	09/15/2018	09/19/2018	3.5	11,024	38,584
22	October	Vermont Electric Transmission Co.	10/01/2018	10/31/2018	10/16/2018	10/17/2018	1.0	29,496	29,496
23	November	Vermont Electric Transmission Co.	11/01/2018	11/30/2018	11/15/2018	11/21/2018	5.5	29,904	164,470
24	December	Vermont Electric Transmission Co.	12/01/2018	12/31/2018	12/16/2018	12/21/2018	5.0	11,364	56,818
25	January	NE Electric Transmission - HQ Phase I	01/01/2018	01/31/2018	01/16/2018	01/12/2018	(4.0)	6,223	(24,891)
26	February	NE Electric Transmission - HQ Phase I	02/01/2018	02/28/2018	02/14/2018	02/15/2018	0.5	6,726	3,363
27	March	NE Electric Transmission - HQ Phase I	03/01/2018	03/31/2018	03/16/2018	03/15/2018	(1.0)	6,293	(6,293)
28	April	NE Electric Transmission - HQ Phase I	04/01/2018	04/30/2018	04/15/2018	04/13/2018	(2.5)	14,533	(36,333)
29	May	NE Electric Transmission - HQ Phase I	05/01/2018	05/31/2018	05/16/2018	05/15/2018	(1.0)	9,302	(9,302)
30	June	NE Electric Transmission - HQ Phase I	06/01/2018	06/30/2018	06/15/2018	06/15/2018	(0.5)	8,618	(4,309)
31	July	NE Electric Transmission - HQ Phase I	07/01/2018	07/31/2018	07/16/2018	07/13/2018	(3.0)	7,682	(23,045)
32	August	NE Electric Transmission - HQ Phase I	08/01/2018	08/31/2018	08/16/2018	08/15/2018	(1.0)	7,875	(7,875)
33	September	NE Electric Transmission - HQ Phase I	09/01/2018	09/30/2018	09/15/2018	09/14/2018	(1.5)	8,388	(12,582)
34	October	NE Electric Transmission - HQ Phase I	10/01/2018	10/31/2018	10/16/2018	10/15/2018	(1.0)	9,702	(9,702)
35	November	NE Electric Transmission - HQ Phase I	11/01/2018	11/30/2018	11/15/2018	11/15/2018	(0.5)	4,527	(2,263)
36	December	NE Electric Transmission - HQ Phase I	12/01/2018	12/31/2018	12/16/2018	12/13/2018	(3.0)	7,615	(22,844)
37	Average						(1.1)	\$ 4,191,126	\$ (4,549,573)