




RNS Rate Effective January 1, 2025

PTO AC – Rates Working Group Presentation
NEPOOL RC/TC Summer Meeting
August 13, 2024

Presentation Overview

-  Formula Rate Annual Update Protocols
-  General Rate Overview: January 1, 2025 RNS Rate
-  Appendix

Formula Rate Annual Update Protocols

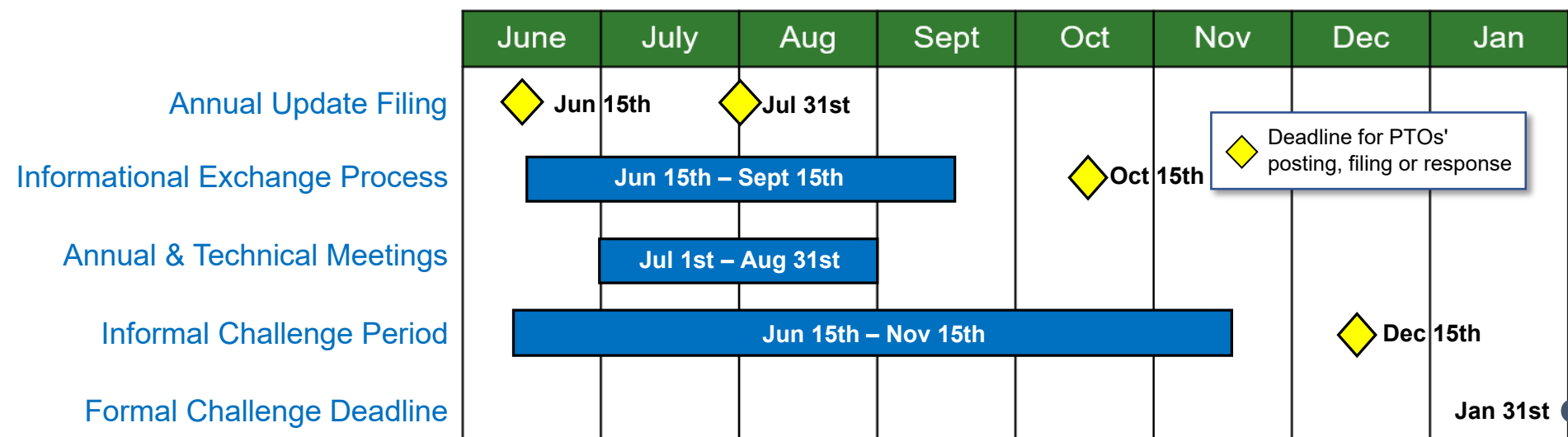
Formula Rate Annual Update Protocols

Formula Rate Calculation

- In accordance with Attachment F of the ISO-NE Open Access Transmission Tariff (OATT), calculated actual 2023 revenue requirements plus the 2024/2025 forecast to derive the RNS rate effective January 1, 2025

Annual Protocols Timeline

- Pursuant to the Tariff Protocols, today's meeting provides the PTOs the opportunity to explain the RNS rate change generally and will be followed by a Technical Session on August 16, 2024 where interested parties can seek additional information and clarifications on the revenue requirement calculation and RNS rate change



General Rate Overview: January 1, 2025 RNS Rate

Summary of 2025 RNS Rate Change

RNS Rate (\$/kW-year) as of January 1, 2024 = \$154.35

Forecast (slide 8)

- PTOs' 2024 & 2025 5Q average Regional project additions ~\$2.1B
- Incremental forecasted revenue requirements ~\$50M
- 2023 actual RR lower than forecasted incremental RR ("base")

\$10.20

True-Up (slide 9)

- Difference between prior year billed, including forecast, and current year actual costs
- Under-collection of \$192M or ~6.8% on \$2.8B RR largely driven by ~5.3% lower 2023 12CP load compared to 2021 12CP load utilized to develop the 2023 RNS rate accounting for \$11/kW-year of increase^(a)

\$13.80

Billing Determinant (slide 10)

- Decrease in 2023 12CP load of 518MW or ~2.8%

\$5.21^(a)

Other Revenue Requirements (slide 10)

- PTO-specific Prior Year adjustment variances

\$1.71

\$30.92^(b)

RNS Rate (\$/kW-year) as of January 1, 2025 = \$185.28

(a) Total impact of lower 2023 12CP load on overall RNS rate change is \$16.21/kW-year [\$11/kW-year + \$5.21/kW-year] or ~52% .

(b) \$0.01 variance between the beginning and ending rates due to rounding.

Summary Annual Transmission Revenue Requirements (“ATRR”)

Columns (B), (C), and (D) in Millions of \$						
(A)	(B)	(C)	(D) = (C) - (B)	(E) = (C) / (C Ln 17) – (B) / (B Ln 17)		
PTO	ATRR 1/1/2024	ATRR 1/1/2025	ATRR Change Incr./ (Decr.)	RNS Rate Change Incr./ (Decr.) (\$/kW-year)		
1 Central Maine Power Company	\$ 176.9	\$ 234.8	\$ 57.9	\$ 3.51		
2 The Connecticut Light and Power Company	744.1	847.0	102.9	6.91		
3 CT Transmission Municipal Electric Energy	9.8	11.2	1.4	0.09		
4 Maine Electric Power Company	25.6	21.4	(4.2)	(0.20)		
5 MA Municipal Wholesale Electric Company	4.7	5.2	0.5	0.03		
6 The Narragansett Electric Co. d/b/a RI Energy	130.3	131.9	1.6	0.29		
7 New England Power Company	422.1	485.4	63.3	4.20		
8 New Hampshire Transmission, LLC	26.3	28.4	2.1	0.16		
9 NSTAR Electric Company (East)	391.7	450.4	58.7	3.89		
10 NSTAR Electric Company (West)	198.4	227.7	29.3	1.95		
11 Public Service Company of New Hampshire	327.7	426.5	98.8	6.03		
12 The United Illuminating Company	144.1	175.9	31.8	2.00		
13 Vermont Transco, LLC	186.9	207.9	21.0	1.47		
14 Versant Power	38.9	44.8	5.9	0.39		
15 All Other PTOs	17.4	20.4	3.0	0.20		
16 Total (Sum of Line 1 thru Line 15)	\$ 2,844.9	\$ 3,318.9	\$ 474.0	\$ 30.92		
17 2023 12CP RNS Load (kW)	18,431,168	17,913,050	(518,118)			
18 1/1/25 RNS Rate Impact (\$/kW-year)¹	\$ 154.35	\$ 185.28		\$ 30.92		

¹ Amounts may not foot due to rounding.

January 1, 2025 RNS Rate Forecast Summary

Columns (B), (C) and (E) in Millions of \$					
(A)	(B)	(C)	(D)	(E) = ((B) + (C)) * (D)	
PTO	2024 Forecasted Regional Additions	2025 5Q Average Regional Additions	Carrying Charge Factor (2024 /2025 Blended)	2024 + 2025 Forecasted Regional Rev. Reqmnts.	
1 Central Maine Power Company	\$ 25.1	\$ 21.1	8.97%	\$ 4.1	
2 The Connecticut Light and Power Company	300.5	91.6	14.04%	55.1	
3 CT Transmission Municipal Electric Energy	11.2	0.7	10.17%	1.2	
4 Maine Electric Power Company	0.4	2.8	12.35%	0.4	
5 MA Municipal Wholesale Electric Company	0.1	0.1	13.05%	0.0	
6 The Narragansett Electric Co. d/b/a RI Energy	38.1	35.4	13.25%	9.7	
7 New England Power Company	198.6	84.0	14.90%	42.1	
8 New Hampshire Transmission, LLC	0.5	0.4	4.91%	0.0	
9 NSTAR Electric Company (East)	580.6	80.1	13.08%	86.4	
10 NSTAR Electric Company (West)	83.0	20.6	14.17%	14.7	
11 Public Service Company of New Hampshire	278.2	96.6	17.14%	64.2	
12 The United Illuminating Company ⁽¹⁾	85.0	19.5	17.33%	18.1	
13 Vermont Transco, LLC	37.8	21.0	16.23%	9.6	
14 Versant Power	34.2	0.0	11.26%	3.9	
15 All Other PTOs	0.2	0.7	21.87%	0.2	
16 Total (Sum of Line 1 thru Line 15)	\$ 1,673.3	\$ 474.6		\$ 309.7	
17 Less: 2024 5Q Average Forecasted Revenue Requirements in 1/1/24 Rate				(70.5)	
18 Less: Base Revenue Requirement Reset & Billing Determinant Impact				(56.5)	
19 Total Incremental Forecasted Revenue Requirements				\$ 182.7	
20 2023 12CP RNS Load (kW)				17,913,050	
21 1/1/25 RNS Rate Impact (\$/kW-year)				\$ 10.20	

⁽¹⁾ United Illuminating Forecasted Regional Additions include CWIP related to the Pequonnock Station approved by FERC for inclusion in regional rates.

January 1, 2025 RNS Rate Annual True-Up Summary

Columns (B) – (D) in Millions of \$					
(A)	(B)		(C)	(D) = (C) - (B)	
PTO	Regional 2022 True-up		Regional 2023 True-up	Difference (Over)/Under Collection	
					(E) = (D) / Load 1/1/25 RNS Rate Impact (\$/kW-yr.)
1 Central Maine Power Company	\$	(17.2)	\$	8.1 \$	25.3 \$
2 The Connecticut Light and Power Company		(23.1)		44.2	67.3
3 CT Transmission Municipal Electric Energy		(0.5)		0.4	0.9
4 Maine Electric Power Company		0.9		(2.1)	(3.0)
5 MA Municipal Wholesale Electric Company		1.1		1.3	0.2
6 The Narragansett Electric Co. d/b/a RI Energy		-		(0.3)	(0.3)
7 New England Power Company		30.0		44.1	14.1
8 New Hampshire Transmission, LLC		(0.3)		2.2	2.5
9 NSTAR Electric Company (East)		(1.8)		16.7	18.5
10 NSTAR Electric Company (West)		(0.1)		16.8	16.9
11 Public Service Company of New Hampshire		11.1		48.0	36.9
12 The United Illuminating Company		(24.3)		(1.0)	23.3
13 Vermont Transco, LLC		(1.6)		10.2	11.8
14 Versant Power		(2.0)		1.7	3.7
15 All Other PTOs		0.3		1.7	1.4
16 Total (Sum of Line 1 thru Line 15)	\$	(27.5)	\$	192.0	219.5
17 Interest on Difference					34.9
18 Less: Billing Determinant Impact					(0.40)
19 Total True-up				\$	254.4
20 2023 12CP RNS Load (kW)					17,913,050

January 1, 2025 RNS Rate - Other Revenue Requirements

<u>RNS Billing Determinant</u>			1/1/25 RNS Rate (\$/kW-year)
1	RNS ATRR @ 1/1/25	\$	3,318.9
2	2022 12CP RNS Load (kW)	18,431,168	\$ 180.07
3	2023 12CP RNS Load (kW)	17,913,050	185.28
4	1/1/25 RNS Rate Impact (\$kW-year) (Line 3 - Line 2)		\$ 5.21

<u>Other Revenue Requirements</u>		Regional Rev Req (\$ in Millions)	1/1/25 RNS Rate (\$/kW-year)
1	Prior Years PTO Adjustments in 1/1/24 RNS Rate	\$ (25.5)	
2	Prior Years PTO Adjustments in 1/1/25 RNS Rate	6.0	
3	Prior Years PTO Adjustments Variance (Line 2 - Line 1)	\$ 31.5	\$ 1.76
4	Less: Billing Determinant Impact on PTO Adjustments		0.05
5	Prior Years PTO Adjustments Variance (Line 3 - Line 4)		\$ 1.71



THANK YOU!

ANY QUESTIONS?

Appendix

REGIONAL INVESTMENT HISTORY

HISTORICAL RNS RATES

Regional Investment (\$ in Millions) and RNS Rates History (\$/kW-year)

	Avangrid	CTMEEC	Eversource	MMWEC	NGRID	NHT	RIE	VTransco	Versant Power	All Other PTOs	Total
12/31/2014	1,948.4	62.1	5,772.3	8.8	1,466.6	62.7	-	802.5	344.4	131.7	10,599.5
12/31/2015	2,384.3	62.7	6,417.3	9.0	1,702.5	63.5	-	837.3	355.6	130.3	11,962.5
12/31/2016	2,478.5	64.7	7,071.9	9.2	1,860.4	66.1	-	814.9	355.7	141.4	12,862.8
12/31/2017	2,538.6	64.9	7,674.7	9.6	1,956.6	69.5	-	961.5	355.8	99.6	13,730.8
12/31/2018	2,794.4	65.6	8,466.6	11.0	2,018.6	74.3	-	1,034.8	356.0	92.7	14,914.0
12/31/2019	2,863.6	65.9	9,171.5	13.5	2,202.7	87.5	-	1,076.3	360.0	101.1	15,942.1
12/31/2020	2,971.9	66.1	9,892.1	16.3	2,317.1	104.8	-	1,109.9	367.2	101.2	16,946.6
12/31/2021	3,019.4	66.1	10,614.5	16.4	3,263.2	107.0	-	1,155.8	368.7	104.6	18,715.7
12/31/2022	3,091.0	66.4	11,312.9	20.5	2,661.0	132.6	858.7	1,188.7	370.7	105.8	19,808.3
12/31/2023	3,107.0	72.4	11,997.3	21.3	2,843.4	159.3	903.8	1,219.1	369.3	118.0	20,810.9
	06/01/16	06/01/17	06/01/18	06/01/19	06/01/20	06/01/21	01/01/22	01/01/23	01/01/24	01/01/25	
Historical RNS Rates	104.10	111.96	110.43	111.94	129.26	140.98	142.78	141.64	154.35	185.28	