

July 7, 2023

VIA ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket No. 22-49-EL-The Narragansett Electric Company d/b/a Rhode Island Energy
Advanced Metering Functionality Business Case
Responses to PUC Data Requests – PUC Set 7**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (“Rhode Island Energy” or the “Company”), attached is the electronic version of Rhode Island Energy’s responses to the Public Utilities Commission’s Seventh Set of Data Requests in the above-referenced matter, specifically PUC 7-10 and PUC 7-14, PUC 7-23 Supplemental, and PUC 7-25 Supplemental.¹ This completes the Company’s responses to the Seventh Set of Data Requests.

This filing includes a Motion for Protective Treatment of Confidential Information in accordance with Commission Rules of Practice and Procedure 1.3(H)(3) and R.I. Gen. Laws § 38-2-2(4) for one of the attachments to PUC 7-14, which contains confidential and proprietary business information. For the reasons stated in the Motion for Protective Treatment, the Company seeks protection from public disclosure of the entirety of Confidential Excel Attachment PUC 7-14-1. The Company also has provided the Commission Confidential Excel Attachment PUC 7-14-1 by way of a secure, confidential link and has included a slip sheet in place of this Confidential Attachment for the public filing.

¹ Per communication from Commission counsel on October 4, 2021, the Company is submitting an electronic version of this filing followed by hard copies filed with the Clerk within 24 hours of the electronic filing.

Luly E. Massaro, Commission Clerk
Docket No. 22-49-EL – AMF Business Case
July 7, 2023
Page 2 of 5

Thank you for your time and attention to this matter. If you have any questions, please contact Jennifer Brooks Hutchinson at 401-316-7429.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket No. 22-49-EL Service List
John Bell, Division
Leo Wold, Esq.

CERTIFICATE OF SERVICE

I certify that a copy of the within documents was forwarded by e-mail to the Service List in the above docket on the 7th day of July, 2023.



Adam M. Ramos, Esq.

The Narragansett Electric Company d/b/a Rhode Island Energy
Docket No. 22-49-EL Advanced Meter Functionality (AMF)
Service list updated 4/17/2023

Name/Address	E-mail Distribution List	Phone
The Narragansett Electric Company d/b/a Rhode Island Energy Jennifer Hutchinson, Esq. 280 Melrose Street Providence, RI 02907	JHutchinson@pplweb.com ; JScanlon@pplweb.com ; COBrien@pplweb.com ; CAGill@RIEnergy.com ; JOliveira@pplweb.com ; BLJohnson@pplweb.com ; SBriggs@pplweb.com ; KGrant@RIEnergy.com ; wanda.reder@gridxpartners.com ; PJWalnock@pplweb.com ;	401-784-7288
Hinckley Allen Adam Ramos, Esq.	aramos@hinckleyallen.com ; cdieter@hinckleyallen.com ; cwhaley@hinckleyallen.com ;	401-457-5164

100 Westminster Street, Suite 1500 Providence, RI 02903-2319	ssuh@hinckleyallen.com ;	
Division of Public Utilities (Division) Leo Wold, Esq. Christy Hetherington, Esq. Division of Public Utilities and Carriers 89 Jefferson Blvd. Warwick, RI 02888	Leo.Wold@dpuc.ri.gov ;	401-780-2177
	Christy.Hetherington@dpuc.ri.gov ;	
	Margaret.L.Hogan@dpuc.ri.gov ;	
	John.bell@dpuc.ri.gov ;	
	Al.contente@dpuc.ri.gov ;	
	Joel.munoz@dpuc.ri.gov ;	
	Linda.George@dpuc.ri.gov ;	
	Ellen.golde@dpuc.ri.gov ;	
	Machaela.Seaton@dpuc.ri.gov ;	
	Al.mancini@dpuc.ri.gov ;	
	Paul.Roberti@dpuc.ri.gov ;	
Thomas.kogut@dpuc.ri.gov ;		
John.spirito@dpuc.ri.gov ;		
Mike Brennan	mikebrennan099@gmail.com ;	
Robin Blanton	robin.blanton@ieee.org ;	
William Watson	wfwatson924@gmail.com ;	
David Littell	dlittell@bernsteinshur.com ;	
Gregory L. Booth, PLLC 14460 Falls of Neuse Rd. Suite 149-110 Raleigh, NC 27614	gboothpe@gmail.com ;	
Linda Kushner L. Kushner Consulting, LLC 514 Daniels St. #254 Raleigh, NC 27605	lkushner33@gmail.com ;	
Office of Attorney General Nick Vaz, Esq. 150 South Main St. Providence, RI 02903	nvaz@riag.ri.gov ;	401-274-4400 x 2297
	mbedell@riag.ri.gov ;	
Office of Energy Resources (OER) Albert Vitali, Esq. Dept. of Administration Division of Legal Services One Capitol Hill, 4 th Floor	Albert.Vitali@doa.ri.gov ;	401-222-8880
	nancy.russolino@doa.ri.gov ;	
	Christopher.Kearns@energy.ri.gov ;	
	Shauna.Beland@energy.ri.gov ;	
	Matthew.Moretta.CTR@energy.ri.gov ;	

Providence, RI 02908	Anika.Kreckel@energy.ri.gov ;	
Chris Kearns, OER	Steven.Chybowski@energy.ri.gov ;	
	Nathan.Cleveland@energy.ri.gov ;	
	William.Owen@energy.ri.gov ;	
Mission:data Coalition James G. Rhodes, Esq. Rhode Consulting LL 160 Woonsocket Hill Rd. North Smithfield, RI 20896	james@jrhodeslegal.com ;	401-225-3441
George Wiley Center Jennifer L. Wood, Executive Director R.I. Center for Justice 1 Empire Plaza, Suite 410 Providence, RI 02903	jwood@centerforjustice.org ;	
	georgewileycenterri@gmail.com ;	
	camiloviveiros@gmail.com ;	
NRG Retail Companies Craig Waksler, Esq. Eckert Seamans Cherin & Mellott, LLC Two International Place, 16 th Floor Boston, MA 02110	CWaksler@eckertseamans.com ;	617-342-6890
	Kmoury@eckertseamans.com ;	717-237-6000
	sstoner@eckertseamans.com ;	
Conservation Law Foundation (CLF) James Crowley, Esq. Conservation Law Foundation 235 Promenade Street Suite 560, Mailbox 28 Providence, RI 02908	jcrowley@clf.org ;	401-228-1905
	mcurran@clf.org ;	
Original & 9 copies file w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov ;	401-780-2107
	Cynthia.WilsonFrias@puc.ri.gov ;	
	Alan.nault@puc.ri.gov ;	
	Todd.bianco@puc.ri.gov ;	
	Emma.Rodvien@puc.ri.gov ;	
	Christopher.Caramello@puc.ri.gov ;	
Interested Parties:		
Victoria Scott (GOV)	Victoria.Scott@governor.ri.gov ;	
Seth Handy, Esq.	seth@handylawllc.com ;	
Stephan Wollenburg	swollenburg@seadvantage.com ;	
Mary McMahan	mmcmahan@seadvantage.com ;	
Jim Kennerly	jgifford@seadvantage.com ;	
Amy Moses	amoses@utilidata.com ;	

Luly E. Massaro, Commission Clerk
Docket No. 22-49-EL – AMF Business Case
July 7, 2023
Page 5 of 5

Amy Boyd, RI Director, Acadia Center	aboyd@acadiacenter.org ;	401-276-0600
Oliver Tully, Acadia Center	otully@acadiacenter.org ;	
Amanda Barker	amanda@greenenergyconsumers.org ;	
Larry Chretien	larry@greenenergyconsumers.org ;	
Nancy Lavin	nlavin@rhodeislandcurrent.com ;	

PUC 7-10

Data Requests Regarding Supplemental Testimony

Revenue Requirement and Recovery

Request:

The Division has recommended the Commission approve funding of capital investment in AMF through the ISR mechanism. Please provide new illustrative revenue requirements schedules reflecting this proposal. Please assume approval by Commission in September 2023 and that any revenue requirement adjustment related to the period following the approval through March 31, 2024 will be allowed to be included in the FY 2024 Reconciliation.

- a. For any capital investment placed into service prior to March 31, 2024 related to the AMF project, please itemize those investments and explain what function they are providing or will serve as of March 31, 2024.
- b. Please also update the schedules provided in response to PUC 1-11, PUC 1-12, and PUC 1-13 to reflect the Division's proposal to fund capital investment in AMF through the ISR.
- c. Please also reconcile the categorization of Wi-SUN as CapEx in PUC 1-11 with the Company's representation that all savings from elimination of Wi-SUN would be OpEx in response to PUC 6-4.
- d. Please reconcile any timing differences between Schedule SAB/BLJ-1 and PUC 1-11.

Response:

Please see Attachment PUC 7-10-1 for illustrative revenue requirements for FY 2024 through FY 2029 reflecting the Division's proposal to recover AMF capital investments (meters, capital network costs, and capital software costs) through the annual ISR mechanism. For each fiscal year on the illustrative revenue requirement, the Company would recover the forecasted amount over April to March of each year through the ISR mechanism and would be subject to reconciliation the following year through the current ISR reconciliation process.

Attachment PUC 7-10-1 is only the illustrative revenue requirement on the AMF capital costs and corresponds to the AMF capital revenue requirement that the Company provided on Schedule SAB/BLJ-1, Page 1, Line 4. For purposes of this response, the Company used the same capital investment amounts, timelines, and in-service process that were used in the original filing in the BCA and in the revenue requirement on Schedule SAB/BLJ-1. There are two timing

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

differences between Schedule SAB/BLJ-1 and the ISR recovery presented in Attachment PUC 7-10-1. First, the recovery period for the ISR mechanism is for 12-month periods of April to March each year. Second, as described in the Company's response to PUC 4-5 for network costs but also applicable to the meter and capital software categories, in the illustrative revenue requirement on Schedule SAB/BLJ-1, the Company had included program costs such as capitalized "vendor/external labor" costs as in-service in the year that the costs were forecasted to be spent. However, these program support costs will be allocated to the various capital investments that are being supported by these program costs and the allocated amounts will be included in the individual investment capital costs and placed into service when the specific investment(s) is determined to be capitalized, at which time those costs would be included in the revenue requirement for cost recovery through the approved cost recovery mechanism. The Company will not seek recovery of the program support costs prior to the applicable capital investments being placed in service and included for cost recovery. As such, for the illustrative revenue requirement in PUC 7-10-1, the Company has reflected the program support costs for meters, capitalized software and network costs as in-service and eligible for cost recovery in the same year that the actual meters, capitalized software and network investments are reflected.

Additionally, for calculating the illustrative revenue requirements on Attachment PUC 7-10, the Company used the most recent ISR plan revenue requirement model (FY 2024) and the assumptions in that model (such as book depreciation rates, property tax rates and current tax laws). In each ISR plan year, the actual ISR model may have updates for such items as property tax rates or tax impacts (if applicable). The calculation of the illustrative revenue requirement presents only the impact of the AMF capital investments placed in service and does not factor in other non-AMF capital investments that would be included in the ISR mechanism. In addition, for all years in this response, the illustrative revenue requirements were calculated using the FY 2024 ISR model assumptions and do not reflect potential changes that may occur in the ISR calculations once new base distribution rates are approved (such as new depreciation rates and weighted average cost of capital) as any potential changes are not known at this time. The Company used forecasted in-service dates for the capital investments to calculate the illustrative revenue requirement in this response; however, if the Commission were to approve recovery of the capital investments through the ISR mechanism, the Company would use the most recent forecasted in-service dates at the time of the annual ISR filing.

- a. The Company does not anticipate that any AMF capital investments will be placed into service prior to March 31, 2024.
- b. Please see Attachment PUC 7-10-2 for the updated schedules provided in response to PUC 1-11, PUC 1-12, and PUC 1-13, that reflect the Division's proposal to recover AMF capital investment through the annual ISR mechanism. The capital costs included on Attachment PUC 7-10-2 are the same amounts used

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

to calculate the revenue requirements on Attachment PUC 7-10-1. Attachment PUC 7-10-2 also reflects the update of in-service program support costs to align with the in-service date of the capital investments that the costs support, as further described above.

- c. In the Company's BCA, the estimated costs (total Nominal) for WiSun, including both Capex and Opex costs, are as follows:
- Software as a Service (SaaS) – WiSun (Implement): Tab 10-RI AMF Cost Model Line 80, total nominal of \$1,967,347 (Capex)
 - AMF WiSun RTB Cost: Tab 10-RI AMF Cost Model Line 81, total nominal of \$1,027,777 (Opex)
 - Annual License (SaaS) & support – WiSun: Tab 10- RI AMF Cost Model Line 82, total nominal of \$17,705,893 (Opex)

The Capex portion of these costs listed above were reflected in response to PUC 1-11. Please see PUC 6-4 Supplemental, which aligns to the above breakdown of WiSun costs.

- d. There are no timing differences between the software capital amounts provided on Schedule SAB/BLJ-1, Pages 5 and 6, Line 1 and the total line on the original Attachment PUC 1-11. The totals by Recovery Year in both schedules agree.

The timing difference between the original Attachment PUC 1-11 and the revised schedule in Attachment PUC 7-10-2, Pages 1-3, is that Attachment PUC 1-11 was for investments placed in service between October through September of each year. Meanwhile, the revised schedule in Attachment PUC 7-10-2 reflects capital software investments placed in service between April through March of each year. In addition, as described in more detail above, the original Attachment PUC 1-11 and Schedule SAB/BLJ-1, Pages 5 and 6, included program support costs as in-service and eligible for cost recovery in the year that the spending was forecasted to occur. However, in Attachment PUC 7-10-1 and Attachment PUC 7-10-2, Pages 1-3, these same costs have been updated and are not reflected as in-service and eligible for cost recovery until the capital software investment that the costs support are in-service and included for cost recovery.

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary

Line No.			<u>FY 2024</u> (a)	<u>FY 2025</u> (b)	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
	Capital Investment:							
1	Forecasted Revenue Requirement on Fiscal Year 2024 Capital included in ISR Rate Base	Page 2	\$0	\$0	\$0	\$0	\$0	\$0
2	Forecasted Revenue Requirement on Fiscal Year 2025 Capital included in ISR Rate Base	Page 5	\$0	\$3,714,319	\$7,319,694	\$7,108,358	\$6,902,543	\$6,701,836
3	Forecasted Revenue Requirement on Fiscal Year 2026 Capital included in ISR Rate Base	Page 8	\$0	\$0	\$4,845,721	\$9,549,312	\$9,273,602	\$9,005,095
4	Forecasted Revenue Requirement on Fiscal Year 2027 Capital included in ISR Rate Base	Page 11	\$0	\$0	\$0	\$16,991	\$33,483	\$32,516
5	Forecasted Revenue Requirement on Fiscal Year 2028 Capital included in ISR Rate Base	Page 14	\$0	\$0	\$0	\$0	\$80,505	\$158,649
6	Forecasted Revenue Requirement on Fiscal Year 2029 Capital included in ISR Rate Base	Page 17	\$0	\$0	\$0	\$0	\$0	\$92,530
7	Subtotal		<u>\$0</u>	<u>\$3,714,319</u>	<u>\$12,165,415</u>	<u>\$16,674,661</u>	<u>\$16,290,133</u>	<u>\$15,990,627</u>
8	Property Tax Adjustment	Page 20		\$1,923,572	\$4,167,516	\$4,036,230	\$3,937,558	\$3,843,797
9	Total Capital Investment Component of Revenue Requirement	Line 7 + Line 8	<u>\$0</u>	<u>\$5,637,892</u>	<u>\$16,332,931</u>	<u>\$20,710,890</u>	<u>\$20,227,691</u>	<u>\$19,834,424</u>
10	Total AMF Illustrative Capial Revenue Requirement in ISR	Line 9	<u>\$0</u>	<u>\$5,637,892</u>	<u>\$16,332,931</u>	<u>\$20,710,890</u>	<u>\$20,227,691</u>	<u>\$19,834,424</u>

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary - FY 2024 Investment

Line No.			(September 2023 to March 2024)					
			FY 2024 (a)	FY 2025 (b)	FY 2026 (c)	FY 2027 (d)	FY 2028 (e)	FY 2029 (f)
<u>Capital Investment Allowance</u>								
1	Meters	Attachment PUC 7-10-2, Page 7	\$0					
2	Software	Attachment PUC 7-10-2, Page 1	\$0					
3	Network	Attachment PUC 7-10-2, Page 4	\$0					
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$0	\$0	\$0	\$0	\$0	\$0
<u>Depreciable Net Capital Included in Rate Base</u>								
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$0	\$0	\$0	\$0	\$0	\$0
6	Retirements		\$0	\$0	\$0	\$0	\$0	\$0
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 4	\$0	\$0	\$0	\$0	\$0	\$0
<u>Change in Net Capital Included in Rate Base</u>								
8	Capital Included in Rate Base	Line 4	\$0	\$0	\$0	\$0	\$0	\$0
9	Depreciation Expense		\$0	\$0	\$0	\$0	\$0	\$0
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$0	\$0	\$0	\$0	\$0	\$0
11	Cost of Removal		\$0	\$0	\$0	\$0	\$0	\$0
12	Total Net Plant in Service	Line 10 + Line 11	\$0	\$0	\$0	\$0	\$0	\$0
<u>Deferred Tax Calculation:</u>								
13	Composite Book Depreciation Rate	FY 2024 ISR Plan 1/	3.16%	3.16%	3.16%	3.16%	3.16%	3.16%
14	Proration Percentage							
15	Vintage Year Tax Depreciation:							
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = , Line 27, Column (a), Then = Line , Column (d)	\$0	\$0	\$0	\$0	\$0	\$0
17	Cumulative Tax Depreciation	Prior Year Line 15 + Current Year Line 14	\$0	\$0	\$0	\$0	\$0	\$0
18	Book Depreciation	Year 1 = Line 6 * Line 12 * 50% ; Then = Line 6	\$0	\$0	\$0	\$0	\$0	\$0
19	Cumulative Book Depreciation	Prior Year Line 17 + Current Year Line 16	\$0	\$0	\$0	\$0	\$0	\$0
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$0	\$0	\$0	\$0	\$0	\$0
21	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$0	\$0	\$0	\$0	\$0	\$0
23	Add: CY 2023 Federal (NOL) Utilization	Company's Record	\$0	\$0	\$0	\$0	\$0	\$0
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$0	\$0	\$0	\$0	\$0	\$0
<u>Rate Base Calculation:</u>								
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$0	\$0	\$0	\$0	\$0	\$0
26	Accumulated Depreciation	-Line 19	\$0	\$0	\$0	\$0	\$0	\$0
27	Deferred Tax Reserve	-Line 24	\$0	\$0	\$0	\$0	\$0	\$0
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$0	\$0	\$0	\$0	\$0	\$0
<u>Revenue Requirement Calculation:</u>								
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$0	\$0	\$0	\$0	\$0	\$0
30	Proration Adjustment	& Page do not print of 35	\$0	\$0	\$0	\$0	\$0	\$0
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$0	\$0	\$0	\$0	\$0	\$0
32	Pre-Tax ROR	, Line 33	8.23%	8.23%	0.00%	0.00%	0.00%	0.00%
33	Proration	Line 14	0.00%					
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$0	\$0	\$0	\$0	\$0	\$0
35	Book Depreciation	Line 18	\$0	\$0	\$0	\$0	\$0	\$0
36	Annual Revenue Requirement	Line 34 ÷ Line 35	\$0	\$0	\$0	\$0	\$0	\$0

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (c))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2024 Incremental Capital Investments

Line No.		FY 2024 (a)	(b)	(c)	(d)	(e)	
	<u>Capital Repairs Deduction</u>						
1	Plant Additions	Page 2	\$0	20 Year MACRS Depreciation			
2	Capital Repairs Deduction Rate	Per Tax Department	8.51%				
3	Capital Repairs Deduction	Line 1 * Line 2	\$0				
4				MACRS basis:	Line 20	\$0	
5	<u>Bonus Depreciation</u>			Calendar Year	Annual	Cumulative	
6	Plant Additions	Line 1	\$0	Mar-2024	3.750%	\$0	\$0
7	Plant Additions		\$0	Mar-2025	7.219%	\$0	\$0
8	Less Capital Repairs Deduction	Line 3	\$0	Mar-2026	6.677%	\$0	\$0
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8	\$0	Mar-2027	6.177%	\$0	\$0
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%	Mar-2028	5.713%	\$0	\$0
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	\$0	Mar-2029	5.285%	\$0	\$0
12	Bonus Depreciation Rate	at 0%	0.00%	Mar-2030	4.888%	\$0	\$0
13	Total Bonus Depreciation Rate	Line 12	0.00%	Mar-2031	4.522%	\$0	\$0
14	Bonus Depreciation	Line 11 * Line 13	\$0	Mar-2032	4.462%	\$0	\$0
15				Mar-2033	4.461%	\$0	\$0
16	<u>Remaining Tax Depreciation</u>			Mar-2034	4.462%	\$0	\$0
17	Plant Additions	Line 1	\$0	Mar-2035	4.461%	\$0	\$0
18	Less Capital Repairs Deduction	Line 3	\$0	Mar-2036	4.462%	\$0	\$0
19	Less Bonus Depreciation	Line 14	\$0	Mar-2037	4.461%	\$0	\$0
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19	\$0	Mar-2038	4.462%	\$0	\$0
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	Mar-2039	4.461%	\$0	\$0
22	Remaining Tax Depreciation	Line 20 * Line 21	\$0	Mar-2040	4.462%	\$0	\$0
23				Mar-2041	4.461%	\$0	\$0
24	CY23 (Gain)/Loss incurred due to retirements		\$0	Mar-2042	4.462%	\$0	\$0
25	Cost of Removal		\$0	Mar-2043	4.461%	\$0	\$0
26				Mar-2044	2.231%	\$0	\$0
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25	\$0		100.00%	\$0	

**The Narragansett Electric Company
d/b/a Rhode Island Energy**
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2024 Incremental Capital Investment

Line No.	Deferred Tax Subject to Proration		2024 (a)
1	Book Depreciation	Page 2, Line 18	\$0
2	Bonus Depreciation	- , Line 14	\$0
3	Remaining MACRS Tax Depreciation	- , column (d), Line 6	\$0
4	Plan Year 2024 tax (gain)/loss on retirements	- , Line 24	\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	\$0
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	\$0
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	- , Line 3	\$0
9	Cost of Removal	- , Line 25	\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2024		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	\$0
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	\$0
14	Total Deferred Tax Reserve	Line 7 + Line 13	\$0
15	Net Operating Loss	Page 2, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	\$0
Allocation of Plan Year 2024 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	\$0
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	\$0
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	\$0
20	Total Plan Year 2024 Federal NOL (Utilization)	#REF!	\$0
21	Allocated Plan Year 2024 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	#DIV/0!
22	Allocated Plan Year 2024 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	#DIV/0!
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	#DIV/0!
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	#DIV/0!
		(b) (c)	(d)
Proration Calculation			
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	#DIV/0!
39	Deferred Tax Without Proration	Line 25	#DIV/0!
40	Average Deferred Tax without Proration	Line 39 × 0.5	#DIV/0!
41	Proration Adjustment	Line 38 - Line 40	#DIV/0!

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary FY 2025 Investment

Line No.			FY 2025 (a)	FY 2026 (b)	FY 2027 (c)	FY 2028 (d)	FY 2029 (e)
<u>Capital Investment Allowance</u>							
1	Meters	Attachment PUC 7-10-2, Page 7	\$61,800,323				
2	Software	Attachment PUC 7-10-2, Page 1	\$0				
3	Network	Attachment PUC 7-10-2, Page 4	\$5,223,102				
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$67,023,424	\$0	\$0	\$0	\$0
<u>Depreciable Net Capital Included in Rate Base</u>							
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$67,023,424	\$0	\$0	\$0	\$0
6	Retirements		\$0	\$0	\$0	\$0	\$0
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424
<u>Change in Net Capital Included in Rate Base</u>							
8	Capital Included in Rate Base	Line 4	\$67,023,424	\$0	\$0	\$0	\$0
9	Depreciation Expense		\$0	\$0	\$0	\$0	\$0
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424
11	Cost of Removal		\$0	\$0	\$0	\$0	\$0
12	Total Net Plant in Service	Line 10 + Line 11	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424
<u>Deferred Tax Calculation:</u>							
13	Composite Book Depreciation Rate	FY 2024 ISR Plan 1/	3.16%	3.16%	3.16%	3.16%	3.16%
14	Proration Percentage						
15	Vintage Year Tax Depreciation:						
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = Page 6, Line 27, Column (a), Then = Page 6, Column (d)	\$8,003,183	\$4,426,671	\$4,094,318	\$3,787,720	\$3,503,196
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$8,003,183	\$12,429,854	\$16,524,173	\$20,311,893	\$23,815,089
18	Book Depreciation	Line 13	\$1,058,970	\$2,117,940	\$2,117,940	\$2,117,940	\$2,117,940
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$1,058,970	\$3,176,910	\$5,294,851	\$7,412,791	\$9,530,731
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$6,944,213	\$9,252,944	\$11,229,322	\$12,899,102	\$14,284,358
21	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$1,458,285	\$1,943,118	\$2,358,158	\$2,708,811	\$2,999,715
23	Add: CY 2023 Federal (NOL) Utilization		\$0	\$0	\$0	\$0	\$0
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$1,458,285	\$1,943,118	\$2,358,158	\$2,708,811	\$2,999,715
<u>Rate Base Calculation:</u>							
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424	\$67,023,424
26	Accumulated Depreciation	-Line 19	(\$1,058,970)	(\$3,176,910)	(\$5,294,851)	(\$7,412,791)	(\$9,530,731)
27	Deferred Tax Reserve	-Line 24	(\$1,458,285)	(\$1,943,118)	(\$2,358,158)	(\$2,708,811)	(\$2,999,715)
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$64,506,170	\$61,903,396	\$59,370,416	\$56,901,822	\$54,492,978
<u>Revenue Requirement Calculation:</u>							
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$32,253,085	\$63,204,783	\$60,636,906	\$58,136,119	\$55,697,400
30	Proration Adjustment	Page 7	\$11,182				
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$32,264,266	\$63,204,783	\$60,636,906	\$58,136,119	\$55,697,400
32	Pre-Tax ROR	, Line 33	8.23%	8.23%	8.23%	8.23%	8.23%
33	Proration	Line 14	0.00%				
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$2,655,349	\$5,201,754	\$4,990,417	\$4,784,603	\$4,583,896
35	Book Depreciation	Line 18	\$1,058,970	\$2,117,940	\$2,117,940	\$2,117,940	\$2,117,940
36	Annual Revenue Requirement	Line 34 + Line 35	\$3,714,319	\$7,319,694	\$7,108,358	\$6,902,543	\$6,701,836

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (e))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2025 Incremental Capital Investments

Line No.		FY 2025 (a)	(b)	(c)	(d)	(e)																																																																																																				
	<u>Capital Repairs Deduction</u>																																																																																																									
1	Plant Additions	Page 5 \$67,023,424	<table border="1"> <thead> <tr> <th colspan="4">20 Year MACRS Depreciation</th> </tr> <tr> <th>MACRS basis:</th> <th>Line 20</th> <th>\$61,319,731</th> <th></th> </tr> <tr> <th></th> <th></th> <th>Annual</th> <th>Cumulative</th> </tr> </thead> <tbody> <tr> <td colspan="4">Calendar Year</td> </tr> <tr> <td>Mar-2025</td> <td>3.750%</td> <td>\$2,299,490</td> <td>\$8,003,183</td> </tr> <tr> <td>Mar-2026</td> <td>7.219%</td> <td>\$4,426,671</td> <td>\$12,429,854</td> </tr> <tr> <td>Mar-2027</td> <td>6.677%</td> <td>\$4,094,318</td> <td>\$16,524,173</td> </tr> <tr> <td>Mar-2028</td> <td>6.177%</td> <td>\$3,787,720</td> <td>\$20,311,893</td> </tr> <tr> <td>Mar-2029</td> <td>5.713%</td> <td>\$3,503,196</td> <td>\$23,815,089</td> </tr> <tr> <td>Mar-2030</td> <td>5.285%</td> <td>\$3,240,748</td> <td>\$27,055,837</td> </tr> <tr> <td>Mar-2031</td> <td>4.888%</td> <td>\$2,997,308</td> <td>\$30,053,145</td> </tr> <tr> <td>Mar-2032</td> <td>4.522%</td> <td>\$2,772,878</td> <td>\$32,826,023</td> </tr> <tr> <td>Mar-2033</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$35,562,110</td> </tr> <tr> <td>Mar-2034</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$38,297,583</td> </tr> <tr> <td>Mar-2035</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$41,033,670</td> </tr> <tr> <td>Mar-2036</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$43,769,143</td> </tr> <tr> <td>Mar-2037</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$46,505,229</td> </tr> <tr> <td>Mar-2038</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$49,240,702</td> </tr> <tr> <td>Mar-2039</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$51,976,789</td> </tr> <tr> <td>Mar-2040</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$54,712,262</td> </tr> <tr> <td>Mar-2041</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$57,448,348</td> </tr> <tr> <td>Mar-2042</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$60,183,822</td> </tr> <tr> <td>Mar-2043</td> <td>4.462%</td> <td>\$2,736,086</td> <td>\$62,919,908</td> </tr> <tr> <td>Mar-2044</td> <td>4.461%</td> <td>\$2,735,473</td> <td>\$65,655,381</td> </tr> <tr> <td>Mar-2045</td> <td>2.231%</td> <td>\$1,368,043</td> <td>\$67,023,425</td> </tr> </tbody> </table>				20 Year MACRS Depreciation				MACRS basis:	Line 20	\$61,319,731				Annual	Cumulative	Calendar Year				Mar-2025	3.750%	\$2,299,490	\$8,003,183	Mar-2026	7.219%	\$4,426,671	\$12,429,854	Mar-2027	6.677%	\$4,094,318	\$16,524,173	Mar-2028	6.177%	\$3,787,720	\$20,311,893	Mar-2029	5.713%	\$3,503,196	\$23,815,089	Mar-2030	5.285%	\$3,240,748	\$27,055,837	Mar-2031	4.888%	\$2,997,308	\$30,053,145	Mar-2032	4.522%	\$2,772,878	\$32,826,023	Mar-2033	4.462%	\$2,736,086	\$35,562,110	Mar-2034	4.461%	\$2,735,473	\$38,297,583	Mar-2035	4.462%	\$2,736,086	\$41,033,670	Mar-2036	4.461%	\$2,735,473	\$43,769,143	Mar-2037	4.462%	\$2,736,086	\$46,505,229	Mar-2038	4.461%	\$2,735,473	\$49,240,702	Mar-2039	4.462%	\$2,736,086	\$51,976,789	Mar-2040	4.461%	\$2,735,473	\$54,712,262	Mar-2041	4.462%	\$2,736,086	\$57,448,348	Mar-2042	4.461%	\$2,735,473	\$60,183,822	Mar-2043	4.462%	\$2,736,086	\$62,919,908	Mar-2044	4.461%	\$2,735,473	\$65,655,381	Mar-2045	2.231%	\$1,368,043	\$67,023,425
20 Year MACRS Depreciation																																																																																																										
MACRS basis:	Line 20	\$61,319,731																																																																																																								
		Annual	Cumulative																																																																																																							
Calendar Year																																																																																																										
Mar-2025	3.750%	\$2,299,490	\$8,003,183																																																																																																							
Mar-2026	7.219%	\$4,426,671	\$12,429,854																																																																																																							
Mar-2027	6.677%	\$4,094,318	\$16,524,173																																																																																																							
Mar-2028	6.177%	\$3,787,720	\$20,311,893																																																																																																							
Mar-2029	5.713%	\$3,503,196	\$23,815,089																																																																																																							
Mar-2030	5.285%	\$3,240,748	\$27,055,837																																																																																																							
Mar-2031	4.888%	\$2,997,308	\$30,053,145																																																																																																							
Mar-2032	4.522%	\$2,772,878	\$32,826,023																																																																																																							
Mar-2033	4.462%	\$2,736,086	\$35,562,110																																																																																																							
Mar-2034	4.461%	\$2,735,473	\$38,297,583																																																																																																							
Mar-2035	4.462%	\$2,736,086	\$41,033,670																																																																																																							
Mar-2036	4.461%	\$2,735,473	\$43,769,143																																																																																																							
Mar-2037	4.462%	\$2,736,086	\$46,505,229																																																																																																							
Mar-2038	4.461%	\$2,735,473	\$49,240,702																																																																																																							
Mar-2039	4.462%	\$2,736,086	\$51,976,789																																																																																																							
Mar-2040	4.461%	\$2,735,473	\$54,712,262																																																																																																							
Mar-2041	4.462%	\$2,736,086	\$57,448,348																																																																																																							
Mar-2042	4.461%	\$2,735,473	\$60,183,822																																																																																																							
Mar-2043	4.462%	\$2,736,086	\$62,919,908																																																																																																							
Mar-2044	4.461%	\$2,735,473	\$65,655,381																																																																																																							
Mar-2045	2.231%	\$1,368,043	\$67,023,425																																																																																																							
2	Capital Repairs Deduction Rate	Per Tax Department 8.51%																																																																																																								
3	Capital Repairs Deduction	Line 1 * Line 2 \$5,703,693																																																																																																								
4																																																																																																										
5	<u>Bonus Depreciation</u>																																																																																																									
6	Plant Additions	Line 1 \$67,023,424																																																																																																								
7	Plant Additions	\$0																																																																																																								
8	Less Capital Repairs Deduction	Line 3 \$5,703,693																																																																																																								
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8 \$61,319,731																																																																																																								
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department 0.00%																																																																																																								
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10 \$0																																																																																																								
12	Bonus Depreciation Rate	at 0% 0.00%																																																																																																								
13	Total Bonus Depreciation Rate	Line 12 0.00%																																																																																																								
14	Bonus Depreciation	Line 11 * Line 13 \$0																																																																																																								
15																																																																																																										
16	<u>Remaining Tax Depreciation</u>																																																																																																									
17	Plant Additions	Line 1 \$67,023,424																																																																																																								
18	Less Capital Repairs Deduction	Line 3 \$5,703,693																																																																																																								
19	Less Bonus Depreciation	Line 14 \$0																																																																																																								
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19 \$61,319,731																																																																																																								
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946 3.750%																																																																																																								
22	Remaining Tax Depreciation	Line 20 * Line 21 \$2,299,490																																																																																																								
23																																																																																																										
24	CY23 (Gain)/Loss incurred due to retirements	\$0																																																																																																								
25	Cost of Removal	\$0																																																																																																								
26																																																																																																										
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25 \$8,003,183		100.00%	\$61,319,731																																																																																																					

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2025 Incremental Capital Investment

Line No.	Deferred Tax Subject to Proration		<u>FY 2025</u> (a)
1	Book Depreciation	Page 5, Line 18	\$1,058,970
2	Bonus Depreciation		\$0
3	Remaining MACRS Tax Depreciation	Page 6, column (d), Line 6	(\$2,299,490)
4	Plan Year 2024 tax (gain)/loss on retirements		\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$1,240,520)
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$260,509)
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	Page 6, Line 3	(\$5,703,693)
9	Cost of Removal		\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2025		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$5,703,693)
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	(\$1,197,776)
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$1,458,285)
15	Net Operating Loss	Page 5, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$1,458,285)
Allocation of Plan Year 2025 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$1,240,520)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$5,703,693)
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$6,944,213)
20	Total Plan Year 2025 Federal NOL (Utilization)		\$0
21	Allocated Plan Year 2025 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	\$0
22	Allocated Plan Year 2025 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	\$0
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$260,509)
		(b)	(c)
			(d)
	Proration Calculation	<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	\$0
			(\$119,073)
39	Deferred Tax Without Proration	Line 25	(\$260,509)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$130,255)
41	Proration Adjustment	Line 38 - Line 40	\$11,182

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary FY 2026 Investment

Line No.			FY 2026 (a)	FY 2027 (b)	FY 2028 (c)	FY 2029 (d)
<u>Capital Investment Allowance</u>						
1	Meters	Attachment PUC 7-10-2, Page 7	\$41,723,612			
2	Software	Attachment PUC 7-10-2, Page 1	\$36,738,024			
3	Network	Attachment PUC 7-10-2, Page 4	\$8,977,487			
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$87,439,124	\$0	\$0	\$0
<u>Depreciable Net Capital Included in Rate Base</u>						
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$87,439,124	\$0	\$0	\$0
6	Retirements		\$0	\$0	\$0	\$0
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$87,439,124	\$87,439,124	\$87,439,124	\$87,439,124
<u>Change in Net Capital Included in Rate Base</u>						
8	Capital Included in Rate Base	Line 4	\$87,439,124	\$0	\$0	\$0
9	Depreciation Expense		\$0	\$0	\$0	\$0
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$87,439,124	\$87,439,124	\$87,439,124	\$87,439,124
11	Cost of Removal		\$0	\$0	\$0	\$0
12	Total Net Plant in Service	Line 10 + Line 11	\$87,439,124	\$87,439,124	\$87,439,124	\$87,439,124
<u>Deferred Tax Calculation:</u>						
13	Composite Book Depreciation Rate	FY 2024 ISR Plan	1/ 3.16%	3.16%	3.16%	3.16%
14	Proration Percentage					
15	Vintage Year Tax Depreciation:					
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = Page 9, Line 27, Column (a), Then = Page 9, Column (d)	\$10,440,996	\$5,775,060	\$5,341,470	\$4,941,480
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$10,440,996	\$16,216,056	\$21,557,526	\$26,499,005
18	Book Depreciation	Line 13	\$1,381,538	\$2,763,076	\$2,763,076	\$2,763,076
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$1,381,538	\$4,144,614	\$6,907,691	\$9,670,767
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$9,059,458	\$12,071,441	\$14,649,835	\$16,828,238
21	Effective Tax Rate		21.00%	21.00%	21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$1,902,486	\$2,535,003	\$3,076,465	\$3,533,930
23	Add: CY 2023 Federal (NOL) Utilization		\$0	\$0	\$0	\$0
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$1,902,486	\$2,535,003	\$3,076,465	\$3,533,930
<u>Rate Base Calculation:</u>						
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$87,439,124	\$87,439,124	\$87,439,124	\$87,439,124
26	Accumulated Depreciation	-Line 19	(\$1,381,538)	(\$4,144,614)	(\$6,907,691)	(\$9,670,767)
27	Deferred Tax Reserve	-Line 24	(\$1,902,486)	(\$2,535,003)	(\$3,076,465)	(\$3,533,930)
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$84,155,099	\$80,759,506	\$77,454,967	\$74,234,426
<u>Revenue Requirement Calculation:</u>						
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$42,077,550	\$82,457,303	\$79,107,237	\$75,844,697
30	Proration Adjustment	Page 10	\$14,588			
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$42,092,137	\$82,457,303	\$79,107,237	\$75,844,697
32	Pre-Tax ROR	, Line 33	8.23%	8.23%	8.23%	8.23%
33	Proration	Line 14	0.00%			
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$3,464,183	\$6,786,236	\$6,510,526	\$6,242,019
35	Book Depreciation	Line 18	\$1,381,538	\$2,763,076	\$2,763,076	\$2,763,076
36	Annual Revenue Requirement	Line 34 + Line 35	\$4,845,721	\$9,549,312	\$9,273,602	\$9,005,095

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (e))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2026 Incremental Capital Investments

Line No.		FY 2026 (a)	(b)	(c)	(d)	(e)																																																																																																				
	<u>Capital Repairs Deduction</u>																																																																																																									
1	Plant Additions	Page 8 \$87,439,124	<table border="1"> <thead> <tr> <th colspan="4">20 Year MACRS Depreciation</th> </tr> <tr> <th>MACRS basis:</th> <th>Line 20</th> <th>\$79,998,055</th> <th></th> </tr> <tr> <th></th> <th></th> <th>Annual</th> <th>Cumulative</th> </tr> </thead> <tbody> <tr> <td colspan="4">Calendar Year</td> </tr> <tr> <td>Mar-2026</td> <td>3.750%</td> <td>\$2,999,927</td> <td>\$10,440,996</td> </tr> <tr> <td>Mar-2027</td> <td>7.219%</td> <td>\$5,775,060</td> <td>\$16,216,056</td> </tr> <tr> <td>Mar-2028</td> <td>6.677%</td> <td>\$5,341,470</td> <td>\$21,557,526</td> </tr> <tr> <td>Mar-2029</td> <td>6.177%</td> <td>\$4,941,480</td> <td>\$26,499,005</td> </tr> <tr> <td>Mar-2030</td> <td>5.713%</td> <td>\$4,570,289</td> <td>\$31,069,294</td> </tr> <tr> <td>Mar-2031</td> <td>5.285%</td> <td>\$4,227,897</td> <td>\$35,297,192</td> </tr> <tr> <td>Mar-2032</td> <td>4.888%</td> <td>\$3,910,305</td> <td>\$39,207,496</td> </tr> <tr> <td>Mar-2033</td> <td>4.522%</td> <td>\$3,617,512</td> <td>\$42,825,008</td> </tr> <tr> <td>Mar-2034</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$46,394,522</td> </tr> <tr> <td>Mar-2035</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$49,963,235</td> </tr> <tr> <td>Mar-2036</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$53,532,748</td> </tr> <tr> <td>Mar-2037</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$57,101,461</td> </tr> <tr> <td>Mar-2038</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$60,670,974</td> </tr> <tr> <td>Mar-2039</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$64,239,688</td> </tr> <tr> <td>Mar-2040</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$67,809,201</td> </tr> <tr> <td>Mar-2041</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$71,377,914</td> </tr> <tr> <td>Mar-2042</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$74,947,427</td> </tr> <tr> <td>Mar-2043</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$78,516,141</td> </tr> <tr> <td>Mar-2044</td> <td>4.462%</td> <td>\$3,569,513</td> <td>\$82,085,654</td> </tr> <tr> <td>Mar-2045</td> <td>4.461%</td> <td>\$3,568,713</td> <td>\$85,654,367</td> </tr> <tr> <td>Mar-2046</td> <td>2.231%</td> <td>\$1,784,757</td> <td>\$87,439,124</td> </tr> </tbody> </table>				20 Year MACRS Depreciation				MACRS basis:	Line 20	\$79,998,055				Annual	Cumulative	Calendar Year				Mar-2026	3.750%	\$2,999,927	\$10,440,996	Mar-2027	7.219%	\$5,775,060	\$16,216,056	Mar-2028	6.677%	\$5,341,470	\$21,557,526	Mar-2029	6.177%	\$4,941,480	\$26,499,005	Mar-2030	5.713%	\$4,570,289	\$31,069,294	Mar-2031	5.285%	\$4,227,897	\$35,297,192	Mar-2032	4.888%	\$3,910,305	\$39,207,496	Mar-2033	4.522%	\$3,617,512	\$42,825,008	Mar-2034	4.462%	\$3,569,513	\$46,394,522	Mar-2035	4.461%	\$3,568,713	\$49,963,235	Mar-2036	4.462%	\$3,569,513	\$53,532,748	Mar-2037	4.461%	\$3,568,713	\$57,101,461	Mar-2038	4.462%	\$3,569,513	\$60,670,974	Mar-2039	4.461%	\$3,568,713	\$64,239,688	Mar-2040	4.462%	\$3,569,513	\$67,809,201	Mar-2041	4.461%	\$3,568,713	\$71,377,914	Mar-2042	4.462%	\$3,569,513	\$74,947,427	Mar-2043	4.461%	\$3,568,713	\$78,516,141	Mar-2044	4.462%	\$3,569,513	\$82,085,654	Mar-2045	4.461%	\$3,568,713	\$85,654,367	Mar-2046	2.231%	\$1,784,757	\$87,439,124
20 Year MACRS Depreciation																																																																																																										
MACRS basis:	Line 20	\$79,998,055																																																																																																								
		Annual	Cumulative																																																																																																							
Calendar Year																																																																																																										
Mar-2026	3.750%	\$2,999,927	\$10,440,996																																																																																																							
Mar-2027	7.219%	\$5,775,060	\$16,216,056																																																																																																							
Mar-2028	6.677%	\$5,341,470	\$21,557,526																																																																																																							
Mar-2029	6.177%	\$4,941,480	\$26,499,005																																																																																																							
Mar-2030	5.713%	\$4,570,289	\$31,069,294																																																																																																							
Mar-2031	5.285%	\$4,227,897	\$35,297,192																																																																																																							
Mar-2032	4.888%	\$3,910,305	\$39,207,496																																																																																																							
Mar-2033	4.522%	\$3,617,512	\$42,825,008																																																																																																							
Mar-2034	4.462%	\$3,569,513	\$46,394,522																																																																																																							
Mar-2035	4.461%	\$3,568,713	\$49,963,235																																																																																																							
Mar-2036	4.462%	\$3,569,513	\$53,532,748																																																																																																							
Mar-2037	4.461%	\$3,568,713	\$57,101,461																																																																																																							
Mar-2038	4.462%	\$3,569,513	\$60,670,974																																																																																																							
Mar-2039	4.461%	\$3,568,713	\$64,239,688																																																																																																							
Mar-2040	4.462%	\$3,569,513	\$67,809,201																																																																																																							
Mar-2041	4.461%	\$3,568,713	\$71,377,914																																																																																																							
Mar-2042	4.462%	\$3,569,513	\$74,947,427																																																																																																							
Mar-2043	4.461%	\$3,568,713	\$78,516,141																																																																																																							
Mar-2044	4.462%	\$3,569,513	\$82,085,654																																																																																																							
Mar-2045	4.461%	\$3,568,713	\$85,654,367																																																																																																							
Mar-2046	2.231%	\$1,784,757	\$87,439,124																																																																																																							
2	Capital Repairs Deduction Rate	Per Tax Department 8.51%																																																																																																								
3	Capital Repairs Deduction	Line 1 * Line 2 \$7,441,069																																																																																																								
4																																																																																																										
5	<u>Bonus Depreciation</u>																																																																																																									
6	Plant Additions	Line 1 \$87,439,124																																																																																																								
7	Plant Additions	\$0																																																																																																								
8	Less Capital Repairs Deduction	Line 3 \$7,441,069																																																																																																								
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8 \$79,998,055																																																																																																								
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department 0.00%																																																																																																								
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10 \$0																																																																																																								
12	Bonus Depreciation Rate	at 0% 0.00%																																																																																																								
13	Total Bonus Depreciation Rate	Line 12 0.00%																																																																																																								
14	Bonus Depreciation	Line 11 * Line 13 \$0																																																																																																								
15																																																																																																										
16	<u>Remaining Tax Depreciation</u>																																																																																																									
17	Plant Additions	Line 1 \$87,439,124																																																																																																								
18	Less Capital Repairs Deduction	Line 3 \$7,441,069																																																																																																								
19	Less Bonus Depreciation	Line 14 \$0																																																																																																								
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19 \$79,998,055																																																																																																								
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946 3.750%																																																																																																								
22	Remaining Tax Depreciation	Line 20 * Line 21 \$2,999,927																																																																																																								
23																																																																																																										
24	CY23 (Gain)/Loss incurred due to retirements	\$0																																																																																																								
25	Cost of Removal	\$0																																																																																																								
26																																																																																																										
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25 \$10,440,996		100.00%	\$79,998,055																																																																																																					

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2026 Incremental Capital Investment

Line No.	Deferred Tax Subject to Proration		<u>FY 2026</u> (a)
1	Book Depreciation	Page 8, Line 18	\$1,381,538
2	Bonus Depreciation		\$0
3	Remaining MACRS Tax Depreciation	Page 9, column (d), Line 6	(\$2,999,927)
4	Plan Year 2024 tax (gain)/loss on retirements		\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$1,618,389)
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$339,862)
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	Page 9, Line 3	(\$7,441,069)
9	Cost of Removal		\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2026		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$7,441,069)
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	(\$1,562,624)
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$1,902,486)
15	Net Operating Loss	Page 8, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$1,902,486)
Allocation of Plan Year 2026 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$1,618,389)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$7,441,069)
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$9,059,458)
20	Total Plan Year 2026 Federal NOL (Utilization)		\$0
21	Allocated Plan Year 2026 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	\$0
22	Allocated Plan Year 2026 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	\$0
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$339,862)
		(b)	(c)
			(d)
Proration Calculation			
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	\$0
			(\$155,343)
39	Deferred Tax Without Proration	Line 25	(\$339,862)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$169,931)
41	Proration Adjustment	Line 38 - Line 40	\$14,588

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary FY 2027 Investment

Line No.			FY 2027 (a)	FY 2028 (b)	FY 2029 (c)	
<u>Capital Investment Allowance</u>						
1	Meters	Attachment PUC 7-10-2, Page 7	\$42,676			
2	Software	Attachment PUC 7-10-2, Page 1	\$263,915			
3	Network	Attachment PUC 7-10-2, Page 4	\$0			
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$306,591	\$0	\$0	
<u>Depreciable Net Capital Included in Rate Base</u>						
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$306,591	\$0	\$0	
6	Retirements		\$0	\$0	\$0	
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$306,591	\$306,591	\$306,591	
<u>Change in Net Capital Included in Rate Base</u>						
8	Capital Included in Rate Base	Line 4	\$306,591	\$0	\$0	
9	Depreciation Expense		\$0	\$0	\$0	
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$306,591	\$306,591	\$306,591	
11	Cost of Removal		\$0	\$0	\$0	
12	Total Net Plant in Service	Line 10 + Line 11	\$306,591	\$306,591	\$306,591	
<u>Deferred Tax Calculation:</u>						
13	Composite Book Depreciation Rate	FY 2024 ISR Plan	1/	3.16%	3.16%	3.16%
14	Proration Percentage					
15	Vintage Year Tax Depreciation:					
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = Page 12, Line 27, Column (a), Then = Page 12, Column (d)	\$36,610	\$20,249	\$18,729	
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$36,610	\$56,859	\$75,588	
18	Book Depreciation	Line 13	\$4,844	\$9,688	\$9,688	
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$4,844	\$14,532	\$24,221	
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$31,766	\$42,327	\$51,368	
21	Effective Tax Rate		21.00%	21.00%	21.00%	
22	Deferred Tax Reserve	Line 20 * Line 21	\$6,671	\$8,889	\$10,787	
23	Add: CY 2023 Federal (NOL) Utilization		\$0	\$0	\$0	
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$6,671	\$8,889	\$10,787	
<u>Rate Base Calculation:</u>						
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$306,591	\$306,591	\$306,591	
26	Accumulated Depreciation	-Line 19	(\$4,844)	(\$14,532)	(\$24,221)	
27	Deferred Tax Reserve	-Line 24	(\$6,671)	(\$8,889)	(\$10,787)	
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$295,076	\$283,170	\$271,583	
<u>Revenue Requirement Calculation:</u>						
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$147,538	\$289,123	\$277,376	
30	Proration Adjustment	Page 13	\$51			
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$147,589	\$289,123	\$277,376	
32	Pre-Tax ROR	, Line 33	8.23%	8.23%	8.23%	
33	Proration	Line 14	0.00%			
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$12,147	\$23,795	\$22,828	
35	Book Depreciation	Line 18	\$4,844	\$9,688	\$9,688	
36	Annual Revenue Requirement	Line 34 + Line 35	\$16,991	\$33,483	\$32,516	

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (e))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2027 Incremental Capital Investments

Line No.		FY 2027 (a)	(b)	(c)	(d)	(e)	
	<u>Capital Repairs Deduction</u>						
1	Plant Additions	Page 11	\$306,591	20 Year MACRS Depreciation			
2	Capital Repairs Deduction Rate	Per Tax Department	8.51%				
3	Capital Repairs Deduction	Line 1 * Line 2	\$26,091				
4				MACRS basis:	Line 20	\$280,500	
5	<u>Bonus Depreciation</u>			Calendar Year	Annual	Cumulative	
6	Plant Additions	Line 1	\$306,591	Mar-2027	3.750%	\$10,519	\$36,610
7	Plant Additions		\$0	Mar-2028	7.219%	\$20,249	\$56,859
8	Less Capital Repairs Deduction	Line 3	\$26,091	Mar-2029	6.677%	\$18,729	\$75,588
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8	\$280,500	Mar-2030	6.177%	\$17,326	\$92,915
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%	Mar-2031	5.713%	\$16,025	\$108,940
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	\$0	Mar-2032	5.285%	\$14,824	\$123,764
12	Bonus Depreciation Rate	at 0%	0.00%	Mar-2033	4.888%	\$13,711	\$137,475
13	Total Bonus Depreciation Rate	Line 12	0.00%	Mar-2034	4.522%	\$12,684	\$150,159
14	Bonus Depreciation	Line 11 * Line 13	\$0	Mar-2035	4.462%	\$12,516	\$162,675
15				Mar-2036	4.461%	\$12,513	\$175,188
16	<u>Remaining Tax Depreciation</u>			Mar-2037	4.462%	\$12,516	\$187,704
17	Plant Additions	Line 1	\$306,591	Mar-2038	4.461%	\$12,513	\$200,217
18	Less Capital Repairs Deduction	Line 3	\$26,091	Mar-2039	4.462%	\$12,516	\$212,733
19	Less Bonus Depreciation	Line 14	\$0	Mar-2040	4.461%	\$12,513	\$225,246
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19	\$280,500	Mar-2041	4.462%	\$12,516	\$237,762
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	Mar-2042	4.461%	\$12,513	\$250,275
22	Remaining Tax Depreciation	Line 20 * Line 21	\$10,519	Mar-2043	4.462%	\$12,516	\$262,791
23				Mar-2044	4.461%	\$12,513	\$275,304
24	CY23 (Gain)/Loss incurred due to retirements		\$0	Mar-2045	4.462%	\$12,516	\$287,820
25	Cost of Removal		\$0	Mar-2046	4.461%	\$12,513	\$300,333
26				Mar-2047	2.231%	\$6,258	\$306,591
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25	\$36,610		100.00%	\$280,500	

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2027 Incremental Capital Investment

Line No.	Deferred Tax Subject to Proration		<u>FY 2027</u> (a)
1	Book Depreciation	Page 11, Line 18	\$4,844
2	Bonus Depreciation		\$0
3	Remaining MACRS Tax Depreciation	Page 12, column (d), Line 6	(\$10,519)
4	Plan Year 2024 tax (gain)/loss on retirements		\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$5,675)
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$1,192)
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	Page 12, Line 3	(\$26,091)
9	Cost of Removal		\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2027		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$26,091)
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	(\$5,479)
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$6,671)
15	Net Operating Loss	Page 11, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$6,671)
Allocation of Plan Year 2027 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$5,675)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$26,091)
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$31,766)
20	Total Plan Year 2027 Federal NOL (Utilization)		\$0
21	Allocated Plan Year 2027 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	\$0
22	Allocated Plan Year 2027 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	\$0
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$1,192)
		(b)	(c)
			(d)
Proration Calculation			
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	\$0
			(\$545)
39	Deferred Tax Without Proration	Line 25	(\$1,192)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$596)
41	Proration Adjustment	Line 38 - Line 40	\$51

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary FY 2028 Investment

Line No.			FY 2028 (a)	FY 2029 (b)
<u>Capital Investment Allowance</u>				
1	Meters	Attachment PUC 7-10-2, Page 7	\$170,810	
2	Software	Attachment PUC 7-10-2, Page 1	\$1,281,874	
3	Network	Attachment PUC 7-10-2, Page 4	\$0	
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$1,452,683	\$0
<u>Depreciable Net Capital Included in Rate Base</u>				
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$1,452,683	\$0
6	Retirements		\$0	\$0
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 4	\$1,452,683	\$1,452,683
<u>Change in Net Capital Included in Rate Base</u>				
8	Capital Included in Rate Base	Line 4	\$1,452,683	\$0
9	Depreciation Expense		\$0	\$0
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 5	\$1,452,683	\$1,452,683
11	Cost of Removal		\$0	\$0
12	Total Net Plant in Service	Line 10 + Line 11	\$1,452,683	\$1,452,683
<u>Deferred Tax Calculation:</u>				
13	Composite Book Depreciation Rate	FY 2024 ISR Plan 1/	3.16%	3.16%
14	Proration Percentage			
15	Vintage Year Tax Depreciation:			
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = Page 15, Line 27, Column (a), Then = Page 15, Column (d)	\$173,463	\$95,945
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$173,463	\$269,408
18	Book Depreciation	Year 1 = Line 7 * Line 13 * 50%; Then = Line 7	\$22,952	\$45,905
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$22,952	\$68,857
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$150,511	\$200,551
21	Effective Tax Rate		21.00%	21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$31,607	\$42,116
23	Add: CY 2023 Federal (NOL) Utilization		\$0	\$0
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$31,607	\$42,116
<u>Rate Base Calculation:</u>				
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$1,452,683	\$1,452,683
26	Accumulated Depreciation	-Line 19	(\$22,952)	(\$68,857)
27	Deferred Tax Reserve	-Line 24	(\$31,607)	(\$42,116)
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$1,398,124	\$1,341,710
<u>Revenue Requirement Calculation:</u>				
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$699,062	\$1,369,917
30	Proration Adjustment	Page 13	\$242	
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$699,304	\$1,369,917
32	Pre-Tax ROR	, Line 33	8.23%	8.23%
33	Proration	Line 14	0.00%	
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$57,553	\$112,744
35	Book Depreciation	Line 18	\$22,952	\$45,905
36	Annual Revenue Requirement	Line 34 + Line 35	\$80,505	\$158,649

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (e))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2028 Incremental Capital Investments

Line No.		FY 2028 (a)	(b)	(c)	(d)	(e)
	<u>Capital Repairs Deduction</u>					
1	Plant Additions	Page 14	\$1,452,683	<div style="border: 1px solid black; padding: 5px;"> 20 Year MACRS Depreciation MACRS basis: Line 20 \$1,329,060 Annual Cumulative Calendar Year Mar-2028 3.750% \$49,840 \$173,463 Mar-2029 7.219% \$95,945 \$269,408 Mar-2030 6.677% \$88,741 \$358,149 Mar-2031 6.177% \$82,096 \$440,245 Mar-2032 5.713% \$75,929 \$516,174 Mar-2033 5.285% \$70,241 \$586,415 Mar-2034 4.888% \$64,964 \$651,380 Mar-2035 4.522% \$60,100 \$711,480 Mar-2036 4.462% \$59,303 \$770,783 Mar-2037 4.461% \$59,289 \$830,072 Mar-2038 4.462% \$59,303 \$889,375 Mar-2039 4.461% \$59,289 \$948,664 Mar-2040 4.462% \$59,303 \$1,007,967 Mar-2041 4.461% \$59,289 \$1,067,256 Mar-2042 4.462% \$59,303 \$1,126,559 Mar-2043 4.461% \$59,289 \$1,185,848 Mar-2044 4.462% \$59,303 \$1,245,151 Mar-2045 4.461% \$59,289 \$1,304,440 Mar-2046 4.462% \$59,303 \$1,363,743 Mar-2047 4.461% \$59,289 \$1,423,032 Mar-2048 2.231% \$29,651 \$1,452,683 100.00% \$1,329,060 </div>		
2	Capital Repairs Deduction Rate	Per Tax Department	8.51%			
3	Capital Repairs Deduction	Line 1 * Line 2	\$123,623			
4						
5	<u>Bonus Depreciation</u>					
6	Plant Additions	Line 1	\$1,452,683			
7	Plant Additions		\$0			
8	Less Capital Repairs Deduction	Line 3	\$123,623			
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8	\$1,329,060			
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%			
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	\$0			
12	Bonus Depreciation Rate	at 0%	0.00%			
13	Total Bonus Depreciation Rate	Line 12	0.00%			
14	Bonus Depreciation	Line 11 * Line 13	\$0			
15						
16	<u>Remaining Tax Depreciation</u>					
17	Plant Additions	Line 1	\$1,452,683			
18	Less Capital Repairs Deduction	Line 3	\$123,623			
19	Less Bonus Depreciation	Line 14	\$0			
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19	\$1,329,060			
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%			
22	Remaining Tax Depreciation	Line 20 * Line 21	\$49,840			
23						
24	CY23 (Gain)/Loss incurred due to retirements		\$0			
25	Cost of Removal		\$0			
26						
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25	\$173,463			

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2028 Incremental Capital Investment

Line No.	Deferred Tax Subject to Proration		<u>FY 2028</u> (a)
1	Book Depreciation	Page 14, Line 18	\$22,952
2	Bonus Depreciation		\$0
3	Remaining MACRS Tax Depreciation	Page 15, column (d), Line 6	(\$49,840)
4	Plan Year 2024 tax (gain)/loss on retirements		\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$26,887)
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$5,646)
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	Page 15, Line 3	(\$123,623)
9	Cost of Removal		\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2028		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$123,623)
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	(\$25,961)
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$31,607)
15	Net Operating Loss	Page 14, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$31,607)
Allocation of Plan Year 2028 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$26,887)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$123,623)
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$150,510)
20	Total Plan Year 2028 Federal NOL (Utilization)		\$0
21	Allocated Plan Year 2028 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	\$0
22	Allocated Plan Year 2028 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	\$0
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$5,646)
		(b) (c)	(d)
Proration Calculation			
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	\$0
			(\$2,581)
39	Deferred Tax Without Proration	Line 25	(\$5,646)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$2,823)
41	Proration Adjustment	Line 38 - Line 40	\$242

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Annual Revenue Requirement Summary FY 2029 Investment

Line No.			FY 2029 (a)
<u>Capital Investment Allowance</u>			
1	Meters	Attachment PUC 7-10-2, Page 7	\$192,257
2	Software	Attachment PUC 7-10-2, Page 1	\$1,470,384
3	Network	Attachment PUC 7-10-2, Page 4	\$7,028
4	Total Allowed Capital Included in Rate Base (non-intangible)	Line 1 + Line 2 + Line 3	\$1,669,669
<u>Depreciable Net Capital Included in Rate Base</u>			
5	Total Allowed Capital Included in Rate Base in Current Year	Line 4	\$1,669,669
6	Retirements		\$0
7	Net Depreciable Capital Included in Rate Base	Year 1 = Line 4 - Line 5; Then = Prior Year Line 6	\$1,669,669
<u>Change in Net Capital Included in Rate Base</u>			
8	Capital Included in Rate Base	Line 4	\$1,669,669
9	Depreciation Expense		\$0
10	Incremental Capital Amount	Year 1 = Line 7 - Line 8; Then = Prior Year Line 9	\$1,669,669
11	Cost of Removal		\$0
12	Total Net Plant in Service	Line 10 + Line 11	\$1,669,669
<u>Deferred Tax Calculation:</u>			
13	Composite Book Depreciation Rate	FY 2024 ISR Plan	1/ 3.16%
14	Proration Percentage		
15	Vintage Year Tax Depreciation:		
16	Tax Depreciation and Year 1 Basis Adjustments	Year 1 = Page 18, Line 27, Column (a), Then = Page 18, Column (d)	\$199,373
17	Cumulative Tax Depreciation	Prior Year Line 17 + Current Year Line 16	\$199,373
18	Book Depreciation	Line 13	\$26,381
19	Cumulative Book Depreciation	Prior Year Line 19 + Current Year Line 18	\$26,381
20	Cumulative Book / Tax Timer	Line 17 - Line 19	\$172,992
21	Effective Tax Rate		21.00%
22	Deferred Tax Reserve	Line 20 * Line 21	\$36,328
23	Add: CY 2023 Federal (NOL) Utilization		\$0
24	Net Deferred Tax Reserve before Proration Adjustment	Sum of Lines 22 through 23	\$36,328
<u>Rate Base Calculation:</u>			
25	Cumulative Incremental Capital Included in Rate Base	Line 12	\$1,669,669
26	Accumulated Depreciation	-Line 19	(\$26,381)
27	Deferred Tax Reserve	-Line 24	(\$36,328)
28	Year End Rate Base before Deferred Tax Proration	Sum of Lines 25 through 27	\$1,606,960
<u>Revenue Requirement Calculation:</u>			
29	Average Rate Base before Deferred Tax Proration Adjustment	Year 1 = Current Year, Line 28 * 50%; Then = (Prior Year Line 28 + Current Year Line 28) ÷ 2	\$803,480
30	Proration Adjustment	Page 13	\$279
31	Average ISR Rate Base after Deferred Tax Proration	Line 30 + Line 31	\$803,759
32	Pre-Tax ROR	, Line 33	8.23%
33	Proration	Line 14	0.00%
34	Return and Taxes	Year 1 = Lines 31 * 32 * 33; Then = Lines 31 * 32	\$66,149
35	Book Depreciation	Line 18	\$26,381
36	Annual Revenue Requirement	Line 34 + Line 35	\$92,530

1/ 3.16% = Composite Book Depreciation Rate for ISR plant per RIPUC Docket No. 4770 (Page 28 of 35, Line 3, Col (e))

The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Tax Depreciation and Repairs Deduction on FY 2029 Incremental Capital Investments

Line No.		FY 2029 (a)	(b)	(c)	(d)	(e)	
	<u>Capital Repairs Deduction</u>						
1	Plant Additions	Page 17	\$1,669,669	20 Year MACRS Depreciation			
2	Capital Repairs Deduction Rate	Per Tax Department	8.51%				
3	Capital Repairs Deduction	Line 1 * Line 2	\$142,089				
4				MACRS basis:	Line 20	\$1,527,580	
5	<u>Bonus Depreciation</u>			Calendar Year	Annual	Cumulative	
6	Plant Additions	Line 1	\$1,669,669	Mar-2028	3.750%	\$57,284	\$199,373
7	Plant Additions		\$0	Mar-2029	7.219%	\$110,276	\$309,649
8	Less Capital Repairs Deduction	Line 3	\$142,089	Mar-2030	6.677%	\$101,997	\$411,646
9	Plant Additions Net of Capital Repairs Deduction	Line 6 + Line 7 - Line 8	\$1,527,580	Mar-2031	6.177%	\$94,359	\$506,004
10	Percent of Plant Eligible for Bonus Depreciation	Per Tax Department	0.00%	Mar-2032	5.713%	\$87,271	\$593,275
11	Plant Eligible for Bonus Depreciation	Line 9 * Line 10	\$0	Mar-2033	5.285%	\$80,733	\$674,008
12	Bonus Depreciation Rate	at 0%	0.00%	Mar-2034	4.888%	\$74,668	\$748,676
13	Total Bonus Depreciation Rate	Line 12	0.00%	Mar-2035	4.522%	\$69,077	\$817,753
14	Bonus Depreciation	Line 11 * Line 13	\$0	Mar-2036	4.462%	\$68,161	\$885,913
15				Mar-2037	4.461%	\$68,145	\$954,059
16	<u>Remaining Tax Depreciation</u>			Mar-2038	4.462%	\$68,161	\$1,022,219
17	Plant Additions	Line 1	\$1,669,669	Mar-2039	4.461%	\$68,145	\$1,090,365
18	Less Capital Repairs Deduction	Line 3	\$142,089	Mar-2040	4.462%	\$68,161	\$1,158,525
19	Less Bonus Depreciation	Line 14	\$0	Mar-2041	4.461%	\$68,145	\$1,226,671
20	Remaining Plant Additions Subject to 20 YR MACRS Tax Depreciation	Line 17 - Line 18 - Line 19	\$1,527,580	Mar-2042	4.462%	\$68,161	\$1,294,832
21	20 YR MACRS Tax Depreciation Rates	Per IRS Publication 946	3.750%	Mar-2043	4.461%	\$68,145	\$1,362,977
22	Remaining Tax Depreciation	Line 20 * Line 21	\$57,284	Mar-2044	4.462%	\$68,161	\$1,431,138
23				Mar-2045	4.461%	\$68,145	\$1,499,283
24	CY23 (Gain)/Loss incurred due to retirements		\$0	Mar-2046	4.462%	\$68,161	\$1,567,444
25	Cost of Removal		\$0	Mar-2047	4.461%	\$68,145	\$1,635,589
26				Mar-2048	2.231%	\$34,080	\$1,669,669
27	Total Tax Depreciation and Repairs Deduction	Sum of Lines 3, 14, 22, 24, and 25	\$199,373		100.00%	\$1,527,580	

**The Narragansett Electric Company
d/b/a Rhode Island Energy
Illustrative AMF Capital Investments in Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Net Deferred Tax Reserve Proration on FY 2029 Incremental Capital Investment**

<u>Line No.</u>	Deferred Tax Subject to Proration		<u>FY 2029</u> (a)
1	Book Depreciation	Page 17, Line 18	\$26,381
2	Bonus Depreciation		\$0
3	Remaining MACRS Tax Depreciation	Page 18, column (d), Line 6	(\$57,284)
4	Plan Year 2024 tax (gain)/loss on retirements		\$0
5	Cumulative Book / Tax Timer	Sum of Lines 1 through 4	(\$30,903)
6	Effective Tax Rate		21.00%
7	Deferred Tax Reserve	Line 5 * Line 6	(\$6,490)
Deferred Tax Not Subject to Proration			
8	Capital Repairs Deduction	Page 18, Line 3	(\$142,089)
9	Cost of Removal		\$0
10	Book/Tax Depreciation Timing Difference at 3/31/2029		
11	Cumulative Book / Tax Timer	Line 8 + Line 9 + Line 10	(\$142,089)
12	Effective Tax Rate		21.00%
13	Deferred Tax Reserve	Line 11 * Line 12	(\$29,839)
14	Total Deferred Tax Reserve	Line 7 + Line 13	(\$36,328)
15	Net Operating Loss	Page 17, Line 23	\$0
16	Net Deferred Tax Reserve	Line 14 + Line 15	(\$36,328)
Allocation of Plan Year 2029 Estimated Federal NOL			
17	Cumulative Book/Tax Timer Subject to Proration	Col (b) = Line 5	(\$30,903)
18	Cumulative Book/Tax Timer Not Subject to Proration	Line 11	(\$142,089)
19	Total Cumulative Book/Tax Timer	Line 17 + Line 18	(\$172,992)
20	Total Plan Year 2029 Federal NOL (Utilization)		\$0
21	Allocated Plan Year 2029 Federal NOL Not Subject to Proration	(Line 18 / Line 19) * Line 20	\$0
22	Allocated Plan Year 2029 Federal NOL Subject to Proration	(Line 17 / Line 19) * Line 20	\$0
23	Effective Tax Rate		21%
24	Deferred Tax Benefit subject to proration	Line 22 * Line 23	\$0
25	Net Deferred Tax Reserve subject to proration	Line 7 + Line 24	(\$6,490)
		(b)	(c)
			(d)
Proration Calculation			
		<u>Number of Days in Month</u>	<u>Proration Percentage</u>
26	April	30	91.78%
27	May	31	83.29%
28	June	30	75.07%
29	July	31	66.58%
30	August	31	58.08%
31	September	30	49.86%
32	October	31	41.37%
33	November	30	33.15%
34	December	31	24.66%
35	January	31	16.16%
36	February	28	8.49%
37	March	31	0.00%
38	Total	365	\$0
			(\$2,966)
39	Deferred Tax Without Proration	Line 25	(\$6,490)
40	Average Deferred Tax without Proration	Line 39 × 0.5	(\$3,245)
41	Proration Adjustment	Line 38 - Line 40	\$279

Column Notes:

- (c) Sum of remaining days in the Apr 1-Dec 31 period (Col (b)) ÷ 275
- (d) Current Year Line 25 ÷ 12 × Current Month Col (c)

The Narragansett Electric Company
d/b/a Rhode Island Energy
Forecasted FY ISR Property Tax Recovery Adjustment
(000s)

	(a)	(b)	(c)	(d)	(e)	(f)	(d)	(e)	(f)	
	ISR Prop. Tax for FY2024			ISR Prop. Tax for FY2025			ISR Prop. Tax for FY2026			
1	Net Plant Additions	\$0		\$67,023,424			\$87,439,124			
2	FY 2024 ISR Year Effective Tax Rate	2.87%		2.87%			2.87%			
3	FY 2024 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	2.87%	\$0	
4	FY 2025 Net Incremental times rate	\$0	2.87%	\$0	\$67,023,424	2.87%	\$1,923,572	\$57,770,480	2.87%	\$1,658,013
5	FY 2026 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	\$87,439,124	2.87%	\$2,509,503
6	FY 2027 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	\$0	2.87%	\$0
7	FY 2028 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	\$0	2.87%	\$0
8	FY 2029 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	\$0	2.87%	\$0
9	Total ISR Property Tax Recovery		<u>\$0</u>		<u>\$1,923,572</u>			<u>\$4,167,516</u>		
	ISR Prop. Tax for FY2027			ISR Prop. Tax for FY2028			ISR Prop. Tax for FY2029			
10	Net Plant Additions	\$306,591		\$1,458,285			\$1,902,486			
11	FY 2024 ISR Year Effective Tax Rate	2.87%		2.87%			2.87%			
12	FY 2024 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	2.87%	\$0	
13	FY 2025 Net Incremental times rate	\$55,652,540	2.87%	\$1,597,228	\$53,534,600	2.87%	\$1,536,443	\$51,416,660	2.87%	\$1,475,658
14	FY 2026 Net Incremental times rate	\$84,676,047	2.87%	\$2,430,203	\$81,912,971	2.87%	\$2,350,902	\$79,149,895	2.87%	\$2,271,602
15	FY 2027 Net Incremental times rate	\$306,591	2.87%	\$8,799	\$296,903	2.87%	\$8,521	\$287,214	2.87%	\$8,243
16	FY 2028 Net Incremental times rate	\$0	2.87%	\$0	\$1,452,683	2.87%	\$41,692	\$1,406,778	2.87%	\$40,375
17	FY 2029 Net Incremental times rate	\$0	2.87%	\$0	\$0	2.87%	\$0	\$1,669,669	2.87%	\$47,920
18	Total ISR Property Tax Recovery		<u>\$4,036,230</u>		<u>\$3,937,558</u>			<u>\$3,843,797</u>		

The Narragansett Electric Company
d/b/a Rhode Island Energy
Plan Year 2024 Electric Infrastructure, Safety, and Reliability (ISR) Plan
Calculation of Weighted Average Cost of Capital

<u>Line No.</u>	(a)	(b)	(c)	(d)	(e)
Weighted Average Cost of Capital as approved in RIPUC Docket No. 4323 at 35% income tax rate effective					
1	April 1, 2013				
2					
3	Long Term Debt	49.95%	4.96%	2.48%	2.48%
4	Short Term Debt	0.76%	0.79%	0.01%	0.01%
5	Preferred Stock	0.15%	4.50%	0.01%	0.01%
6	Common Equity	49.14%	9.50%	4.67%	2.51% 7.18%
7		100.00%		7.17%	2.51% 9.68%
8					
9	(d) - Column (c) x 35% divided by (1 - 35%)				
10					
Weighted Average Cost of Capital as approved in RIPUC Docket No. 4323 at 21% income tax rate effective					
11	January 1, 2018				
12					
13	Long Term Debt	49.95%	4.96%	2.48%	2.48%
14	Short Term Debt	0.76%	0.79%	0.01%	0.01%
15	Preferred Stock	0.15%	4.50%	0.01%	0.01%
16	Common Equity	49.14%	9.50%	4.67%	1.24% 5.91%
17		100.00%		7.17%	1.24% 8.41%
18					
19	(d) - Column (c) x 21% divided by (1 - 21%)				
20					
Weighted Average Cost of Capital as approved in RIPUC Docket No. 4770 effective September 1, 2018					
21					
22					
23	Long Term Debt	48.35%	4.62%	2.23%	2.23%
24	Short Term Debt	0.60%	1.76%	0.01%	0.01%
25	Preferred Stock	0.10%	4.50%	0.00%	0.00%
26	Common Equity	50.95%	9.28%	4.73%	1.26% 5.99%
27		100.00%		6.97%	1.26% 8.23%
28					
29	(d) - Column (c) x 21% divided by (1 - 21%)				
30					
31	FY18 Blended Rate	Line 7(e) x 75% + Line 17(e) x 25%			9.36%
32					
33	FY19 Blended Rate	Line 17 x 5 ÷ 12 + Line 27 x 7 ÷ 12			8.31%
34					
35	FY20 and after Rate	Line 27(e)			8.23%

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF - Intangible Software Costs (Updated PUC 1-11)

				DEPLOYMENT				POST-DEPLOYMENT / OPERATIONS			
				AMF Recovery Year 1	AMF Recovery Year 2	AMF Recovery Year 3	AMF Recovery Year 4	AMF Recovery Year 5	AMF Recovery Year 6	AMF Recovery Year 7	
<u>Cost Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>FERC Account</u>	September 2023 to March 2024	April 2024 to March 2025	April 2025 to March 2026	April 2026 to March 2027	April 2027 to March 2028	April 2028 to March 2029	April 2029 to March 2030
04. Program	PPL Labor	PPL Labor	PPL PMO Oversight (IT) - AMF Implementation PMO	303		\$0.00	\$2,800,056	\$0	\$0	\$0	\$0
03.Systems	Network Model Analytics	NMA/AGA	Network Model Analytics / AGA	303	0	0	\$391,538	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake	303	0	0	\$1,321,843	\$0	\$0	\$0	\$0
03.Systems	Advanced Analytics	Adv.Analytics	Advanced Analytics	303	0	0	\$845,260	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake - SI VENDOR	303	0	0	\$1,218,090	\$0	\$0	\$0	\$0
03.Systems	CSS	CSS	Customer Service Software	303	0	0	\$1,682,264	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deploy. xchg. Mgt.	Deployment Exchange Management	303	0	0	\$334,411	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deploy. xchg. Mgt.	Deployment Work Management - SI Vendor	303	0	0	\$886,855	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	Software as a Service (SaaS) Vendor - Headend (Implement)	303	0	0	\$6,713,923	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	SI Vendor - Headend (Implement)	303	0	0	\$3,355,090	\$0	\$0	\$0	\$0
03.Systems	Headend Upgrade	Headend	E2E System Testing (Headend Upgrade)	303	0	0	\$0	\$0	\$0	\$0	\$184,065
03.Systems	WiSun	WiSun	Software as a Service (SaaS) - WiSun (Implement)	303	0	0	\$1,967,347	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	Software as a Service (SaaS) Vendor - MDMS (Implement)	303	0	0	\$3,082,660	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	SI Vendor - MDMS (Implement)	303	0	0	\$1,356,995	\$0	\$0	\$0	\$0
03.Systems	MDMS Upgrade	MDMS	E2E System Testing (MDMS Upgrade)	303	0	0	\$0	\$0	\$0	\$0	\$0
03.Systems	Middleware	Middleware	Middleware (Implement)	303	0	0	\$758,468	\$0	\$0	\$0	\$0
03.Systems	Middleware	Middleware	Middleware - SI Vendor (Implement)	303	0	0	\$1,998,095	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	CyberSecurity (Implement)	303	0	0	\$708,353	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	SI Vendor - CyberSecurity (Implement)	303	0	0	\$1,869,875	\$0	\$0	\$0	\$0
03.Systems	Customer Portal	Customer Portal	Customer Portal	303	0	0	\$1,079,000	\$0	\$0	\$0	\$0
03.Systems	Outage Alerts	Outage Alerts	Customer Outage Alerts	303	0	0	\$332,000	\$0	\$0	\$0	\$0
03.Systems	Green Button	Green Button	Green Button Connect	303	0	0	\$664,000	\$0	\$0	\$0	\$0
03.Systems	Bill Alerts	Bill Alerts	Bill Alerts	303	0	0	\$332,000	\$0	\$0	\$0	\$0
03.Systems	DG Portal	DG Portal	Solar Marketplace	303	0	0	\$664,000	\$0	\$0	\$0	\$0
03.Systems	Carbon Footprint Calc.	Carbon Footprint Calc.	Carbon Footprint Calculator	303	0	0	\$166,000	\$0	\$0	\$0	\$0
03.Systems	C&I and Multi-Family Port. View	Portfolio View	C&I and Multi-Family Portfolio View	303	0	0	\$415,000	\$0	\$0	\$0	\$0
03.Systems	Time Varying Rates (TVR)	TVR	Time Varying Rates (TVR) - Full Implementation	303	0	0	\$0	\$263,915	\$1,281,874	\$1,470,384	\$0
03.Systems	ADMS & OMS	ADMS & OMS	ADMS & OMS	303	0	0	\$1,794,902	\$0	\$0	\$0	\$0
					\$0.00	\$0.00	\$36,738,024	\$263,915	\$1,281,874	\$1,470,384	\$184,065

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF - Intangible Software Costs (Updated PUC 1-11)

POST-DEPLOYMENT / OPERATIONS

Cost Category 1	Cost Category 3	Cost Category 4	Full Description	FERC Account	AMF Recovery Year 8	AMF Recovery Year 9	AMF Recovery Year 10	AMF Recovery Year 11	AMF Recovery Year 12	AMF Recovery Year 13	AMF Recovery Year 14	AMF Recovery Year 15
					April 2030 to March 2031	April 2031 to March 2032	April 2032 to March 2033	April 2033 to March 2034	April 2034 to March 2035	April 2035 to March 2036	April 2036 to March 2037	April 2037 to March 2038
04. Program	PPL Labor	PPL Labor	PPL PMO Oversight (IT) - AMF Implementation PMO	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Network Model Analytics	NMA/AGA	Network Model Analytics / AGA	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Advanced Analytics	Adv.Analytics	Advanced Analytics	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake - SI VENDOR	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	CSS	CSS	Customer Service Software	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deply. xchg. Mgt.	Deployment Exchange Management	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deply. xchg. Mgt.	Deployment Work Management - SI Vendor	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	Software as a Service (SaaS) Vendor - Headend (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	SI Vendor - Headend (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend Upgrade	Headend	E2E System Testing (Headend Upgrade)	303	\$552,196	\$0	\$0	\$0	\$206,229	\$618,688	\$0	\$0
03.Systems	WiSun	WiSun	Software as a Service (SaaS) - WiSun (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	Software as a Service (SaaS) Vendor - MDMS (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	SI Vendor - MDMS (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS Upgrade	MDMS	E2E System Testing (MDMS Upgrade)	303	\$282,448	\$847,345	\$0	\$0	\$0	\$0	\$323,737	\$971,212
03.Systems	Middleware	Middleware	Middleware (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Middleware	Middleware	Middleware - SI Vendor (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	CyberSecurity (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	SI Vendor - CyberSecurity (Implement)	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Customer Portal	Customer Portal	Customer Portal	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Outage Alerts	Outage Alerts	Customer Outage Alerts	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Green Button	Green Button	Green Button Connect	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Bill Alerts	Bill Alerts	Bill Alerts	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	DG Portal	DG Portal	Solar Marketplace	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Carbon Footprint Calc.	Carbon Footprint Calc.	Carbon Footprint Calculator	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	C&I and Multi-Family Port. View	Portfolio View	C&I and Multi-Family Portfolio View	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	Time Varying Rates (TVR)	TVR	Time Varying Rates (TVR) - Full Implementation	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
03.Systems	ADMS & OMS	ADMS & OMS	ADMS & OMS	303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
					\$834,644	\$847,345	\$0	\$0	\$206,229	\$618,688	\$323,737	\$971,212

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF - Intangible Software Costs (Updated PUC 1-11)

				POST-DEPLOYMENT / OPERATIONS				
<u>Cost Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>AMF Recovery Year 16</u>	<u>AMF Recovery Year 17</u>	<u>AMF Recovery Year 18</u>	<u>AMF Recovery Year 19</u>	<u>AMF Recovery Year 20</u>
				<u>April 2038 to March 2039</u>	<u>April 2039 to March 2040</u>	<u>April 2040 to March 2041</u>	<u>April 2041 to March 2042</u>	<u>April 2042 to March 2043</u>
04. Program	PPL Labor	PPL Labor	PPL PMO Oversight (IT) - AMF Implementation PMO	\$0	\$0	\$0	\$0	\$0
03.Systems	Network Model Analytics	NMA/AGA	Network Model Analytics / AGA	\$0	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake	\$0	\$0	\$0	\$0	\$0
03.Systems	Advanced Analytics	Adv.Analytics	Advanced Analytics	\$0	\$0	\$0	\$0	\$0
03.Systems	Data Lake	Data Lake	Data Lake - SI VENDOR	\$0	\$0	\$0	\$0	\$0
03.Systems	CSS	CSS	Customer Service Software	\$0	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deply. xchg. Mgt.	Deployment Exchange Management	\$0	\$0	\$0	\$0	\$0
03.Systems	Deployment Exchange Management (Electric)	Deply. xchg. Mgt.	Deployment Work Management - SI Vendor	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	Software as a Service (SaaS) Vendor - Headend (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend	Headend	SI Vendor - Headend (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	Headend Upgrade	Headend	E2E System Testing (Headend Upgrade)	\$0	\$231,062	\$693,186	\$0	\$0
03.Systems	WiSun	WiSun	Software as a Service (SaaS) - WiSun (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	Software as a Service (SaaS) Vendor - MDMS (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS	MDMS	SI Vendor - MDMS (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	MDMS Upgrade	MDMS	E2E System Testing (MDMS Upgrade)	\$0	\$0	\$0	\$0	\$0
03.Systems	Middleware	Middleware	Middleware (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	Middleware	Middleware	Middleware - SI Vendor (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	CyberSecurity (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	CyberSecurity	CyberSecurity	SI Vendor - CyberSecurity (Implement)	\$0	\$0	\$0	\$0	\$0
03.Systems	Customer Portal	Customer Portal	Customer Portal	\$0	\$0	\$0	\$0	\$0
03.Systems	Outage Alerts	Outage Alerts	Customer Outage Alerts	\$0	\$0	\$0	\$0	\$0
03.Systems	Green Button	Green Button	Green Button Connect	\$0	\$0	\$0	\$0	\$0
03.Systems	Bill Alerts	Bill Alerts	Bill Alerts	\$0	\$0	\$0	\$0	\$0
03.Systems	DG Portal	DG Portal	Solar Marketplace	\$0	\$0	\$0	\$0	\$0
03.Systems	Carbon Footprint Calc.	Carbon Footprint Calc.	Carbon Footprint Calculator	\$0	\$0	\$0	\$0	\$0
03.Systems	C&I and Multi-Family Port. View	Portfolio View	C&I and Multi-Family Portfolio View	\$0	\$0	\$0	\$0	\$0
03.Systems	Time Varying Rates (TVR)	TVR	Time Varying Rates (TVR) - Full Implementation	\$0	\$0	\$0	\$0	\$0
03.Systems	ADMS & OMS	ADMS & OMS	ADMS & OMS	\$0	\$0	\$0	\$0	\$0
				\$0	\$231,062	\$693,186	\$0	\$0

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Network Costs (Updated PUC 1-12)

Cost Category 1	Cost Category 3	Cost Category 4	Full Description	FERC Account	DEPLOYMENT				POST-DEPLOYMENT / O	
					AMF Recovery Year 1	AMF Recovery Year 2	AMF Recovery Year 3	AMF Recovery Year 4	AMF Recovery Year 5	AMF Recovery Year 6
					September 2023 to March 2024	April 2024 to March 2025	April 2025 to March 2026	April 2026 to March 2027	April 2027 to March 2028	April 2028 to March 2029
02.Network Year 4	Vendor /External Labor	Installation Vendor	RF Network Installation Vendor Project Management Oversight	397	\$ -	\$ -	\$ 1,190,003	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(High Capacity Gateways) Hardware - High Capacity Network Gateway	397	\$ -	\$ 408,205	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Modem	(High Capacity Gateways) Hardware - Cellular Backhaul Modem	397	\$ -	\$ 174,945	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Telecom Cabinet	(High Capacity Gateways) Hardware - Telecom Cabinet	397	\$ -	\$ 291,575	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Poles	(Gateways) Pole (Equipment)	397	\$ -	\$ 787,349	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(Standard Capacity Gateways) Hardware - Network Gateway	397	\$ -	\$ 1,247,406	\$ -	\$ -	\$ -	\$ -
02.Network	Router	Routers	(Routers) Hardware - Routers	397	\$ -	\$ 1,787,328	\$ -	\$ -	\$ -	\$ -
02.Network	Transformers	Transformers	Additional Transformers required - material	397	\$ -	\$ 173,717	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Routers, Gateways, Antennas, Modem	397	\$ -	\$ 12,642	\$ -	\$ -	\$ -	\$ -
02.Network	Ancillary Equipment	Network Testing	Network Development and Testing - Equipment	397	\$ -	\$ 8,560	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Site Installations	(High Capacity Gateways) Site Installation (pole, antennas, cabinets, etc)	397	\$ -	\$ -	\$ 4,665,200	\$ -	\$ -	\$ -
02.Network	Site Engineering	Site Engineering Permits	(High Capacity Gateways) Site Engineering design (power, permits, FAA, etc)	397	\$ -	\$ 327,000	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Network Gateway	(Standard Capacity Gateways) Installation - Network Gateway	397	\$ -	\$ -	\$ 351,750	\$ -	\$ -	\$ -
02.Network Year 4	Router	Routers	(Routers) Installation - Routers	397	\$ -	\$ -	\$ 1,120,000	\$ -	\$ -	\$ -
02.Network Year 4	Transformers	Transformers	Additional Transformers required - Install	397	\$ -	\$ -	\$ 147,175	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Installation	397	\$ -	\$ 4,375	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Hardware - Gateways	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,322
02.Network	Router	Routers (Replacements)	Network equipment replacement - Hardware - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,507
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Cellular Backhaul Modems 4G-2-5G (High Capacity Gateway locations)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Network Gateway 4G-2-5G (Standard Capacity locations)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Install - Gateways	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 627
02.Network	Router	Routers (Replacements)	Network equipment replacement - Install - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,571
02.Network	Gateway	4G-2-5G Upgrade	Installation - Cellular Backhaul Modems 4G-2-5G	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Installation - Network Gateway 4G-2-5G	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network lead	397	\$ -	\$ -	\$ 831,360	\$ -	\$ -	\$ -
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network Analyst	397	\$ -	\$ -	\$ 672,000	\$ -	\$ -	\$ -
					\$0	\$5,223,102	\$8,977,487	\$0	\$0	\$7,029

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Network Costs (Updated PUC 1-12)

Cost Category 1	Cost Category 3	Cost Category 4	Full Description	FERC Account	OPERATIONS		POST-DEPLOYMENT / OPERATIONS					
					AMF Recovery Year 7	AMF Recovery Year 8	AMF Recovery Year 9	AMF Recovery Year 10	AMF Recovery Year 11	AMF Recovery Year 12	AMF Recovery Year 13	
					April 2029 to March 2030	April 2030 to March 2031	April 2031 to March 2032	April 2032 to March 2033	April 2033 to March 2034	April 2034 to March 2035	April 2035 to March 2036	
02.Network Year 4	Vendor /External Labor	Installation Vendor	RF Network Installation Vendor Project Management Oversight	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(High Capacity Gateways) Hardware - High Capacity Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Modem	(High Capacity Gateways) Hardware - Cellular Backhaul Modem	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Telecom Cabinet	(High Capacity Gateways) Hardware - Telecom Cabinet	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Poles	(Gateways) Pole (Equipment)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(Standard Capacity Gateways) Hardware - Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Router	Routers	(Routers) Hardware - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Transformers	Transformers	Additional Transformers required - material	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Routers, Gateways, Antennas, Modem	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Ancillary Equipment	Network Testing	Network Development and Testing - Equipment	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Site Installations	(High Capacity Gateways) Site Installation (pole, antennas, cabinets, etc)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Site Engineering	Site Engineering Permits	(High Capacity Gateways) Site Engineering design (power, permits, FAA, etc)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Network Gateway	(Standard Capacity Gateways) Installation - Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Router	Routers	(Routers) Installation - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Transformers	Transformers	Additional Transformers required - Install	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Installation	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Hardware - Gateways	397	\$ 9,295	\$ 9,319	\$ 9,342	\$ 9,365	\$ 9,389	\$ 9,412	\$ 9,436	
02.Network	Router	Routers (Replacements)	Network equipment replacement - Hardware - Routers	397	\$ 10,035	\$ 10,060	\$ 10,085	\$ 10,110	\$ 10,136	\$ 10,161	\$ 10,186	
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Cellular Backhaul Modems 4G-2-5G (High Capacity Gateway locations)	397	\$ -	\$ -	\$ -	\$ 14,433	\$ 57,732	\$ 58,169	\$ 44,611	
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Network Gateway 4G-2-5G (Standard Capacity locations)	397	\$ -	\$ -	\$ -	\$ 102,911	\$ 411,644	\$ 414,762	\$ 318,089	
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Install - Gateways	397	\$ 2,510	\$ 2,517	\$ 2,523	\$ 2,529	\$ 2,536	\$ 2,542	\$ 2,548	
02.Network	Router	Routers (Replacements)	Network equipment replacement - Install - Routers	397	\$ 6,288	\$ 6,304	\$ 6,320	\$ 6,335	\$ 6,351	\$ 6,367	\$ 6,383	
02.Network	Gateway	4G-2-5G Upgrade	Installation - Cellular Backhaul Modems 4G-2-5G	397	\$ -	\$ -	\$ -	\$ 7,868	\$ 31,474	\$ 31,712	\$ 24,321	
02.Network	Gateway	4G-2-5G Upgrade	Installation - Network Gateway 4G-2-5G	397	\$ -	\$ -	\$ -	\$ 29,019	\$ 116,078	\$ 116,957	\$ 89,696	
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network lead	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network Analyst	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
					\$28,129	\$28,199	\$28,270	\$182,572	\$645,338	\$650,083	\$505,270	

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Network Costs (Updated PUC 1-12)

				POST-DEPLOYMENT / OPERATIONS							
				AMF Recovery	AMF	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	
				Year 14	Recovery	Year 16	Year 17	Year 18	Year 19	Year 20	
				Year 15	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	
<u>Cost Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>FERC Account</u>	April 2036 to	April 2037 to	April 2038 to	April 2039 to	April 2040 to	April 2041 to	April 2042 to
					March 2037	March 2038	March 2039	March 2040	March 2041	March 2042	March 2043
02.Network Year 4	Vendor /External Labor	Installation Vendor	RF Network Installation Vendor Project Management Oversight	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(High Capacity Gateways) Hardware - High Capacity Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Modem	(High Capacity Gateways) Hardware - Cellular Backhaul Modem	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Telecom Cabinet	(High Capacity Gateways) Hardware - Telecom Cabinet	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Poles	(Gateways) Pole (Equipment)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway	(Standard Capacity Gateways) Hardware - Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Router	Routers	(Routers) Hardware - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Transformers	Transformers	Additional Transformers required - material	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Routers, Gateways, Antennas, Modem	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Ancillary Equipment	Network Testing	Network Development and Testing - Equipment	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Site Installations	(High Capacity Gateways) Site Installation (pole, antennas, cabinets, etc)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Site Engineering	Site Engineering Permits	(High Capacity Gateways) Site Engineering design (power, permits, FAA, etc)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Gateway	Network Gateway	(Standard Capacity Gateways) Installation - Network Gateway	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Router	Routers	(Routers) Installation - Routers	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network Year 4	Transformers	Transformers	Additional Transformers required - Install	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Testing	Network Development and Testing - Installation	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Hardware - Gateways	397	\$ 9,459	\$ 9,483	\$ 9,507	\$ 9,530	\$ 9,554	\$ 7,179	\$ -
02.Network	Router	Routers (Replacements)	Network equipment replacement - Hardware - Routers	397	\$ 10,212	\$ 10,237	\$ 10,263	\$ 10,289	\$ 10,314	\$ 7,750	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Cellular Backhaul Modems 4G-2-5G (High Capacity Gateway locations)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Hardware - Network Gateway 4G-2-5G (Standard Capacity locations)	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	Network Gateway (Replacements)	Network equipment replacement - Install - Gateways	397	\$ 2,555	\$ 2,561	\$ 2,567	\$ 2,574	\$ 2,580	\$ 1,939	\$ -
02.Network	Router	Routers (Replacements)	Network equipment replacement - Install - Routers	397	\$ 6,399	\$ 6,415	\$ 6,431	\$ 6,447	\$ 6,463	\$ 4,857	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Installation - Cellular Backhaul Modems 4G-2-5G	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
02.Network	Gateway	4G-2-5G Upgrade	Installation - Network Gateway 4G-2-5G	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network lead	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - AMO Network Analyst	397	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
					\$28,625	\$28,696	\$28,768	\$28,840	\$28,912	\$21,725	\$0

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Meter Costs (Updated PUC 1-13)

DEPLOYMENT

AMF Recovery Year 1 AMF Recovery Year 2 AMF Recovery Year 3 AMF Recovery Year 4

<u>Cost</u>	<u>Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>FERC Account</u>	<u>September 2023 to March 2024</u>	<u>April 2024 to March 2025</u>	<u>April 2025 to March 2026</u>	<u>April 2026 to March 2027</u>
01.Meter	Vendor /External Labor	Installation Vendor		Meter Installation Vendor Project Management Oversight	370	\$0	\$2,369,872	\$1,015,659	\$0
01.Meter	Ancillary Equipment	Antennas		External Antenna Cost (Residential)	370	\$0	\$30,843	\$20,721	\$0
01.Meter	Ancillary Equipment	Antennas		External Antenna Cost (Commercial)	370	\$0	\$4,417	\$2,965	\$0
01.Meter	Meters	Meters		Meter Development and Testing - Meters	370	\$0	\$12,144	\$0	\$0
01.Meter	Meter Base	Meter Bases		Total Electric Meter Pre-Sweeps for deployment	370	\$0	\$3,300,136	\$1,100,051	\$0
01.Meter	QA/QC	Testing Vendor		Shipment Sample Meter Testing (Residential & Commercial)	370	\$0	\$307,612	\$94,688	\$0
01.Meter	Facility	Crossdock		Deployment Center, Facility cost (Crossdock)	370	\$0	\$1,250,000	\$750,000	\$0
01.Meter	Facility	Call Center		Deployment Call Center	370	\$0	\$1,325,894	\$795,536	\$0
01.Meter	Meters	Resid. Meters		Deployment - Automated RF (AMF) Meter Install Cost - Residential	370	\$0	\$4,878,113	\$6,351,834	\$0
01.Meter	Meters	C&I Meters		Deployment - Automated RF (AMF) Meter Install Cost - Commercial	370	\$0	\$1,396,817	\$1,818,807	\$0
01.Meter	Meters	Resid. Antennas		Deployment - External Antenna Electric Meter Install Cost - Residential	370	\$0	\$23,725	\$30,892	\$0
01.Meter	Meters	C&I Antennas		Deployment - External Antenna Electric Meter Install Cost - Commercial	370	\$0	\$3,397	\$4,423	\$0
04.Program	PPL Labor	PPL Labor		PPL PMO Oversight - AMF Implementation PMO	370	\$0	\$2,918,715	\$1,215,661	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Project Manager / Deployment Lead	370	\$0	\$839,999	\$360,000	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Metrics, Measures, and Financial Tracking	370	\$0	\$504,000	\$252,000	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Meter Inventory Management Analyst	370	\$0	\$567,000	\$189,000	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Deployment Exception Coordinator(s)	370	\$0	\$987,000	\$693,000	\$0
01.Meter	Meters	Meters (Growth)		Growth - Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$0	\$0	\$33,350
01.Meter	Meters	Meters (Growth)		Growth - Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$0	\$0	\$9,326
01.Meter	Meters	Meters (Replacements)		Meter Replacements - Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$0	\$0	\$0
01.Meter	Meters	Meters (Replacements)		Meter Replacements - Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$0	\$0	\$0
				Other Costs		\$0	\$20,719,683	\$14,695,238	\$42,676
01.Meter	Meters	Meters		Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$31,442,660	\$21,123,999	\$0
01.Meter	Meters	Meters		Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$8,794,851	\$5,904,375	\$0
01.Meter	Meters	Meter Seed Stock		Automated RF (AMF) Meter Cost - Spares / Seed Stock (Residential)	370	\$0	\$654,555	\$0	\$0
01.Meter	Meters	Meter Seed Stock		Automated RF (AMF) Meter Cost - Spares / Seed Stock (Commercial)	370	\$0	\$188,575	\$0	\$0
				Meter Costs		\$0	\$41,080,640	\$27,028,374	\$0
				Total Meters and Costs		\$0	\$61,800,323	\$41,723,612	\$42,676

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Meter Costs (Updated PUC 1-13)

				POST-DEPLOYMENT / OPERATIONS										
				AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery	AMF Recovery			
				Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12			
<u>Cost</u>	<u>Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>FERC</u>	April 2027 to	April 2028 to	April 2029 to	April 2030 to	April 2031 to	April 2032 to	April 2033 to	April 2034 to	April 2035 to
					<u>Account</u>	March 2028	March 2029	March 2030	March 2031	March 2032	March 2033	March 2034	March 2035	
	01.Meter	Vendor /External Labor	Installation Vendor	Meter Installation Vendor Project Management Oversight	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Ancillary Equipment	Antennas	External Antenna Cost (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Ancillary Equipment	Antennas	External Antenna Cost (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	Meters	Meter Development and Testing - Meters	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meter Base	Meter Bases	Total Electric Meter Pre-Sweeps for deployment	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	QA/QC	Testing Vendor	Shipment Sample Meter Testing (Residential & Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Facility	Crossdock	Deployment Center, Facility cost (Crossdock)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Facility	Call Center	Deployment Call Center	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	Resid. Meters	Deployment - Automated RF (AMF) Meter Install Cost - Residential	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	C&I Meters	Deployment - Automated RF (AMF) Meter Install Cost - Commercial	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	Resid. Antennas	Deployment - External Antenna Electric Meter Install Cost - Residential	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	C&I Antennas	Deployment - External Antenna Electric Meter Install Cost - Commercial	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	04.Program	PPL Labor	PPL Labor	PPL PMO Oversight - AMF Implementation PMO	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - Project Manager / Deployment Lead	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - Metrics, Measures, and Financial Tracking	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - Meter Inventory Management Analyst	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	04.Program	Vendor /External Labor	PMO Vendor Labor	PMO Vendor - Deployment Exception Coordinator(s)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	01.Meter	Meters	Meters (Growth)	Growth - Automated RF (AMF) Meter Cost (Residential)	370	\$133,484	\$133,817	\$134,152	\$134,487	\$134,823	\$135,161	\$135,498	\$135,837	
	01.Meter	Meters	Meters (Growth)	Growth - Automated RF (AMF) Meter Cost (Commercial)	370	\$37,326	\$37,419	\$37,513	\$37,607	\$37,701	\$37,795	\$37,889	\$37,984	
	01.Meter	Meters	Meters (Replacements)	Meter Replacements - Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$16,427	\$73,922	\$106,776	\$131,417	\$131,417	\$131,417	\$131,417	
	01.Meter	Meters	Meters (Replacements)	Meter Replacements - Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$4,594	\$20,671	\$29,858	\$36,748	\$36,748	\$36,748	\$36,748	
				Other Costs		\$170,810	\$192,257	\$266,257	\$308,728	\$340,689	\$341,120	\$341,553	\$341,986	
	01.Meter	Meters	Meters	Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	01.Meter	Meters	Meters	Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	01.Meter	Meters	Meter Seed Stock	Automated RF (AMF) Meter Cost - Spares / Seed Stock (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	01.Meter	Meters	Meter Seed Stock	Automated RF (AMF) Meter Cost - Spares / Seed Stock (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
				Meter Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
				Total Meters and Costs		\$170,810	\$192,257	\$266,257	\$308,728	\$340,689	\$341,120	\$341,553	\$341,986	

The Narragansett Electric Company
d/b/a Rhode Island Energy
AMF -Meter Costs (Updated PUC 1-13)

				POST-DEPLOYMENT / OPERATIONS									
				AMF Recovery	AMF Recovery	AMF	AMF Recovery	AMF Recovery	AMF	AMF Recovery	AMF Recovery		
				Year 13	Year 14	Recovery	Year 16	Year 17	Recovery	Year 19	Year 20		
				Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22		
<u>Cost</u>	<u>Category 1</u>	<u>Cost Category 3</u>	<u>Cost Category 4</u>	<u>Full Description</u>	<u>FERC</u>	April 2035 to	April 2036 to	April 2037 to	April 2038 to	April 2039 to	April 2040 to	April 2041 to	April 2042 to
					<u>Account</u>	March 2036	March 2037	March 2038	March 2039	March 2040	March 2041	March 2042	March 2043
01.Meter	Vendor /External Labor	Installation Vendor		Meter Installation Vendor Project Management Oversight	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Ancillary Equipment	Antennas		External Antenna Cost (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Ancillary Equipment	Antennas		External Antenna Cost (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Meters		Meter Development and Testing - Meters	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meter Base	Meter Bases		Total Electric Meter Pre-Sweeps for deployment	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	QA/QC	Testing Vendor		Shipment Sample Meter Testing (Residential & Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Facility	Crossdock		Deployment Center, Facility cost (Crossdock)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Facility	Call Center		Deployment Call Center	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Resid. Meters		Deployment - Automated RF (AMF) Meter Install Cost - Residential	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	C&I Meters		Deployment - Automated RF (AMF) Meter Install Cost - Commercial	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Resid. Antennas		Deployment - External Antenna Electric Meter Install Cost - Residential	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	C&I Antennas		Deployment - External Antenna Electric Meter Install Cost - Commercial	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
04.Program	PPL Labor	PPL Labor		PPL PMO Oversight - AMF Implementation PMO	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Project Manager / Deployment Lead	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Metrics, Measures, and Financial Tracking	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Meter Inventory Management Analyst	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
04.Program	Vendor /External Labor	PMO Vendor Labor		PMO Vendor - Deployment Exception Coordinator(s)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Meters (Growth)		Growth - Automated RF (AMF) Meter Cost (Residential)	370	\$136,177	\$136,517	\$136,859	\$137,201	\$137,544	\$137,888	\$103,609	\$0
01.Meter	Meters	Meters (Growth)		Growth - Automated RF (AMF) Meter Cost (Commercial)	370	\$38,079	\$38,174	\$38,270	\$38,365	\$38,461	\$38,558	\$28,972	\$0
01.Meter	Meters	Meters (Replacements)		Meter Replacements - Automated RF (AMF) Meter Cost (Residential)	370	\$131,417	\$131,417	\$131,417	\$131,417	\$131,417	\$131,417	\$98,562	\$0
01.Meter	Meters	Meters (Replacements)		Meter Replacements - Automated RF (AMF) Meter Cost (Commercial)	370	\$36,748	\$36,748	\$36,748	\$36,748	\$36,748	\$36,748	\$27,561	\$0
Other Costs						\$342,421	\$342,856	\$343,293	\$343,731	\$344,170	\$344,610	\$258,705	\$0
01.Meter	Meters	Meters		Automated RF (AMF) Meter Cost (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Meters		Automated RF (AMF) Meter Cost (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Meter Seed Stock		Automated RF (AMF) Meter Cost - Spares / Seed Stock (Residential)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
01.Meter	Meters	Meter Seed Stock		Automated RF (AMF) Meter Cost - Spares / Seed Stock (Commercial)	370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Meter Costs						\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Meters and Costs						\$342,421	\$342,856	\$343,293	\$343,731	\$344,170	\$344,610	\$258,705	\$0

PUC 7-14

Data Requests Regarding Supplemental Testimony

MDMS Allocation

Request:

Referring to the Supplemental Testimony at pages 27 and 28 and Confidential Attachment 3-22-2, relating to the MDMS cost allocation between TSA Exit and AMF, the testimony indicates that the allocation was based on the total number of functionality requirements assigned to the TSA Exit and AMF.

- a. Please provide the total estimated cost for implementing the MDMS, breaking it down between TSA Exit and AMF, including a breakdown between capital and O&M.
- b. Please provide two schedules: (1) one schedule which reflects each year of spend for each category of cost assigned to TSA Exit and AMF (separating O&M and capital), and (2) another schedule which reflects the annual revenue requirement for the AMF costs for which the Company is seeking rate recovery, (separating the portion of the revenue requirement for O&M from the portion of the revenue requirement associated with the capital expenditures).
- c. Please confirm or provide a schedule showing the entire list of functionalities used in the calculation of the allocation relating to TSA Exit and AMF (if this is already provided in the Confidential Attachment 3-22-2, please indicate).
- d. Tab 1 of Confidential Attachment 3-22-2 appears to indicate 224 functionalities, with 99 functionalities relating to AMF. However, columns E and F of Tab 2 do not appear to sum to those totals. Please clarify.
- e. For each of the functionalities assigned to AMF, please provide an explanation of why each functionality applied only to AMF or was shared with TSA Exit.
- f. Where a functionality was shared between AMF and TSA Exit, please explain the basis for allocating between the two for such functionality.
- g. Please explain whether and how AMF functionalities needed for the gas distribution business were addressed in the calculation of the allocation.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

Response:

- a. Please see Confidential Excel Attachment PUC 7-14-1. Costs of implementing are Years 1-4.
- b. (1) Please see Confidential Excel Attachment PUC 7-14-1. This attachment shows each year of spend based on contractual values.

(2) Please see Excel Attachment PUC 7-14-2 for the annual revenue requirement for the MDMS AMF Costs for which the Company is seeking rate recovery. The revenue requirement was calculated using the same model and assumptions as Schedule SAB/BLJ-1; however, the spend amounts used to determine the revenue requirement are derived from the portion of the MDMS AMF contract values that are presented on Confidential Excel Attachment PUC 7-14-1. Note that the spend on Confidential Excel Attachment PUC 7-14-1 is based on calendar year and the revenue requirement on Excel Attachment PUC 7-14-2 is shown by Recovery Year (October to September).
- c. A complete list of MDMS functionality requirements used in the calculation of allocating MDMS implementation costs between TSA Exit and AMF was provided as part of Confidential Attachment 3-22-2.
- d. The summary chart located at Tab 1 of Confidential Attachment PUC 3-22-2 determined that there were the 99 functionality requirements relating to AMF by summing up the number of entries for "MDMS for AMF" in Column C. Columns E & F, in contrast, were used for reference, but the sum total functionalities for AMF was based on review of the requirements and Column C.

Upon further review of the 99 AMF functionality requirements, two (REQ-04020 & REQ-04094) are related to gas readings and should have been assigned to TSA Exit as part of the "MDMS for Bill Readings" functionality. This would result in a total percentage of 43%, not 44%, for "MDMS for AMF" to be used for the estimated MDMS Implementation. As a result, in the cost model the estimated MDMS Implementation costs would be approximately \$70,000 less (\$3.01 million vs \$3.08 million).

- e. Please see Excel Attachment PUC 7-14-3 for a functionality requirement -by- functionality requirement explanation as to why the individual functionality requirement applies to AMF. As stated in the response to subpart (d), above, there are a total of 97 requirements that are assigned to AMF.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL

In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

Two (2) of the 97 functionality requirements (REQ-06027 & REQ-08019) indicate a split between TSA Exit and AMF in columns G and H, but have been assigned 100 percent to AMF for the following reasons. REQ-06027 is related to providing a count of the number of open orders which includes remote connect and remote disconnect orders. This functionality requirement is enabled by the AMF meter's remote disconnect ability, the AMF meter notifications, and internal Company processes. REQ-08019 deals with ensuring the MDMS system is aware when a customer has been shut off for non-payment and an unrelated power outage event is occurring at the same location. This functionality requirement is enabled by the AMF meter notifications as well as internal Company processes. Upon review of these details, and for simplicity, these two (2) functionality requirements are assigned 100 percent to AMF as indicated in column A.

The remaining 95 MDMS functionality requirements are assigned to AMF, as indicated in column A, and a requirement-by-requirement explanation is provided, in column B, that illustrates each of these are functionality requirements are brought about as a result of AMF.

- f. Each functionality requirement, was reviewed by our System Integrator and internal Subject Matter Experts, and assigned to one of three functionality categories: 1. MDMS for Bill Reads, 2. MDMS for Retail Settlement, and 3. MDMS for AMF. The first two categories— MDMS for Bill Reads and MDMS for Retail Settlement—were fully assigned to TSA Exit costs. Only MDMS for AMF functionalities were fully assigned to AMF.

As noted in the Company's response to PUC 7-14(d), upon inspection of these 99 functionalities, a total of 2 functionality requirements (REQ-04020 & REQ-04094) are related to gas and should have been assigned to the MDMS for Bill Reads functionality instead of MDMS for AMF.

Excel Attachment PUC 7-14-3 provides a functionality requirement-by-functionality requirement summary explanation as to why the individual functionality requirement was considered to apply towards either AMF and/or TSA Exit.

- g. Gas is not considered as part of the Rhode Island Energy AMF cost model and the Company's AMF filing is for electric only. A subsequent filing may occur when the Company is requesting approval to implement Gas AMF.

Nonetheless, of the 224 MDMS functionalities a total of 10 mention gas (REQ-04020, REQ-04002, REQ-04072, REQ-04090, REQ-04094, REQ-04095, REQ-04150, REQ-06068, REQ-06078, and REQ-06080). As part of the calculation and process explained

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

in the Company's response to PUC 7-14(f), eight of these were allocated to TSA Exit because they were assigned to the functionality category MDMS for Bill Reads. As noted in the Company's response to PUC 7-14(d), the other two functionalities (REQ-04020 & REQ-04094) should have been assigned to the MDMS for Bill Reads functionality instead of 3 MDMS for AMF.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

Attachment PUC 7-14-1 to Attachment PUC 7-14-3

Please see the Excel versions of Confidential Attachment PUC 7-14-1, Attachment PUC 7-14-2,
and Attachment PUC 7-14-3.

PUC 7-23 Supplemental

Data Requests Regarding Supplemental Testimony

Tata Consultancy Services Agreement

Request:

Referring to the Tata Consultancy Services agreement, Statement of Work (Attachment PUC 6-3-4), and the Milestone and Pricing tables shown at pages 19-22,

- a. Please provide a status update regarding the achievement of the milestones, indicating whether and when they were met, and whether payments have been made,
- b. Please indicate whether the Company is or will be seeking recovery of any of these costs and, if so, whether they were booked as capital or O&M, and in what years recovery occurs,
- c. Please explain the basis for the allocations of these costs for each line shown in the pricing table which allocates between TSA-Exit and AMF.

Original Response:

- a. As of 6/21/23, the first four milestones have been achieved. The first three were paid to TCS and the fourth one will be paid in June 2023. The total of these first 4 milestones is \$4,075,000. The remaining 17 milestones have not been achieved as of 6/21/23.

Invoice #	Approval Date	Payment Date	Amount
USCI223081310	11/28/22	12/8/22	500,000
USCI223087034	11/28/22	12/20/22	625,000
USCI223122985	2/7/23	4/3/23	1,475,000
USCI224011124	5/15/23	Not paid yet	1,475,000

- b. The Company will only be seeking recovery for the scope of work specific to AMF. As noted in the pricing section of the contract, each milestone is either all TSA-exit, all AMF or an allocation of both. The first four milestones that were paid all related to TSA-exit and were booked to the following account types.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

Invoice #	Amount	Capital accounts	O&M accounts
USCI223081310	500,000	150,000	350,000
USCI223087034	625,000	625,000	0
USCI223122985	1,475,000	1,475,000	0
USCI224011124	1,475,000	1,475,000	0

- c. The Company worked in conjunction with the vendor to breakdown the costs between TSA Exit and AMF based on the estimated work. Using the planned scope for each of the milestones and the analysis of the requirements to determine the split between TSA Exit and AMF costs for the overall project, each milestone was assigned its value based upon the relative effort of each milestone.

In the course of reviewing the Tata Consultancy Services Agreement Statement of Work (Attachment PUC 6-3-4) in connection with preparing these responses, the Company identified certain discrepancies in how the allocations between TSA Exit and AMF were reflected in the agreement. The Company is in the process of working on an amendment to correct these discrepancies and will provide this amendment to the Commission when executed. The Company will also supplement this response on or before July 7, 2023, to provide the basis for the allocations of costs for each line shown in the pricing table.

Supplemental Response:

- c. Based on the Company's further review, it determined that there was no discrepancy in the allocations between TSA Exit and AMF as reflected in the Tata Consultancy Services Agreement, and no additional amendment is necessary beyond what was provided in Amendment 1, which corrected the clerical error in the totals-only rows for TSA Exit and AMF. A copy of Amendment 1 was provided as Confidential Attachment PUC 7-25.

The line items and the associated allocations between TSA Exit and AMF in the pricing table on pages 21-22 of the Statement of Work (Attachment PUC 6-3-4) relate back to the 38 Key Deliverables found on pages 15-18. These Key Deliverables represent the indicative work contained within each Program Increment. These 38 Key Deliverables are then mapped to their associated milestone on pages 19-21, and then finally to their associated costs in the pricing table on pages 21-22. The Company did not allocate each of the 38 Key Deliverables between TSA Exit and AMF. Rather, as the Company

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

explained in its original response to PUC 7-23(c), the Company worked in conjunction with the vendor to break down the costs between TSA Exit and AMF based on the estimated work, which was then assigned to each milestone payment in the pricing table on pages 21-22 based upon the relative effort of each milestone's Key Deliverables. The Company described the basis for how it allocated costs between TSA Exit and AMF in its response to PUC 6-3(h), which stated:

TSA Exit and AMF costs for TCS IT delivery services are allocated based on specific requirements identified and planned out during the scoping of the metering work, which led to the Planning SOW in June 2022 (Attachment PUC 6-3-3) and the Implementation SOW in September 2022. Each requirement was reviewed by both TCS and experienced PPL Services personnel to determine an expected effort level and the percentage of the requirement that was supporting TSA Exit and AMF capabilities. For illustrative summary purposes, requirements associated with implementing the AMF Headend system or AMF-enabled functionality, such as remote service switching, are assigned to the AMF implementation work. Requirements associated with supporting existing business operations, such as legacy meter reading, are assigned to TSA Exit work. In this manner the estimated effort for both TSA Exit and AMF implementation work was used to derive the costs assigned to each. The specific allocations are set forth in Attachment 6-3-4, and the Implementation SOW in Section 6 for Milestones and Pricing, and Section 5 for detailed milestone deliverables. Costs between TSA Exit and AMF are validated by PPL Services personnel against the Implementation SOW to ensure costs have been appropriately allocated prior to paying an invoice to TCS for a completed milestone.

PUC 7-25 Supplemental

Data Requests Regarding Supplemental Testimony

Copies of All Agreements

Request:

Please provide copies of all agreements with vendors for services or the implementation of capital projects relating to AMF in Rhode Island. This is an on-going obligation which response should be continuously updated during the course of these proceedings, as the Company or PPL Service Company executes new agreements.

Original Response:

Copies of the current agreements related to AMF have been provided. Confidential Attachment 7-25, is the first amendment to the Tata Consulting Implementation Services agreement. This amendment corrects a clerical error in the totals-only row for TSA Exit and AMF, respectively.

As noted in response to PUC 7-23, in the course of reviewing the Tata Consultancy Services Agreement Statement of Work (Attachment PUC 6-3-4) in connection with preparing these responses, the Company identified certain discrepancies in how the allocations between TSA Exit and AMF were reflected in the agreement. The Company is in the process of working on an additional amendment to correct these discrepancies and will provide this amendment to the Commission on or before July 7, 2023.

PPL and Rhode Island Energy are currently negotiating the following agreements and will provide copies when complete:

- Hardware equipment and network installation services with Landis+Gyr,
- Meter installation services with vendor to be determined,
- Project management office services with vendor to be determined.

Supplemental Response:

As discussed in the Company's response to PUC 7-23-Supplemental, the Company has determined that there was no discrepancy in the allocations between TSA Exit and AMF as reflected in the Tata Consultancy Services Agreement, and no additional amendment is necessary beyond Amendment 1, which corrected the clerical error in the totals-only rows for TSA Exit and AMF and was provided as Confidential Attachment 7-25 with the Company's original response.

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 22-49-EL
In Re: Advanced Metering Functionality Business Case
and Cost Recovery Proposal
Responses to the Commission's Seventh Set of Data Requests
Issued June 16, 2023

The Company will continue to supplement this response as and when the additional agreements identified in its original response are executed.