Division 23-1

Request:

Please provide the amount of cost reflected separately in Rate Years 1, 2, and 3 relating to the gas meter replacement program.

Response:

The plant balances in the revenue requirements in this case are derived using the approved Fiscal Year (FY) 2018 Gas Infrastructure, Safety, and Reliability (ISR) Plan for each year. In the FY18 Gas ISR Plan, the gas meter replacement program costs were \$2.367 million; however, because the difference between the rate allowance and actual costs will be recovered through the ISR, the Company is providing the latest estimate of these costs.

The gas meter replacement program costs in the FY19 Gas ISR Plan are provided in the table below. The capital costs include the equipment and installation costs of the new gas meters and ERTs (i.e., encoder receiver transmitter). The O&M costs include the labor costs associated with gas meter removals.

Program	FY19	FY20	FY21	FY22
Gas Meter Replacement (CAPEX)	\$4.371M	\$4.459M	\$4.548M	\$4.638M
Gas Meter Replacement (O&M)	\$1.485M	\$1.515M	\$1.545M	\$1.576M

(This response is identical to the Company's response to Division 7-1 in Docket No. 4780.)

Division 23-2

Request:

Please provide the amount of cost reflected separately in Rate Years 1, 2, and 3 relating to the electric meter replacement program.

Response:

The plant balances in the revenue requirements in this case are derived using the approved Fiscal Year (FY) 2018 Electric Infrastructure, Safety, and Reliability (ISR) Plan for each year. In the FY18 Electric ISR Plan, the electric meter replacement program costs were \$1.030 million; however, because the difference between the rate allowance and actual costs will be recovered through the ISR, the Company is providing the latest estimate of these costs.

The electric meter replacement program costs in the FY19 Electric ISR Plan are provided in the table below. The amounts include equipment and labor costs that are both capitalized.

Program	FY19	FY20	FY21	FY22
Electric Meter				
Replacement	\$1.954M	\$2.046M	\$2.143M	\$2.245M
Program				

(This response is identical to the Company's response to Division 7-2 in Docket No. 4780.)

Division 23-3

Request:

Please identify the allocator used to allocate the estimated costs of AMI in the multijurisdictional scenarios (including the description and SAP Allocation Code from Attachment DIV 12-13).

Response:

The allocator used to allocate the common costs of the multi-jurisdictional, Rhode Island, and New York Niagara Mohawk Power Corporation deployment scenario to Rhode Island is 25.12 percent. This allocator was developed using National Grid USA Service Company, Inc. figures included on Page 1 of 162 of Attachment DIV 12-13. These figures have been reproduced in the table below:

SAP Allocation	SAP Co./Seg	Company Description	FY 2018 Number of Installed
Code	00#2 0 g		Meters
5210	5210E	Niagara Mohawk Power Corp. – Electric Distr.	1,718,053
5210	5210G	Niagara Mohawk Power Corp. – Gas	639,493
5360	5360E	Narragansett Electric	512,318
5360	5360G	Narragansett Gas	278,403

Allocator Calculation:

Step 1: 1,718,053 + 639,493 = 2,357,546

Step 2: 512,318 + 278,403 = 790,721

Step 3: 790,721 / (2,357,546 + 790,721) = 25.12 percent

The allocator is applied to the information systems and cyber security costs estimates of the multi-jurisdictional scenario. The information systems and cyber security costs are identified as elements 501 through 536, and 600 through 604, respectively, in Workpaper 4.1 – AMF costs (PST Book 3, Bates Pages 37 through 38).

(This response is identical to the Company's response to Division 7-3 in Docket No. 4780.)

AMF Costs and Benefits (in millions)

								0
# Description	Category	Group	NPV	FY 20	FY 21		FY 22 F	FY 23 - FY 39
COSTS (COMBINED)								
100 AMF electric meter equipment cost	Capex	AMF Electric Meter Equipment and Installation	\$50.50	€		20.03 \$	41.21	
102 AMF electric meter installation cost - Capex portion	Capex	AMF Electric Meter Equipment and Installation	\$23.35	· s	· 69			
104 AMF failed meter equipment replacement cost	Capex	Equipment and Installation Refresh Cost	\$0.89		⇔	0.03 \$	\$ 60.0	1.86
105 AMF demonstration period cost	Opex	AMF Electric Meter Equipment and Installation	\$1.43	& .	1.54 \$	φ,	.	•
	Capex	Network Equipment and Installation	\$0.10		₩ (
	Capex	Network Equipment and Installation	\$1.29	· •••		0.51		
	Capex	Network Equipment and Installation	\$0.18	· •> •				
	Capex	Network Equipment and Installation	\$0.10	, ,	∌ €		0.00	1
114 Network communications installation cost, Gas Meters	Capex	Network Equipment and Installation Podkoul	\$0.01 \$0.05		Aθ	0.01	0.0	٠ ،
	obex Obex	Backhaul	\$0.93 11		9 €			2.00
	Opex	Equipment and Installation Refresh Cost) 69			3.25
	Capex	Network Foliament and Installation	\$1.12		÷ 64			2.35
	Capex	Equipment and Installation Refresh Cost	\$0.19	· • •	- 69	· 6	0.01	0.42
	Opex	Equipment and Installation Refresh Cost	\$0.36			€		0.85
121 AMF External Project Management labor cost - Capex portion	Capex	Project Management	\$1.75		↔	2.02		•
	Opex	Project Management	\$4.87		\$			
	Capex	Project Management	\$0.72		↔			٠
	Capex	Project Management	\$2.42		∽ •		⇔ •	•
	COR	AMF Electric Meter Equipment and Installation	\$0.72		6	0.29 \$		ı
	Opex	Project Management	\$1.83		1.97 \$	⇔ (↔ (
129 AMF Internal Project Management Leadership Staff - Opex portion	Opex	Project Management	\$0.38			€ 9 €	₩	
	Opex	Project Management	\$1.28		7.38 \$			i
	Capex	AMIF Inventory	\$1.26	· •> •			1.03	' '
135 Professional Services - Field Deployment Support Workstream cost 136 Professional Services - Eleld Deployment Support Workstream Traval Expanses onet	Capex	Communication Network Installation Management	\$3.21 \$0.48	Э с	д 0	0.42	2.00	
130 Professional Services - Freid Deproyment Support workstream Traver Expenses cost	xado	CONTINUINGATION INSTANTANCIA INSTANTANCIA	\$0.40 0	· o			0.50	0.25
201 Back-Office Revenue Assurance Analyst cost	Opex	Ongoing Business Management	\$0.00	₩	₩	€9	٠	٠
202 Cost of theft investigations	Opex	Ongoing Business Management	\$0.00	· \$	↔	€9		•
	Capex	Support Infrastructure	\$1.35	ج				
	Capex	Support Infrastructure	\$1.86		\$			•
	Capex	Support Infrastructure	\$0.19	• •	∽			i
	Capex	Support Infrastructure	\$0.61	د				
	Capex	Support Infrastructure	\$0.82		: → ←		0.33	
	Capex	Support Infrastructure	\$0.78		n n		, ,	1
209 CMS Cellular Communication cost	Capex	Support Infrastructure	\$0.06	, e	A 6		7	
210 Handheid Devices cost	Capex	Support Infrastructure	\$0.05		Ð	90.0	•	
300 AMF Additional Meter Data Services labor cost	Opex	Ongoing Business Management	\$4.18	. ↔		0.34 \$	0.70	7.84
301 Billing System Development Testing	Opex	Ongoing Business Management	\$2.09		\$	0.17 \$	0.35 \$	3.92
302 MDS System Development Testing	Capex	Support Infrastructure	\$0.61			0.17 \$	↔	
400 Customer Engagement Plan Cost	Opex	Customer Engagement Cost	\$8.30	\$ 0.5	0.93 \$ 3	3.39 \$	2.00 \$	4.62
	Capex	Customer Service System						
	Opex	AMF Head-end and Meter Data Management Systems*						
	Opex	Customer Engagement Products and Services						
504 Green Button Connect Capex Cost	Capex	Customer Engagement Products and Services						
	Capex							
514 ESD Capex Cost 516 Information Management Capex cost	Capex	IS Infrastructure						
	Capex	IS Infrastructure						
	Opex	AMF Head-end and Meter Data Management Systems*						
519 SaaS Setup Fees - One Time Setup (Version upgrade and scale-up existing system) cost	Opex	AMF Head-end and Meter Data Management Systems*						

215.17

31.57

69.68 15.43

49.35 12.68

17.17 15.38

₩. 4

129.11 129.91

Total Capex Total Open

d/b/a NATIONAL GRID THE NARRAGANSETT ELECTRIC COMPANY

RIPUC Docket No. 4770 Workpaper 4.1 - AMF Costs, REDACTED Page 3 of 9 FY 23 - FY 39 FY 22 FY 21 FY 20 ΜV Group AMF Costs and Benefits (in millions)

Description

COSTS (COMBINED)						
520 SaaS Fees - Headend Software (OWOCCM, OWOC PM, IEE MDM, IoT FND, FDM) cost Opex 521 Professional Services - System and Meter Firmware Upgrade cost Opex 522 Telecom Opex cost 624 ESB Opex cost Copex 524 ESB Opex cost 525 ESB RTB Cost Cost 525 ESB RTB Cost 525 ESB RTB Cost 525 Data Lake Opex cost 527 Professional Services - Head End/MDM Solution Program Management Travel Expenses cc Opex 527 Professional Services - Head End/MDM Systems Implementation Workstream Travel Expen Opex 528 Green Button Connect Opex Cost 530 Information Management RTB Cost 531 Information Management RTB Cost 531 Information Management RTB Cost 532 Energy Monitoring Portal RTB Cost 533 CSS Enhancements Opex Cost 534 CSS Enhancements Cost 535 Green Button Connect RTB Cost 536 Data Lake RTB cost 536 Data Lake RTB cost 537 Data Lake RTB cost 538 Data Lake RTB cost 539 Data Lake RTB cost 530 Data Lake RTB Cost 53	AMF Head-end and Meter Data Management Systems* AMF Head-end and Meter Data Management Systems* IS Infrastructure AMF Head-end and Meter Data Management Systems* AMF Head-end and Meter Data Management Systems* Customer Engagement Products and Services IS Infrastructure IS Infrastructure Customer Service System Customer Service System Customer Service System Customer Service System Customer Engagement Products and Services IS Infrastructure					
600 Cyber Security Project Capex Initial Capex	Cyber Security	\$7.31			1.41 \$	
601 Cyber Security Project Opex Initial	Cyber Security	\$3.26 \$	2.01	1.04	0.60	
	Cyber Security					11 63
	O to the contract of the contr					5 6
Cybel Security Reflesh / Removal Capital	Cyber Security	9.74	A 6	A 6	→ •	40.00
604 Cyber Security Capital Refresh / Removal Opex	Cyber Security					8.85
Total Cost	₩	259.75 \$	32.55 \$	62.32 \$	\$ 02.58	246.74
	100-400's					
	Canex	93.43	2.30 \$	39.23	67.10 \$	6.28
						22.97
		121.24 \$	8.53 \$	45.43 \$	74.44 \$	29.25
	500's					
	Capex Sapex	20.47 \$	10.58 \$	\$ 09.2	1.17 \$	6.35
	\$ xedO	89.65 \$	7.12 \$	5.29 \$	7.12 \$	171.71
	Total \$	110.12 \$	17.69 \$	12.89 \$	8.29 \$	178.07
		15.22 \$	4.29	2.52	1.41	18.94
	Total \$	27.67 \$				39.42

Division 23-4

Request:

Please identify the allocator used to allocate any metering-related costs shared with other jurisdictions that are included in the Historical Test Year and Rate Year 1 (including the description and SAP Allocation Code from Attachment DIV 12-13). Please also identify the total shared cost in Rate Year 1.

Response:

The summary table below provides a view of all costs charged from National Grid USA Service Company, Inc. to Narragansett Electric and Narragansett Gas for the Test Year and Rate Year 1 relating to meter-related costs using the Allocation Codes from Attachment DIV 12-13. For each amount, this summary identifies which FERC code, allocation code, originating order, and receiving order relate to that amount. This summary provides the FERC codes that relate to meter-expenses (586 Meter Expense, 597 Maintenance of Meters, 878 Meter and House Regulator Expense, and 893 Maintenance of Meters and House Regulators). The Rate Year 1 column was developed by applying an inflation rate of 4.63 percent to the Test Year dollars.

FERC Indicator	Allocation Code - Key	Originating WBS - Key	Receiving WBS - Key	Test Year OpEx	Rate Year 1 OpEX
586	C194	X012264.DO1742	Y060398.DO1742	1,070.78	1,120.35
	C284	X000624.AG0665	Y023806.AG0665	56,443.60	59,056.94
	C284	X001474.DO1706	Y024287.DO1706	22,017.03	23,036.42
	C284	X001474.DO1742	Y024287.DO1742	90,313.04	94,494.53
	C284	X001474.DO1909	Y024287.DO1909	8,968.08	9,383.30
	C290	X001980.DO1742	Y024552.DO1742	22.55	23.59
	T198	X015498.DO1742	Y074829.DO1742	211.14	220.92
	T284	X002479.DE0657	Y024850.DE0657	13,145.38	13,754.01
	T284	X002479.DE0658	Y024850.DE0658	23,299.94	24,378.73
597	536E	X008618.DM1711	Y051816.DM1711	3,813.19	3,989.74
	536E	X008618.DM1847	Y051816.DM1847	48,416.26	50,657.93
	G186	X015143.CM8019	Y073169.CMD103	14,356.43	15,021.13
878	536E	X008618.AG0009	Y051816.AG0009	9,037.07	9,455.49
	536G	X014419.GOC878	N011800.GOC878	8,339.07	8,725.17
	536T	X008777.AG0009	Y051818.AG0009	3,411.87	3,569.84
	C210	X012265.GO0132	Y060402.GO0132	566.44	592.67
	G313	X001479.GO0121	Y026874.GO0121	79.90	83.60
	G313	X001479.GO0136	Y026874.GO0136	963.28	1,007.88
893	G313	X001479.GM0102	Y026874.GM0102	23,132.01	24,203.02
	G313	X001479.GM0103	Y026874.GM0103	39,971.68	41,822.36
	G313	X001479.GM0104	Y026874.GM0104	2,348.16	2,456.88
	G313	X001479.GM0115	Y026874.GM0115	23,926.61	25,034.41
Grand Total				393,853.51	412,088.93

(This response is identical to the Company's response to Division 7-4 in Docket No. 4780.)

Division 23-5

Request:

Please provide an itemization of the estimated costs used to develop the estimate for the cost of the AMI study. Please also provide an itemization of the estimated costs used to develop the estimates for the AMI study proposed for New York. If the Company expects the parts of the studies for both jurisdictions will have overlap, please also show the itemization on a combined basis.

Response:

The Company developed the \$2 million estimate of Rhode Island AMI study costs by taking into consideration the estimate for the Niagara Mohawk Power Corporation (Niagara Mohawk) AMI study. Attachment DIV 23-5, Page 1, provides the itemization of the estimated costs of the AMI work activities that Niagara Mohawk plans to undertake in 2018 to continue the development of its AMI plan. Those costs are estimated at \$2.988 million, as shown in the attachment. The Company expects to undertake similar activities and incur a similar level of costs in Rhode Island to advance the Rhode Island AMI plan. The itemization of estimated costs on a combined Rhode Island and Niagara Mohawk basis is included on Page 2 of Attachment DIV 23-5. The estimate for the combined study is \$4.045 million.

(This response is identical to the Company's response to Division 7-5 in Docket No. 4780.)

Niagara Mohawk 2018 AMI Work Plan Activities and Estimated Costs

	Niagara Mohawk 2018 AMI Work Plan Activities and Estimated Costs Required Functions														
								Required	Functions						
Activities	Scope	Project Lead/Staff	Procurement	<u> </u>	Cyber/ Digital Security	Meter Eng.	MDS	NES/Customer	Pricing/Regulatory	CMS	Telecom	Meter Asset Mgmt.	Legal	Consultants	Total
Stakeholder Collaboration	Meeting preparation , documentation, follow-up Input to detailed plan elements Options development & analysis	x	AN	х	AN	х	х	х	x	x	AN	х	х	x	
Customer Engagement Plan	Customer education Data sharing : GBC/Portal Rate design pilots Collaboration/revenue opport. AMI opt-out Data privacy/Cyber	x		х	x		х	х	x				х	x	
Metrics	Measures/frequency Customer surveys	х					x	х	х	x					
Meter deployment plan	Geographic plan/logistics	х				х	х	х	х	Х	х	х			
Organization and Process Change Assessment (Day-1 Readiness related)	Identify organization and process impacts	х			х	х	х	х		х	х	х		х	
Procurement	RFP SaaS vs own, Multi-comp	х	x	х	х	х	x	х	х	x	х	х		x	
Business Case/BCA filing	Revised business case	X						X	X			X	X		
FTEs	Annual estimate	3	1	1	0.25	0.5	0.5	1	1	0.5	0.5	1	0.5		10.75
Costs		\$ 498,900.00	\$ 166,300.00	\$ 166,300.00	\$ 41,575.00	\$ 83,150.00	\$ 83,150.00	\$ 166,300.00	\$ 166,300.00	\$ 83,150.00	\$ 83,150.00	\$ 166,300.00	\$ 83,150.00	\$ 1,200,000	\$ 2,987,725.00

AN - Function Support As Needed X - Function Support Required

Rhode Island and Niagara Mohawk 2018 AMI Work Plan Activities and Estimated Costs

	Rhode Island and Niagara Mohawk 2018 AMI Work Plan Activities and Estimated Costs														
								Require	d Functions						
Activities	Scope	Project Lead/Staff	Procurement	<u> </u>	Cyber/ Digital Security	Meter Eng.	MDS	NES/Customer	Pricing/Regulatory	CMS	Telecom	Meter Asset Mgmt.	Legal	Consultants	Total
Stakeholder Collaboration	Meeting preparation , documentation, follow-up Input to detailed plan elements Options development & analysis	x	AN	x	AN	×	x	×	х	х	AN	x	х	x	
Customer Engagement Plan	Customer education Data sharing : GBC/Portal Rate design pilots Collaboration/revenue opport. AMI opt-out Data privacy/Cyber	x		x	x		x	x	x				x	x	
Metrics	Measures/frequency Customer surveys	x					x	x	x	x					
Meter deployment plan	Geographic plan/logistics	x				х	x	x	х	X	х	x			
Organization and Process Change Assessment (Day-1 Readiness related)	Identify organization and process impacts	X			х	х	X	x		х	х	х		х	
Procurement	RFP SaaS vs own, Multi-comp	x	x	x	х	x	x	×	х	x	×	x		х	
Business Case/BCA filing	Revised business case	X						Х	X			X	X		
FTEs	Annual estimate	3	1	1	0.5	0.5	1.5	1.5	1	0.5	1	1	1		13.5
Costs		\$ 498,900.00	\$ 166,300.00	\$ 166,300.00	\$ 83,150.00	\$ 83,150.00	\$ 249,450.00	\$ 249,450.00	\$ 166,300.00	\$ 83,150.00	\$ 166,300.00	\$ 166,300.00	\$ 166,300.00	\$ 1,800,000.00	\$ 4,045,050.00

AN - Function Support As Needed X - Function Support Required

Division 23-6

Request:

Please indicate what the annual Service Company Rent would be to Rhode Island for the AMI study if the cost of the AMI study was capitalized over the expected life of the AMI program. Please provide a schedule showing the calculation for this item over the life of the AMI program.

Response:

The AMI Study represents the Preliminary Project Stage of this project. The accounting for the costs of computer software developed or purchased for internal use is driven by the Statement of Position 98-1 as codified by the Financial Accounting Standards Board as ASC 350-40. The Preliminary Project Stage of Information Services (IS) investments must be charged to O&M expense under these accounting rules.

The annual National Grid USA Service Company, Inc. (Service Company) rent assuming that the costs of the AMI study are capitalized and amortized over the life of the AMI program would be as follows –

Year		Electric	Gas	Total
	1	\$104,336	\$56,654	\$160,991
	2	\$100,285	\$54,455	\$154,740
	3	\$96,235	\$52,255	\$148,490
	4	\$92,184	\$50,055	\$142,239
	5	\$88,133	\$47,856	\$135,989
	6	\$84,082	\$45,656	\$129,738
	7	\$80,031	\$43,457	\$123,487
	8	\$75,980	\$41,257	\$117,237
	9	\$71,929	\$39,057	\$110,986
	10	\$67,878	\$36,858	\$104,736
Total		\$861,072	\$467,560	\$1,328,633

Please see Attachment DIV 23-6 for the calculation of the Service Company rent for the AMI study costs. For this schedule, the Company used the joint Niagara Mohawk Power Corporation and Company study cost estimate of \$4.045 million included in the Company's response to Division 23-5 and amortized the costs over 10 years to match the other Service Company assets related to AMI.

(This response is identical to the Company's response to Division 7-6 in Docket No. 4780.)

Prepared by or under the supervision of: John Gilbert, Daniel DeMauro, and Mukund Ravipaty

Investment			Amortization	Beginning	Ending	Average	Service Co	Rate Year	RY Return on	Total	Rate Year	Narragansett	Narragansett Electric RY Rent	Narragansett Electric RY Rent -	Narragansett	Narragansett Gas RY Rent	Narragansett Gas RY Rent -
Name	Total Spend	In Service Date	Period	Balance	Balance	Balance	Return	Return	Accum Taxes	Return	Amortization	Electric	Return	Depn	Gas	Return	Depn
1 AMI Study 2	\$4,045,000 \$4,011,292	9/2/2019 10/1/2019	120 119	\$4,045,000 \$4,011,292	\$4,011,292 \$3,977,583	\$4,028,146 \$3,994,438	0.71% 0.71%	\$28,411 \$28,174	(\$7,762)	\$20,649 \$20,477	\$33,708 \$33,708	16.28% 16.28%	\$3,362 \$3,334	\$5,488 \$5,488	8.84% 8.84%	\$1,825 \$1,810	\$2,980 \$2,980
3	\$3,977,583	11/1/2019	119	\$3,977,583	\$3,943,875	\$3,960,729	0.71%	\$28,174	(\$7,697) (\$7,632)	\$20,477	\$33,708	16.28%	\$3,334 \$3,305	\$5,488 \$5.488	8.84% 8.84%	\$1,810	\$2,980 \$2,980
4	\$3,943,875	12/1/2019	117	\$3,943,875	\$3,910,167	\$3,927,021	0.71%	\$27,698	(\$7,567)	\$20,131	\$33,708	16.28%	\$3,277	\$5,488	8.84%	\$1,780	\$2,980
5	\$3,910,167	1/1/2020	116	\$3,910,167	\$3,876,458	\$3,893,313	0.71%	\$27,460	(\$7,502)	\$19,958	\$33,708	16.28%	\$3,249	\$5,488	8.84%	\$1,764	\$2,980
6	\$3,876,458	2/1/2020	115	\$3,876,458	\$3,842,750	\$3,859,604	0.71%	\$27,223	(\$7,437)	\$19,785	\$33,708	16.28%	\$3,221	\$5,488	8.84%	\$1,749	\$2,980
7	\$3,842,750	3/1/2020	114	\$3,842,750	\$3,809,042	\$3,825,896	0.71%	\$26,985	(\$7,372)	\$19,613	\$33,708	16.28%	\$3,193	\$5,488	8.84%	\$1,734	\$2,980
8	\$3,809,042 \$3,775,333	4/1/2020 5/1/2020	113 112	\$3,809,042 \$3,775,333	\$3,775,333 \$3,741,625	\$3,792,188 \$3,758,479	0.71% 0.71%	\$26,747 \$26,509	(\$7,307) (\$7,242)	\$19,440 \$19,267	\$33,708 \$33,708	16.28% 16.28%	\$3,165 \$3,137	\$5,488 \$5,488	8.84% 8.84%	\$1,718 \$1,703	\$2,980 \$2,980
10	\$3,741,625	6/1/2020	111	\$3,741,625	\$3,707,917	\$3,724,771	0.71%	\$26,272	(\$7,177)	\$19,207	\$33,708	16.28%	\$3,109	\$5,488	8.84%	\$1,688	\$2,980
11	\$3,707,917	7/1/2020	110	\$3,707,917	\$3,674,208	\$3,691,063	0.71%	\$26,034	(\$7,112)	\$18,921	\$33,708	16.28%	\$3,080	\$5,488	8.84%	\$1,673	\$2,980
12	\$3,674,208	8/1/2020	109	\$3,674,208	\$3,640,500	\$3,657,354	0.71%	\$25,796	(\$7,047)	\$18,749	\$33,708	16.28%	\$3,052	\$5,488	8.84%	\$1,657	\$2,980
13	\$3,640,500	9/1/2020	108	\$3,640,500	\$3,606,792	\$3,623,646	0.71%	\$25,558	(\$6,983)	\$18,576	\$33,708	16.28%	\$3,024	\$5,488	8.84%	\$1,642	\$2,980
14 15	\$3,606,792 \$3,573,083	10/1/2020 11/1/2020	107 106	\$3,606,792 \$3,573,083	\$3,573,083 \$3,539,375	\$3,589,938 \$3,556,229	0.71% 0.71%	\$25,320 \$25,083	(\$6,918) (\$6,853)	\$18,403 \$18,230	\$33,708 \$33,708	16.28% 16.28%	\$2,996 \$2,968	\$5,488 \$5,488	8.84% 8.84%	\$1,627 \$1,612	\$2,980 \$2,980
16	\$3,539,375	12/1/2020	105	\$3,573,065	\$3,505,667	\$3,530,229	0.71%	\$23,063	(\$6,788)	\$18,057	\$33,708	16.28%	\$2,940	\$5,488	8.84%	\$1,596	\$2,980
17	\$3,505,667	1/1/2021	104	\$3,505,667	\$3,471,958	\$3,488,813	0.71%	\$24,607	(\$6,723)	\$17,885	\$33,708	16.28%	\$2,912	\$5,488	8.84%	\$1,581	\$2,980
18	\$3,471,958	2/1/2021	103	\$3,471,958	\$3,438,250	\$3,455,104	0.71%	\$24,369	(\$6,658)	\$17,712	\$33,708	16.28%	\$2,883	\$5,488	8.84%	\$1,566	\$2,980
19	\$3,438,250	3/1/2021	102	\$3,438,250	\$3,404,542	\$3,421,396	0.71%	\$24,132	(\$6,593)	\$17,539	\$33,708	16.28%	\$2,855	\$5,488	8.84%	\$1,550	\$2,980
20	\$3,404,542 \$3,370,833	4/1/2021	101	\$3,404,542	\$3,370,833	\$3,387,688 \$3,353,979	0.71% 0.71%	\$23,894	(\$6,528)	\$17,366 \$17,193	\$33,708	16.28%	\$2,827	\$5,488	8.84%	\$1,535	\$2,980
21 22	\$3,337,125	5/1/2021 6/1/2021	100 99	\$3,370,833 \$3,337,125	\$3,337,125 \$3,303,417	\$3,320,271	0.71%	\$23,656 \$23,418	(\$6,463) (\$6,398)	\$17,193	\$33,708 \$33,708	16.28% 16.28%	\$2,799 \$2,771	\$5,488 \$5,488	8.84% 8.84%	\$1,520 \$1,505	\$2,980 \$2,980
23	\$3,303,417	7/1/2021	98	\$3,303,417	\$3,269,708	\$3,286,563	0.71%	\$23,181	(\$6,333)	\$16,848	\$33,708	16.28%	\$2,743	\$5,488	8.84%	\$1,489	\$2,980
24	\$3,269,708	8/1/2021	97	\$3,269,708	\$3,236,000	\$3,252,854	0.71%	\$22,943	(\$6,268)	\$16,675	\$33,708	16.28%	\$2,715	\$5,488	8.84%	\$1,474	\$2,980
25	\$3,236,000	9/1/2021	96	\$3,236,000	\$3,202,292	\$3,219,146	0.71%	\$22,705	(\$6,203)	\$16,502	\$33,708	16.28%	\$2,687	\$5,488	8.84%	\$1,459	\$2,980
26	\$3,202,292	10/1/2021	95	\$3,202,292	\$3,168,583	\$3,185,438	0.71%	\$22,467	(\$6,138)	\$16,329	\$33,708	16.28%	\$2,658	\$5,488	8.84%	\$1,444	\$2,980
27 28	\$3,168,583 \$3,134,875	11/1/2021 12/1/2021	94 93	\$3,168,583 \$3,134,875	\$3,134,875 \$3,101,167	\$3,151,729 \$3,118,021	0.71% 0.71%	\$22,230 \$21,992	(\$6,073) (\$6,008)	\$16,157 \$15,984	\$33,708 \$33,708	16.28% 16.28%	\$2,630 \$2,602	\$5,488 \$5,488	8.84% 8.84%	\$1,428 \$1,413	\$2,980 \$2,980
29	\$3,101,167	1/1/2022	93	\$3,134,873	\$3,067,458	\$3,084,313	0.71%	\$21,754	(\$5,943)	\$15,984	\$33,708	16.28%	\$2,574	\$5,488	8.84%	\$1,398	\$2,980
30	\$3,067,458	2/1/2022	91	\$3,067,458	\$3,033,750	\$3,050,604	0.71%	\$21,516	(\$5,878)	\$15,638	\$33,708	16.28%	\$2,546	\$5,488	8.84%	\$1,382	\$2,980
31	\$3,033,750	3/1/2022	90	\$3,033,750	\$3,000,042	\$3,016,896	0.71%	\$21,279	(\$5,813)	\$15,465	\$33,708	16.28%	\$2,518	\$5,488	8.84%	\$1,367	\$2,980
32	\$3,000,042	4/1/2022	89	\$3,000,042	\$2,966,333	\$2,983,188	0.71%	\$21,041	(\$5,748)	\$15,293	\$33,708	16.28%	\$2,490	\$5,488	8.84%	\$1,352	\$2,980
33 34	\$2,966,333	5/1/2022	88 87	\$2,966,333	\$2,932,625	\$2,949,479	0.71%	\$20,803	(\$5,683)	\$15,120	\$33,708	16.28%	\$2,462	\$5,488	8.84% 8.84%	\$1,337	\$2,980 \$2,980
35	\$2,932,625 \$2,898,917	6/1/2022 7/1/2022	87 86	\$2,932,625 \$2,898,917	\$2,898,917 \$2,865,208	\$2,915,771 \$2,882,062	0.71% 0.71%	\$20,565 \$20,328	(\$5,618) (\$5,554)	\$14,947 \$14,774	\$33,708 \$33,708	16.28% 16.28%	\$2,433 \$2,405	\$5,488 \$5,488	8.84% 8.84%	\$1,321 \$1,306	\$2,980 \$2,980
36	\$2,865,208	8/1/2022	85	\$2,865,208	\$2,831,500	\$2,848,354	0.71%	\$20,090	(\$5,489)	\$14,601	\$33,708	16.28%	\$2,377	\$5,488	8.84%	\$1,291	\$2,980
37	\$2,831,500	9/1/2022	84	\$2,831,500	\$2,797,792	\$2,814,646	0.71%	\$19,852	(\$5,424)	\$14,429	\$33,708	16.28%	\$2,349	\$5,488	8.84%	\$1,275	\$2,980
38	\$2,797,792	10/1/2022	83	\$2,797,792	\$2,764,083	\$2,780,937	0.71%	\$19,614	(\$5,359)	\$14,256	\$33,708	16.28%	\$2,321	\$5,488	8.84%	\$1,260	\$2,980
39 40	\$2,764,083 \$2,730,375	11/1/2022 12/1/2022	82 81	\$2,764,083 \$2,730,375	\$2,730,375	\$2,747,229	0.71% 0.71%	\$19,377 \$19,139	(\$5,294) (\$5,229)	\$14,083 \$13,910	\$33,708	16.28% 16.28%	\$2,293 \$2,265	\$5,488 \$5,488	8.84% 8.84%	\$1,245 \$1,230	\$2,980 \$2,980
40	\$2,696,667	1/1/2023	80	\$2,730,373	\$2,696,667 \$2,662,958	\$2,713,521 \$2,679,812	0.71%	\$19,139	(\$5,164)	\$13,737	\$33,708 \$33,708	16.28%	\$2,203	\$5,488	8.84%	\$1,214	\$2,980
42	\$2,662,958	2/1/2023	79	\$2,662,958	\$2,629,250	\$2,646,104	0.71%	\$18,663	(\$5,099)	\$13,565	\$33,708	16.28%	\$2,208	\$5,488	8.84%	\$1,199	\$2,980
43	\$2,629,250	3/1/2023	78	\$2,629,250	\$2,595,542	\$2,612,396	0.71%	\$18,426	(\$5,034)	\$13,392	\$33,708	16.28%	\$2,180	\$5,488	8.84%	\$1,184	\$2,980
44	\$2,595,542	4/1/2023	77	\$2,595,542	\$2,561,833	\$2,578,687	0.71%	\$18,188	(\$4,969)	\$13,219	\$33,708	16.28%	\$2,152	\$5,488	8.84%	\$1,169	\$2,980
45	\$2,561,833	5/1/2023 6/1/2023	76 75	\$2,561,833	\$2,528,125	\$2,544,979	0.71% 0.71%	\$17,950 \$17,712	(\$4,904)	\$13,046	\$33,708	16.28% 16.28%	\$2,124 \$2,096	\$5,488 \$5,488	8.84% 8.84%	\$1,153 \$1,138	\$2,980 \$2,980
46 47	\$2,528,125 \$2,494,417	6/1/2023 7/1/2023	75 74	\$2,528,125 \$2,494,417	\$2,494,417 \$2,460,708	\$2,511,271 \$2,477,562	0.71%	\$17,712 \$17,475	(\$4,839) (\$4,774)	\$12,873 \$12,701	\$33,708 \$33,708	16.28%	\$2,096 \$2,068	\$5,488 \$5,488	8.84% 8.84%	\$1,138 \$1.123	\$2,980 \$2,980
48	\$2,460,708	8/1/2023	73	\$2,460,708	\$2,427,000	\$2,443,854	0.71%	\$17,473	(\$4,709)	\$12,701	\$33,708	16.28%	\$2,000	\$5,488	8.84%	\$1,123	\$2,980
49	\$2,427,000	9/1/2023	72	\$2,427,000	\$2,393,292	\$2,410,146	0.71%	\$16,999	(\$4,644)	\$12,355	\$33,708	16.28%	\$2,011	\$5,488	8.84%	\$1,092	\$2,980
50	\$2,393,292	10/1/2023	71	\$2,393,292	\$2,359,583	\$2,376,437	0.71%	\$16,761	(\$4,579)	\$12,182	\$33,708	16.28%	\$1,983	\$5,488	8.84%	\$1,077	\$2,980
51	\$2,359,583	11/1/2023	70	\$2,359,583	\$2,325,875	\$2,342,729	0.71%	\$16,524	(\$4,514)	\$12,009	\$33,708	16.28%	\$1,955	\$5,488	8.84%	\$1,062	\$2,980
52 53	\$2,325,875 \$2,292,167	12/1/2023 1/1/2024	69 68	\$2,325,875 \$2,292,167	\$2,292,167 \$2,258,458	\$2,309,021 \$2,275,312	0.71% 0.71%	\$16,286 \$16,048	(\$4,449) (\$4,384)	\$11,837 \$11,664	\$33,708 \$33,708	16.28% 16.28%	\$1,927 \$1,899	\$5,488 \$5,488	8.84% 8.84%	\$1,046 \$1,031	\$2,980 \$2,980
54	\$2,258,458	2/1/2024	67	\$2,258,458	\$2,224,750	\$2,241,604	0.71%	\$15,810	(\$4,319)	\$11,491	\$33,708	16.28%	\$1,871	\$5,488	8.84%	\$1,016	\$2,980
55	\$2,224,750	3/1/2024	66	\$2,224,750	\$2,191,042	\$2,207,896	0.71%	\$15,573	(\$4,254)	\$11,318	\$33,708	16.28%	\$1,843	\$5,488	8.84%	\$1,001	\$2,980
56	\$2,191,042	4/1/2024	65	\$2,191,042	\$2,157,333	\$2,174,188	0.71%	\$15,335	(\$4,190)	\$11,145	\$33,708	16.28%	\$1,814	\$5,488	8.84%	\$985	\$2,980
57	\$2,157,333	5/1/2024	64	\$2,157,333	\$2,123,625	\$2,140,479	0.71%	\$15,097	(\$4,125)	\$10,973	\$33,708	16.28%	\$1,786	\$5,488	8.84%	\$970	\$2,980
58	\$2,123,625	6/1/2024	63	\$2,123,625	\$2,089,917	\$2,106,771	0.71%	\$14,859	(\$4,060)	\$10,800	\$33,708	16.28%	\$1,758	\$5,488	8.84%	\$955	\$2,980
59 60	\$2,089,917 \$2,056,208	7/1/2024 8/1/2024	62 61	\$2,089,917 \$2,056,208	\$2,056,208 \$2,022,500	\$2,073,063 \$2,039,354	0.71% 0.71%	\$14,622 \$14,384	(\$3,995) (\$3,930)	\$10,627 \$10,454	\$33,708 \$33,708	16.28% 16.28%	\$1,730 \$1,702	\$5,488 \$5,488	8.84% 8.84%	\$939 \$924	\$2,980 \$2,980
61	\$2,036,208	9/1/2024	60	\$2,056,208	\$1,988,792	\$2,039,334	0.71%	\$14,384	(\$3,865)	\$10,454	\$33,708	16.28%	\$1,702	\$5,488 \$5,488	8.84% 8.84%	\$924 \$909	\$2,980 \$2,980
62	\$1,988,792	10/1/2024	59	\$1,988,792	\$1,955,083	\$1,971,938	0.71%	\$13,908	(\$3,800)	\$10,109	\$33,708	16.28%	\$1,646	\$5,488	8.84%	\$894	\$2,980
63	\$1,955,083	11/1/2024	58	\$1,955,083	\$1,921,375	\$1,938,229	0.71%	\$13,671	(\$3,735)	\$9,936	\$33,708	16.28%	\$1,618	\$5,488	8.84%	\$878	\$2,980
64	\$1,921,375	12/1/2024	57	\$1,921,375	\$1,887,667	\$1,904,521	0.71%	\$13,433	(\$3,670)	\$9,763	\$33,708	16.28%	\$1,589	\$5,488	8.84%	\$863	\$2,980
65 66	\$1,887,667 \$1,853,958	1/1/2025 2/1/2025	56 55	\$1,887,667 \$1,853,958	\$1,853,958 \$1,820,250	\$1,870,813 \$1,837,104	0.71% 0.71%	\$13,195 \$12,957	(\$3,605) (\$3,540)	\$9,590 \$9,417	\$33,708 \$33,708	16.28% 16.28%	\$1,561 \$1,533	\$5,488 \$5,488	8.84% 8.84%	\$848 \$833	\$2,980 \$2,980
67	\$1,820,250	3/1/2025	55 54	\$1,833,938	\$1,820,230	\$1,837,104	0.71%	\$12,937	(\$3,475)	\$9,417	\$33,708	16.28%	\$1,505	\$5,488 \$5,488	8.84% 8.84%	\$833 \$817	\$2,980 \$2,980
68	\$1,786,542	4/1/2025	53	\$1,786,542	\$1,752,833	\$1,769,688	0.71%	\$12,482	(\$3,410)	\$9,072	\$33,708	16.28%	\$1,477	\$5,488	8.84%	\$802	\$2,980
69	\$1,752,833	5/1/2025	52	\$1,752,833	\$1,719,125	\$1,735,979	0.71%	\$12,244	(\$3,345)	\$8,899	\$33,708	16.28%	\$1,449	\$5,488	8.84%	\$787	\$2,980
70	\$1,719,125	6/1/2025	51	\$1,719,125	\$1,685,417	\$1,702,271	0.71%	\$12,006	(\$3,280)	\$8,726	\$33,708	16.28%	\$1,421	\$5,488	8.84%	\$771	\$2,980
71	\$1,685,417	7/1/2025	50	\$1,685,417	\$1,651,708	\$1,668,563	0.71%	\$11,769	(\$3,215)	\$8,553	\$33,708	16.28%	\$1,393	\$5,488	8.84%	\$756	\$2,980

													Narragansett	Narragansett		Narragansett	Narragansett
Investment			Amortization	Beginning	Ending	Average	Service Co	Rate Year	RY Return on	Total	Rate Year	Narragansett	Electric RY Rent	Electric RY Rent -	Narragansett	Gas RY Rent	Gas RY Rent -
Name	Total Spend	In Service Date	Period	Balance	Balance	Balance	Return	Return	Accum Taxes	Return	Amortization	Electric	Return	Depn	Gas	Return	Depn
72	\$1,651,708	8/1/2025	49	\$1,651,708	\$1,618,000	\$1,634,854	0.71%	\$11,531	(\$3,150)	\$8,381	\$33,708	16.28%	\$1,364	\$5,488	8.84%	\$741	\$2,980
73	\$1,618,000	9/1/2025	48	\$1,618,000	\$1,584,292	\$1,601,146	0.71%	\$11,293	(\$3,085)	\$8,208	\$33,708	16.28%	\$1,336	\$5,488	8.84%	\$726	\$2,980
74	\$1,584,292	10/1/2025	47	\$1,584,292	\$1,550,583	\$1,567,438	0.71%	\$11,055	(\$3,020)	\$8,035	\$33,708	16.28%	\$1,308	\$5,488	8.84%	\$710	\$2,980
75	\$1,550,583	11/1/2025	46	\$1,550,583	\$1,516,875	\$1,533,729	0.71%	\$10,818	(\$2,955)	\$7,862	\$33,708	16.28%	\$1,280	\$5,488	8.84%	\$695	\$2,980
76	\$1,516,875	12/1/2025	45	\$1,516,875	\$1,483,167	\$1,500,021	0.71%	\$10,580	(\$2,890)	\$7,689	\$33,708	16.28%	\$1,252	\$5,488	8.84%	\$680	\$2,980
77	\$1,483,167	1/1/2026	44	\$1,483,167	\$1,449,458	\$1,466,313	0.71%	\$10,342	(\$2,825)	\$7,517	\$33,708	16.28%	\$1,224	\$5,488	8.84%	\$664	\$2,980
78	\$1,449,458	2/1/2026	43	\$1,449,458	\$1,415,750	\$1,432,604	0.71%	\$10,104	(\$2,761)	\$7,344	\$33,708	16.28%	\$1,196	\$5,488	8.84%	\$649	\$2,980
79	\$1,415,750	3/1/2026	42	\$1,415,750	\$1,382,042	\$1,398,896	0.71%	\$9,867	(\$2,696)	\$7,171	\$33,708	16.28%	\$1,167	\$5,488	8.84%	\$634	\$2,980
80	\$1,382,042	4/1/2026	41	\$1,382,042	\$1,348,333	\$1,365,188	0.71%	\$9,629	(\$2,631)	\$6,998	\$33,708	16.28%	\$1,139	\$5,488	8.84%	\$619	\$2,980
81	\$1,348,333	5/1/2026	40	\$1,348,333	\$1,314,625	\$1,331,479	0.71%	\$9,391	(\$2,566)	\$6,826	\$33,708	16.28%	\$1,111	\$5,488	8.84%	\$603	\$2,980
82	\$1,314,625	6/1/2026	39	\$1,314,625	\$1,280,917	\$1,297,771	0.71%	\$9,153	(\$2,501)	\$6,653	\$33,708	16.28%	\$1,083	\$5,488	8.84%	\$588	\$2,980
83 84	\$1,280,917 \$1,247,208	7/1/2026 8/1/2026	38 37	\$1,280,917 \$1,247,208	\$1,247,208 \$1,213,500	\$1,264,063 \$1,230,354	0.71% 0.71%	\$8,916 \$8,678	(\$2,436) (\$2,371)	\$6,480 \$6,307	\$33,708 \$33,708	16.28% 16.28%	\$1,055 \$1,027	\$5,488 \$5,488	8.84% 8.84%	\$573 \$558	\$2,980 \$2,980
85	\$1,213,500	9/1/2026	36	\$1,213,500	\$1,179,792	\$1,230,334	0.71%	\$8,440	(\$2,371)	\$6,134	\$33,708	16.28%	\$1,027	\$5,488	8.84%	\$538 \$542	\$2,980
86	\$1,179,792	10/1/2026	35	\$1,179,792	\$1,146,083	\$1,162,938	0.71%	\$8,202	(\$2,241)	\$5,962	\$33,708	16.28%	\$971	\$5,488	8.84%	\$542 \$527	\$2,980
87	\$1,146,083	11/1/2026	34	\$1,146,083	\$1,112,375	\$1,129,229	0.71%	\$7,965	(\$2,176)	\$5,789	\$33,708	16.28%	\$942	\$5,488	8.84%	\$512	\$2,980
88	\$1,112,375	12/1/2026	33	\$1,112,375	\$1,078,667	\$1,095,521	0.71%	\$7,727	(\$2,111)	\$5,616	\$33,708	16.28%	\$914	\$5,488	8.84%	\$496	\$2,980
89	\$1,078,667	1/1/2027	32	\$1,078,667	\$1,044,958	\$1,061,813	0.71%	\$7,489	(\$2,046)	\$5,443	\$33,708	16.28%	\$886	\$5,488	8.84%	\$481	\$2,980
90	\$1,044,958	2/1/2027	31	\$1,044,958	\$1,011,250	\$1,028,104	0.71%	\$7,251	(\$1,981)	\$5,270	\$33,708	16.28%	\$858	\$5,488	8.84%	\$466	\$2,980
91	\$1,011,250	3/1/2027	30	\$1,011,250	\$977,542	\$994,396	0.71%	\$7,014	(\$1,916)	\$5,098	\$33,708	16.28%	\$830	\$5,488	8.84%	\$451	\$2,980
92	\$977,542	4/1/2027	29	\$977,542	\$943,833	\$960,687	0.71%	\$6,776	(\$1,851)	\$4,925	\$33,708	16.28%	\$802	\$5,488	8.84%	\$435	\$2,980
93	\$943,833	5/1/2027	28	\$943,833	\$910,125	\$926,979	0.71%	\$6,538	(\$1,786)	\$4,752	\$33,708	16.28%	\$774	\$5,488	8.84%	\$420	\$2,980
94	\$910,125	6/1/2027	27	\$910,125	\$876,417	\$893,271	0.71%	\$6,300	(\$1,721)	\$4,579	\$33,708	16.28%	\$745	\$5,488	8.84%	\$405	\$2,980
95	\$876,417	7/1/2027	26	\$876,417	\$842,708	\$859,562	0.71%	\$6,063	(\$1,656)	\$4,406	\$33,708	16.28%	\$717	\$5,488	8.84%	\$390	\$2,980
96	\$842,708	8/1/2027	25	\$842,708	\$809,000	\$825,854	0.71%	\$5,825	(\$1,591)	\$4,234	\$33,708	16.28%	\$689	\$5,488	8.84%	\$374	\$2,980
97	\$809,000	9/1/2027	24	\$809,000	\$775,292	\$792,146	0.71%	\$5,587	(\$1,526)	\$4,061	\$33,708	16.28%	\$661	\$5,488	8.84%	\$359	\$2,980
98	\$775,292	10/1/2027	23	\$775,292	\$741,583	\$758,437	0.71%	\$5,349	(\$1,461)	\$3,888	\$33,708	16.28%	\$633	\$5,488	8.84%	\$344	\$2,980
99	\$741,583	11/1/2027	22	\$741,583	\$707,875	\$724,729	0.71%	\$5,112	(\$1,397)	\$3,715	\$33,708	16.28%	\$605	\$5,488	8.84%	\$328	\$2,980
100	\$707,875	12/1/2027	21	\$707,875	\$674,167	\$691,021	0.71%	\$4,874	(\$1,332)	\$3,542	\$33,708	16.28%	\$577	\$5,488	8.84%	\$313	\$2,980
101	\$674,167	1/1/2028	20	\$674,167	\$640,458	\$657,312	0.71%	\$4,636	(\$1,267)	\$3,370	\$33,708	16.28%	\$549	\$5,488	8.84%	\$298	\$2,980
102	\$640,458	2/1/2028	19	\$640,458	\$606,750	\$623,604	0.71%	\$4,398	(\$1,202)	\$3,197	\$33,708	16.28%	\$520	\$5,488	8.84%	\$283	\$2,980
103	\$606,750	3/1/2028	18	\$606,750	\$573,042	\$589,896	0.71%	\$4,161	(\$1,137)	\$3,024	\$33,708	16.28%	\$492	\$5,488	8.84%	\$267	\$2,980
104	\$573,042	4/1/2028	17	\$573,042	\$539,333	\$556,187	0.71%	\$3,923	(\$1,072)	\$2,851	\$33,708	16.28%	\$464	\$5,488	8.84%	\$252	\$2,980
105	\$539,333	5/1/2028	16	\$539,333	\$505,625	\$522,479	0.71%	\$3,685	(\$1,007)	\$2,678	\$33,708	16.28%	\$436	\$5,488	8.84%	\$237	\$2,980
106	\$505,625	6/1/2028 7/1/2028	15 14	\$505,625	\$471,917	\$488,771	0.71%	\$3,447	(\$942)	\$2,506	\$33,708	16.28%	\$408 \$380	\$5,488	8.84%	\$221 \$206	\$2,980 \$2,980
107 108	\$471,917		14	\$471,917	\$438,208 \$404,500	\$455,062	0.71%	\$3,210	(\$877)	\$2,333	\$33,708	16.28%		\$5,488	8.84%		. ,
108	\$438,208 \$404,500	8/1/2028 9/1/2028	13	\$438,208 \$404,500	\$370,792	\$421,354 \$387,646	0.71% 0.71%	\$2,972 \$2,734	(\$812) (\$747)	\$2,160 \$1,987	\$33,708 \$33,708	16.28% 16.28%	\$352 \$324	\$5,488 \$5,488	8.84% 8.84%	\$191 \$176	\$2,980 \$2,980
110	\$370,792	10/1/2028	11	\$370,792	\$337,083	\$353,937	0.71%	\$2,734	(\$682)	\$1,987	\$33,708	16.28%	\$295	\$5,488	8.84%	\$170 \$160	\$2,980
111	\$337,083	11/1/2028	10	\$337,083	\$303,375	\$320,229	0.71%	\$2,450	(\$617)	\$1,642	\$33,708	16.28%	\$267	\$5,488	8.84%	\$145	\$2,980
112	\$303,375	12/1/2028	9	\$303,375	\$269,667	\$286,521	0.71%	\$2,021	(\$552)	\$1,469	\$33,708	16.28%	\$239	\$5,488	8.84%	\$130	\$2,980
113	\$269,667	1/1/2029	8	\$269,667	\$235,958	\$252,813	0.71%	\$1,783	(\$487)	\$1,296	\$33,708	16.28%	\$211	\$5,488	8.84%	\$115	\$2,980
114	\$235,958	2/1/2029	7	\$235,958	\$202,250	\$219,104	0.71%	\$1,545	(\$422)	\$1,123	\$33,708	16.28%	\$183	\$5,488	8.84%	\$99	\$2,980
115	\$202,250	3/1/2029	6	\$202,250	\$168,542	\$185,396	0.71%	\$1,308	(\$357)	\$950	\$33,708	16.28%	\$155	\$5,488	8.84%	\$84	\$2,980
116	\$168,542	4/1/2029	5	\$168,542	\$134,833	\$151,688	0.71%	\$1,070	(\$292)	\$778	\$33,708	16.28%	\$127	\$5,488	8.84%	\$69	\$2,980
117	\$134,833	5/1/2029	4	\$134,833	\$101,125	\$117,979	0.71%	\$832	(\$227)	\$605	\$33,708	16.28%	\$98	\$5,488	8.84%	\$53	\$2,980
118	\$101,125	6/1/2029	3	\$101,125	\$67,417	\$84,271	0.71%	\$594	(\$162)	\$432	\$33,708	16.28%	\$70	\$5,488	8.84%	\$38	\$2,980
119	\$67,417	7/1/2029	2	\$67,417	\$33,708	\$50,562	0.71%	\$357	(\$97)	\$259	\$33,708	16.28%	\$42	\$5,488	8.84%	\$23	\$2,980
120	\$33,708	8/1/2029	1	\$33,708	\$0	\$16,854	0.71%	\$119	(\$32)	\$86	\$33,708	16.28%	\$14	\$5,488	8.84%	\$8	\$2,980

Division 23-7

Request:

If the AMI study cost was capitalized by the Service Company and Massachusetts later began using AMI systems shared with Rhode Island, would the amount of the Service Company rents be adjusted for Rhode Island when Massachusetts commenced AMI? If not, please explain why not. If yes, please restate the schedule developed in response to request (6) above (in two scenarios), showing the change in Service Company Rents to Rhode Island if Massachusetts commenced AMI two years and five years after Rhode Island implements AMI.

Response:

Yes, the National Grid USA Service Company, Inc. (Service Company) rents for the AMI study costs would be adjusted when a new operating company began using the Information Services (IS) system.

The annual Service Company rent assuming that the costs of the AMI study are capitalized and amortized over the life of the AMI program and Massachusetts commenced two years later would be as follows –

Year		Electric	Gas	Total
	1	\$104,336	\$56,654	\$160,991
	2	\$100,285	\$54,455	\$154,740
	3	\$67,192	\$36,513	\$103,705
	4	\$64,363	\$34,976	\$99,340
	5	\$61,535	\$33,439	\$94,974
	6	\$58,707	\$31,902	\$90,609
	7	\$55,878	\$30,365	\$86,243
	8	\$53,050	\$28,828	\$81,878
	9	\$50,221	\$27,291	\$77,513
	10	\$47,393	\$25,754	\$73,147
		\$662,961	\$360,179	\$1,023,139

If Massachusetts commenced five years later, the annual Service Company rent would be as follows-

Year	Electric	Gas	Total
1	\$104,336	\$56,654	\$160,991
2	\$100,285	\$54,455	\$154,740
3	\$96,235	\$52,255	\$148,490

Prepared by or under the supervision of: John Gilbert, Daniel DeMauro, and Mukund Ravipaty

4	\$92,184	\$50,055	\$142,239
5	\$88,133	\$47,856	\$135,989
6	\$58,707	\$31,902	\$90,609
7	\$55,878	\$30,365	\$86,243
8	\$53,050	\$28,828	\$81,878
9	\$50,221	\$27,291	\$77,513
10	\$47,393	\$25,754	\$73,147
Total	\$746,422	\$405,417	\$1,151,838

Please see Attachment to DIV 23-7 for the calculation of the Service Company rent for the AMI study costs. For this schedule, the Company used the joint Niagara Mohawk Power Corporation and Company study cost estimate of \$4.045 million included in the Company's response to Division 23-5 and amortized the costs over 10 years to match the other Service Company assets related to AMI.

As noted in the Company's response to Division 23-6, the AMI Study represents the Preliminary Project Stage of this project. The accounting for the costs of computer software developed or purchased for internal use is driven by the Statement of Position 98-1 as codified by the Financial Accounting Standards Board as ASC 350-40. The Preliminary Project Stage of IS investments must be charged to O&M expense under these accounting rules.

(This response is identical to the Company's response to Division 7-7 in Docket No. 4780.)

MASSACHUSETTS IMPLEMENTATION AFTER 2 YEARS

MASSACHUSETTS INFEE	awi a rangi ya r	ILK 2 ILAKS											Narragansett	Narragansett			
Investment Name	Total Spend	In Service Date	Amortization Period	Beginning Balance	Ending Balance	Average Balance	Service Co Return	Rate Year Return	RY Return on Accum Taxes	Total Return	Rate Year Amortization	Narragansett Electric	Electric RY Rent Return	Electric RY Rent - Depn	Narragansett Gas	Narragansett Gas RY Rent Return	Narragansett Gas RY Rent - Depn
1 AMI Study	\$4,045,000	9/2/2019	120	\$4,045,000	\$4,011,292	\$4,028,146	0.71%	\$28,411	(\$7,762)	\$20,649	\$33,708	16.28%	\$3,362	\$5,488	8.84%	\$1,825	\$2,980
2	\$4,011,292	10/1/2019	119	\$4,011,292	\$3,977,583	\$3,994,438	0.71%	\$28,174	(\$7,697)	\$20,477	\$33,708	16.28%	\$3,334	\$5,488	8.84%	\$1,810	\$2,980
3 4	\$3,977,583 \$3,943,875	11/1/2019 12/1/2019	118 117	\$3,977,583 \$3,943,875	\$3,943,875 \$3,910,167	\$3,960,729 \$3,927,021	0.71% 0.71%	\$27,936 \$27,698	(\$7,632) (\$7,567)	\$20,304 \$20,131	\$33,708 \$33,708	16.28% 16.28%	\$3,305 \$3,277	\$5,488 \$5,488	8.84% 8.84%	\$1,795 \$1,780	\$2,980 \$2,980
5	\$3,910,167	1/1/2020	116	\$3,910,167	\$3,876,458	\$3,893,313	0.71%	\$27,460	(\$7,502)	\$19,958	\$33,708	16.28%	\$3,249	\$5,488	8.84%	\$1,764	\$2,980
6	\$3,876,458 \$3,842,750	2/1/2020 3/1/2020	115 114	\$3,876,458 \$3,842,750	\$3,842,750 \$3,809,042	\$3,859,604 \$3,825,896	0.71% 0.71%	\$27,223 \$26,985	(\$7,437) (\$7,372)	\$19,785 \$19,613	\$33,708 \$33,708	16.28% 16.28%	\$3,221 \$3,193	\$5,488 \$5,488	8.84% 8.84%	\$1,749 \$1,734	\$2,980 \$2,980
8	\$3,809,042	4/1/2020	114	\$3,809,042	\$3,775,333	\$3,792,188	0.71%	\$26,747	(\$7,307)	\$19,440	\$33,708	16.28%	\$3,165	\$5,488	8.84%	\$1,718	\$2,980
9	\$3,775,333	5/1/2020	112	\$3,775,333	\$3,741,625	\$3,758,479	0.71%	\$26,509	(\$7,242)	\$19,267	\$33,708	16.28%	\$3,137	\$5,488	8.84%	\$1,703	\$2,980
10 11	\$3,741,625 \$3,707,917	6/1/2020 7/1/2020	111 110	\$3,741,625 \$3,707,917	\$3,707,917 \$3,674,208	\$3,724,771 \$3,691,063	0.71% 0.71%	\$26,272 \$26,034	(\$7,177) (\$7,112)	\$19,094 \$18,921	\$33,708 \$33,708	16.28% 16.28%	\$3,109 \$3,080	\$5,488 \$5,488	8.84% 8.84%	\$1,688 \$1,673	\$2,980 \$2,980
12	\$3,674,208	8/1/2020	109	\$3,674,208	\$3,640,500	\$3,657,354	0.71%	\$25,796	(\$7,047)	\$18,749	\$33,708	16.28%	\$3,052	\$5,488	8.84%	\$1,657	\$2,980
13	\$3,640,500	9/1/2020	108	\$3,640,500	\$3,606,792	\$3,623,646	0.71%	\$25,558	(\$6,983)	\$18,576	\$33,708	16.28%	\$3,024	\$5,488	8.84% 8.84%	\$1,642	\$2,980
14 15	\$3,606,792 \$3,573,083	10/1/2020 11/1/2020	107 106	\$3,606,792 \$3,573,083	\$3,573,083 \$3,539,375	\$3,589,938 \$3,556,229	0.71% 0.71%	\$25,320 \$25,083	(\$6,918) (\$6,853)	\$18,403 \$18,230	\$33,708 \$33,708	16.28% 16.28%	\$2,996 \$2,968	\$5,488 \$5,488	8.84% 8.84%	\$1,627 \$1,612	\$2,980 \$2,980
16	\$3,539,375	12/1/2020	105	\$3,539,375	\$3,505,667	\$3,522,521	0.71%	\$24,845	(\$6,788)	\$18,057	\$33,708	16.28%	\$2,940	\$5,488	8.84%	\$1,596	\$2,980
17 18	\$3,505,667 \$3,471,958	1/1/2021 2/1/2021	104 103	\$3,505,667 \$3,471,958	\$3,471,958 \$3,438,250	\$3,488,813 \$3,455,104	0.71% 0.71%	\$24,607 \$24,369	(\$6,723) (\$6,658)	\$17,885 \$17,712	\$33,708 \$33,708	16.28% 16.28%	\$2,912 \$2,883	\$5,488 \$5,488	8.84% 8.84%	\$1,581 \$1,566	\$2,980 \$2,980
19	\$3,438,250	3/1/2021	103	\$3,438,250	\$3,404,542	\$3,433,104	0.71%	\$24,309	(\$6,593)	\$17,539	\$33,708	16.28%	\$2,855	\$5,488	8.84%	\$1,550	\$2,980
20	\$3,404,542	4/1/2021	101	\$3,404,542	\$3,370,833	\$3,387,688	0.71%	\$23,894	(\$6,528)	\$17,366	\$33,708	16.28%	\$2,827	\$5,488	8.84%	\$1,535	\$2,980
21 22	\$3,370,833 \$3,337,125	5/1/2021 6/1/2021	100 99	\$3,370,833 \$3,337,125	\$3,337,125 \$3,303,417	\$3,353,979 \$3,320,271	0.71% 0.71%	\$23,656 \$23,418	(\$6,463) (\$6,398)	\$17,193 \$17,021	\$33,708 \$33,708	16.28% 16.28%	\$2,799 \$2,771	\$5,488 \$5,488	8.84% 8.84%	\$1,520 \$1,505	\$2,980 \$2,980
23	\$3,303,417	7/1/2021	98	\$3,303,417	\$3,269,708	\$3,286,563	0.71%	\$23,181	(\$6,333)	\$16,848	\$33,708	16.28%	\$2,743	\$5,488	8.84%	\$1,489	\$2,980
24 25	\$3,269,708	8/1/2021	97	\$3,269,708	\$3,236,000	\$3,252,854	0.71%	\$22,943	(\$6,268)	\$16,675	\$33,708	16.28%	\$2,715	\$5,488	8.84%	\$1,474	\$2,980
26	\$3,236,000 \$3,202,292	9/1/2021 10/1/2021	96 95	\$3,236,000 \$3,202,292	\$3,202,292 \$3,168,583	\$3,219,146 \$3,185,438	0.71% 0.71%	\$22,705 \$22,467	(\$6,203) (\$6,138)	\$16,502 \$16,329	\$33,708 \$33,708	11.37% 11.37%	\$1,876 \$1,856	\$3,832 \$3,832	6.18% 6.18%	\$1,019 \$1,009	\$2,082 \$2,082
27	\$3,168,583	11/1/2021	94	\$3,168,583	\$3,134,875	\$3,151,729	0.71%	\$22,230	(\$6,073)	\$16,157	\$33,708	11.37%	\$1,836	\$3,832	6.18%	\$998	\$2,082
28 29	\$3,134,875 \$3,101,167	12/1/2021 1/1/2022	93 92	\$3,134,875 \$3,101,167	\$3,101,167 \$3,067,458	\$3,118,021 \$3,084,313	0.71% 0.71%	\$21,992 \$21,754	(\$6,008) (\$5,943)	\$15,984 \$15,811	\$33,708 \$33,708	11.37% 11.37%	\$1,817 \$1,797	\$3,832 \$3,832	6.18% 6.18%	\$987 \$977	\$2,082 \$2,082
30	\$3,067,458	2/1/2022	91	\$3,067,458	\$3,033,750	\$3,050,604	0.71%	\$21,516	(\$5,878)	\$15,638	\$33,708	11.37%	\$1,778	\$3,832	6.18%	\$966	\$2,082
31	\$3,033,750	3/1/2022	90	\$3,033,750	\$3,000,042	\$3,016,896	0.71%	\$21,279	(\$5,813)	\$15,465	\$33,708	11.37%	\$1,758	\$3,832	6.18%	\$955	\$2,082
32 33	\$3,000,042 \$2,966,333	4/1/2022 5/1/2022	89 88	\$3,000,042 \$2,966,333	\$2,966,333 \$2,932,625	\$2,983,188 \$2,949,479	0.71% 0.71%	\$21,041 \$20,803	(\$5,748) (\$5,683)	\$15,293 \$15,120	\$33,708 \$33,708	11.37% 11.37%	\$1,738 \$1,719	\$3,832 \$3,832	6.18% 6.18%	\$945 \$934	\$2,082 \$2,082
34	\$2,932,625	6/1/2022	87	\$2,932,625	\$2,898,917	\$2,915,771	0.71%	\$20,565	(\$5,618)	\$14,947	\$33,708	11.37%	\$1,699	\$3,832	6.18%	\$923	\$2,082
35 36	\$2,898,917 \$2,865,208	7/1/2022 8/1/2022	86 85	\$2,898,917 \$2,865,208	\$2,865,208 \$2,831,500	\$2,882,062 \$2,848,354	0.71% 0.71%	\$20,328 \$20,090	(\$5,554) (\$5,489)	\$14,774 \$14,601	\$33,708 \$33,708	11.37% 11.37%	\$1,679 \$1,660	\$3,832 \$3,832	6.18% 6.18%	\$913 \$902	\$2,082 \$2,082
37	\$2,831,500	9/1/2022	84	\$2,831,500	\$2,797,792	\$2,814,646	0.71%	\$19,852	(\$5,424)	\$14,429	\$33,708	11.37%	\$1,640	\$3,832	6.18%	\$891	\$2,082
38	\$2,797,792	10/1/2022	83	\$2,797,792	\$2,764,083	\$2,780,937	0.71%	\$19,614	(\$5,359)	\$14,256	\$33,708	11.37%	\$1,620	\$3,832	6.18%	\$881	\$2,082
39 40	\$2,764,083 \$2,730,375	11/1/2022 12/1/2022	82 81	\$2,764,083 \$2,730,375	\$2,730,375 \$2,696,667	\$2,747,229 \$2,713,521	0.71% 0.71%	\$19,377 \$19,139	(\$5,294) (\$5,229)	\$14,083 \$13,910	\$33,708 \$33,708	11.37% 11.37%	\$1,601 \$1,581	\$3,832 \$3,832	6.18% 6.18%	\$870 \$859	\$2,082 \$2,082
41	\$2,696,667	1/1/2023	80	\$2,696,667	\$2,662,958	\$2,679,812	0.71%	\$18,901	(\$5,164)	\$13,737	\$33,708	11.37%	\$1,562	\$3,832	6.18%	\$849	\$2,082
42 43	\$2,662,958 \$2,629,250	2/1/2023	79 78	\$2,662,958 \$2,629,250	\$2,629,250 \$2,595,542	\$2,646,104 \$2,612,396	0.71%	\$18,663	(\$5,099)	\$13,565 \$13,392	\$33,708 \$33,708	11.37% 11.37%	\$1,542 \$1,522	\$3,832 \$3,832	6.18%	\$838 \$827	\$2,082 \$2,082
43	\$2,629,250 \$2,595,542	3/1/2023 4/1/2023	78	\$2,629,250 \$2,595,542	\$2,595,542 \$2,561,833	\$2,612,396 \$2,578,687	0.71%	\$18,426 \$18,188	(\$5,034) (\$4,969)	\$13,392 \$13,219	\$33,708 \$33,708	11.37%	\$1,522 \$1,503	\$3,832 \$3,832	6.18%	\$827 \$817	\$2,082 \$2,082
45	\$2,561,833	5/1/2023	76	\$2,561,833	\$2,528,125	\$2,544,979	0.71%	\$17,950	(\$4,904)	\$13,046	\$33,708	11.37%	\$1,483	\$3,832	6.18%	\$806	\$2,082
46 47	\$2,528,125 \$2,494,417	6/1/2023 7/1/2023	75 74	\$2,528,125 \$2,494,417	\$2,494,417 \$2,460,708	\$2,511,271 \$2,477,562	0.71%	\$17,712 \$17,475	(\$4,839) (\$4,774)	\$12,873 \$12,701	\$33,708 \$33,708	11.37% 11.37%	\$1,463 \$1,444	\$3,832 \$3.832	6.18%	\$795 \$785	\$2,082 \$2,082
48	\$2,460,708	8/1/2023	73	\$2,460,708	\$2,427,000	\$2,447,362	0.71%	\$17,237	(\$4,709)	\$12,528	\$33,708	11.37%	\$1,424	\$3,832	6.18%	\$774	\$2,082
49	\$2,427,000	9/1/2023	72	\$2,427,000	\$2,393,292	\$2,410,146	0.71%	\$16,999	(\$4,644)	\$12,355	\$33,708	11.37%	\$1,404	\$3,832	6.18%	\$763	\$2,082
50 51	\$2,393,292 \$2,359,583	10/1/2023 11/1/2023	71 70	\$2,393,292 \$2,359,583	\$2,359,583 \$2,325,875	\$2,376,437 \$2,342,729	0.71%	\$16,761 \$16,524	(\$4,579) (\$4,514)	\$12,182 \$12,009	\$33,708 \$33,708	11.37% 11.37%	\$1,385 \$1,365	\$3,832 \$3,832	6.18%	\$752 \$742	\$2,082 \$2,082
52	\$2,325,875	12/1/2023	69	\$2,325,875	\$2,292,167	\$2,309,021	0.71%	\$16,286	(\$4,449)	\$11,837	\$33,708	11.37%	\$1,345	\$3,832	6.18%	\$731	\$2,082
53 54	\$2,292,167 \$2,258,458	1/1/2024 2/1/2024	68 67	\$2,292,167 \$2,258,458	\$2,258,458 \$2,224,750	\$2,275,312 \$2,241,604	0.71% 0.71%	\$16,048 \$15,810	(\$4,384) (\$4,319)	\$11,664 \$11,491	\$33,708 \$33,708	11.37% 11.37%	\$1,326 \$1,306	\$3,832 \$3,832	6.18% 6.18%	\$720 \$710	\$2,082 \$2,082
55	\$2,224,750	3/1/2024	66	\$2,224,750	\$2,224,730	\$2,241,604	0.71%	\$15,573	(\$4,254)	\$11,318	\$33,708	11.37%	\$1,287	\$3,832	6.18%	\$699	\$2,082
56	\$2,191,042	4/1/2024	65	\$2,191,042	\$2,157,333	\$2,174,188	0.71%	\$15,335	(\$4,190)	\$11,145	\$33,708	11.37%	\$1,267	\$3,832	6.18%	\$688	\$2,082
57 58	\$2,157,333 \$2,123,625	5/1/2024 6/1/2024	64 63	\$2,157,333 \$2,123,625	\$2,123,625 \$2,089,917	\$2,140,479 \$2,106,771	0.71% 0.71%	\$15,097 \$14,859	(\$4,125) (\$4,060)	\$10,973 \$10,800	\$33,708 \$33,708	11.37% 11.37%	\$1,247 \$1,228	\$3,832 \$3,832	6.18% 6.18%	\$678 \$667	\$2,082 \$2,082
59	\$2,089,917	7/1/2024	62	\$2,089,917	\$2,056,208	\$2,073,063	0.71%	\$14,622	(\$3,995)	\$10,627	\$33,708	11.37%	\$1,208	\$3,832	6.18%	\$656	\$2,082
60 61	\$2,056,208	8/1/2024 9/1/2024	61 60	\$2,056,208 \$2,022,500	\$2,022,500	\$2,039,354	0.71% 0.71%	\$14,384	(\$3,930)	\$10,454	\$33,708 \$33,708	11.37%	\$1,188	\$3,832 \$3,832	6.18% 6.18%	\$646 \$635	\$2,082 \$2,082
62	\$2,022,500 \$1,988,792	10/1/2024	59	\$1,988,792	\$1,988,792 \$1,955,083	\$2,005,646 \$1,971,938	0.71%	\$14,146 \$13,908	(\$3,865) (\$3,800)	\$10,281 \$10,109	\$33,708	11.37% 11.37%	\$1,169 \$1,149	\$3,832 \$3,832	6.18%	\$624	\$2,082 \$2,082
63	\$1,955,083	11/1/2024	58	\$1,955,083	\$1,921,375	\$1,938,229	0.71%	\$13,671	(\$3,735)	\$9,936	\$33,708	11.37%	\$1,129	\$3,832	6.18%	\$614	\$2,082
64 65	\$1,921,375 \$1,887,667	12/1/2024 1/1/2025	57 56	\$1,921,375 \$1,887,667	\$1,887,667 \$1,853,958	\$1,904,521 \$1,870,813	0.71% 0.71%	\$13,433 \$13,195	(\$3,670) (\$3,605)	\$9,763 \$9,590	\$33,708 \$33,708	11.37% 11.37%	\$1,110 \$1,090	\$3,832 \$3,832	6.18% 6.18%	\$603 \$592	\$2,082 \$2,082
66	\$1,853,958	2/1/2025	55	\$1,853,958	\$1,820,250	\$1,837,104	0.71%	\$12,957	(\$3,540)	\$9,417	\$33,708	11.37%	\$1,070	\$3,832	6.18%	\$582	\$2,082
67	\$1,820,250	3/1/2025	54	\$1,820,250	\$1,786,542	\$1,803,396	0.71%	\$12,720	(\$3,475)	\$9,245	\$33,708	11.37%	\$1,051	\$3,832	6.18%	\$571	\$2,082
68 69	\$1,786,542 \$1,752,833	4/1/2025 5/1/2025	53 52	\$1,786,542 \$1,752,833	\$1,752,833 \$1,719,125	\$1,769,688 \$1,735,979	0.71% 0.71%	\$12,482 \$12,244	(\$3,410) (\$3,345)	\$9,072 \$8,899	\$33,708 \$33,708	11.37% 11.37%	\$1,031 \$1,012	\$3,832 \$3,832	6.18% 6.18%	\$560 \$550	\$2,082 \$2,082
70	\$1,719,125	6/1/2025	51	\$1,719,125	\$1,685,417	\$1,702,271	0.71%	\$12,006	(\$3,280)	\$8,726	\$33,708	11.37%	\$992	\$3,832	6.18%	\$539	\$2,082
71 72	\$1,685,417 \$1,651,708	7/1/2025 8/1/2025	50 49	\$1,685,417 \$1,651,708	\$1,651,708 \$1,618,000	\$1,668,563 \$1,634,854	0.71% 0.71%	\$11,769 \$11,531	(\$3,215) (\$3,150)	\$8,553 \$8,381	\$33,708 \$33,708	11.37% 11.37%	\$972 \$953	\$3,832 \$3,832	6.18%	\$528 \$518	\$2,082 \$2,082
73	\$1,618,000	9/1/2025	49	\$1,631,708	\$1,584,292	\$1,601,146	0.71%	\$11,293	(\$3,130)	\$8,208	\$33,708	11.37%	\$933	\$3,832	6.18%	\$507	\$2,082
74	\$1,584,292	10/1/2025	47	\$1,584,292	\$1,550,583	\$1,567,438	0.71%	\$11,055	(\$3,020)	\$8,035	\$33,708	11.37%	\$913	\$3,832	6.18%	\$496	\$2,082
75	\$1,550,583	11/1/2025	46	\$1,550,583	\$1,516,875	\$1,533,729	0.71%	\$10,818	(\$2,955)	\$7,862	\$33,708	11.37%	\$894	\$3,832	6.18%	\$486	\$2,082

MASSACHUSETTS IMPLEMENTATION AFTER 2 YEARS

													Narragansett	Narragansett			
			Amortization	Beginning	Ending	Average	Service Co	Rate Year	RY Return on		Rate Year	Narragansett	Electric RY Rent	Electric RY Rent -	Narragansett	Narragansett Gas	Narragansett Gas
Investment Name	Total Spend	In Service Date	Period	Balance	Balance	Balance	Return	Return	Accum Taxes	Total Return	Amortization	Electric	Return	Depn	Gas	RY Rent Return	RY Rent - Depn
76	\$1,516,875	12/1/2025	45	\$1,516,875	\$1,483,167	\$1,500,021	0.71%	\$10,580	(\$2,890)	\$7,689	\$33,708	11.37%	\$874	\$3,832	6.18%	\$475	\$2,082
77	\$1,483,167	1/1/2026	44	\$1,483,167	\$1,449,458	\$1,466,313	0.71%	\$10,342	(\$2,825)	\$7,517	\$33,708	11.37%	\$854	\$3,832	6.18%	\$464	\$2,082
78	\$1,449,458	2/1/2026	43	\$1,449,458	\$1,415,750	\$1,432,604	0.71%	\$10,104	(\$2,761)	\$7,344	\$33,708	11.37%	\$835	\$3,832	6.18%	\$454	\$2,082
79	\$1,415,750	3/1/2026	42	\$1,415,750	\$1,382,042	\$1,398,896	0.71%	\$9,867	(\$2,696)	\$7,171	\$33,708	11.37%	\$815	\$3,832	6.18%	\$443	\$2,082
80	\$1,382,042	4/1/2026	41	\$1,382,042	\$1,348,333	\$1,365,188	0.71%	\$9,629	(\$2,631)	\$6,998	\$33,708	11.37%	\$795	\$3,832	6.18%	\$432	\$2,082
81	\$1,348,333	5/1/2026	40	\$1,348,333	\$1,314,625	\$1,331,479	0.71%	\$9,391	(\$2,566)	\$6,826	\$33,708	11.37%	\$776	\$3,832	6.18%	\$422	\$2,082
82	\$1,314,625	6/1/2026	39	\$1,314,625	\$1,280,917	\$1,297,771	0.71%	\$9,153	(\$2,501)	\$6,653	\$33,708	11.37%	\$756	\$3,832	6.18%	\$411	\$2,082
83	\$1,280,917	7/1/2026	38	\$1,280,917	\$1,247,208	\$1,264,063	0.71%	\$8,916	(\$2,436)	\$6,480	\$33,708	11.37%	\$737	\$3,832	6.18%	\$400	\$2,082
84	\$1,247,208	8/1/2026	37	\$1,247,208	\$1,213,500	\$1,230,354	0.71%	\$8,678	(\$2,371)	\$6,307	\$33,708	11.37%	\$717	\$3,832	6.18%	\$390	\$2,082
85	\$1,213,500	9/1/2026	36	\$1,213,500	\$1,179,792	\$1,196,646	0.71%	\$8,440	(\$2,306)	\$6,134	\$33,708	11.37%	\$697	\$3,832	6.18%	\$379	\$2,082
86	\$1,179,792	10/1/2026	35	\$1,179,792	\$1,146,083	\$1,162,938	0.71%	\$8,202	(\$2,241)	\$5,962	\$33,708	11.37%	\$678	\$3,832	6.18%	\$368	\$2,082
87	\$1,146,083	11/1/2026	34	\$1,146,083	\$1,112,375	\$1,129,229	0.71%	\$7,965	(\$2,176)	\$5,789	\$33,708	11.37%	\$658	\$3,832	6.18%	\$358	\$2,082
88	\$1,112,375	12/1/2026	33	\$1,112,375	\$1,078,667	\$1,095,521	0.71%	\$7,727	(\$2,111)	\$5,616	\$33,708	11.37%	\$638	\$3,832	6.18%	\$347	\$2,082
89	\$1,078,667	1/1/2027	32	\$1,078,667	\$1,044,958	\$1,061,813	0.71%	\$7,489	(\$2,046)	\$5,443	\$33,708	11.37%	\$619	\$3,832	6.18%	\$336	\$2,082
90	\$1,044,958	2/1/2027	31	\$1,044,958	\$1,011,250	\$1,028,104	0.71%	\$7,251	(\$1,981)	\$5,270	\$33,708	11.37%	\$599	\$3,832	6.18%	\$326	\$2,082
91	\$1,011,250	3/1/2027	30	\$1,011,250	\$977,542	\$994,396	0.71%	\$7,014	(\$1,916)	\$5,098	\$33,708	11.37%	\$579	\$3,832	6.18%	\$315	\$2,082
92	\$977,542	4/1/2027	29	\$977,542	\$943,833	\$960,687	0.71%	\$6,776	(\$1,851)	\$4,925	\$33,708	11.37%	\$560	\$3,832	6.18%	\$304	\$2,082
93	\$943,833	5/1/2027	28	\$943,833	\$910,125	\$926,979	0.71%	\$6,538	(\$1,786)	\$4,752	\$33,708	11.37%	\$540	\$3,832	6.18%	\$294	\$2,082
94	\$910,125	6/1/2027	27	\$910,125	\$876,417	\$893,271	0.71%	\$6,300	(\$1,721)	\$4,579	\$33,708	11.37%	\$521	\$3,832	6.18%	\$283	\$2,082
95	\$876,417	7/1/2027	26	\$876,417	\$842,708	\$859,562	0.71%	\$6,063	(\$1,656)	\$4,406	\$33,708	11.37%	\$501	\$3,832	6.18%	\$272	\$2,082
96	\$842,708	8/1/2027	25	\$842,708	\$809,000	\$825,854	0.71%	\$5,825	(\$1,591)	\$4,234	\$33,708	11.37%	\$481	\$3,832	6.18%	\$262	\$2,082
97	\$809,000	9/1/2027	24	\$809,000	\$775,292	\$792,146	0.71%	\$5,587	(\$1,526)	\$4,061	\$33,708	11.37%	\$462	\$3,832	6.18%	\$251	\$2,082
98	\$775,292	10/1/2027	23	\$775,292	\$741,583	\$758,437	0.71%	\$5,349	(\$1,461)	\$3,888	\$33,708	11.37%	\$442	\$3,832	6.18%	\$240	\$2,082
99	\$741,583	11/1/2027	22	\$741,583	\$707,875	\$724,729	0.71%	\$5,112	(\$1,397)	\$3,715	\$33,708	11.37%	\$422	\$3,832	6.18%	\$229	\$2,082
100	\$707,875	12/1/2027	21	\$707,875	\$674,167	\$691,021	0.71%	\$4,874	(\$1,332)	\$3,542	\$33,708	11.37%	\$403	\$3,832	6.18%	\$219	\$2,082
101	\$674,167	1/1/2028	20	\$674,167	\$640,458	\$657,312	0.71%	\$4,636	(\$1,267)	\$3,370	\$33,708	11.37%	\$383	\$3,832	6.18%	\$208	\$2,082
102	\$640,458	2/1/2028	19	\$640,458	\$606,750	\$623,604	0.71%	\$4,398	(\$1,202)	\$3,197	\$33,708	11.37%	\$363	\$3,832	6.18%	\$197	\$2,082
103	\$606,750	3/1/2028	18	\$606,750	\$573,042	\$589,896	0.71%	\$4,161	(\$1,137)	\$3,024	\$33,708	11.37%	\$344	\$3,832	6.18%	\$187	\$2,082
104	\$573,042	4/1/2028	17	\$573,042	\$539,333	\$556,187	0.71%	\$3,923	(\$1,072)	\$2,851	\$33,708	11.37%	\$324	\$3,832	6.18%	\$176	\$2,082
105	\$539,333	5/1/2028	16	\$539,333	\$505,625	\$522,479	0.71%	\$3,685	(\$1,007)	\$2,678	\$33,708	11.37%	\$304	\$3,832	6.18%	\$165	\$2,082
106	\$505,625	6/1/2028	15	\$505,625	\$471,917	\$488,771	0.71%	\$3,447	(\$942)	\$2,506	\$33,708	11.37%	\$285	\$3,832	6.18%	\$155	\$2,082
107	\$471,917	7/1/2028	14	\$471,917	\$438,208	\$455,062	0.71%	\$3,210	(\$877)	\$2,333	\$33,708	11.37%	\$265	\$3,832	6.18%	\$144	\$2,082
108	\$438,208	8/1/2028	13	\$438,208	\$404,500	\$421,354	0.71%	\$2,972	(\$812)	\$2,160	\$33,708	11.37%	\$246	\$3,832	6.18%	\$133	\$2,082
109	\$404,500	9/1/2028	12	\$404,500	\$370,792	\$387,646	0.71%	\$2,734	(\$747)	\$1,987	\$33,708	11.37%	\$226	\$3,832	6.18%	\$123	\$2,082
110	\$370,792	10/1/2028	11	\$370,792	\$337,083	\$353,937	0.71%	\$2,496	(\$682)	\$1,814	\$33,708	11.37%	\$206	\$3,832	6.18%	\$112	\$2,082
111	\$337,083	11/1/2028	10	\$337,083	\$303,375	\$320,229	0.71%	\$2,259	(\$617)	\$1,642	\$33,708	11.37%	\$187	\$3,832	6.18%	\$101	\$2,082
112	\$303,375	12/1/2028	9	\$303,375	\$269,667	\$286,521	0.71%	\$2,021	(\$552)	\$1,469	\$33,708	11.37%	\$167	\$3,832	6.18%	\$91	\$2,082
113	\$269,667	1/1/2029	8	\$269,667	\$235,958	\$252,813	0.71%	\$1,783	(\$487)	\$1,296	\$33,708	11.37%	\$147	\$3,832	6.18%	\$80	\$2,082
114	\$235,958	2/1/2029	7	\$235,958	\$202,250	\$219,104	0.71%	\$1,545	(\$422)	\$1,123	\$33,708	11.37%	\$128	\$3,832	6.18%	\$69	\$2,082
115	\$202,250	3/1/2029	6	\$202,250	\$168,542	\$185,396	0.71%	\$1,308	(\$357)	\$950	\$33,708	11.37%	\$108	\$3,832	6.18%	\$59	\$2,082
116	\$168,542	4/1/2029	5	\$168,542	\$134,833	\$151,688	0.71%	\$1,070	(\$292)	\$778	\$33,708	11.37%	\$88	\$3,832	6.18%	\$48	\$2,082
117	\$134,833	5/1/2029	4	\$134,833	\$101,125	\$117,979	0.71%	\$832	(\$227)	\$605	\$33,708	11.37%	\$69	\$3,832	6.18%	\$37	\$2,082
118	\$101,125	6/1/2029	3	\$101,125	\$67,417	\$84,271	0.71%	\$594	(\$162)	\$432	\$33,708	11.37%	\$49	\$3,832	6.18%	\$27	\$2,082
119	\$67,417	7/1/2029	2	\$67,417	\$33,708	\$50,562	0.71%	\$357	(\$97)	\$259	\$33,708	11.37%	\$29	\$3,832	6.18%	\$16	\$2,082
120	\$33,708	8/1/2029	1	\$33,708	\$0	\$16,854	0.71%	\$119	(\$32)	\$86	\$33,708	11.37%	\$10	\$3,832	6.18%	\$5	\$2,082

MASSACHUSETTS IMPLEMENTATION AFTER 5 YEARS

MASSACHUSEI IS IMPLE	MENTATION AFT	EK 3 TEAKS	A	Danis mina	Fadina	A	Samias Ca	Data Vaan	DV Dataras an		Data Vaan	No	Narragansett	Narragansett	Name 200 201	Narragansett	Narragansett
Investment Name	Total Spend	In Service Date	Amortization Period	Beginning Balance	Ending Balance	Average Balance	Service Co Return	Rate Year Return	RY Return on Accum Taxes	Total Return	Rate Year Amortization	Narragansett Electric	Electric RY Rent Return	Electric RY Rent - Depn	Gas	Gas RY Rent Return	Gas RY Rent - Depn
1 AMI Study	\$4,045,000 \$4,011,292	9/2/2019 10/1/2019	120 119	\$4,045,000 \$4,011,292	\$4,011,292 \$3,977,583	\$4,028,146 \$3,994,438	0.71% 0.71%	\$28,411 \$28,174	(\$7,762)	\$20,649 \$20,477	\$33,708 \$33,708	16.28% 16.28%	\$3,362 \$3,334	\$5,488 \$5,488	8.84% 8.84%	\$1,825 \$1,810	\$2,980 \$2,980
2 3	\$3,977,583	11/1/2019	119	\$3,977,583	\$3,943,875	\$3,994,438	0.71%	\$28,174	(\$7,697) (\$7,632)	\$20,477	\$33,708	16.28%	\$3,305	\$5,488	8.84%	\$1,795	\$2,980
4	\$3,943,875	12/1/2019	117	\$3,943,875	\$3,910,167	\$3,927,021	0.71%	\$27,698	(\$7,567)	\$20,131	\$33,708	16.28%	\$3,277	\$5,488	8.84%	\$1,780	\$2,980
5	\$3,910,167 \$3,876,458	1/1/2020 2/1/2020	116 115	\$3,910,167 \$3,876,458	\$3,876,458 \$3,842,750	\$3,893,313 \$3,859,604	0.71% 0.71%	\$27,460 \$27,223	(\$7,502) (\$7,437)	\$19,958 \$19,785	\$33,708 \$33,708	16.28% 16.28%	\$3,249 \$3,221	\$5,488 \$5,488	8.84% 8.84%	\$1,764 \$1,749	\$2,980 \$2,980
7	\$3,842,750	3/1/2020	114	\$3,842,750	\$3,809,042	\$3,825,896	0.71%	\$26,985	(\$7,372)	\$19,613	\$33,708	16.28%	\$3,193	\$5,488	8.84%	\$1,734	\$2,980
8	\$3,809,042	4/1/2020	113	\$3,809,042	\$3,775,333	\$3,792,188	0.71%	\$26,747	(\$7,307)	\$19,440	\$33,708	16.28%	\$3,165	\$5,488	8.84%	\$1,718	\$2,980
10	\$3,775,333 \$3,741,625	5/1/2020 6/1/2020	112 111	\$3,775,333 \$3,741,625	\$3,741,625 \$3,707,917	\$3,758,479 \$3,724,771	0.71% 0.71%	\$26,509 \$26,272	(\$7,242) (\$7,177)	\$19,267 \$19,094	\$33,708 \$33,708	16.28% 16.28%	\$3,137 \$3,109	\$5,488 \$5,488	8.84% 8.84%	\$1,703 \$1,688	\$2,980 \$2,980
11	\$3,707,917	7/1/2020	110	\$3,707,917	\$3,674,208	\$3,691,063	0.71%	\$26,034	(\$7,112)	\$18,921	\$33,708	16.28%	\$3,080	\$5,488	8.84%	\$1,673	\$2,980
12 13	\$3,674,208 \$3,640,500	8/1/2020 9/1/2020	109 108	\$3,674,208 \$3,640,500	\$3,640,500 \$3,606,792	\$3,657,354 \$3,623,646	0.71% 0.71%	\$25,796 \$25,558	(\$7,047) (\$6,983)	\$18,749 \$18,576	\$33,708 \$33,708	16.28% 16.28%	\$3,052 \$3,024	\$5,488 \$5,488	8.84% 8.84%	\$1,657 \$1,642	\$2,980 \$2,980
14	\$3,606,792	10/1/2020	107	\$3,606,792	\$3,573,083	\$3,589,938	0.71%	\$25,320	(\$6,918)	\$18,403	\$33,708	16.28%	\$2,996	\$5,488	8.84%	\$1,627	\$2,980
15 16	\$3,573,083 \$3,539,375	11/1/2020 12/1/2020	106 105	\$3,573,083 \$3,539,375	\$3,539,375 \$3,505,667	\$3,556,229 \$3,522,521	0.71% 0.71%	\$25,083 \$24,845	(\$6,853) (\$6,788)	\$18,230 \$18,057	\$33,708	16.28% 16.28%	\$2,968 \$2,940	\$5,488 \$5,488	8.84% 8.84%	\$1,612 \$1,596	\$2,980 \$2,980
17	\$3,505,667	1/1/2020	105	\$3,505,667	\$3,471,958	\$3,322,521	0.71%	\$24,845	(\$6,788)	\$18,057	\$33,708 \$33,708	16.28%	\$2,940 \$2,912	\$5,488 \$5,488	8.84% 8.84%	\$1,596 \$1,581	\$2,980 \$2,980
18	\$3,471,958	2/1/2021	103	\$3,471,958	\$3,438,250	\$3,455,104	0.71%	\$24,369	(\$6,658)	\$17,712	\$33,708	16.28%	\$2,883	\$5,488	8.84%	\$1,566	\$2,980
19 20	\$3,438,250 \$3,404,542	3/1/2021 4/1/2021	102 101	\$3,438,250 \$3,404,542	\$3,404,542 \$3,370,833	\$3,421,396 \$3,387,688	0.71% 0.71%	\$24,132 \$23,894	(\$6,593) (\$6,528)	\$17,539 \$17,366	\$33,708 \$33,708	16.28% 16.28%	\$2,855 \$2,827	\$5,488 \$5,488	8.84% 8.84%	\$1,550 \$1,535	\$2,980 \$2,980
21	\$3,370,833	5/1/2021	100	\$3,370,833	\$3,337,125	\$3,353,979	0.71%	\$23,656	(\$6,463)	\$17,193	\$33,708	16.28%	\$2,799	\$5,488	8.84%	\$1,520	\$2,980
22	\$3,337,125	6/1/2021	99	\$3,337,125	\$3,303,417	\$3,320,271	0.71%	\$23,418	(\$6,398)	\$17,021	\$33,708	16.28% 16.28%	\$2,771	\$5,488	8.84% 8.84%	\$1,505	\$2,980
23	\$3,303,417 \$3,269,708	7/1/2021 8/1/2021	98 97	\$3,303,417 \$3,269,708	\$3,269,708 \$3,236,000	\$3,286,563 \$3,252,854	0.71% 0.71%	\$23,181 \$22,943	(\$6,333) (\$6,268)	\$16,848 \$16,675	\$33,708 \$33,708	16.28%	\$2,743 \$2,715	\$5,488 \$5,488	8.84% 8.84%	\$1,489 \$1,474	\$2,980 \$2,980
25	\$3,236,000	9/1/2021	96	\$3,236,000	\$3,202,292	\$3,219,146	0.71%	\$22,705	(\$6,203)	\$16,502	\$33,708	16.28%	\$2,687	\$5,488	8.84%	\$1,459	\$2,980
26 27	\$3,202,292 \$3,168,583	10/1/2021 11/1/2021	95 94	\$3,202,292 \$3,168,583	\$3,168,583 \$3,134,875	\$3,185,438 \$3,151,729	0.71% 0.71%	\$22,467 \$22,230	(\$6,138) (\$6,073)	\$16,329 \$16,157	\$33,708 \$33,708	16.28% 16.28%	\$2,658 \$2,630	\$5,488 \$5,488	8.84% 8.84%	\$1,444 \$1,428	\$2,980 \$2,980
28	\$3,134,875	12/1/2021	93	\$3,134,875	\$3,101,167	\$3,131,729	0.71%	\$21,992	(\$6,008)	\$15,984	\$33,708	16.28%	\$2,602	\$5,488	8.84%	\$1,413	\$2,980
29	\$3,101,167	1/1/2022	92	\$3,101,167	\$3,067,458	\$3,084,313	0.71%	\$21,754	(\$5,943)	\$15,811	\$33,708	16.28%	\$2,574	\$5,488	8.84%	\$1,398	\$2,980
30 31	\$3,067,458 \$3,033,750	2/1/2022 3/1/2022	91 90	\$3,067,458 \$3,033,750	\$3,033,750 \$3,000,042	\$3,050,604 \$3,016,896	0.71% 0.71%	\$21,516 \$21,279	(\$5,878) (\$5,813)	\$15,638 \$15,465	\$33,708 \$33,708	16.28% 16.28%	\$2,546 \$2,518	\$5,488 \$5,488	8.84% 8.84%	\$1,382 \$1,367	\$2,980 \$2,980
32	\$3,000,042	4/1/2022	89	\$3,000,042	\$2,966,333	\$2,983,188	0.71%	\$21,041	(\$5,748)	\$15,293	\$33,708	16.28%	\$2,490	\$5,488	8.84%	\$1,352	\$2,980
33 34	\$2,966,333 \$2,932,625	5/1/2022 6/1/2022	88 87	\$2,966,333 \$2,932,625	\$2,932,625 \$2,898,917	\$2,949,479 \$2,915,771	0.71% 0.71%	\$20,803 \$20,565	(\$5,683) (\$5,618)	\$15,120 \$14,947	\$33,708 \$33,708	16.28% 16.28%	\$2,462 \$2,433	\$5,488 \$5,488	8.84% 8.84%	\$1,337 \$1,321	\$2,980 \$2,980
35	\$2,898,917	7/1/2022	86	\$2,898,917	\$2,865,208	\$2,882,062	0.71%	\$20,328	(\$5,554)	\$14,774	\$33,708	16.28%	\$2,405	\$5,488	8.84%	\$1,306	\$2,980
36	\$2,865,208	8/1/2022	85 84	\$2,865,208	\$2,831,500	\$2,848,354	0.71%	\$20,090	(\$5,489)	\$14,601	\$33,708	16.28%	\$2,377	\$5,488	8.84%	\$1,291	\$2,980
37 38	\$2,831,500 \$2,797,792	9/1/2022 10/1/2022	84 83	\$2,831,500 \$2,797,792	\$2,797,792 \$2,764,083	\$2,814,646 \$2,780,937	0.71% 0.71%	\$19,852 \$19,614	(\$5,424) (\$5,359)	\$14,429 \$14,256	\$33,708 \$33,708	16.28% 16.28%	\$2,349 \$2,321	\$5,488 \$5,488	8.84% 8.84%	\$1,275 \$1,260	\$2,980 \$2,980
39	\$2,764,083	11/1/2022	82	\$2,764,083	\$2,730,375	\$2,747,229	0.71%	\$19,377	(\$5,294)	\$14,083	\$33,708	16.28%	\$2,293	\$5,488	8.84%	\$1,245	\$2,980
40 41	\$2,730,375 \$2,696,667	12/1/2022 1/1/2023	81 80	\$2,730,375 \$2,696,667	\$2,696,667 \$2,662,958	\$2,713,521 \$2,679,812	0.71% 0.71%	\$19,139 \$18,901	(\$5,229) (\$5,164)	\$13,910 \$13,737	\$33,708 \$33,708	16.28% 16.28%	\$2,265 \$2,236	\$5,488 \$5,488	8.84% 8.84%	\$1,230 \$1,214	\$2,980 \$2,980
42	\$2,662,958	2/1/2023	79	\$2,662,958	\$2,629,250	\$2,646,104	0.71%	\$18,663	(\$5,099)	\$13,565	\$33,708	16.28%	\$2,208	\$5,488	8.84%	\$1,199	\$2,980
43 44	\$2,629,250	3/1/2023 4/1/2023	78 77	\$2,629,250 \$2,595,542	\$2,595,542 \$2,561,833	\$2,612,396	0.71% 0.71%	\$18,426 \$18,188	(\$5,034) (\$4,969)	\$13,392 \$13,219	\$33,708 \$33,708	16.28% 16.28%	\$2,180 \$2,152	\$5,488 \$5,488	8.84% 8.84%	\$1,184 \$1,169	\$2,980 \$2,980
44	\$2,595,542 \$2,561,833	5/1/2023	76	\$2,595,542	\$2,561,833	\$2,578,687 \$2,544,979	0.71%	\$18,188	(\$4,969)	\$13,219	\$33,708	16.28%	\$2,152 \$2,124	\$5,488 \$5,488	8.84% 8.84%	\$1,153	\$2,980 \$2,980
46	\$2,528,125	6/1/2023	75	\$2,528,125	\$2,494,417	\$2,511,271	0.71%	\$17,712	(\$4,839)	\$12,873	\$33,708	16.28%	\$2,096	\$5,488	8.84%	\$1,138	\$2,980
47 48	\$2,494,417 \$2,460,708	7/1/2023 8/1/2023	74 73	\$2,494,417 \$2,460,708	\$2,460,708 \$2,427,000	\$2,477,562 \$2,443,854	0.71% 0.71%	\$17,475 \$17,237	(\$4,774) (\$4,709)	\$12,701 \$12,528	\$33,708 \$33,708	16.28% 16.28%	\$2,068 \$2,040	\$5,488 \$5,488	8.84% 8.84%	\$1,123 \$1,107	\$2,980 \$2,980
49	\$2,427,000	9/1/2023	72	\$2,427,000	\$2,393,292	\$2,410,146	0.71%	\$16,999	(\$4,644)	\$12,355	\$33,708	16.28%	\$2,011	\$5,488	8.84%	\$1,092	\$2,980
50	\$2,393,292	10/1/2023	71	\$2,393,292	\$2,359,583	\$2,376,437	0.71%	\$16,761	(\$4,579)	\$12,182	\$33,708	16.28%	\$1,983	\$5,488	8.84%	\$1,077	\$2,980
51 52	\$2,359,583 \$2,325,875	11/1/2023 12/1/2023	70 69	\$2,359,583 \$2,325,875	\$2,325,875 \$2,292,167	\$2,342,729 \$2,309,021	0.71% 0.71%	\$16,524 \$16,286	(\$4,514) (\$4,449)	\$12,009 \$11,837	\$33,708 \$33,708	16.28% 16.28%	\$1,955 \$1,927	\$5,488 \$5,488	8.84% 8.84%	\$1,062 \$1,046	\$2,980 \$2,980
53	\$2,292,167	1/1/2024	68	\$2,292,167	\$2,258,458	\$2,275,312	0.71%	\$16,048	(\$4,384)	\$11,664	\$33,708	16.28%	\$1,899	\$5,488	8.84%	\$1,031	\$2,980
54 55	\$2,258,458 \$2,224,750	2/1/2024 3/1/2024	67 66	\$2,258,458 \$2,224,750	\$2,224,750 \$2,191,042	\$2,241,604 \$2,207,896	0.71% 0.71%	\$15,810 \$15,573	(\$4,319) (\$4,254)	\$11,491 \$11,318	\$33,708 \$33,708	16.28% 16.28%	\$1,871 \$1,843	\$5,488 \$5,488	8.84% 8.84%	\$1,016 \$1,001	\$2,980 \$2,980
56	\$2,191,042	4/1/2024	65	\$2,191,042	\$2,157,333	\$2,174,188	0.71%	\$15,335	(\$4,190)	\$11,145	\$33,708	16.28%	\$1,814	\$5,488	8.84%	\$985	\$2,980
57 58	\$2,157,333	5/1/2024	64 63	\$2,157,333	\$2,123,625	\$2,140,479	0.71% 0.71%	\$15,097 \$14,859	(\$4,125)	\$10,973 \$10,800	\$33,708	16.28%	\$1,786	\$5,488	8.84% 8.84%	\$970 \$955	\$2,980
59	\$2,123,625 \$2,089,917	6/1/2024 7/1/2024	62	\$2,123,625 \$2,089,917	\$2,089,917 \$2,056,208	\$2,106,771 \$2,073,063	0.71%	\$14,839	(\$4,060) (\$3,995)	\$10,800	\$33,708 \$33,708	16.28% 16.28%	\$1,758 \$1,730	\$5,488 \$5,488	8.84% 8.84%	\$939 \$939	\$2,980 \$2,980
60	\$2,056,208	8/1/2024	61	\$2,056,208	\$2,022,500	\$2,039,354	0.71%	\$14,384	(\$3,930)	\$10,454	\$33,708	16.28%	\$1,702	\$5,488	8.84%	\$924	\$2,980
61 62	\$2,022,500 \$1,988,792	9/1/2024 10/1/2024	60 59	\$2,022,500 \$1,988,792	\$1,988,792 \$1,955,083	\$2,005,646 \$1,971,938	0.71% 0.71%	\$14,146 \$13,908	(\$3,865) (\$3,800)	\$10,281 \$10,109	\$33,708 \$33,708	11.37% 11.37%	\$1,169 \$1,149	\$3,832 \$3,832	6.18% 6.18%	\$635 \$624	\$2,082 \$2,082
63	\$1,955,083	11/1/2024	58	\$1,955,083	\$1,921,375	\$1,938,229	0.71%	\$13,671	(\$3,735)	\$9,936	\$33,708	11.37%	\$1,129	\$3,832	6.18%	\$614	\$2,082
64	\$1,921,375	12/1/2024	57	\$1,921,375	\$1,887,667	\$1,904,521	0.71%	\$13,433	(\$3,670)	\$9,763	\$33,708	11.37%	\$1,110	\$3,832	6.18%	\$603	\$2,082
65 66	\$1,887,667 \$1,853,958	1/1/2025 2/1/2025	56 55	\$1,887,667 \$1,853,958	\$1,853,958 \$1,820,250	\$1,870,813 \$1,837,104	0.71% 0.71%	\$13,195 \$12,957	(\$3,605) (\$3,540)	\$9,590 \$9,417	\$33,708 \$33,708	11.37% 11.37%	\$1,090 \$1,070	\$3,832 \$3,832	6.18% 6.18%	\$592 \$582	\$2,082 \$2,082
67	\$1,820,250	3/1/2025	54	\$1,820,250	\$1,786,542	\$1,803,396	0.71%	\$12,720	(\$3,475)	\$9,245	\$33,708	11.37%	\$1,051	\$3,832	6.18%	\$571	\$2,082
68 69	\$1,786,542 \$1,752,833	4/1/2025 5/1/2025	53 52	\$1,786,542 \$1,752,833	\$1,752,833 \$1,719,125	\$1,769,688 \$1,735,979	0.71% 0.71%	\$12,482 \$12,244	(\$3,410) (\$3,345)	\$9,072 \$8,899	\$33,708 \$33,708	11.37% 11.37%	\$1,031 \$1,012	\$3,832 \$3,832	6.18% 6.18%	\$560 \$550	\$2,082 \$2,082
70	\$1,719,125	6/1/2025	51	\$1,719,125	\$1,685,417	\$1,702,271	0.71%	\$12,006	(\$3,280)	\$8,726	\$33,708	11.37%	\$992	\$3,832	6.18%	\$539	\$2,082
71	\$1,685,417	7/1/2025	50	\$1,685,417	\$1,651,708	\$1,668,563	0.71%	\$11,769	(\$3,215)	\$8,553	\$33,708	11.37%	\$972	\$3,832	6.18%	\$528	\$2,082
72 73	\$1,651,708 \$1,618,000	8/1/2025 9/1/2025	49 48	\$1,651,708 \$1,618,000	\$1,618,000 \$1,584,292	\$1,634,854 \$1,601,146	0.71% 0.71%	\$11,531 \$11,293	(\$3,150) (\$3,085)	\$8,381 \$8,208	\$33,708 \$33,708	11.37% 11.37%	\$953 \$933	\$3,832 \$3,832	6.18% 6.18%	\$518 \$507	\$2,082 \$2,082
74	\$1,584,292	10/1/2025	47	\$1,584,292	\$1,550,583	\$1,567,438	0.71%	\$11,055	(\$3,020)	\$8,035	\$33,708	11.37%	\$913	\$3,832	6.18%	\$496	\$2,082
75	\$1,550,583	11/1/2025	46	\$1,550,583	\$1,516,875	\$1,533,729	0.71%	\$10,818	(\$2,955)	\$7,862	\$33,708	11.37%	\$894	\$3,832	6.18%	\$486	\$2,082

MASSACHUSETTS IMPLEMENTATION AFTER 5 YEARS

WI BOTTOTO I'M LE													Narragansett	Narragansett		Narragansett	Narragansett
T N	T-4-1 C1		Amortization	Beginning	Ending	Average	Service Co	Rate Year	RY Return on	T-4-1 D-4	Rate Year	Narragansett		Electric RY Rent -		Gas RY Rent	Gas RY Rent -
Investment Name 76	Total Spend \$1,516,875	In Service Date 12/1/2025	Period 45	Balance \$1,516,875	Balance \$1,483,167	Balance \$1,500,021	Return 0.71%	Return \$10,580	Accum Taxes (\$2,890)	Total Return \$7,689	Amortization \$33,708	Electric 11.37%	Return \$874	Depn \$3,832	Gas 6.18%	Return \$475	Depn \$2,082
77	\$1,483,167	1/1/2026	43	\$1,483,167	\$1,449,458	\$1,466,313	0.71%	\$10,342	(\$2,825)	\$7,517	\$33,708	11.37%	\$854	\$3,832	6.18%	\$464	\$2,082
78	\$1,449,458	2/1/2026	43	\$1,449,458	\$1,415,750	\$1,432,604	0.71%	\$10,104	(\$2,761)	\$7,344	\$33,708	11.37%	\$835	\$3,832	6.18%	\$454	\$2,082
79	\$1,415,750	3/1/2026	42	\$1,415,750	\$1,382,042	\$1,398,896	0.71%	\$9,867	(\$2,696)	\$7,171	\$33,708	11.37%	\$815	\$3,832	6.18%	\$443	\$2,082
80	\$1,382,042	4/1/2026	41	\$1,382,042	\$1,348,333	\$1,365,188	0.71%	\$9,629	(\$2,631)	\$6,998	\$33,708	11.37%	\$795	\$3,832	6.18%	\$432	\$2,082
81	\$1,348,333	5/1/2026	40	\$1,348,333	\$1,314,625	\$1,331,479	0.71%	\$9,391	(\$2,566)	\$6,826	\$33,708	11.37%	\$776	\$3,832	6.18%	\$422	\$2,082
82	\$1,314,625	6/1/2026	39	\$1,314,625	\$1,280,917	\$1,297,771	0.71%	\$9,153	(\$2,501)	\$6,653	\$33,708	11.37%	\$756	\$3,832	6.18%	\$411	\$2,082
83	\$1,280,917	7/1/2026	38	\$1,280,917	\$1,247,208	\$1,264,063	0.71%	\$8,916	(\$2,436)	\$6,480	\$33,708	11.37%	\$737	\$3,832	6.18%	\$400	\$2,082
84	\$1,247,208	8/1/2026	37	\$1,247,208	\$1,213,500	\$1,230,354	0.71%	\$8,678	(\$2,371)	\$6,307	\$33,708	11.37%	\$717	\$3,832	6.18%	\$390	\$2,082
85	\$1,213,500	9/1/2026	36	\$1,213,500	\$1,179,792	\$1,196,646	0.71%	\$8,440	(\$2,306)	\$6,134	\$33,708	11.37%	\$697	\$3,832	6.18%	\$379	\$2,082
86	\$1,179,792	10/1/2026	35	\$1,179,792	\$1,146,083	\$1,162,938	0.71%	\$8,202	(\$2,241)	\$5,962	\$33,708	11.37%	\$678	\$3,832	6.18%	\$368	\$2,082
87	\$1,146,083	11/1/2026	34	\$1,146,083	\$1,112,375	\$1,129,229	0.71%	\$7,965	(\$2,176)	\$5,789	\$33,708	11.37%	\$658	\$3,832	6.18%	\$358	\$2,082
88	\$1,112,375	12/1/2026	33	\$1,112,375	\$1,078,667	\$1,095,521	0.71%	\$7,727	(\$2,111)	\$5,616	\$33,708	11.37%	\$638	\$3,832	6.18%	\$347	\$2,082
89	\$1,078,667	1/1/2027	32	\$1,078,667	\$1,044,958	\$1,061,813	0.71%	\$7,489	(\$2,046)	\$5,443	\$33,708	11.37%	\$619	\$3,832	6.18%	\$336	\$2,082
90	\$1,044,958	2/1/2027	31	\$1,044,958	\$1,011,250	\$1,028,104	0.71%	\$7,251	(\$1,981)	\$5,270	\$33,708	11.37%	\$599	\$3,832	6.18%	\$326	\$2,082
91	\$1,011,250	3/1/2027	30	\$1,011,250	\$977,542	\$994,396	0.71%	\$7,014	(\$1,916)	\$5,098	\$33,708	11.37%	\$579	\$3,832	6.18%	\$315	\$2,082
92	\$977,542	4/1/2027	29	\$977,542	\$943,833	\$960,687	0.71%	\$6,776	(\$1,851)	\$4,925	\$33,708	11.37%	\$560	\$3,832	6.18%	\$304	\$2,082
93	\$943,833	5/1/2027	28	\$943,833	\$910,125	\$926,979	0.71%	\$6,538	(\$1,786)	\$4,752	\$33,708	11.37%	\$540	\$3,832	6.18%	\$294	\$2,082
94	\$910,125	6/1/2027	27	\$910,125	\$876,417	\$893,271	0.71%	\$6,300	(\$1,721)	\$4,579	\$33,708	11.37%	\$521	\$3,832	6.18%	\$283	\$2,082
95	\$876,417	7/1/2027	26	\$876,417	\$842,708	\$859,562	0.71%	\$6,063	(\$1,656)	\$4,406	\$33,708	11.37%	\$501	\$3,832	6.18%	\$272	\$2,082
96	\$842,708	8/1/2027	25	\$842,708	\$809,000	\$825,854	0.71%	\$5,825	(\$1,591)	\$4,234	\$33,708	11.37%	\$481	\$3,832	6.18%	\$262	\$2,082
97	\$809,000	9/1/2027	24	\$809,000	\$775,292	\$792,146	0.71%	\$5,587	(\$1,526)	\$4,061	\$33,708	11.37%	\$462	\$3,832	6.18%	\$251	\$2,082
98	\$775,292	10/1/2027	23	\$775,292	\$741,583	\$758,437	0.71%	\$5,349	(\$1,461)	\$3,888	\$33,708	11.37%	\$442	\$3,832	6.18%	\$240	\$2,082
99	\$741,583	11/1/2027	22	\$741,583	\$707,875	\$724,729	0.71%	\$5,112	(\$1,397)	\$3,715	\$33,708	11.37%	\$422	\$3,832	6.18%	\$229	\$2,082
100	\$707,875	12/1/2027	21	\$707,875	\$674,167	\$691,021	0.71%	\$4,874	(\$1,332)	\$3,542	\$33,708	11.37%	\$403	\$3,832	6.18%	\$219	\$2,082
101	\$674,167	1/1/2028	20	\$674,167	\$640,458	\$657,312	0.71%	\$4,636	(\$1,267)	\$3,370	\$33,708	11.37%	\$383	\$3,832	6.18%	\$208	\$2,082
102	\$640,458	2/1/2028	19	\$640,458	\$606,750	\$623,604	0.71%	\$4,398	(\$1,202)	\$3,197	\$33,708	11.37%	\$363	\$3,832	6.18%	\$197	\$2,082
103	\$606,750	3/1/2028	18	\$606,750	\$573,042	\$589,896	0.71%	\$4,161	(\$1,137)	\$3,024	\$33,708	11.37%	\$344	\$3,832	6.18%	\$187	\$2,082
104	\$573,042	4/1/2028	17	\$573,042	\$539,333	\$556,187	0.71%	\$3,923	(\$1,072)	\$2,851	\$33,708	11.37%	\$324	\$3,832	6.18%	\$176	\$2,082
105	\$539,333	5/1/2028	16	\$539,333	\$505,625	\$522,479	0.71%	\$3,685	(\$1,007)	\$2,678	\$33,708	11.37%	\$304	\$3,832	6.18%	\$165	\$2,082
106	\$505,625	6/1/2028	15	\$505,625	\$471,917	\$488,771	0.71%	\$3,447	(\$942)	\$2,506	\$33,708	11.37%	\$285	\$3,832	6.18%	\$155	\$2,082
107	\$471,917	7/1/2028	14	\$471,917	\$438,208	\$455,062	0.71%	\$3,210	(\$877)	\$2,333	\$33,708	11.37%	\$265	\$3,832	6.18%	\$144	\$2,082
108	\$438,208	8/1/2028	13	\$438,208	\$404,500	\$421,354	0.71%	\$2,972	(\$812)	\$2,160	\$33,708	11.37%	\$246	\$3,832	6.18%	\$133	\$2,082
109	\$404,500	9/1/2028	12	\$404,500	\$370,792	\$387,646	0.71%	\$2,734	(\$747)	\$1,987	\$33,708	11.37%	\$226	\$3,832	6.18%	\$123	\$2,082
110	\$370,792	10/1/2028	11 10	\$370,792	\$337,083	\$353,937	0.71%	\$2,496 \$2,259	(\$682)	\$1,814	\$33,708	11.37%	\$206	\$3,832	6.18%	\$112	\$2,082 \$2,082
111	\$337,083	11/1/2028	10	\$337,083	\$303,375	\$320,229	0.71%	\$2,239	(\$617)	\$1,642	\$33,708 \$33,708	11.37%	\$187	\$3,832	6.18% 6.18%	\$101	\$2,082 \$2,082
112 113	\$303,375 \$269,667	12/1/2028 1/1/2029	8	\$303,375 \$269,667	\$269,667 \$235,958	\$286,521 \$252,813	0.71% 0.71%	\$1,783	(\$552) (\$487)	\$1,469 \$1,296	\$33,708	11.37% 11.37%	\$167 \$147	\$3,832 \$3,832	6.18%	\$91 \$80	\$2,082 \$2,082
	\$209,007	2/1/2029	8 7	\$269,667 \$235,958	\$235,958 \$202,250	\$252,813	0.71%	\$1,783 \$1,545	(\$487)			11.37%	\$147 \$128	\$3,832 \$3,832	6.18%	\$80 \$69	\$2,082 \$2,082
114 115	\$235,958 \$202,250	3/1/2029	6	\$235,958	\$202,250 \$168,542	\$219,104 \$185,396	0.71%	\$1,345	(\$422)	\$1,123 \$950	\$33,708 \$33,708	11.37%	\$128 \$108	\$3,832 \$3,832	6.18%	\$59 \$59	\$2,082 \$2,082
116	\$202,250 \$168,542	3/1/2029 4/1/2029	5	\$202,250 \$168,542	\$168,542 \$134,833	\$185,396	0.71%	\$1,308	(\$292)	\$950 \$778	\$33,708	11.37%	\$108	\$3,832 \$3,832	6.18%	\$59 \$48	\$2,082 \$2,082
117	\$168,542 \$134.833	5/1/2029	3	\$168,542 \$134.833	\$134,833 \$101.125	\$151,688	0.71%	\$1,070	(\$292)	\$//8 \$605	\$33,708	11.37%	\$88 \$69	\$3,832 \$3,832	6.18%	\$48 \$37	\$2,082 \$2,082
	\$134,833 \$101,125	6/1/2029	3	\$134,833 \$101,125	\$67,417	\$84,271	0.71%	\$832 \$594	(\$227)	\$432	\$33,708	11.37%	\$49	\$3,832 \$3,832	6.18%	\$37 \$27	\$2,082 \$2,082
118 119	\$67,417	7/1/2029	2	\$67,417	\$33,708	\$50,562	0.71%	\$394	(\$162)	\$259	\$33,708	11.37%	\$29	\$3,832	6.18%	\$27 \$16	\$2,082
120	\$33,708	8/1/2029	1	\$33,708	\$55,708	\$16,854	0.71%	\$119	(\$32)	\$239 \$86	\$33,708	11.37%	\$10	\$3,832	6.18%	\$16 \$5	\$2,082
120	\$33,708	6/1/2029	1	\$33,708	30	\$10,634	0.7170	\$119	(\$32)	300	\$33,708	11.5/70	\$10	33,632	0.16%	33	\$2,082