

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 Program | \$1.954M | \$2.046M | \$2.143M | \$2.245M |

(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 multi-jurisdictional 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 Code | SAP Co./Seg | Company Description | FY 2018 Number of Installed 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:

$$\begin{aligned}\text{Step 1: } & 1,718,053 + 639,493 = 2,357,546 \\ \text{Step 2: } & 512,318 + 278,403 = 790,721 \\ \text{Step 3: } & 790,721 / (2,357,546 + 790,721) = 25.12 \text{ percent}\end{aligned}$$

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)

| # | Description | Category | Group | NPV | FY 20 | FY 21 | FY 22 | 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 | \$ - | \$ 9.25 | \$ 19.08 | \$ - |
| 104 | AMF failed meter replacement cost | Capex | Equipment and Installation Refresh Cost | \$0.89 | \$ - | \$ 0.03 | \$ 0.09 | \$ 1.86 |
| 105 | AMF demonstration period cost | Opex | AMF Electric Meter Equipment and Installation | \$1.43 | \$ 1.54 | \$ - | \$ - | \$ - |
| 110 | AMF network engineering, design, contracting cost | Capex | Network Equipment and Installation | \$0.10 | \$ 0.10 | \$ - | \$ - | \$ - |
| 111 | Network communications equipment cost, Electric Meters | Capex | Network Equipment and Installation | \$1.29 | \$ - | \$ 0.51 | \$ 1.05 | \$ - |
| 112 | Network communications equipment cost, Gas Meters | Capex | Network Equipment and Installation | \$0.18 | \$ - | \$ 0.07 | \$ 0.15 | \$ - |
| 113 | Network communications installation cost, Electric Meters | Capex | Network Equipment and Installation | \$0.10 | \$ - | \$ 0.04 | \$ 0.09 | \$ - |
| 114 | Network communications installation cost, Gas Meters | Capex | Network Equipment and Installation | \$0.01 | \$ - | \$ 0.01 | \$ 0.01 | \$ - |
| 115 | Network communications LTE backhaul cost, Electric Meters | Opex | Backhaul | \$0.95 | \$ - | \$ 0.03 | \$ 0.09 | \$ 2.00 |
| 116 | Network communications LTE backhaul cost, Gas Meters | Opex | Backhaul | \$0.11 | \$ - | \$ 0.00 | \$ 0.00 | \$ 2.00 |
| 117 | AMF meter cellular service cost, Electric Meters | Opex | Equipment and Installation Refresh Cost | \$1.55 | \$ - | \$ 0.05 | \$ 0.15 | \$ 3.25 |
| 118 | Network communications equipment cost upgrade | Capex | Network Equipment and Installation | \$1.14 | \$ - | \$ - | \$ - | \$ 2.35 |
| 119 | AMF communications failed equipment replacement cost | Capex | Equipment and Installation Refresh Cost | \$0.19 | \$ - | \$ - | \$ 0.01 | \$ 0.42 |
| 120 | AMF communications equipment O&M cost (outside warranty) | 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 | \$ - | \$ - |
| 123 | Cost from call center and AMO, implementation | Opex | Project Management | \$4.87 | \$ - | \$ 2.15 | \$ 3.74 | \$ - |
| 124 | AMF Internal Project Management Leadership Staff - Capex portion | Capex | Project Management | \$0.72 | \$ - | \$ 0.42 | \$ 0.44 | \$ - |
| 125 | AMF Internal Project Management Business Support - Capex portion | Capex | Project Management | \$2.42 | \$ 1.28 | \$ 1.42 | \$ - | \$ - |
| 126 | AMF electric meter installation cost - COR portion | COR | AMF Electric Meter Equipment and Installation | \$0.72 | \$ - | \$ 0.29 | \$ 0.59 | \$ - |
| 128 | AMF External Project Management labor cost - Opex portion | Opex | Project Management | \$1.83 | \$ 1.97 | \$ - | \$ - | \$ - |
| 129 | AMF Internal Project Management Leadership Staff - Opex portion | Opex | Project Management | \$0.38 | \$ 0.41 | \$ - | \$ - | \$ - |
| 130 | AMF Internal Project Management Business Support - Opex portion | Opex | Project Management | \$1.28 | \$ 1.38 | \$ - | \$ - | \$ - |
| 134 | AMF inventory equipment cost | Capex | AMF Inventory | \$1.26 | \$ - | \$ 0.50 | \$ 1.00 | \$ - |
| 135 | Professional Services - Field Deployment Support Workstream cost | Capex | Communication Network Installation Management | \$3.21 | \$ - | \$ 0.42 | \$ 2.03 | \$ 1.65 |
| 136 | Professional Services - Field Deployment Support Workstream Travel Expenses cost | Opex | Communication Network Installation Management | \$0.48 | \$ - | \$ 0.06 | \$ 0.30 | \$ 0.25 |
| 201 | Back-Office Revenue Assurance Analyst cost | Opex | Ongoing Business Management | \$0.00 | \$ - | \$ - | \$ - | \$ - |
| 202 | Cost of theft investigations | Opex | Ongoing Business Management | \$0.00 | \$ - | \$ - | \$ - | \$ - |
| 203 | CMS Deployment Center, Facility cost | Capex | Support Infrastructure | \$1.35 | \$ - | \$ 1.06 | \$ 0.54 | \$ - |
| 204 | CMS Back-Office & Clerical cost | Capex | Support Infrastructure | \$1.86 | \$ - | \$ 1.46 | \$ 0.75 | \$ - |
| 205 | Service Representative Tools / Uniform cost | Capex | Support Infrastructure | \$0.19 | \$ - | \$ 0.16 | \$ 0.06 | \$ - |
| 206 | Installed meter Quality Assurance / Quality Check cost | Capex | Support Infrastructure | \$0.61 | \$ - | \$ 0.48 | \$ 0.25 | \$ - |
| 207 | CMS Deployment Coordination Labor cost | Capex | Support Infrastructure | \$0.82 | \$ - | \$ 0.64 | \$ 0.33 | \$ - |
| 208 | CMS Field Installer Initial Training | Capex | Support Infrastructure | \$0.78 | \$ 0.43 | \$ 0.44 | \$ - | \$ - |
| 209 | CMS Cellular Communication cost | Capex | Support Infrastructure | \$0.06 | \$ - | \$ 0.04 | \$ 0.02 | \$ - |
| 210 | Handheld Devices cost | Capex | Support Infrastructure | \$0.05 | \$ - | \$ 0.06 | \$ - | \$ - |
| 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 | \$ 0.49 | \$ 0.17 | \$ - | \$ - |
| 400 | Customer Engagement Plan Cost | Opex | Customer Engagement Cost | \$8.30 | \$ 0.93 | \$ 3.39 | \$ 2.00 | \$ 4.62 |
| 501 | CSS Enhancements Capex Cost | Capex | Customer Service System | | | | | |
| 502 | Professional Services - Head End/MDM Solution Program Management cost | Opex | AMF Head-end and Meter Data Management Systems* | | | | | |
| 503 | Energy Monitoring Portal Opex Cost | Opex | Customer Engagement Products and Services | | | | | |
| 504 | Green Button Connect Capex Cost | Capex | Customer Engagement Products and Services | | | | | |
| 513 | Telecom Capex cost | Capex | IS Infrastructure | | | | | |
| 514 | ESB Capex cost | Capex | IS Infrastructure | | | | | |
| 516 | Information Management Capex cost | Capex | IS Infrastructure | | | | | |
| 517 | Data Lake Capex cost | Capex | IS Infrastructure | | | | | |
| 518 | Professional Services - Head End/MDM Systems Implementation Workstream cost | 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* | | | | | |

| # | Description | Category | Group | NPV | FY 20 | FY 21 | FY 22 | FY 23 - FY 39 |
|-------------------------|---|----------|---|-----------|----------|----------|----------|---------------|
| COSTS (COMBINED) | | | | | | | | |
| 520 | SaaS Fees - Headend Software (OWOCCM, OWOC PM, IEE MDM, IoT FND, FDM) cost | Opex | AMF Head-end and Meter Data Management Systems* | \$7.31 | \$ 4.29 | \$ 2.52 | \$ 1.41 | \$ - |
| 521 | Professional Services - System and Meter Firmware Upgrade cost | Opex | AMF Head-end and Meter Data Management Systems* | \$3.26 | \$ 2.01 | \$ 1.04 | \$ 0.60 | \$ - |
| 522 | Telecom Opex cost | Opex | IS Infrastructure | \$5.25 | \$ 0.03 | \$ 0.16 | \$ 0.37 | \$ 11.63 |
| 523 | Telecom RTB Cost | Opex | IS Infrastructure | \$7.91 | \$ - | \$ - | \$ - | \$ 18.94 |
| 524 | ESB Opex cost | Opex | IS Infrastructure | \$3.94 | \$ - | \$ - | \$ 0.00 | \$ 8.85 |
| 525 | ESB RTB Cost | Opex | IS Infrastructure | | | | | |
| 526 | Data Lake Opex cost | Opex | AMF Head-end and Meter Data Management Systems* | | | | | |
| 527 | Professional Services - Head End/MDM Solution Program Management Travel Expenses cc | Opex | AMF Head-end and Meter Data Management Systems* | | | | | |
| 528 | Professional Services - Head End/MDM Systems Implementation Workstream Travel Expen | Opex | Customer Engagement Products and Services | | | | | |
| 529 | Green Button Connect Opex Cost | Opex | IS Infrastructure | | | | | |
| 530 | Information Management Opex cost | Opex | IS Infrastructure | | | | | |
| 531 | Information Management RTB Cost | Opex | Customer Engagement Products and Services | | | | | |
| 532 | Energy Monitoring Portal RTB Cost | Opex | Customer Service System | | | | | |
| 533 | CSS Enhancements Opex Cost | Opex | Customer Service System | | | | | |
| 534 | CSS Enhancements RTB Cost | Opex | Customer Engagement Products and Services | | | | | |
| 535 | Green Button Connect RTB Cost | Opex | IS Infrastructure | | | | | |
| 536 | Data Lake RTB cost | Opex | IS Infrastructure | | | | | |
| 600 | Cyber Security Project Capex Initial | Capex | Cyber Security | \$299.75 | \$ 32.55 | \$ 62.32 | \$ 85.70 | \$ 246.74 |
| 601 | Cyber Security Project Opex Initial | Opex | Cyber Security | \$93.43 | \$ 2.30 | \$ 39.23 | \$ 67.10 | \$ 6.28 |
| 602 | Cyber Security Project RTB O&M | Opex | Cyber Security | \$27.81 | \$ 6.22 | \$ 6.20 | \$ 7.33 | \$ 22.97 |
| 603 | Cyber Security Refresh / Removal Capital | Capex | Cyber Security | \$121.24 | \$ 8.53 | \$ 45.43 | \$ 74.44 | \$ 29.25 |
| 604 | Cyber Security Capital Refresh / Removal Opex | Opex | Cyber Security | | | | | |
| | Total Cost | | | \$ 299.75 | \$ 32.55 | \$ 62.32 | \$ 85.70 | \$ 246.74 |
| | 100-400's | | | | | | | |
| | Capex | | | \$ 93.43 | \$ 2.30 | \$ 39.23 | \$ 67.10 | \$ 6.28 |
| | Opex | | | \$ 27.81 | \$ 6.22 | \$ 6.20 | \$ 7.33 | \$ 22.97 |
| | Total | | | \$ 121.24 | \$ 8.53 | \$ 45.43 | \$ 74.44 | \$ 29.25 |
| | 500's | | | | | | | |
| | Capex | | | \$ 20.47 | \$ 10.58 | \$ 7.60 | \$ 1.17 | \$ 6.35 |
| | Opex | | | \$ 89.65 | \$ 7.12 | \$ 5.29 | \$ 7.12 | \$ 171.71 |
| | Total | | | \$ 110.12 | \$ 17.69 | \$ 12.89 | \$ 8.29 | \$ 178.07 |
| | 600's | | | | | | | |
| | Capex | | | \$ 15.22 | \$ 4.29 | \$ 2.52 | \$ 1.41 | \$ 18.94 |
| | Opex | | | \$ 12.45 | \$ 2.04 | \$ 1.20 | \$ 0.97 | \$ 20.49 |
| | Total | | | \$ 27.67 | \$ 6.33 | \$ 3.72 | \$ 2.39 | \$ 39.42 |
| | Total Capex | | | \$ 129.11 | \$ 17.17 | \$ 49.35 | \$ 69.68 | \$ 31.57 |
| | Total Open | | | \$ 129.91 | \$ 15.38 | \$ 12.68 | \$ 15.43 | \$ 215.17 |

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
Responses to Division's Twenty-Third Set of Data Requests
Issued February 12, 2018

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

| Activities | Scope | Required Functions | | | | | | | | | | | | | |
|--|---|----------------------|----------------------|----------------------|------------------------|---------------------|---------------------|----------------------|----------------------|---------------------|---------------------|----------------------|---------------------|---------------------|------------------------|
| | | Project Lead/Staff | Procurement | IS | 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 | X | X | X | X | AN | X | X | 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 | | | | X | X | X | X | X | X | X | | | |
| Organization and Process Change Assessment (Day-1 Readiness related) | Identify organization and process impacts | X | | | X | X | X | X | | X | X | X | | X | |
| Procurement | RFP SaaS vs own, Multi-comp | X | X | X | X | X | X | X | X | X | X | X | | 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

| Activities | Scope | Required Functions | | | | | | | | | | | | | Total |
|--|---|----------------------|----------------------|----------------------|-------------------------|---------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|----------------------|------------------------|------------------------|
| | | Project Lead/Staff | Procurement | IS | Cyber/ Digital Security | Meter Eng. | MDS | NES/ Customer | Pricing/Regulatory | CMS | Telecom | Meter Asset Mgmt. | Legal | Consultants | |
| Stakeholder Collaboration | <ul style="list-style-type: none"> Meeting preparation , documentation, follow-up Input to detailed plan elements Options development & analysis | X | AN | X | AN | X | X | X | X | X | AN | X | X | X | |
| Customer Engagement Plan | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Measures/frequency Customer surveys | X | | | | | X | X | X | X | | | | | |
| Meter deployment plan | <ul style="list-style-type: none"> Geographic plan/logistics | X | | | | X | X | X | X | X | X | X | | | |
| Organization and Process Change Assessment (Day-1 Readiness related) | <ul style="list-style-type: none"> Identify organization and process impacts | X | | | X | X | X | X | | X | X | X | | X | |
| Procurement | <ul style="list-style-type: none"> RFP SaaS vs own, Multi-comp | X | X | X | X | X | X | X | X | X | X | X | | X | |
| Business Case/BCA filing | <ul style="list-style-type: none"> Revised business case | X | | | | | | X | X | | | X | X | | |
| FTEs | <ul style="list-style-type: none"> 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.)

| 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 | Narragansett Electric RY Rent Return | Narragansett 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 | | \$3,977,583 | 11/1/2019 | 118 | \$3,977,583 | \$3,943,875 | \$3,960,729 | 0.71% | \$27,936 | (\$7,632) | \$20,304 | \$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 | 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 | 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 |
| 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 | | \$3,741,625 | 6/1/2020 | 111 | \$3,741,625 | \$3,707,917 | \$3,724,771 | 0.71% | \$26,272 | (\$7,177) | \$19,094 | \$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 | | \$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 | | \$3,573,083 | 11/1/2020 | 106 | \$3,573,083 | \$3,539,375 | \$3,556,229 | 0.71% | \$25,083 | (\$6,853) | \$18,230 | \$33,708 | 16.28% | \$2,968 | \$5,488 | 8.84% | \$1,612 | \$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 | | \$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 | 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 | | \$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% | \$2,771 | \$5,488 | 8.84% | \$1,505 | \$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 | | \$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 | 16.28% | \$2,630 | \$5,488 | 8.84% | \$1,428 | \$2,980 |
| 28 | | \$3,134,875 | 12/1/2021 | 93 | \$3,134,875 | \$3,101,167 | \$3,118,021 | 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 | | \$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 | | \$2,966,333 | 5/1/2022 | 88 | \$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% | \$1,337 | \$2,980 |
| 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 | 16.28% | \$2,433 | \$5,488 | 8.84% | \$1,321 | \$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 | \$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 | | \$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 | | \$2,730,375 | 12/1/2022 | 81 | \$2,730,375 | \$2,696,667 | \$2,713,521 | 0.71% | \$19,139 | (\$5,229) | \$13,910 | \$33,708 | 16.28% | \$2,265 | \$5,488 | 8.84% | \$1,230 | \$2,980 |
| 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 | 16.28% | \$2,236 | \$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 | 76 | \$2,561,833 | \$2,528,125 | \$2,544,979 | 0.71% | \$17,950 | (\$4,904) | \$13,046 | \$33,708 | 16.28% | \$2,124 | \$5,488 | 8.84% | \$1,153 | \$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 | | \$2,494,417 | 7/1/2023 | 74 | \$2,494,417 | \$2,460,708 | \$2,477,562 | 0.71% | \$17,474 | (\$4,774) | \$12,701 | \$33,708 | 16.28% | \$2,068 | \$5,488 | 8.84% | \$1,123 | \$2,980 |
| 48 | | \$2,460,708 | 8/1/2023 | 73 | \$2,460,708 | \$2,427,000 | \$2,443,854 | 0.71% | \$17,237 | (\$4,709) | \$12,528 | \$33,708 | 16.28% | \$2,040 | \$5,488 | 8.84% | \$1,107 | \$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 | | \$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 | 16.28% | \$1,927 | \$5,488 | 8.84% | \$1,046 | \$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 | | \$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 | | \$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 | 16.28% | \$1,730 | \$5,488 | 8.84% | \$939 | \$2,980 |

| 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 | Narragansett | Narragansett | Narragansett Gas | Narragansett | Narragansett |
|--------------------|-------------|-----------------|------------------------|----------------------|-------------------|--------------------|----------------------|---------------------|-----------------------------|-----------------|---------------------------|--------------------------|----------------------------|----------------------------|---------------------|-----------------------|-----------------------|
| | | | | | | | | | | | | | Electric RY Rent Return | Electric RY Rent - Depn | | Gas RY Rent Return | Gas RY Rent - 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 | \$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 | 16.28% | \$1,055 | \$5,488 | 8.84% | \$573 | \$2,980 |
| 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 | 16.28% | \$1,027 | \$5,488 | 8.84% | \$558 | \$2,980 |
| 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 | 16.28% | \$999 | \$5,488 | 8.84% | \$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% | \$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 | 15 | \$505,625 | \$471,917 | \$488,771 | 0.71% | \$3,447 | (\$942) | \$2,506 | \$33,708 | 16.28% | \$408 | \$5,488 | 8.84% | \$221 | \$2,980 |
| 107 | \$471,917 | 7/1/2028 | 14 | \$471,917 | \$438,208 | \$455,062 | 0.71% | \$3,210 | (\$877) | \$2,333 | \$33,708 | 16.28% | \$380 | \$5,488 | 8.84% | \$206 | \$2,980 |
| 108 | \$438,208 | 8/1/2028 | 13 | \$438,208 | \$404,500 | \$421,354 | 0.71% | \$2,972 | (\$812) | \$2,160 | \$33,708 | 16.28% | \$352 | \$5,488 | 8.84% | \$191 | \$2,980 |
| 109 | \$404,500 | 9/1/2028 | 12 | \$404,500 | \$370,792 | \$387,646 | 0.71% | \$2,734 | (\$747) | \$1,987 | \$33,708 | 16.28% | \$324 | \$5,488 | 8.84% | \$176 | \$2,980 |
| 110 | \$370,792 | 10/1/2028 | 11 | \$370,792 | \$337,083 | \$353,937 | 0.71% | \$2,496 | (\$682) | \$1,814 | \$33,708 | 16.28% | \$295 | \$5,488 | 8.84% | \$160 | \$2,980 |
| 111 | \$337,083 | 11/1/2028 | 10 | \$337,083 | \$303,375 | \$320,229 | 0.71% | \$2,259 | (\$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 |

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4770
Responses to Division's Twenty-Third Set of Data Requests
Issued February 12, 2018

| | | | |
|-------|-----------|-----------|-------------|
| 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

| Investment Name | Total Spend | In Service Date | Amortization Period | Beginning Balance | Ending Balance | Average Balance | Service Co Return | Rate Year Return | RY Return on Accm Taxes | Total Return | Rate Year Amortization | Narragansett Electric | Narragansett Electric RY Rent Return | Narragansett Electric RY Rent - Depn | Narragansett Gas RY Rent Return | Narragansett Gas RY Rent - Depn |
|-----------------|-------------|-----------------|---------------------|-------------------|----------------|-----------------|-------------------|------------------|-------------------------|--------------|------------------------|-----------------------|--------------------------------------|--------------------------------------|---------------------------------|---------------------------------|
| 1 AMI Study | \$4,045,000 | 9/2/2019 | | \$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 | \$1,825 | \$2,980 |
| 2 | \$4,011,292 | 10/1/2019 | 120 | \$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 | \$1,810 | \$2,980 |
| 3 | \$3,977,583 | 11/1/2019 | 118 | \$3,977,583 | \$3,943,875 | \$3,960,729 | 0.71% | \$27,936 | (\$7,632) | \$20,304 | \$33,708 | 16.28% | \$3,305 | \$5,488 | \$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 | \$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 | \$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 | \$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 | \$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 | \$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 | \$1,703 | \$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) | \$19,094 | \$33,708 | 16.28% | \$3,109 | \$5,488 | \$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 | \$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 | \$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 | \$1,642 | \$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 | \$1,627 | \$2,980 |
| 15 | \$3,573,083 | 11/1/2020 | 106 | \$3,573,083 | \$3,539,375 | \$3,556,229 | 0.71% | \$25,083 | (\$6,853) | \$18,230 | \$33,708 | 16.28% | \$2,968 | \$5,488 | \$1,612 | \$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 | \$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 | \$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 | \$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 | \$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 | \$1,535 | \$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 | \$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% | \$2,771 | \$5,488 | \$1,505 | \$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 | \$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 | \$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 | 11.37% | \$1,876 | \$3,832 | \$1,019 | \$2,082 |
| 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 | 11.37% | \$1,856 | \$3,832 | \$1,009 | \$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 | \$998 | \$2,082 |
| 28 | \$3,134,875 | 12/1/2021 | 93 | \$3,134,875 | \$3,101,167 | \$3,118,021 | 0.71% | \$21,992 | (\$6,008) | \$15,984 | \$33,708 | 11.37% | \$1,817 | \$3,832 | \$987 | \$2,082 |
| 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 | 11.37% | \$1,797 | \$3,832 | \$977 | \$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 | \$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 | \$955 | \$2,082 |
| 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 | 11.37% | \$1,738 | \$3,832 | \$945 | \$2,082 |
| 33 | \$2,966,333 | 5/1/2022 | 88 | \$2,966,333 | \$2,932,625 | \$2,949,479 | 0.71% | \$20,803 | (\$5,683) | \$15,120 | \$33,708 | 11.37% | \$1,719 | \$3,832 | \$934 | \$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 | \$923 | \$2,082 |
| 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 | 11.37% | \$1,679 | \$3,832 | \$913 | \$2,082 |
| 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 | 11.37% | \$1,660 | \$3,832 | \$902 | \$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 | \$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 | \$881 | \$2,082 |
| 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 | 11.37% | \$1,601 | \$3,832 | \$870 | \$2,082 |
| 40 | \$2,730,375 | 12/1/2022 | 81 | \$2,730,375 | \$2,696,667 | \$2,713,521 | 0.71% | \$19,139 | (\$5,229) | \$13,910 | \$33,708 | 11.37% | \$1,581 | \$3,832 | \$859 | \$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 | \$849 | \$2,082 |
| 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 | 11.37% | \$1,542 | \$3,832 | \$838 | \$2,082 |
| 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 | 11.37% | \$1,522 | \$3,832 | \$827 | \$2,082 |
| 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 | 11.37% | \$1,503 | \$3,832 | \$817 | \$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 | \$806 | \$2,082 |
| 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 | 11.37% | \$1,463 | \$3,832 | \$795 | \$2,082 |
| 47 | \$2,494,417 | 7/1/2023 | 74 | \$2,494,417 | \$2,460,708 | \$2,477,562 | 0.71% | \$17,475 | (\$4,774) | \$12,701 | \$33,708 | 11.37% | \$1,444 | \$3,832 | \$784 | \$2,082 |
| 48 | \$2,460,708 | 8/1/2023 | 73 | \$2,460,708 | \$2,427,000 | \$2,443,854 | 0.71% | \$17,237 | (\$4,709) | \$12,528 | \$33,708 | 11.37% | \$1,424 | \$3,832 | \$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 | \$763 | \$2,082 |
| 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 | 11.37% | \$1,385 | \$3,832 | \$752 | \$2,082 |
| 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 | 11.37% | \$1,365 | \$3,832 | \$742 | \$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 | \$731 | \$2,082 |
| 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 | 11.37% | \$1,326 | \$3,832 | \$720 | \$2,082 |
| 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 | 11.37% | \$1,306 | \$3,832 | \$710 | \$2,082 |
| 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 | 11.37% | \$1,287 | \$3,832 | \$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 | \$688 | \$2,082 |
| 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 | 11.37% | \$1,247 | \$3,832 | \$678 | \$2,082 |
| 58 | \$2,123,625 | 6/1/2024 | 63 | \$2,123,625 | \$2,089,917 | \$ | | | | | | | | | | |

MASSACHUSETTS IMPLEMENTATION AFTER 2 YEARS

| 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 | Narragansett Electric RY Rent Return | Narragansett Electric RY Rent - Depn | Narragansett Gas | Narragansett Gas RY Rent Return | Narragansett Gas 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

| 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 | Narragansett Electric RY Rent Return | Narragansett Electric RY Rent - Depn | 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 | \$3,977,583 | 11/1/2019 | 118 | \$3,977,583 | \$3,943,875 | \$3,960,729 | 0.71% | \$27,936 | (\$7,632) | \$20,304 | \$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 | 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 | 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 |
| 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 | \$3,741,625 | 6/1/2020 | 111 | \$3,741,625 | \$3,707,917 | \$3,724,771 | 0.71% | \$26,272 | (\$7,177) | \$19,094 | \$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 | \$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 | \$3,573,083 | 11/1/2020 | 106 | \$3,573,083 | \$3,539,375 | \$3,556,229 | 0.71% | \$25,083 | (\$6,853) | \$18,230 | \$33,708 | 16.28% | \$2,968 | \$5,488 | 8.84% | \$1,612 | \$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 | \$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 | 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 | \$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% | \$2,771 | \$5,488 | 8.84% | \$1,505 | \$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 | \$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 | 16.28% | \$2,630 | \$5,488 | 8.84% | \$1,428 | \$2,980 |
| 28 | \$3,134,875 | 12/1/2021 | 93 | \$3,134,875 | \$3,101,167 | \$3,118,021 | 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 | \$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 | \$2,966,333 | 5/1/2022 | 88 | \$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% | \$1,337 | \$2,980 |
| 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 | 16.28% | \$2,433 | \$5,488 | 8.84% | \$1,321 | \$2,980 |
| 35 | \$2,898,917 | 7/1/2022 | 86 | \$2,898,917 | \$2,865,208 | \$2,882,063 | 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 | \$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 | \$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 | \$2,730,375 | 12/1/2022 | 81 | \$2,730,375 | \$2,696,667 | \$2,713,521 | 0.71% | \$19,139 | (\$5,229) | \$13,910 | \$33,708 | 16.28% | \$2,265 | \$5,488 | 8.84% | \$1,230 | \$2,980 |
| 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 | 16.28% | \$2,236 | \$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 | 76 | \$2,561,833 | \$2,528,125 | \$2,544,979 | 0.71% | \$17,950 | (\$4,904) | \$13,046 | \$33,708 | 16.28% | \$2,124 | \$5,488 | 8.84% | \$1,153 | \$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 | \$2,494,417 | 7/1/2023 | 74 | \$2,494,417 | \$2,460,708 | \$2,477,562 | 0.71% | \$17,475 | (\$4,774) | \$12,701 | \$33,708 | 16.28% | \$2,068 | \$5,488 | 8.84% | \$1,123 | \$2,980 |
| 48 | \$2,460,708 | 8/1/2023 | 73 | \$2,460,708 | \$2,427,000 | \$2,443,854 | 0.71% | \$17,237 | (\$4,709) | \$12,528 | \$33,708 | 16.28% | \$2,040 | \$5,488 | 8.84% | \$1,107 | \$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 | \$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 | 16.28% | \$1,927 | \$5,488 | 8.84% | \$1,046 | \$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 | \$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% | | | | | | | | | | |

MASSACHUSETTS IMPLEMENTATION AFTER 5 YEARS

| 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 | Narragansett | Narragansett | Narragansett Gas | Narragansett | Narragansett |
|-----------------|-------------|-----------------|---------------------|-------------------|----------------|-----------------|-------------------|------------------|--------------------------|--------------|------------------------|-----------------------|-------------------------|-------------------------|------------------|--------------------|--------------------|
| | | | | | | | | | | | | | Electric RY Rent Return | Electric RY Rent - Depn | | Gas RY Rent Return | Gas 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 |