

**Table E-1**  
**National Grid**  
**Electric DSM Funding Sources in 2020 by Sector**  
**\$(000)**

|   | <b>Income Eligible<br/>Residential</b> | <b>Projections by Sector<br/>Non-Income Eligible<br/>Residential</b> | <b>Commercial &amp;<br/>Industrial</b> | <b>Total</b>         |
|---|--|--|--|----------------------|
| (1) <b>Projected Budget (from E-2):</b>   | \$16,813.06                            | \$46,563.94  | \$47,182.69                            | \$110,559.69         |
| <b>Sources of Other Funding:</b>  |  |  |  |                      |
| (2) Projected DSM Commitments at Year-End 2019:   | \$0.00                                 | \$0.00   | \$0.00                                 | \$0.00               |
| (3) Projected Year-End 2019 Fund Balance and Interest:                                  | \$0.00                                 | (\$11,570.60)  | \$8,994.31                             | -\$2,576.28          |
| (4) Projected FCM Payments from ISO-NE:   | \$487.20                               | \$6,564.40   | \$10,430.30                            | \$17,481.76          |
| (5) <b>Total Other Funding:</b>   | \$487.20                               | (\$5,006.20)   | \$19,424.61                            | \$14,905.48          |
| (6) <b>Customer Funding Required:</b>   | \$16,325.86                            | \$51,570.13  | \$27,758.08                            | \$95,654.2           |
| (7) <b>Forecasted kWh Sales:</b>  | <b>198,930,685</b>                     | <b>2,680,571,736</b>   | <b>4,259,222,596</b>                   | <b>7,138,725,018</b> |
| (8) Energy Efficiency Program charge per kWh, excluding uncollectible recovery:         |  |  |  | \$0.01339            |
| (9) Proposed System Reliability Factor per kWh, excluding uncollectible recovery:       |  |  |  | -\$0.00013           |
| (10) Total Proposed Energy Efficiency Charge per kWh, excluding uncollectible recovery: |  |  |  | \$0.01326            |
| (11) Currently Effective Uncollectible Rate   |  |  |  | 1.30%                |
| (12) <b>Energy Efficiency Program charge per kWh, including uncollectible recovery:</b> |  |  |  | \$0.01343            |
| (13) Currently Effective EE Charge  |  |  |  | \$0.01121            |
| (14) Proposed Adjustment to Reflect Fully Reconciling Funding Mechanism                 |  |  |  | \$0.00222            |

## Notes:

- (1) Projected Budget from E-2 includes OER and EERMC costs allocated to each sector based on forecasted sales and RIBB costs allocated to C&I sector.
- (2) DSM Commitments are projects that are under construction with anticipated completion in 2019.
- (3) Fund balance projections include projected revenue and spend through year end with Low Income sector set to \$0 through projected subsidization from other sectors, minus commitments which are illustrated separately on line 2. The Company proposes to refile this table with updated Fund Balance projections on December 2, 2019 as proposed in Section 9(i) of the Plan's Main Text.
- (4) The total projection of FCM revenue is allocated by kWh sales to each sector.
- (5) Line (2) + Line (3) + Line (4)
- (6) Line (1) - Line (5)
- (7) Per Company Forecast
- (8) Line (6) ÷ Line (7), truncated to 5 decimal places
- (9) Truncated to 5 decimal places
- (11) Proposed System Reliability Factor is from the 2020 System Reliability Procurement Plan. Charge reflects projected year-end 2019 fund balance.
- (10) Line (8) + Line (9)
- (11) Uncollectible rate approved in Docket No 4770.
- (12) Line (10) ÷ (1-Line (11), truncated to 5 decimal places
- (13) Currently Effective EE Charge includes System Reliability Factor and uncollectible recovery.
- (14) Line (13) - Line (12)

Table E-2  
National Grid  
2020 Electric Energy Efficiency Program Budget (\$000)

|   | Program Planning & Administration | Marketing        | Rebates and Other Customer Incentives (Non-Delivered Fuel Measures) | Rebates and Other Customer Incentives (Delivered Fuel Measures) | Sales, Technical Assistance & Training | Evaluation & Market Research | Total Performance Incentive | Grand Total        |
|---|-----------------------------------|------------------|---|---|--|------------------------------|-----------------------------|--------------------|
| <b>Non-Income Eligible Residential</b>            |                                   |                  |   |   |  |                              |                             |                    |
| Residential New Construction                      | \$57.9                            | \$2.2            | \$537.19  | \$0.0   | \$326.0                                | \$49.7                       |                             | \$973.1            |
| ENERGY STAR® HVAC                                 | \$68.8                            | \$144.2          | \$1,531.88  | \$311.0   | \$528.8                                | \$20.7                       |                             | \$2,605.3          |
| EnergyWise  | \$350.1                           | \$395.9          | \$8,807.15  | \$5,100.0   | \$1,038.7                              | \$142.0                      |                             | \$15,833.9         |
| EnergyWise Multifamily                            | \$79.5                            | \$43.2           | \$2,190.00  | \$0.0   | \$405.1                                | \$101.8                      |                             | \$2,819.6          |
| ENERGY STAR® Lighting                             | \$336.8                           | \$579.8          | \$13,719.05   | \$0.0   | \$384.1                                | \$117.5                      |                             | \$15,137.3         |
| Residential Consumer Products                     | \$62.6                            | \$521.2          | \$1,093.92  | \$0.0   | \$507.9                                | \$3.1                        |                             | \$2,188.8          |
| Home Energy Reports                               | \$74.0                            | \$10.6           | \$2,540.73  | \$0.0   | \$10.1                                 | \$91.4                       |                             | \$2,726.9          |
| Residential ConnectedSolutions                    | \$13.4                            | \$0.2            | \$317.68  | \$0.0   | \$124.1                                | \$0.0                        |                             | \$455.3            |
| Energy Efficiency Education Programs              | \$0.0                             | \$40.0           | \$0.00  | \$0.0   | \$0.0                                  | \$0.0                        |                             | \$40.0             |
| Residential Pilots                                | \$11.7                            | \$26.0           | \$190.00  | \$0.0   | \$44.0                                 | \$17.0                       |                             | \$288.7            |
| Community Based Initiatives - Residential         | \$29.5                            | \$90.0           | \$84.38   | \$0.0   | \$0.0                                  | \$0.0                        |                             | \$203.9            |
| Comprehensive Marketing - Residential             | \$2.4                             | \$442.4          | \$0.00  | \$0.0   | \$0.0                                  | \$0.0                        |                             | \$444.8            |
| Residential Performance Incentive                 | \$0.0                             | \$0.0            | \$0.00  | \$0.0   | \$0.0                                  | \$0.0                        | \$2,148.7                   | \$2,148.7          |
| <b>Subtotal - Non-Income Eligible Residential</b> | <b>\$1,086.6</b>                  | <b>\$2,295.9</b> | <b>\$31,012.0</b>   | <b>\$5,411.0</b>  | <b>\$3,368.8</b>                       | <b>\$543.2</b>               | <b>\$2,148.7</b>            | <b>\$45,866.2</b>  |
| <b>Income Eligible Residential</b>                |                                   |                  |   |   |  |                              |                             |                    |
| Single Family - Income Eligible Services          | \$284.4                           | \$144.0          | \$7,224.21  | \$2,568.0   | \$2,080.3                              | \$109.6                      |                             | \$12,410.5         |
| Income Eligible Multifamily                       | \$92.2                            | \$9.2            | \$2,928.00  | \$0.0   | \$403.8                                | \$119.5                      |                             | \$3,552.7          |
| Income Eligible Performance Incentive             | \$0.0                             | \$0.0            | \$0.00  | \$0.0   | \$0.0                                  | \$0.0                        | \$798.2                     | \$798.2            |
| <b>Subtotal - Income Eligible Residential</b>     | <b>\$376.6</b>                    | <b>\$153.2</b>   | <b>\$10,152.2</b>   | <b>\$2,568.0</b>  | <b>\$2,484.1</b>                       | <b>\$229.1</b>               | <b>\$798.2</b>              | <b>\$16,761.3</b>  |
| <b>Commercial &amp; Industrial</b>                |                                   |                  |   |   |  |                              |                             |                    |
| Large Commercial New Construction                 | \$185.1                           | \$316.9          | \$3,165.92  | \$0.0   | \$1,227.9                              | \$438.9                      |                             | \$5,334.8          |
| Large Commercial Retrofit                         | \$722.2                           | \$267.1          | \$18,050.57   | \$0.0   | \$4,422.91                             | \$727.5                      |                             | \$24,190.2         |
| Small Business Direct Install                     | \$234.9                           | \$276.5          | \$6,300.00  | \$0.0   | \$300.4                                | \$98.5                       |                             | \$7,210.3          |
| Commercial ConnectedSolutions                     | \$32.4                            | \$1.9            | \$1,715.00  | \$0.0   | \$329.1                                | \$0.0                        |                             | \$2,078.4          |
| Commercial Pilots                                 | \$16.3                            | \$22.0           | \$0.00  | \$0.0   | \$48.0                                 | \$20.0                       |                             | \$106.3            |
| Community Based Initiatives - C&I                 | \$9.8                             | \$28.1           | \$28.13   | \$0.0   | \$0.0                                  | \$0.0                        |                             | \$66.1             |
| Finance Costs                                     | \$0.0                             | \$0.0            | \$5,000.00  | \$0.0   | \$0.0                                  | \$0.0                        |                             | \$5,000.0          |
| Commercial & Industrial Performance Incentive     | \$0.0                             | \$0.0            | \$0.00  | \$0.0   | \$0.0                                  | \$0.0                        | \$2,087.88                  | \$2,087.9          |
| <b>Subtotal - Commercial &amp; Industrial</b>     | <b>\$1,200.8</b>                  | <b>\$912.6</b>   | <b>\$34,259.6</b>   | <b>\$0.0</b>  | <b>\$6,328.3</b>                       | <b>\$1,284.9</b>             | <b>\$2,087.9</b>            | <b>\$46,074.1</b>  |
| <b>Regulatory</b>                                 |                                   |                  |   |   |  |                              |                             |                    |
| OER   | \$929.1                           | \$0.0            | \$0.00  | \$0.00  | \$0.00                                 | \$0.00                       |                             | \$929.1            |
| EERMC   | \$929.1                           | \$0.0            | \$0.00  | \$0.00  | \$0.00                                 | \$0.00                       |                             | \$929.1            |
| <b>Subtotal - Regulatory</b>                      | <b>\$1,858.1</b>                  | <b>\$0.0</b>     | <b>\$0.00</b>   | <b>\$0.00</b>   | <b>\$0.00</b>                          | <b>\$0.00</b>                | <b>\$0.00</b>               | <b>\$1,858.1</b>   |
| <b>Grand Total</b>                                | <b>\$4,522.2</b>                  | <b>\$3,361.7</b> | <b>\$75,423.8</b>   | <b>\$7,979.0</b>  | <b>\$12,181.2</b>                      | <b>\$2,057.2</b>             | <b>\$5,034.7</b>            | <b>\$110,559.7</b> |
| System Reliability Procurement                    |                                   |                  |   |   |  |                              |                             |                    |

Notes:

- (1) 2019 Large Commercial Retrofit Commitments (\$000):
- (2) For more information on Finance Costs, please refer to the 2020 C&I Program Description, Attachment 2.
- (3) OER and EERMC total 2.0% of customers' EE Program Charge collected on Table E-1, minus 2%.
  - \$0 is included in 2020 OER budget for Evaluation and Market Research to comply with Senate Bill 2500, enacted in June 2018. The law requires the OER to hire an energy consulting company or firm to review and confirm reported energy savings.
- (4) Finance Costs include a \$5.0 million transfer to the Rhode Island Infrastructure Bank Efficient Buildings Fund. Finance Costs are detailed in Table E-10.
- (5) System Reliability funds are included for illustrative purposes. They are part of the 2020 System Reliability Procurement Report, filed as a separate docket.
- (6) Rebates and Other Customer Incentives are broken into two columns in order to show the values used in the secondary shareholder incentive mechanism in table E-9

**Table E-3  
National Grid  
Derivation of the 2020 Spending and Implementation Budgets (\$000)**

|   | Proposed 2020 Budget From E-2 | Commitments  | Regulatory Costs | Performance Incentive (Core Mechanism) | Performance Incentive (Secondary Mechanism) | Eligible Sector Spending Budget for Performance Incentive (Core Mechanism) on E-9 | Total Eligible Sector Spending Budget on Customer Incentives for Performance Incentive (Secondary Mechanism) on E-9 | Implementation Expenses for Cost-Effectiveness on E-5 |
|---|-------------------------------|--------------|------------------|--|---|---|---|---|
| <b>Non-Income Eligible Residential</b>            |                               |              |                  |  |   |   |   |   |
| Residential New Construction                      | \$973.1                       |              |                  |  |   |   |   | \$973.1   |
| ENERGY STAR@ HVAC                                 | \$2,605.3                     |              |                  |  |   |   |   | \$2,605.3   |
| EnergyWise  | \$15,833.9                    |              |                  |  |   |   |   | \$15,833.9  |
| EnergyWise Multifamily                            | \$2,819.6                     |              |                  |  |   |   |   | \$2,819.6   |
| ENERGY STAR@ Lighting                             | \$15,137.3                    |              |                  |  |   |   |   | \$15,137.3  |
| Residential Consumer Products                     | \$2,188.8                     |              |                  |  |   |   |   | \$2,188.8   |
| Home Energy Reports                               | \$2,726.9                     |              |                  |  |   |   |   | \$2,726.9   |
| Residential ConnectedSolutions                    | \$455.3                       |              |                  |  |   |   |   | \$455.3   |
| Energy Efficiency Education Programs              | \$40.0                        |              |                  |  |   |   |   | \$40.0  |
| Residential Pilots                                | \$288.7                       |              |                  |  |   |   |   | \$288.7   |
| Community Based Initiatives - Residential         | \$203.9                       |              |                  |  |   |   |   | \$203.9   |
| Comprehensive Marketing - Residential             | \$444.8                       |              |                  |  |   |   |   | \$444.8   |
| Residential Performance Incentive                 | \$2,148.7                     |              |                  | \$1,878.1                              | \$270.6                                     |   |   | \$0.0   |
| <b>Subtotal - Non-Income Eligible Residential</b> | <b>\$45,866.2</b>             | <b>\$0.0</b> | <b>\$0.0</b>     | <b>\$1,878.1</b>                       | <b>\$270.6</b>                              | <b>\$37,562.5</b>   | <b>\$5,411.0</b>  | <b>\$43,717.5</b>                                     |
| <b>Income Eligible Residential</b>                |                               |              |                  |  |   |   |   |   |
| Single Family - Income Eligible Services          | \$12,410.5                    |              |                  |  |   |   |   | \$12,410.5  |
| Income Eligible Multifamily                       | \$3,552.7                     |              |                  |  |   |   |   | \$3,552.7   |
| Income Eligible Performance Incentive             | \$798.2                       |              |                  | \$669.8                                | \$128.4                                     |   |   | \$0.0   |
| <b>Subtotal - Income Eligible Residential</b>     | <b>\$16,761.3</b>             | <b>\$0.0</b> | <b>\$0.0</b>     | <b>\$669.8</b>                         | <b>\$128.4</b>                              | <b>\$13,395.1</b>   | <b>\$2,568.0</b>  | <b>\$15,963.1</b>                                     |
| <b>Commercial &amp; Industrial</b>                |                               |              |                  |  |   |   |   |   |
| Large Commercial New Construction                 | \$5,334.8                     | \$0.0        |                  |  |   |   |   | \$5,334.8   |
| Large Commercial Retrofit                         | \$24,190.2                    | \$0.0        |                  |  |   |   |   | \$24,190.2  |
| Small Business Direct Install                     | \$7,210.3                     | \$0.0        |                  |  |   |   |   | \$7,210.3   |
| Commercial ConnectedSolutions                     | \$2,078.4                     |              |                  |  |   |   |   | \$2,078.4   |
| Commercial Pilots                                 | \$106.3                       |              |                  |  |   |   |   | \$106.3   |
| Community Based Initiatives - C&I                 | \$66.1                        |              |                  |  |   |   |   | \$66.1  |
| Finance Costs                                     | \$5,000.0                     |              |                  |  |   |   |   | \$5,000.0   |
| Commercial & Industrial Performance Incentive     | \$2,087.9                     |              |                  | \$2,087.9                              | \$0.0                                       |   |   | \$0.0   |
| <b>Subtotal - Commercial &amp; Industrial</b>     | <b>\$46,074.1</b>             | <b>\$0.0</b> | <b>\$0.0</b>     | <b>\$2,087.9</b>                       | <b>\$0.0</b>                                | <b>\$41,757.6</b>   | <b>\$0.0</b>  | <b>\$43,986.2</b>                                     |
| <b>Regulatory</b>                                 |                               |              |                  |  |   |   |   |   |
| OER   | \$929.1                       |              | \$929.1          |  |   |   |   | \$929.1   |
| EERMC   | \$929.1                       |              | \$929.1          |  |   |   |   | \$929.1   |
| <b>Subtotal - Regulatory</b>                      | <b>\$1,858.1</b>              | <b>\$0.0</b> | <b>\$1,858.1</b> | <b>\$0.0</b>                           | <b>\$0.0</b>                                | <b>\$0.0</b>  | <b>\$0.0</b>  | <b>\$1,858.1</b>                                      |
| <b>Grand Total</b>                                | <b>\$110,559.7</b>            | <b>\$0.0</b> | <b>\$1,858.1</b> | <b>\$4,635.8</b>                       | <b>\$399.0</b>                              | <b>\$92,715.2</b>   | <b>\$7,979.0</b>  | <b>\$105,525.0</b>                                    |

Notes:

- (1) Eligible Sector Spending Budget for Performance Incentive (Core Mechanism) on E-9 = Total Budget from E-2 minus commitments, regulatory costs, pilots, assessments, Residential ConnectedSolutions, Commercial ConnectedSolutions, Total Eligible Sector Spending Budget on Customer Incentives for Performance Incentive (Secondary Measure), Performance Incentive (Core Mechanism), and Performance Incentive (Secondary Mechanism)
- (2) Eligible Sector Spending Budget for Performance Incentive (Secondary Mechanism) on E-9 = Rebates and Other Customer Incentives (Delivered Fuel Measures) from Table E-2
- (3) Implementation Expenses = Total Budget from E-2 minus commitments and Performance Incentive.
- (4) Finance Costs include a \$5.0 million transfer to the Rhode Island Infrastructure Bank Efficient Buildings Fund. Finance Costs are detailed in Table E-10.

**Table E-4**  
**National Grid**  
**Proposed 2020 Budget Compared to Approved 2019 Budget (\$000)**

|   | Proposed<br>Implementation<br>Budget 2020 | Approved<br>Implementation<br>Budget 2019 | Difference       |
|---|---|---|------------------|
| <b>Non-Income Eligible Residential</b>            |   |   |                  |
| Residential New Construction                      | \$973.1                                   | \$858.6                                   | \$114.4          |
| ENERGY STAR® HVAC                                 | \$2,605.3                                 | \$2,724.0                                 | -\$118.6         |
| EnergyWise  | \$15,833.9                                | \$15,777.5                                | \$56.4           |
| EnergyWise Multifamily                            | \$2,819.6                                 | \$3,064.9                                 | -\$245.2         |
| ENERGY STAR® Lighting                             | \$15,137.3                                | \$14,968.2                                | \$169.0          |
| Residential Consumer Products                     | \$2,188.8                                 | \$2,124.5                                 | \$64.3           |
| Home Energy Reports                               | \$2,726.9                                 | \$2,641.2                                 | \$85.7           |
| Residential ConnectedSolutions                    | \$455.3                                   | \$283.1                                   | \$172.2          |
| Energy Efficiency Education Programs              | \$40.0                                    | \$40.0                                    | \$0.0            |
| Residential Pilots                                | \$288.7                                   | \$222.7                                   | \$66.0           |
| Community Based Initiatives - Residential         | \$203.9                                   | \$121.5                                   | \$82.4           |
| Comprehensive Marketing - Residential             | \$444.8                                   | \$556.5                                   | -\$111.7         |
| <b>Subtotal - Non-Income Eligible Residential</b> | <b>\$43,717.5</b>                         | <b>\$43,382.8</b>                         | <b>\$334.8</b>   |
| <b>Income Eligible Residential</b>                |   |   |                  |
| Single Family - Income Eligible Services          | \$12,410.5                                | \$11,694.7                                | \$715.8          |
| Income Eligible Multifamily                       | \$3,552.7                                 | \$3,382.9                                 | \$169.7          |
| <b>Subtotal - Income Eligible Residential</b>     | <b>\$15,963.1</b>                         | <b>\$15,077.6</b>                         | <b>\$885.5</b>   |
| <b>Commercial &amp; Industrial</b>                |   |   |                  |
| Large Commercial New Construction                 | \$5,334.8                                 | \$5,036.1                                 | \$298.7          |
| Large Commercial Retrofit                         | \$24,190.2                                | \$21,356.5                                | \$2,833.7        |
| Small Business Direct Install                     | \$7,210.3                                 | \$8,712.8                                 | -\$1,502.5       |
| Commercial ConnectedSolutions                     | \$2,078.4                                 | \$2,024.1                                 | \$54.3           |
| Community Based Initiatives - C&I                 | \$66.1                                    | \$40.1                                    | \$26.0           |
| Commercial Pilots                                 | \$106.3                                   | \$197.9                                   | -\$91.7          |
| Finance Costs                                     | \$5,000.0                                 | \$5,000.0                                 | \$0.0            |
| <b>Subtotal Commercial &amp; Industrial</b>       | <b>\$43,986.2</b>                         | <b>\$42,367.7</b>                         | <b>\$1,618.5</b> |
| <b>Regulatory</b>                                 |   |   |                  |
| EERMC   | \$929.1                                   | \$783.6                                   | \$145.5          |
| OER   | \$929.1                                   | \$989.8                                   | -\$60.8          |
| <b>Subtotal Regulatory</b>                        | <b>\$1,858.1</b>                          | <b>\$1,773.4</b>                          | <b>\$84.7</b>    |
| <b>TOTAL IMPLEMENTATION BUDGET</b>                | <b>\$105,525.0</b>                        | <b>\$102,601.5</b>                        | <b>\$2,923.5</b> |
| <b>OTHER EXPENSE ITEMS</b>                        |   |   |                  |
| Commitments                                       | \$0.0                                     | \$0.0                                     | \$0.0            |
| Company Incentive                                 | \$5,034.7                                 | \$4,905.0                                 | \$129.7          |
| <b>Subtotal - Other Expense Items</b>             | <b>\$5,034.7</b>                          | <b>\$4,905.0</b>                          | <b>\$129.7</b>   |
| <b>TOTAL BUDGET</b>                               | <b>\$110,559.7</b>                        | <b>\$107,506.5</b>                        | <b>\$3,053.2</b> |

## Notes:

- (1) Program Implementation Budget excludes Commitments, Company Incentive; derived on Table E-3
- (2) Total Budget includes Implementation, Commitments; illustrated on Table E-3
- (3) The Large Commercial Retrofit budget increase is due to a higher cost of savings from the 2019 Annual Plan.
- (4) The Small Business Direct Install budget decrease is due to a net decrease in MWh savings from the 2020 Annual Plan.

**Table E-5**  
**National Grid**  
**Calculation of 2020 Program Year Cost-Effectiveness**  
**All Dollar Values in (\$000)**

|   | RI Test<br>Benefit/<br>Cost <sup>1</sup> | Total<br>Benefit    | Program<br>Implementation<br>Expenses <sup>2</sup> | Customer<br>Contribution | Shareholder<br>Incentive | ¢/Lifetime<br>kWh |
|---|--|---------------------|--|--------------------------|--------------------------|-------------------|
| <b>Non-Income Eligible Residential</b>          |  |                     |  |                          |                          |                   |
| Residential New Construction                    | 2.65                                     | \$ 4,712.4          | \$ 973.1   | \$ 807.8                 |                          | 11.2              |
| ENERGY STAR® HVAC                               | 2.71                                     | \$ 10,806.9         | \$ 2,605.3   | \$ 1,383.6               |                          | 19.3              |
| EnergyWise                                      | 2.22                                     | \$ 38,882.2         | \$ 15,833.9  | \$ 1,672.9               |                          | 77.6              |
| EnergyWise Multifamily                          | 2.83                                     | \$ 9,492.0          | \$ 2,819.6   | \$ 536.0                 |                          | 11.1              |
| Home Energy Reports                             | 2.82                                     | \$ 7,699.9          | \$ 2,726.9   | \$ -                     |                          | 11.7              |
| ENERGY STAR® Lighting                           | 6.01                                     | \$ 62,021.9         | \$ 15,137.3  | \$ (4,819.8)             |                          | 5.3               |
| Residential Consumer Products                   | 2.97                                     | \$ 9,927.1          | \$ 2,188.8   | \$ 1,151.4               |                          | 10.4              |
| Residential ConnectedSolutions                  | 4.15                                     | \$ 1,887.5          | \$ 455.3   | \$ -                     |                          | N/A               |
| Energy Efficiency Education Programs            |  |                     | \$ 40.0  |                          |                          |                   |
| Residential Pilots                              |  |                     | \$ 288.7   |                          |                          |                   |
| Community Based Initiatives - Residential       |  |                     | \$ 203.9   |                          |                          |                   |
| Comprehensive Marketing - Residential           |  |                     | \$ 444.8   |                          |                          |                   |
| <b>Non-Income Eligible Residential SUBTOTAL</b> | <b>3.12</b>                              | <b>\$ 145,429.8</b> | <b>\$ 43,717.5</b>                                 | <b>\$ 731.9</b>          | <b>\$ 2,148.7</b>        | <b>13.1</b>       |
| <b>Income Eligible Residential</b>              |  |                     |  |                          |                          |                   |
| Single Family - Income Eligible Services        | 2.77                                     | \$ 34,353.4         | \$ 12,410.5  | \$ -                     |                          | 31.6              |
| Income Eligible Multifamily                     | 2.33                                     | \$ 8,290.4          | \$ 3,552.7   | \$ -                     |                          | 11.1              |
| <b>Income Eligible Residential SUBTOTAL</b>     | <b>2.54</b>                              | <b>\$ 42,643.7</b>  | <b>\$ 15,963.1</b>                                 | <b>\$ -</b>              | <b>\$ 798.2</b>          | <b>22.4</b>       |
| <b>Commercial &amp; Industrial</b>              |  |                     |  |                          |                          |                   |
| Large Commercial New Construction               | 6.78                                     | \$ 42,626.6         | \$ 5,334.8   | \$ 949.6                 |                          | 4.4               |
| Large Commercial Retrofit                       | 7.90                                     | \$ 304,584.2        | \$ 24,190.2  | \$ 14,351.7              |                          | 4.7               |
| Small Business Direct Install                   | 3.81                                     | \$ 36,808.5         | \$ 7,210.3   | \$ 2,439.0               |                          | 7.7               |
| Commercial ConnectedSolutions                   | 13.01                                    | \$ 27,031.1         | \$ 2,078.4   | \$ -                     |                          | N/A               |
| Commercial Pilots                               |  |                     | \$ 106.3   |                          |                          |                   |
| Community Based Initiatives - C&I               |  |                     | \$ 66.1  |                          |                          |                   |
| Finance Costs                                   |  |                     | \$ 5,000.0   |                          |                          |                   |
| <b>C&amp;I SUBTOTAL</b>                         | <b>6.44</b>                              | <b>\$ 411,050.4</b> | <b>\$ 43,986.2</b>                                 | <b>\$ 17,740.3</b>       | <b>\$ 2,090.1</b>        | <b>5.6</b>        |
| <b>Regulatory</b>                               |  |                     |  |                          |                          |                   |
| OER   |  |                     | \$ 929.1   |                          |                          |                   |
| EERMC   |  |                     | \$ 929.1   |                          |                          |                   |
| <b>Regulatory SUBTOTAL</b>                      |  |                     | <b>\$ 1,858.1</b>                                  |                          |                          |                   |
| <b>TOTAL</b>                                    | <b>4.64</b>                              | <b>\$ 599,123.9</b> | <b>\$ 105,525.0</b>                                | <b>\$ 18,472.1</b>       | <b>\$ 5,036.9</b>        | <b>8.2</b>        |

## Notes:

(1) RI Test B/C Test = (Energy + Capacity + Resource Benefits+Economic Benefits + Carbon Benefits) / (Program Implementation + Customer Contribution + Performance Incentive)

Also includes effects of free-ridership and spillover.

(2) For Implementation Expenses derivation, see Table E-3.

(3) ENERGY STAR® Lighting customer cost is negative due to a high free-ridership rate. Any financial incentives paid to free-riders are counted as a cost because the Company incurred those costs as part of the overall cost of the Plan regardless of whether the participant is free-rider or not. Therefore the Company reduces benefits and the customer cost by the net-to-gross ratio but not the incentives.

**Table E-5A**  
**National Grid**  
**Calculation of 2020 Program Year Cost-Effectiveness with TRC Test**  
**All Dollar Values in (\$000)**

|   | TRC Benefit/<br>Cost <sup>1</sup> | Total Benefit       | Program Implementation Expenses <sup>2</sup> | Customer Contribution | Shareholder Incentive | ¢/Lifetime kWh |
|---|-----------------------------------|---------------------|--|-----------------------|-----------------------|----------------|
| <b>Non-Income Eligible Residential</b>          |                                   |                     |  |                       |                       |                |
| Residential New Construction                    | 1.63                              | \$ 2,894.2          | \$ 973.1                                     | \$ 807.8              |                       | 11.2           |
| ENERGY STAR® HVAC                               | 1.44                              | \$ 5,741.1          | \$ 2,605.3                                   | \$ 1,383.6            |                       | 19.3           |
| EnergyWise                                      | 1.13                              | \$ 19,711.7         | \$ 15,833.9                                  | \$ 1,672.9            |                       | 77.6           |
| EnergyWise Multifamily                          | 1.52                              | \$ 5,112.5          | \$ 2,819.6                                   | \$ 536.0              |                       | 11.1           |
| Home Energy Reports                             | 1.54                              | \$ 4,203.2          | \$ 2,726.9                                   | \$ -                  |                       | 11.7           |
| ENERGY STAR® Lighting                           | 3.26                              | \$ 33,670.0         | \$ 15,137.3                                  | \$ (4,819.8)          |                       | 5.3            |
| Residential Consumer Products                   | 1.68                              | \$ 5,610.3          | \$ 2,188.8                                   | \$ 1,151.4            |                       | 10.4           |
| Residential ConnectedSolutions                  | 4.15                              | \$ 1,887.5          | \$ 455.3                                     |                       |                       |                |
| Energy Efficiency Education Programs            |                                   |                     | \$ 40.0                                      |                       |                       |                |
| Residential Pilots                              |                                   |                     | \$ 288.7                                     |                       |                       |                |
| Community Based Initiatives - Residential       |                                   |                     | \$ 203.9                                     |                       |                       |                |
| Comprehensive Marketing - Residential           |                                   |                     | \$ 444.8                                     |                       |                       |                |
| <b>Non-Income Eligible Residential SUBTOTAL</b> | <b>1.69</b>                       | <b>\$ 78,830.5</b>  | <b>\$ 43,717.5</b>                           | <b>\$ 731.9</b>       | <b>\$ 2,148.7</b>     | <b>13.1</b>    |
| <b>Income Eligible Residential</b>              |                                   |                     |  |                       |                       |                |
| Single Family - Income Eligible Services        | 1.71                              | \$ 21,162.0         | \$ 12,410.5                                  | \$ -                  |                       | 31.6           |
| Income Eligible Multifamily                     | 1.03                              | \$ 3,643.7          | \$ 3,552.7                                   | \$ -                  |                       | 11.1           |
| <b>Income Eligible Residential SUBTOTAL</b>     | <b>1.48</b>                       | <b>\$ 24,805.6</b>  | <b>\$ 15,963.1</b>                           | <b>\$ -</b>           | <b>\$ 798.2</b>       | <b>22.4</b>    |
| <b>Commercial &amp; Industrial</b>              |                                   |                     |  |                       |                       |                |
| Large Commercial New Construction               | 3.47                              | \$ 21,822.0         | \$ 5,334.8                                   | \$ 949.6              |                       | 4.4            |
| Large Commercial Retrofit                       | 3.80                              | \$ 146,384.9        | \$ 24,190.2                                  | \$ 14,351.7           |                       | 4.7            |
| Small Business Direct Install                   | 2.01                              | \$ 19,379.9         | \$ 7,210.3                                   | \$ 2,439.0            |                       | 7.7            |
| Commercial ConnectedSolutions                   | 13.01                             | \$ 27,031.1         | \$ 2,078.4                                   |                       |                       |                |
| Commercial Pilots                               |                                   |                     | \$ 106.3                                     |                       |                       |                |
| Community Based Initiatives - C&I               |                                   |                     | \$ 66.1                                      |                       |                       |                |
| Finance Costs                                   |                                   |                     | \$ 5,000.0                                   |                       |                       |                |
| <b>C&amp;I SUBTOTAL</b>                         | <b>3.36</b>                       | <b>\$ 214,617.9</b> | <b>\$ 43,986.2</b>                           | <b>\$ 17,740.3</b>    | <b>\$ 2,090.1</b>     | <b>5.6</b>     |
| <b>Regulatory</b>                               |                                   |                     |  |                       |                       |                |
| OER   |                                   |                     | \$ 929.1                                     |                       |                       |                |
| EERMC   |                                   |                     | \$ 929.1                                     |                       |                       |                |
| <b>Regulatory SUBTOTAL</b>                      |                                   |                     | <b>\$ 1,858.1</b>                            |                       |                       |                |
| <b>TOTAL</b>                                    | <b>2.47</b>                       | <b>\$ 318,254.0</b> | <b>\$ 105,525.0</b>                          | <b>\$ 18,472.1</b>    | <b>\$ 5,036.9</b>     | <b>8.2</b>     |

## Notes:

(1) TRC B/C Test = (Energy + Capacity + Resource Benefits) / (Program Implementation + Customer Contribution + Performance Incentive)

Also includes effects of free-ridership and spillover.

(2) For Implementation Expenses derivation, see Table E-3.

(3) ENERGY STAR® Lighting customer cost is negative due to a high free-ridership rate. Any financial incentives paid to free-riders are counted as a cost because the Company incurred those costs as part of the overall cost of the Plan regardless of whether the participant is free-rider or not. Therefore the Company reduces benefits and the customer cost by the net-to-gross ratio but not the incentives.

**Table E-6  
 National Grid  
 Summary of 2020 Benefits by Program (Energy Efficiency Measures)**

|   | Benefits (000's) |                   |                 |                 |                 |              |                 |                 |                 |                 |                 |                 |                 |                |                 |                 |                |                  |  |
|---|------------------|-------------------|-----------------|-----------------|-----------------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|----------------|------------------|--|
|   | Total            | Capacity          |                 |                 |                 |              | Energy          |                 |                 |                 |                 | Non Electric    |                 |                |                 | Societal        |                |                  |  |
|   |                  | Summer Generation | Capacity DRIPE  | Trans           | Dist            | Reliability  | Winter          |                 | Summer          |                 | Energy DRIPE    | Natural Gas     | Oil             | Other Resource | Non Resource    | Carbon          | NOx            | Economic         |  |
|   |                  |                   |                 |                 |                 |              | Peak            | Off Peak        | Peak            | Off Peak        |                 |                 |                 |                |                 |                 |                |                  |  |
| <b>Non-Income Eligible Residential</b>          |                  |                   |                 |                 |                 |              |                 |                 |                 |                 |                 |                 |                 |                |                 |                 |                |                  |  |
| Residential New Construction                    | \$4,712          | \$97              | \$70            | \$120           | \$105           | \$0          | \$98            | \$140           | \$405           | \$257           | \$296           | \$0             | \$156           | \$1,113        | \$36            | \$433           | \$23           | \$1,362          |  |
| ENERGY STAR® HVAC                               | \$10,807         | \$172             | \$130           | \$219           | \$191           | \$1          | \$522           | \$526           | \$109           | \$80            | \$581           | \$516           | \$1,999         | \$618          | \$78            | \$1,243         | \$123          | \$3,700          |  |
| EnergyWise                                      | \$38,882         | \$475             | \$804           | \$576           | \$502           | \$4          | \$413           | \$352           | \$299           | \$222           | \$768           | \$0             | \$14,213        | \$265          | \$819           | \$3,951         | \$494          | \$14,726         |  |
| EnergyWise Multifamily                          | \$9,492          | \$278             | \$354           | \$363           | \$316           | \$2          | \$293           | \$240           | \$200           | \$143           | \$585           | \$0             | \$582           | \$33           | \$1,724         | \$563           | \$38           | \$3,778          |  |
| Home Energy Reports                             | \$7,700          | \$358             | \$1,100         | \$346           | \$302           | \$9          | \$545           | \$427           | \$202           | \$141           | \$772           | \$0             | \$0             | \$0            | \$0             | \$738           | \$32           | \$2,727          |  |
| ENERGY STAR® Lighting                           | \$62,022         | \$2,454           | \$5,845         | \$3,379         | \$2,944         | \$29         | \$4,667         | \$3,640         | \$1,968         | \$1,285         | \$10,259        | -\$2,026        | -\$2,581        | -\$959         | \$2,768         | \$4,244         | \$40           | \$24,068         |  |
| Residential Consumer Products                   | \$9,927          | \$414             | \$673           | \$570           | \$497           | \$3          | \$605           | \$578           | \$350           | \$304           | \$1,434         | \$15            | \$35            | \$132          | \$0             | \$946           | \$44           | \$3,327          |  |
| <b>Non-Income Eligible Residential SUBTOTAL</b> | <b>\$143,542</b> | <b>\$4,246</b>    | <b>\$8,976</b>  | <b>\$5,574</b>  | <b>\$4,856</b>  | <b>\$48</b>  | <b>\$7,144</b>  | <b>\$5,904</b>  | <b>\$3,533</b>  | <b>\$2,433</b>  | <b>\$14,695</b> | <b>-\$1,496</b> | <b>\$14,404</b> | <b>\$1,203</b> | <b>\$5,425</b>  | <b>\$12,118</b> | <b>\$793</b>   | <b>\$53,688</b>  |  |
| <b>Income Eligible Residential</b>              |                  |                   |                 |                 |                 |              |                 |                 |                 |                 |                 |                 |                 |                |                 |                 |                |                  |  |
| Single Family - Income Eligible Services        | \$34,353         | \$528             | \$511           | \$680           | \$593           | \$3          | \$761           | \$676           | \$437           | \$390           | \$1,099         | \$91            | \$5,135         | \$477          | \$9,781         | \$2,295         | \$224          | \$10,673         |  |
| Income Eligible Multifamily                     | \$8,290          | \$100             | \$145           | \$136           | \$118           | \$1          | \$229           | \$180           | \$95            | \$64            | \$385           | \$0             | \$509           | \$22           | \$1,660         | \$390           | \$29           | \$4,228          |  |
| <b>Income Eligible Residential SUBTOTAL</b>     | <b>\$42,644</b>  | <b>\$628</b>      | <b>\$656</b>    | <b>\$816</b>    | <b>\$711</b>    | <b>\$3</b>   | <b>\$990</b>    | <b>\$856</b>    | <b>\$533</b>    | <b>\$453</b>    | <b>\$1,483</b>  | <b>\$91</b>     | <b>\$5,643</b>  | <b>\$500</b>   | <b>\$11,442</b> | <b>\$2,685</b>  | <b>\$252</b>   | <b>\$14,901</b>  |  |
| <b>Commercial &amp; Industrial</b>              |                  |                   |                 |                 |                 |              |                 |                 |                 |                 |                 |                 |                 |                |                 |                 |                |                  |  |
| Large Commercial New Construction               | \$42,627         | \$1,317           | \$1,041         | \$1,688         | \$1,471         | \$5          | \$3,008         | \$1,979         | \$2,117         | \$1,159         | \$3,598         | \$371           | \$0             | \$0            | \$4,068         | \$4,010         | \$204          | \$16,591         |  |
| Large Commercial Retrofit                       | \$304,584        | \$12,425          | \$13,680        | \$16,465        | \$14,344        | \$70         | \$16,264        | \$11,798        | \$12,189        | \$7,145         | \$25,903        | -\$6,626        | \$0             | \$69           | \$22,660        | \$19,699        | \$583          | \$137,917        |  |
| Small Business Direct Install                   | \$36,808         | \$1,147           | \$1,270         | \$1,536         | \$1,339         | \$6          | \$2,605         | \$1,407         | \$2,224         | \$1,006         | \$4,359         | -\$890          | \$0             | \$0            | \$3,371         | \$3,128         | \$96           | \$14,204         |  |
| <b>C&amp;I SUBTOTAL</b>                         | <b>\$384,019</b> | <b>\$14,888</b>   | <b>\$15,991</b> | <b>\$19,689</b> | <b>\$17,153</b> | <b>\$82</b>  | <b>\$21,877</b> | <b>\$15,184</b> | <b>\$16,529</b> | <b>\$9,310</b>  | <b>\$33,860</b> | <b>-\$7,145</b> | <b>\$0</b>      | <b>\$69</b>    | <b>\$30,099</b> | <b>\$26,836</b> | <b>\$883</b>   | <b>\$168,713</b> |  |
| <b>TOTAL</b>                                    | <b>\$570,205</b> | <b>\$19,763</b>   | <b>\$25,622</b> | <b>\$26,079</b> | <b>\$22,720</b> | <b>\$133</b> | <b>\$30,011</b> | <b>\$21,944</b> | <b>\$20,595</b> | <b>\$12,196</b> | <b>\$50,038</b> | <b>-\$8,550</b> | <b>\$20,047</b> | <b>\$1,771</b> | <b>\$46,966</b> | <b>\$41,639</b> | <b>\$1,929</b> | <b>\$237,301</b> |  |

**Table E-6A**  
**National Grid**  
**Summary of 2020 Impacts by Program (Energy Efficiency Measures)**

|  | Load Reduction in kW |               | Electric Energy Savings |                  |                |                  | Gas Saved        |                  | Oil Saved     |                | Propane Saved  |               | Total Net Savings |                  |
|--|----------------------|---------------|-------------------------|------------------|----------------|------------------|------------------|------------------|---------------|----------------|----------------|---------------|-------------------|------------------|
|  | Summer               | Winter        | MWh                     |                  | MMBtu          |                  | MMBtu            |                  | MMBtu         |                | MMBtu          |               | MMBtu             |                  |
|  |                      |               | Annual                  | Lifetime         | Annual         | Lifetime         | Annual           | Lifetime         | Annual        | Lifetime       | Annual         | Lifetime      | Annual            | Lifetime         |
| <b>Non-Income Eligible Residential</b>                           |                      |               |                         |                  |                |                  |                  |                  |               |                |                |               |                   |                  |
| Residential New Construction                                     | 74                   | 238           | 870                     | 15,846           | 2,968          | 54,066           | -                | -                | 271           | 6,768          | 1,405          | 35,116        | 4,643             | 95,950           |
| ENERGY STAR® HVAC  | 138                  | 134           | 1,528                   | 20,632           | 5,213          | 70,397           | 3,674            | 55,225           | 5,033         | 88,419         | 1,145          | 19,791        | 15,065            | 233,832          |
| ENERGY STAR® HVAC - Delivered Fuel Heat Pumps                    | 44                   | (31)          | (459)                   | (7,993)          | (1,566)        | (27,272)         | -                | -                | 4,950         | 86,598         | 1,186          | 20,320        | 4,570             | 79,646           |
| ENERGY STAR® HVAC - All Other Measures                           | 94                   | 165           | 1,987                   | 28,625           | 6,779          | 97,668           | 3,674            | 55,225           | 83            | 1,822          | (41)           | (529)         | 10,495            | 154,186          |
| EnergyWise   | 985                  | 1,226         | 6,210                   | 22,567           | 21,190         | 77,000           | -                | -                | 34,252        | 626,672        | 554            | 7,942         | 55,995            | 711,614          |
| EnergyWise - Delivered Fuel Measures                             | 92                   | -             | 165                     | 3,295            | 562            | 11,241           | -                | -                | 23,800        | 476,000        | -              | -             | 24,362            | 487,241          |
| EnergyWise - All Other Measures                                  | 893                  | 1,226         | 6,046                   | 19,273           | 20,627         | 65,758           | -                | -                | 10,452        | 150,672        | 554            | 7,942         | 31,633            | 224,372          |
| EnergyWise Multifamily   | 384                  | 392           | 2,943                   | 30,211           | 10,042         | 103,080          | -                | -                | 1,235         | 25,475         | -              | -             | 11,276            | 128,555          |
| Home Energy Reports  | 3,195                | 4,938         | 23,239                  | 23,239           | 79,292         | 79,292           | -                | -                | -             | -              | -              | -             | 79,292            | 79,292           |
| ENERGY STAR® Lighting  | 6,201                | 7,468         | 38,093                  | 195,647          | 129,972        | 667,547          | (42,793)         | (213,966)        | (26,012)      | (130,058)      | (6,713)        | (33,563)      | 54,455            | 289,960          |
| Residential Consumer Products                                    | 714                  | 604           | 4,768                   | 32,041           | 16,268         | 109,322          | 87               | 1,598            | 76            | 1,520          | 461            | 3,226         | 16,892            | 115,666          |
| <b>Non-Income Eligible Residential SUBTOTAL</b>                  | <b>11,691</b>        | <b>15,000</b> | <b>77,651</b>           | <b>340,183</b>   | <b>264,944</b> | <b>1,160,703</b> | <b>(39,032)</b>  | <b>(157,143)</b> | <b>14,854</b> | <b>618,797</b> | <b>(3,148)</b> | <b>32,512</b> | <b>237,619</b>    | <b>1,654,870</b> |
| <b>Income Eligible Residential</b>                               |                      |               |                         |                  |                |                  |                  |                  |               |                |                |               |                   |                  |
| Single Family - Income Eligible Services                         | 542                  | 440           | 3,343                   | 39,327           | 11,405         | 134,185          | 938              | 11,317           | 11,921        | 225,945        | 290            | 3,579         | 16,294            | 375,026          |
| Single Family - Income Eligible Services Delivered Fuel Measures | 13                   | 8             | (99)                    | (1,684)          | (337)          | (5,746)          | -                | -                | 8,598         | 167,868        | -              | -             | 8,261             | 162,122          |
| Single Family - Income Eligible Services All Other Measures      | 529                  | 432           | 3,442                   | 41,011           | 11,743         | 139,931          | 938              | 11,317           | 3,323         | 58,077         | 290            | 3,579         | 16,294            | 212,904          |
| Income Eligible Multifamily                                      | 155                  | 241           | 2,392                   | 31,897           | 8,160          | 108,833          | -                | -                | 1,119         | 22,304         | -              | -             | 9,279             | 131,137          |
| <b>Income Eligible Residential SUBTOTAL</b>                      | <b>697</b>           | <b>680</b>    | <b>5,734</b>            | <b>71,225</b>    | <b>19,565</b>  | <b>243,018</b>   | <b>938</b>       | <b>11,317</b>    | <b>13,040</b> | <b>248,249</b> | <b>290</b>     | <b>3,579</b>  | <b>25,572</b>     | <b>506,164</b>   |
| <b>Commercial &amp; Industrial</b>                               |                      |               |                         |                  |                |                  |                  |                  |               |                |                |               |                   |                  |
| Large Commercial New Construction                                | 1,105                | 747           | 9,520                   | 143,288          | 32,482         | 488,899          | 2,741            | 43,635           | -             | -              | -              | -             | 35,223            | 532,534          |
| Large Commercial Retrofit  | 14,599               | 17,389        | 71,936                  | 823,285          | 245,445        | 2,809,047        | (61,209)         | (779,060)        | -             | -              | -              | -             | 184,236           | 2,029,987        |
| Small Business Direct Install                                    | 1,347                | 1,152         | 11,500                  | 126,066          | 39,236         | 430,137          | (9,503)          | (104,048)        | -             | -              | -              | -             | 29,733            | 326,089          |
| <b>C&amp;I SUBTOTAL</b>  | <b>17,051</b>        | <b>19,289</b> | <b>92,955</b>           | <b>1,092,639</b> | <b>317,163</b> | <b>3,728,083</b> | <b>(67,971)</b>  | <b>(839,473)</b> | <b>-</b>      | <b>-</b>       | <b>-</b>       | <b>-</b>      | <b>249,192</b>    | <b>2,888,610</b> |
| <b>TOTAL</b>   | <b>29,439</b>        | <b>34,969</b> | <b>176,340</b>          | <b>1,504,046</b> | <b>601,673</b> | <b>5,131,805</b> | <b>(106,065)</b> | <b>(985,298)</b> | <b>27,894</b> | <b>867,046</b> | <b>(2,858)</b> | <b>36,091</b> | <b>512,384</b>    | <b>5,049,644</b> |

Notes:

(1) Sub-categories for the programs ENERGY STAR® HVAC, EnergyWise, and Single Family - Income Eligible Services are broken out to show the savings from delivered fuel measures and all other measures. The savings from delivered fuel measures are used in the calculation of the secondary Performance Incentive.



**Table E-6B**  
**National Grid**  
**Summary of 2020 Demand Response Benefits and Savings**

|  | Benefits (000's) |                   |                 |                |                |              |            |            |              |              |            |                | Load Reduction (KW) | MWh Saved |          |          |
|--|------------------|-------------------|-----------------|----------------|----------------|--------------|------------|------------|--------------|--------------|------------|----------------|---------------------|-----------|----------|----------|
|  | Total            | Capacity          |                 |                |                |              | Energy     |            |              | Non Electric | Societal   |                |                     | Summer    | Annual   | Lifetime |
|  |                  | Summer Generation | Capacity DRIPE  | Trans          | Dist           | Reliability  | Summer     |            | Energy DRIPE | Non Resource | Carbon     | Economic       |                     |           |          |          |
|  |                  |                   |                 |                |                |              | Peak       | Off Peak   |              |              |            |                |                     |           |          |          |
| <b>Non-Income Eligible Residential</b> |                  |                   |                 |                |                |              |            |            |              |              |            |                |                     |           |          |          |
| Residential ConnectedSolu              | \$1,888          | \$50              | \$1,082         | \$189          | \$165          | \$23         | \$0        | \$0        | \$0          | \$0          | \$0        | \$378          | 1,746               | 8         | 8        |          |
| <b>Commercial &amp; Industrial</b>     |                  |                   |                 |                |                |              |            |            |              |              |            |                |                     |           |          |          |
| Commercial ConnectedSol                | \$27,031         | \$527             | \$11,368        | \$5,313        | \$4,628        | \$644        | \$0        | \$0        | \$0          | \$0          | \$0        | \$4,552        | 49,000              | 0         | 0        |          |
| <b>TOTAL</b>                           | <b>\$28,919</b>  | <b>\$577</b>      | <b>\$12,449</b> | <b>\$5,502</b> | <b>\$4,793</b> | <b>\$667</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>   | <b>\$0</b>   | <b>\$0</b> | <b>\$4,930</b> | <b>50,746</b>       | <b>8</b>  | <b>8</b> |          |

Table E-7  
National Grid  
Comparison of 2020 and 2019 Goals and Tracking

|   | Proposed 2020 Goal          |                                   |                      | Proposed 2020 Tracking                    |                             | Approved 2019                     |                             |                      | Difference                        |                             |                      |
|---|-----------------------------|-----------------------------------|----------------------|---|-----------------------------|-----------------------------------|-----------------------------|----------------------|-----------------------------------|-----------------------------|----------------------|
|   | Annual Energy Savings (MWh) | Annual Summer Demand Savings (kW) | Demand Response (kW) | Total Net Lifetime Energy Savings (MMBtu) | Planned Unique Participants | Annual Summer Demand Savings (kW) | Annual Energy Savings (MWh) | Demand Response (kW) | Annual Summer Demand Savings (kW) | Annual Energy Savings (MWh) | Demand Response (kW) |
| <b>Non-Income Eligible Residential</b>          |                             |                                   |                      |   |                             |                                   |                             |                      |                                   |                             |                      |
| Residential New Construction                    | 870                         | 74                                |                      | 95,950                                    | 627                         | 112                               | 756                         |                      | -37                               | 113                         |                      |
| ENERGY STAR® HVAC                               | 1,528                       | 138                               |                      | 233,832                                   | 1,832                       | 590                               | 2,710                       |                      | -453                              | -1,182                      |                      |
| EnergyWise                                      | 6,210                       | 985                               |                      | 711,614                                   | 11,000                      | 1,287                             | 8,182                       |                      | -302                              | -1,971                      |                      |
| EnergyWise Multifamily                          | 2,943                       | 384                               |                      | 128,555                                   | 4,000                       | 283                               | 3,593                       |                      | 102                               | -650                        |                      |
| Home Energy Reports                             | 23,239                      | 3,195                             |                      | 79,292                                    | 323,248                     | 4,278                             | 24,130                      |                      | -1,082                            | -891                        |                      |
| ENERGY STAR® Lighting                           | 38,093                      | 6,201                             |                      | 289,960                                   | 256,082                     | 6,681                             | 48,381                      |                      | -481                              | -10,288                     |                      |
| Residential Consumer Products                   | 4,768                       | 714                               |                      | 115,666                                   | 26,905                      | 668                               | 3,925                       |                      | 46                                | 843                         |                      |
| Residential ConnectedSolutions                  |                             |                                   | 1,746                |   |                             |                                   |                             | 1,564                |                                   |                             | 182                  |
| <b>Non-Income Eligible Residential SUBTOTAL</b> | <b>77,651</b>               | <b>11,691</b>                     | <b>1,746</b>         | <b>1,654,870</b>                          | <b>623,695</b>              | <b>13,898</b>                     | <b>91,677</b>               | <b>1,564</b>         | <b>-2,207</b>                     | <b>-14,027</b>              | <b>182</b>           |
| <b>Income Eligible Residential</b>              |                             |                                   |                      |   |                             |                                   |                             |                      |                                   |                             |                      |
| Single Family - Income Eligible Services        | 3,343                       | 542                               |                      | 375,026                                   | 3,150                       | 815                               | 3,742                       |                      | -274                              | -399                        |                      |
| Income Eligible Multifamily                     | 2,392                       | 155                               |                      | 131,137                                   | 4,800                       | 223                               | 3,219                       |                      | -68                               | -828                        |                      |
| <b>Income Eligible Residential SUBTOTAL</b>     | <b>5,734</b>                | <b>697</b>                        |                      | <b>506,164</b>                            | <b>7,950</b>                | <b>1,039</b>                      | <b>6,961</b>                |                      | <b>-342</b>                       | <b>-1,227</b>               |                      |
|   |                             |                                   |                      |   |                             |                                   |                             |                      |                                   | 0                           |                      |
| <b>Commercial &amp; Industrial</b>              |                             |                                   |                      |   |                             |                                   |                             |                      |                                   | 0                           |                      |
| Large Commercial New Construction               | 9,520                       | 1,105                             |                      | 532,534                                   | 108                         | 1,409                             | 10,863                      |                      | -304                              | -1,343                      |                      |
| Large Commercial Retrofit                       | 71,936                      | 14,599                            |                      | 2,029,987                                 | 2,668                       | 12,558                            | 73,013                      |                      | 2,041                             | -1,077                      |                      |
| Small Business Direct Install                   | 11,500                      | 1,347                             |                      | 326,089                                   | 693                         | 1,213                             | 12,163                      |                      | 134                               | -663                        |                      |
| Commercial ConnectedSolutions                   |                             |                                   | 49,000               |   |                             |                                   |                             | 34,300               |                                   |                             | 14,700               |
| <b>C&amp;I SUBTOTAL</b>                         | <b>92,955</b>               | <b>17,051</b>                     | <b>49,000</b>        | <b>2,888,610</b>                          | <b>3,469</b>                | <b>15,180</b>                     | <b>96,038</b>               | <b>34,300</b>        | <b>1,871</b>                      | <b>-3,083</b>               | <b>14,700</b>        |
| <b>TOTAL</b>                                    | <b>176,340</b>              | <b>29,439</b>                     | <b>50,746</b>        | <b>5,049,644</b>                          | <b>635,114</b>              | <b>30,117</b>                     | <b>194,677</b>              | <b>35,864</b>        | <b>-678</b>                       | <b>-18,336</b>              | <b>14,882</b>        |

Notes:

(1) Planned 2020 participation takes into account net-to-gross and estimates unique participation by taking into account 2018 unique customer accounts to savings ratios. Therefore the number of planned measures may be more than the estimated participants shown. For measure counts please view the widget tables in Attachments 1 and 2. Table E-7 no longer includes a comparison to the previous year's participation. Due to the way unique participation is calculated it is not possible to compare year-over-year results.

(2) There are additional Low Income participants in Residential New Construction.

(3) A customer can participate in more than one program, for example, ENERGY STAR® Lighting and Home Energy Reports, therefore the population reached can be more than 100%.

**Table E-8  
National Grid  
Avoided Costs Used in 2020 Benefit-Cost Model**

|         | Rhode Island       |                        |                    |                        |   | DRIPE for Installations in 2020 |                        |                    |                        |   |
|---------|--------------------|------------------------|--------------------|------------------------|---|---------------------------------|------------------------|--------------------|------------------------|---|
|         | Winter Peak Energy | Winter Off-Peak Energy | Summer Peak Energy | Summer Off-Peak Energy | Annual Market Capacity Value Weighted Avg | Winter Peak Energy              | Winter Off-Peak Energy | Summer Peak Energy | Summer Off-Peak Energy | Annual Market Capacity Value Weighted Avg |
| Units:  | \$/kWh             | \$/kWh                 | \$/kWh             | \$/kWh                 | \$/kW-yr                                  | \$/kWh                          | \$/kWh                 | \$/kWh             | \$/kWh                 | \$/kW-yr                                  |
| Period: |                    |                        |                    |                        |   |                                 |                        |                    |                        |   |
| 2020    | 0.063              | 0.059                  | 0.048              | 0.042                  | 63.81                                     | 0.06                            | 0.05                   | 0.05               | 0.03                   | 332.17                                    |
| 2021    | 0.065              | 0.060                  | 0.055              | 0.046                  | 51.78                                     | 0.07                            | 0.05                   | 0.06               | 0.04                   | 59.86                                     |
| 2022    | 0.061              | 0.055                  | 0.051              | 0.041                  | 49.75                                     | 0.07                            | 0.05                   | 0.06               | 0.04                   | 45.25                                     |
| 2023    | 0.062              | 0.056                  | 0.048              | 0.038                  | 55.76                                     | 0.06                            | 0.04                   | 0.05               | 0.03                   | 30.06                                     |
| 2024    | 0.066              | 0.062                  | 0.047              | 0.043                  | 61.53                                     | 0.05                            | 0.04                   | 0.04               | 0.03                   | 7.96                                      |
| 2025    | 0.062              | 0.058                  | 0.048              | 0.044                  | 69.62                                     | 0.04                            | 0.03                   | 0.03               | 0.02                   | 176.63                                    |
| 2026    | 0.062              | 0.058                  | 0.052              | 0.046                  | 79.39                                     | 0.03                            | 0.02                   | 0.02               | 0.02                   | 240.53                                    |
| 2027    | 0.066              | 0.062                  | 0.050              | 0.043                  | 87.81                                     | 0.01                            | 0.01                   | 0.01               | 0.01                   | 280.05                                    |
| 2028    | 0.068              | 0.060                  | 0.054              | 0.044                  | 93.94                                     | 0.01                            | 0.01                   | 0.01               | 0.00                   | 275.09                                    |
| 2029    | 0.070              | 0.064                  | 0.053              | 0.045                  | 100.30                                    |                                 |                        |                    |                        |   |
| 2030    | 0.064              | 0.060                  | 0.055              | 0.051                  | 95.87                                     |                                 |                        |                    |                        |   |
| 2031    | 0.064              | 0.060                  | 0.051              | 0.044                  | 93.94                                     |                                 |                        |                    |                        |   |
| 2032    | 0.063              | 0.058                  | 0.052              | 0.045                  | 100.30                                    |                                 |                        |                    |                        |   |
| 2033    | 0.068              | 0.060                  | 0.053              | 0.043                  | 95.87                                     |                                 |                        |                    |                        |   |
| 2034    | 0.067              | 0.056                  | 0.056              | 0.044                  | 93.94                                     |                                 |                        |                    |                        |   |
| 2035    | 0.069              | 0.062                  | 0.062              | 0.053                  | 100.30                                    |                                 |                        |                    |                        |   |
| 2036    | 0.071              | 0.062                  | 0.066              | 0.056                  | 101.96                                    |                                 |                        |                    |                        |   |
| 2037    | 0.072              | 0.063                  | 0.069              | 0.058                  | 103.64                                    |                                 |                        |                    |                        |   |
| 2038    | 0.074              | 0.064                  | 0.073              | 0.061                  | 105.35                                    |                                 |                        |                    |                        |   |
| 2039    | 0.075              | 0.065                  | 0.077              | 0.064                  | 107.09                                    |                                 |                        |                    |                        |   |
| 2040    | 0.077              | 0.066                  | 0.081              | 0.067                  | 108.86                                    |                                 |                        |                    |                        |   |
| 2041    | 0.079              | 0.067                  | 0.086              | 0.071                  | 110.66                                    |                                 |                        |                    |                        |   |
| 2042    | 0.081              | 0.068                  | 0.091              | 0.075                  | 112.49                                    |                                 |                        |                    |                        |   |
| 2043    | 0.084              | 0.069                  | 0.096              | 0.079                  | 114.34                                    |                                 |                        |                    |                        |   |
| 2044    | 0.086              | 0.071                  | 0.102              | 0.083                  | 116.23                                    |                                 |                        |                    |                        |   |
| 2045    | 0.089              | 0.073                  | 0.108              | 0.088                  | 118.15                                    |                                 |                        |                    |                        |   |
| 2046    | 0.092              | 0.074                  | 0.115              | 0.093                  | 120.10                                    |                                 |                        |                    |                        |   |
| 2047    | 0.095              | 0.077                  | 0.122              | 0.098                  | 122.09                                    |                                 |                        |                    |                        |   |
| 2048    | 0.099              | 0.079                  | 0.130              | 0.104                  | 124.10                                    |                                 |                        |                    |                        |   |
| 2049    | 0.103              | 0.082                  | 0.138              | 0.111                  | 126.15                                    |                                 |                        |                    |                        |   |
| 2050    | 0.108              | 0.086                  | 0.147              | 0.118                  | 128.23                                    |                                 |                        |                    |                        |   |

Source:  
AESC 2018 Study , Appendix B, in 2018 dollars

**Table E-9  
National Grid  
2020 Targeted Performance Incentive**

**Core Mechanism**

Energy Incentive Rate: 3.50%

|                                 | (1)                        | (2)                            | (3)                          | (4)                      | (5)                            | (6)                                    | (7)                          |
|---------------------------------|----------------------------|--------------------------------|------------------------------|--------------------------|--------------------------------|--|------------------------------|
| Sector                          | Spending Budget<br>\$(000) | Target<br>Incentive<br>\$(000) | Annual MWh<br>Savings Target | Threshold<br>MWh Savings | Target<br>Incentive Per<br>MWh | Maximum MWh<br>Savings for<br>Earnings | Maximum<br>Incentive \$(000) |
| Income Eligible Residential     | \$13,395                   | \$469                          | 5,833                        | 4,375                    | \$80.4                         | 7,291                                  | \$586                        |
| Non-Income Eligible Residential | \$37,562                   | \$1,315                        | 77,945                       | 58,459                   | \$16.9                         | 97,431                                 | \$1,643                      |
| Commercial & Industrial         | \$41,758                   | \$1,462                        | 92,955                       | 69,716                   | \$15.7                         | 116,194                                | \$1,827                      |
| Total                           | \$92,715                   | \$3,245                        | 176,733                      | 132,550                  | \$18.4                         | 220,917                                | \$4,056                      |

Demand Incentive Rate: 1.50%

|                                 | (8)                        | (9)                            | (10)                        | (11)                    | (12)                          | (13)   | (14)                         |
|---------------------------------|----------------------------|--------------------------------|-----------------------------|-------------------------|-------------------------------|--|------------------------------|
| Sector                          | Spending Budget<br>\$(000) | Target<br>Incentive<br>\$(000) | Annual kW<br>Savings Target | Threshold kW<br>Savings | Target<br>Incentive Per<br>kW | Maximum Net<br>Annual Energy<br>Savings<br>(Earning) | Maximum<br>Incentive \$(000) |
| Income Eligible Residential     | \$13,395                   | \$201                          | 697                         | 523                     | \$288.4                       | 871  | \$251                        |
| Non-Income Eligible Residential | \$37,562                   | \$563                          | 11,691                      | 8,769                   | \$48.2                        | 14,614   | \$704                        |
| Commercial & Industrial         | \$41,758                   | \$626                          | 17,051                      | 12,788                  | \$36.7                        | 21,314   | \$783                        |
| Total                           | \$92,715                   | \$1,391                        | 29,439                      | 22,079                  | \$47.2                        | 36,799   | \$1,738                      |

**Secondary Mechanism**

Delivered Fuel Measures Incentive Rate: 5.00%

|                                 | (15)   | (16)                           | (17)  | (18)  | (19)  | (20)   | (21)                         |
|---------------------------------|--|--------------------------------|---|---|---|--|------------------------------|
| Sector                          | Customer<br>Incentives<br>(Rebates) For<br>Delivered Fuel<br>Weatherization<br>and Delivered<br>Fuel Heat Pump<br>Conversions<br>\$(000) | Target<br>Incentive<br>\$(000) | Net Annual All-<br>Fuel Energy<br>Savings Target<br>(MMBtu) | Threshold Net<br>Annual All-<br>Fuel Energy<br>Savings<br>(MMBtu) | Target<br>Incentive Per<br>Total Net<br>Annual<br>Adjusted<br>MMBtu | Maximum Net<br>Annual Energy<br>Savings for<br>Earning | Maximum<br>Incentive \$(000) |
| Income Eligible Residential     | \$2,568  | \$128                          | 8,261   | 4,130   | \$15.5  | Uncapped   | Uncapped                     |
| Non-Income Eligible Residential | \$5,411  | \$271                          | 28,932  | 14,466  | \$9.4   | Uncapped   | Uncapped                     |
| Commercial & Industrial         | \$0  | \$0                            | 0   | 0   | \$0.0   | Uncapped   | Uncapped                     |
| Total                           | \$7,979  | \$399                          | 37,193  | 18,596  | \$10.7  | Uncapped   | Uncapped                     |

**Notes on Core Mechanism**

- (1) and (8) Eligible Spending Budget excludes Commitments, Regulatory Costs, Pilots, Assessments, Residential ConnectedSolutions, Commercial ConnectedSolutions, Performance Incentive, and Customer Incentives for Delivered Fuel Measures that are accounted for in (15). See Column 6 in Table E-3 for details.
  - (2) Equal to the incentive rate (3.50%) x Column (1).
  - (3) Equal to the MWh for each sector as in Table E-6a, reduced by MWh savings for the delivered fuel measures that are accounted for in the calculation of (17) from the EnergyStar® HVAC, EnergyWise, and Single Family - Income Eligible Services programs. Note that at the sector and total level these values differ from what is shown in Table E-6a because of the subtraction of savings attributable to the delivered fuel measures in (17)
  - (4) and (11) 75% of Column (3) and (8), respectively. No incentive is earned on annual MWh or annual kW in the sector unless the Company achieves at least this threshold level of performance.
  - (5) Column (2)\*1000/Column (3). This illustration is for achieved savings equal to the savings target. The incentive earned per annual MWh will vary with the percent of the savings target achieved.
  - (6) and (13) 125% of (3) and (10), respectively. The maximum savings at which the Company can earn 6.25% of (1) and (8)
  - (7) and (14) The maximum incentive that the Company would earn at savings levels in (6) and (13).
  - (9) Equal to the incentive rate (1.50%) x Column (8).
  - (10) Equal to the kW for each sector as in Table E-6a.
  - (12) Column (9)\*1000/Column (10). This illustration is for achieved savings equal to the savings target. The incentive earned per kW will vary with the percent of the savings target achieved
- Core Mechanism: The Performance Incentive for Energy (MWh) and Demand (kW) incentives will be calculated as follows, where SB is the Spending Budget in the sector:
- From 75% of savings to 100% of savings: Performance Incentive = SB x (1.25% + (% of Savings Achieved - 75%) x 0.15)
  - x 0.7 for electric energy savings
  - x 0.3 for electric demand savings
  - From 100% of savings to 125% of savings: Performance Incentive = SB x (5.00% + (% of Savings Achieved - 100%) x 0.05)

**Notes on Secondary Mechanism**

- (15) Includes only Customer Incentives (Rebates) for weatherization of delivered fuel homes and electrification of heat from delivered fuels.
  - (16) Equal to the incentive rate (5.00%) x Column (15).
  - (17) Equal to the all-fuel energy savings (MMBtu) as in Table E-6a for weatherization of delivered fuel homes and electrification of heating from the EnergyStar® HVAC, EnergyWise, and Single Family - Income Eligible Services programs.
  - (18) 50% of Column (17). No incentive is earned on annual all-fuel MMBtu in the sector unless the Company achieves at least this threshold level of performance.
  - (19) Column (16)\*1000/Column (17). This illustration is for achieved savings equal to the savings target. The incentive earned per kW will vary with the percent of the savings target achieved
  - (20) and (21) Maximum savings and Performance Incentive are uncapped for the delivered fuel Performance Incentive.
- Secondary Mechanism: The Performance Incentive for Delivered Fuel Weatherization and Fuel-Switching Heat Pumps (MMBtu) will be calculated as follows, where SB is the Spending Budget in the sector:
- From 50% of savings to 100% of savings: Performance Incentive = SB x (1.25% + (% of Savings Achieved - 50%) x 0.075)
  - From 100% of savings and above: Performance Incentive = SB x (5.00% + (% of Savings Achieved - 100%) x 0.05)

**Table E-10**  
**National Grid**  
**Revolving Loan Fund Projections**

| <b>Large C&amp;I Revolving Loan Fund</b>              |                     | <b>Small Business Revolving Loan Fund</b>                  |                      |
|---|---------------------|--|----------------------|
| (1) Total Loan Fund Deposits Through 2019             | \$ 18,866,990       | (1) Total Loan Fund Deposits Through 2019                  | \$ 5,770,521         |
| (2) Current Loan Fund Balance                         | \$ 9,250,283        | (2) Current Loan Fund Balance                              | \$ 4,282,188         |
| <i>Loans Paid Year-To-Date</i>                        | \$ 415,833          | <i>Loans Paid Year-To-Date</i>                             | \$ 628,274           |
| <i>Repayments Year-To-Date</i>                        | \$ 2,578,891        | <i>Repayments Year-To-Date</i>                             | \$ 962,129           |
| (3) Projected Additional Loans by Year End 2019       | \$ 10,655,003       | (3) Projected Additional Loans by Year End 2019            | \$ 1,100,000         |
| (4) Projected Additional Repayments by Year End 2019  | \$ 3,610,448        | (4) Projected Additional Repayments by Year End 2019       | \$ 1,346,980         |
| <b>(5) Projected Year End Loan Fund Balance 2019</b>  | <b>\$ 2,205,728</b> | <b>(5) Projected Year End Loan Fund Balance 2019</b>       | <b>\$ 4,529,169</b>  |
| (6) 2020 Fund Injection                               | \$ -                | (6) 2020 Fund Injection                                    | \$ -                 |
| <b>(7) Projected Loan Fund Balance, January 2020</b>  | <b>\$ 2,205,728</b> | <b>(7) Projected Loan Fund Balance, January 2020</b>       | <b>\$ 4,529,169</b>  |
| (8) Projected Repayments throughout 2020              | \$ 6,120,000        | (8) Projected Repayments throughout 2020                   | \$ 2,400,000         |
| (9) Estimated Loans in 2020                           | \$ 8,000,000        | (9) Estimated Loans in 2020                                | \$ 3,000,000         |
| <b>(10) Projected Year End Loan Fund Balance 2020</b> | <b>\$ 325,728</b>   | <b>(10) Projected Year End Loan Fund Balance 2020</b>      | <b>\$ 3,929,169</b>  |
| <b>Public Sector Revolving Loan Fund</b>              |                     | <b>Efficient Buildings Fund</b>                            |                      |
| (1) Total Loan Fund Deposits Through 2019             | \$ 516,471          | (1) Energy Efficiency Funds allocated to EBF through 2019  | \$ 16,870,447        |
| (2) Current Loan Fund Balance                         | \$ 184,252          | (2) Total EBF Loans Outstanding                            | \$ 18,269,000        |
| <i>Funds returned to OER</i>                          | \$ -                | <i>Loans Paid Year-To-Date</i>                             | \$ 1,100,000         |
| <i>Repayments Year-To-Date</i>                        | \$ 118,120          | <i>Repayments Year-To-Date</i>                             | \$ -                 |
| (3) Projected Additional Loans by Year End            | \$ -                | (3) Projected Additional Loans by Year End 2019            | \$ 3,900,000         |
| (4) Projected Additional Repayments by Year End       | \$ 165,369          | (4) Projected Additional Repayments by Year End 2019       | \$ 640,000           |
| <b>(5) Projected Year End Loan Fund Balance 2019</b>  | <b>\$ 349,621</b>   | <b>(5) Total EBF Loans Outstanding</b>                     | <b>\$ 23,269,000</b> |
| (6) 2020 Fund Injection                               | \$ -                | (6) 2019 Fund Injection                                    | \$ 5,000,000         |
| <b>(7) Projected Loan Fund Balance, January 2020</b>  | <b>\$ 349,621</b>   | <b>(7) 2019 Beginning of Year EBF Loans Outstanding</b>    | <b>\$ 23,269,000</b> |
| (8) Projected Repayments throughout 2020              | \$ 280,000          | (8) Projected EBF Loan Repayments in 2020                  | \$ 740,000           |
| (9) Estimated Loans in 2020                           | \$ -                | (9) New EBF loans in 2020                                  | \$ 15,650,000        |
| <b>(10) Projected Year End Loan Fund Balance 2020</b> | <b>\$ 629,621</b>   | <b>(10) Projected Year End 2020 EBF Loans Outstanding</b>  | <b>\$ 38,179,000</b> |
|   |                     | (11) Energy Efficiency Funds allocated to EBF through 2020 | \$ 21,870,447        |
|   |                     | (12) Loans to Energy Efficiency Fund Contribution Ratio    | 1.7                  |

## Notes

- 1 Funding injections since loan funds began. Net of any adjustments.
- 2 Current Loan Fund Balance is through May 2019; it includes all loans and repayments made by May 2019. Public Sector Revolving Loan Fund reduced by transfers to RI PEP Incentives. EBF reports in terms of loans outstanding.
- 3 Projected Loans from May to Year-End 2019 is estimated based on projects currently under construction that are anticipated to be paid out by year-end. It is difficult to project this amount accurately due to the fact that projects could be delayed by a month or two resulting in payment occurring in 2020 instead of 2019.
- 4 Projected Repayments from May to Year-End 2019 is estimated based on the monthly average amount of repayments. EBF only receives repayments one time per year so the projected repayments for all of 2018 are included in line (2).
- 5 Equal to (2) - (3) + (4). EBF equal to (2) - (repayments YTD) + (3).
- 6 Proposed 2019 Fund Injection detailed on Table E-2
- 7 Equal to (5) + (6). EBF equal to line (5).
- 8 Assumption based on monthly average repayments in 2019 over 12 month period; repayments accumulate over time and may vary widely.
- 9 Amount projected to be lent to customers in 2020
- 10 Equal to (7) + (8) - (9). EBF equal to (7) - (8) + (9).
- 11 The proposed fund injection of \$5,000,000 to the Efficiency Buildings Fund is being reviewed and may be adjusted prior to final submission.