

**Table G-1
National Grid
Gas DSM Funding Sources in 2019 by Sector
\$(000)**

	<u>Projections by Sector</u>			Total
	Income Eligible Residential	Non-Income Eligible Residential	Commercial & Industrial	
(1) Projected Budget (from G-2):	\$8,361.4	\$14,538.9	\$8,692.5	\$31,592.8
Sources of Other Funding:				
(2) Estimated Year-End 2018 Fund Balance and Interest:	\$0.00	\$1,837.1	\$5,525.7	\$7,362.8
(3) Low Income Weatherization in Base Rates:	\$200.00			\$200.00
(4) Total Other Funding:	\$200.0	\$1,837.1	\$5,525.7	\$7,562.8
(5) Customer Funding Required:	\$8,161.4	\$12,701.9	\$3,166.8	\$24,030.0
(6) Forecasted Firm Dth Sales	1,373,241	18,648,373	19,699,548	39,721,163
(7) Forecasted Non Firm Dth Sales			1,589,138	1,589,138
(8) Less: Exempt DG Customers			(1,330,639)	(1,330,639)
(9) Forecasted Dth Sales:	1,373,241	18,648,373	19,958,047	39,979,661
Average Energy Efficiency Program Charge per Dth				
(10) excluding Uncollectible Recovery:				\$0.601
Proposed Energy Efficiency Program Charge per Dth				
(11) excluding Uncollectible Recovery	\$0.715	\$0.715	\$0.485	
(12) Currently Effective Uncollectible Rate	<u>1.91%</u>	<u>1.91%</u>	<u>1.91%</u>	
Proposed Energy Efficiency Program Charge per Dth including Uncollectible Recovery:	\$0.728	\$0.728	\$0.494	
Currently Effective Energy Efficiency Program Charge				
(14) per Dth	\$0.869	\$0.869	\$0.671	
Adjustment to Reflect Fully Reconciling Funding				
(15) Mechanism	(\$0.141)	(\$0.141)	(\$0.177)	

Notes

(1) Projected Budget from G-2 includes OER and EERMC costs allocated to each sector based on forecasted sales.

(2) Fund Balance projections include projected revenue and spend through year-end with Residential and C&I sector subsidies applied to Income Eligible as detailed in the 2018 EE Plan Table G-1. The Company proposes to refile this table with updated Fund Balance projections on December 1, 2018 as proposed in Section 6(a) of the Plan's Main Text.

(11) As agreed to by the settling parties, the proposed EE program charges allow for the use of collections from one sector to fund energy efficiency services in other sectors that would otherwise not be supported with the proposed collection rates. The C&I charge includes collection of \$6.3 million of which \$4.3 million will be allocated to the low income sector and \$1.9 million to the residential sector.

(12) Uncollectible rate approved in Docket No. 4770.

**Table G-2
National Grid
2019 Gas Energy Efficiency Program Budget (\$000)**

	Program Planning and Administration	Marketing	Rebates and Other Customer Incentives	Sales, Technical Assistance and Training	Evaluation & Market Research	Shareholder Incentive	Grand Total
Non-Income Eligible Residential:							
ENERGY STAR® HVAC	\$67.4	\$120.0	\$1,726.5	\$247.2	\$3.8	\$0.0	\$2,164.9
EnergyWise	\$239.5	\$78.3	\$6,594.8	\$1,534.1	\$19.6	\$0.0	\$8,466.3
EnergyWise Multifamily	\$64.5	\$34.0	\$1,216.0	\$356.0	\$7.0	\$0.0	\$1,677.5
Home Energy Reports	\$21.5	\$0.9	\$415.0	\$5.1	\$5.5	\$0.0	\$447.9
Residential Pilots	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Residential New Construction	\$23.6	\$3.2	\$508.4	\$186.7	\$15.8	\$0.0	\$737.6
Comprehensive Marketing - Residential	\$0.5	\$73.2	\$0.0	\$0.0	\$0.0	\$0.0	\$73.7
Community Based Initiatives - Residential	\$0.5	\$18.8	\$19.7	\$0.0	\$0.0	\$0.0	\$39.0
Residential Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$680.3	\$680.3
Subtotal - Non-Income Eligible Residential	\$417.4	\$328.3	\$10,480.3	\$2,329.3	\$51.6	\$680.3	\$14,287.2
Income Eligible Residential:							
Single Family - Income Eligible Services	\$148.7	\$14.9	\$3,778.0	\$1,029.8	\$41.5	\$0.0	\$5,012.8
Income Eligible Multifamily	\$92.3	\$10.3	\$2,474.5	\$348.9	\$6.7	\$0.0	\$2,932.7
Income Eligible Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$397.3	\$397.3
Subtotal - Income Eligible Residential	\$241.0	\$25.2	\$6,252.5	\$1,378.7	\$48.2	\$397.3	\$8,342.8
Commercial & Industrial							
Large Commercial New Construction	\$82.4	\$193.7	\$1,274.0	\$743.4	\$95.8	\$0.0	\$2,389.2
Large Commercial Retrofit	\$194.7	\$293.0	\$2,631.7	\$887.7	\$206.9	\$0.0	\$4,214.0
Small Business Direct Install	\$5.3	\$26.9	\$50.0	\$37.6	\$4.7	\$0.0	\$124.4
Commercial & Industrial Multifamily	\$28.9	\$16.4	\$756.0	\$109.7	\$7.3	\$0.0	\$918.4
Commercial Pilots	\$10.6	\$9.5	\$241.1	\$89.9	\$30.0	\$0.0	\$381.1
Finance Costs	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Community Based Initiatives - C&I	\$0.2	\$6.3	\$6.6	\$0.0	\$0.0	\$0.0	\$13.0
Commercial & Industrial Shareholder Incentive	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$383.0	\$383.0
Subtotal - Commercial & Industrial	\$322.0	\$545.7	\$4,959.4	\$1,868.4	\$344.7	\$382.95	\$8,423.1
Regulatory							
EERMC	\$235.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$235.5
OER	\$235.5	\$0.0	\$0.0	\$0.0	\$68.8	\$0.0	\$304.2
Subtotal - Regulatory	\$470.9	\$0.0	\$0.0	\$0.0	\$68.8	\$0.0	\$539.7
Grand Total	\$1,451.3	\$899.1	\$21,692.1	\$5,576.3	\$513.3	\$1,460.6	\$31,592.8

Notes:

- (1) OER and EERMC is equal to 2% of total collections from customers' Energy Efficiency Program Charge, reduced by 2%.
- (2) Finance Costs include payments made to Rhode Island Infrastructure Bank Efficient Buildings Fund
- (3) \$75,000 is included in 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.

**Table G-3
National Grid
Derivation of the 2019 Spending & Implementation Budgets (\$000)**

	Proposed 2018 Budget From G-2 (\$000)	Outside Finance and Stakeholder Oversight Costs (\$000)	Shareholder Incentive (\$000)	Eligible Sector Spending Budget for Shareholder Incentive on G-9 (\$000) ¹	Implementation Expenses for Cost-Effectiveness on G-5 (\$000) ²
Non-Income Eligible Residential					
ENERGY STAR® HVAC	\$ 2,164.9		\$ -		\$ 2,164.9
EnergyWise	\$ 8,466.3		\$ -		\$ 8,466.3
EnergyWise Multifamily	\$ 1,677.5		\$ -		\$ 1,677.5
Home Energy Reports	\$ 447.9		\$ -		\$ 447.9
Residential Pilots	\$ -		\$ -		\$ -
Residential New Construction	\$ 737.6				\$ 737.6
Comprehensive Marketing - Residential	\$ 73.7		\$ -		\$ 73.7
Community Based Initiatives - Residential	\$ 39.0		\$ -		\$ 39.0
Residential Shareholder Incentive	\$ 680.3		\$ 680.3		\$ -
Subtotal - Non-Income Eligible Residential	\$ 14,287.2	\$ -	\$ 680.3	\$ 13,606.8	\$ 13,606.8
Income Eligible Residential					
Single Family - Income Eligible Services	\$ 5,012.8		\$ -		\$ 5,012.8
Income Eligible Multifamily	\$ 2,932.7		\$ -		\$ 2,932.7
Income Eligible Shareholder Incentive	\$ 397.3		\$ 397.3		\$ -
Subtotal - Income Eligible Residential	\$ 8,342.8	\$ -	\$ 397.3	\$ 7,945.5	\$ 7,945.5
Commercial & Industrial					
Large Commercial New Construction	\$ 2,389.2		\$ -		\$ 2,389.2
Large Commercial Retrofit	\$ 4,214.0		\$ -		\$ 4,214.0
Small Business Direct Install	\$ 124.4		\$ -		\$ 124.4
Commercial & Industrial Multifamily	\$ 918.4		\$ -		\$ 918.4
Commercial Pilots	\$ 381.1		\$ -		\$ 381.1
Finance Costs	\$ -	\$ -	\$ -		\$ -
Community Based Initiatives - C&I	\$ 13.0		\$ -		\$ 13.0
Commercial & Industrial Shareholder Incentive	\$ 383.0		\$ 383.0		\$ -
Subtotal - Commercial & Industrial	\$ 8,423.1	\$ -	\$ 383.0	\$ 7,659.0	\$ 8,040.1
Regulatory					
EERMC	\$ 235.5	\$ 235.5			\$ 235.5
OER	\$ 304.2	\$ 304.2			\$ 304.2
Subtotal - Regulatory	\$ 539.7	\$ 539.7	\$ -		\$ 539.7
Grand Total	\$ 31,592.8	\$ 539.7	\$ 1,460.6	\$ 29,211.4	\$ 30,132.2

Notes:

- (1) Eligible Sector Spending Budget = Budget from G-2 minus Regulatory Costs, Pilots, and Shareholder Incentive
- (2) Implementation Expenses = Budget from G-2 minus Shareholder Incentive

**Table G-4
National Grid
Proposed 2019 Budget Compared to Approved 2018 Budget (\$000)**

	Proposed Budget 2019 from G-2	2018 Approved Gas Budget	Difference
Non-Income Eligible Residential			
ENERGY STAR® HVAC	\$ 2,164.9	\$ 1,730.4	\$ 434.5
EnergyWise	\$ 8,466.3	\$ 8,370.8	\$ 95.5
EnergyWise Multifamily	\$ 1,677.5	\$ 1,267.1	\$ 410.5
Home Energy Reports	\$ 447.9	\$ 428.7	\$ 19.3
Residential Pilots	\$ -	\$ 19.6	\$ (19.6)
Residential New Construction	\$ 737.6	\$ 587.4	\$ 150.3
Comprehensive Marketing - Residential	\$ 73.7	\$ 73.7	\$ -
Community Based Initiatives - Residential	\$ 39.0	\$ 39.2	\$ (0.2)
Residential Shareholder Incentive	\$ 680.3	\$ 624.9	\$ 55.5
Subtotal - Non-Income Eligible Residential	\$ 14,287.2	\$ 13,141.6	\$ 1,145.6
Income Eligible Residential			
Single Family - Income Eligible Services	\$ 5,012.8	\$ 4,032.4	\$ 980.4
Income Eligible Multifamily	\$ 2,932.7	\$ 2,349.5	\$ 583.2
Income Eligible Shareholder Incentive	\$ 397.3	\$ 319.1	\$ 78.2
Subtotal - Income Eligible Residential	\$ 8,342.8	\$ 6,701.1	\$ 1,641.7
Commercial & Industrial			
Large Commercial New Construction	\$ 2,389.2	\$ 2,658.1	\$ (268.8)
Large Commercial Retrofit	\$ 4,214.0	\$ 3,643.3	\$ 570.7
Small Business Direct Install	\$ 124.4	\$ 132.5	\$ (8.0)
Commercial & Industrial Multifamily	\$ 918.4	\$ 410.2	\$ 508.2
Commercial Pilots	\$ 381.1	\$ 482.1	\$ (101.0)
Finance Costs	\$ -	\$ -	\$ -
Community Based Initiatives - C&I	\$ 13.0	\$ 9.8	\$ 3.2
Commercial & Industrial Shareholder Incentive	\$ 383.0	\$ 342.7	\$ 40.3
Subtotal Commercial & Industrial	\$ 8,423.1	\$ 7,678.6	\$ 744.5
Regulatory			
EERMC	\$ 235.5	\$ 279.8	\$ (44.3)
OER	\$ 304.2	\$ 279.8	\$ 24.4
Subtotal Regulatory	\$ 539.7	\$ 559.6	\$ (19.9)
TOTAL BUDGET	\$ 31,592.8	\$ 28,080.9	\$ 3,511.9

Notes:

- (1) Program Implementation Budget excludes Commitments, Company Incentive; derived on Table G-3
- (2) Total Budget includes Implementation, Commitments; illustrated on Table G-3
- (3) Finance Costs include funds allocated to Rhode Island Infrastructure Bank Efficient Buildings Fund.
- (4) OER 2019 budget includes \$68,800 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.

Table G-5
National Grid
Calculation of 2019 Program Year Cost-Effectiveness
All Dollar Values in (\$000)

	Rhode Island Benefit/ Cost	Total Benefit	Program Implementation Expenses	Customer Contribution	Shareholder Incentive	\$/Lifetime MMBtu
Non-Income Eligible Residential						
Energy Star® HVAC	2.33	\$ 12,366.4	\$ 2,164.9	\$ 3,144.9		\$ 11.15
EnergyWise	1.91	\$ 20,378.1	\$ 8,466.3	\$ 2,215.0		\$ 15.98
EnergyWise MultiFamily	3.23	\$ 6,527.4	\$ 1,677.5	\$ 342.0		\$ 7.91
Home Energy Reports	4.31	\$ 1,931.2	\$ 447.9	\$ -		\$ 3.88
Residential New Construction	1.55	\$ 2,223.0	\$ 737.6	\$ 695.2		\$ 14.77
Comprehensive Marketing - Residential			\$ 73.7			
Community Based Initiatives - Residential			\$ 39.0			
Residential Pilots			\$ -			
Non-Income Eligible Residential Subtotal	2.10	\$ 43,426.2	\$ 13,606.8	\$ 6,397.0	\$ 680.3	\$ 12.41
Income Eligible Residential						
Single Family - Income Eligible Services	2.86	\$ 14,329.1	\$ 5,012.8	\$ -		\$ 27.31
Income Eligible Multifamily	3.99	\$ 11,714.1	\$ 2,932.7	\$ -		\$ 8.16
Income Eligible Residential Subtotal	3.12	\$ 26,043.3	\$ 7,945.5	\$ -	\$ 397.3	\$ 14.63
Large Commercial & Industrial						
Large Commercial New Construction	2.82	\$ 14,996.9	\$ 2,389.2	\$ 2,924.0		\$ 7.50
Large Commercial Retrofit	4.41	\$ 25,522.7	\$ 4,214.0	\$ 1,577.3		\$ 4.18
Small Business Direct Install	2.87	\$ 407.8	\$ 124.4	\$ 17.8		\$ 6.72
Commercial & Industrial Multifamily	4.48	\$ 4,444.3	\$ 918.4	\$ 74.0		\$ 6.37
Commercial Pilots			\$ 381.1			
Community Based Initiatives - C&I			\$ 13.0			
Finance Costs			\$ -			
Commercial & Industrial Subtotal	3.49	\$ 45,371.7	\$ 8,040.1	\$ 4,593.1	\$ 383.0	\$ 5.56
Regulatory						
EERMC			\$ 235.5			
OER			\$ 304.2			
Regulatory Subtotal			\$ 539.7			
Grand Total	2.70	\$ 114,841.2	\$ 30,132.2	\$ 10,990.1	\$ 1,460.6	\$ 9.29

Table G-5A
National Grid
Calculation of 2019 Program Year Cost-Effectiveness with TRC Test
All Dollar Values in (\$000)

	TRC Benefit/ Cost	Total Benefit	Program Implementation Expenses	Customer Contribution	Shareholder Incentive	\$/Lifetime MMBtu
Non-Income Eligible Residential						
Energy Star® HVAC	1.10	\$ 5,849.5	\$ 2,164.9	\$ 3,144.9		\$ 11.15
EnergyWise	0.93	\$ 9,897.8	\$ 8,466.3	\$ 2,215.0		\$ 15.98
EnergyWise MultiFamily	1.88	\$ 3,802.2	\$ 1,677.5	\$ 342.0		\$ 7.91
Home Energy Reports	1.97	\$ 880.4	\$ 447.9	\$ -		\$ 3.88
Residential New Construction	0.63	\$ 901.7	\$ 737.6	\$ 695.2		\$ 14.77
Comprehensive Marketing - Residential			\$ 73.7			
Community Based Initiatives - Residential			\$ 39.0			
Residential Demonstration and R&D			\$ -			
Non-Income Eligible Residential Subtotal	1.03	\$ 21,331.5	\$ 13,606.8	\$ 6,397.0	\$ 680.3	\$ 12.41
Income Eligible Residential						
Single Family - Income Eligible Services	2.07	\$ 10,392.3	\$ 5,012.8	\$ -		\$ 27.31
Income Eligible Multifamily	2.62	\$ 7,685.2	\$ 2,932.7	\$ -		\$ 8.16
Income Eligible Residential Subtotal	2.17	\$ 18,077.5	\$ 7,945.5	\$ -	\$ 397.3	\$ 14.63
Large Commercial & Industrial						
Large Commercial New Construction	1.53	\$ 8,130.6	\$ 2,389.2	\$ 2,924.0		\$ 7.50
Large Commercial Retrofit	2.45	\$ 14,213.0	\$ 4,214.0	\$ 1,577.3		\$ 4.18
Small Business Direct Install	1.69	\$ 240.3	\$ 124.4	\$ 17.8		\$ 6.72
Commercial & Industrial Multifamily	3.01	\$ 2,982.6	\$ 918.4	\$ 74.0		\$ 6.37
Commercial Demonstration and R&D			\$ 381.1			
Community Based Initiatives - C&I			\$ 13.0			
Finance Costs			\$ -			
Commercial & Industrial Subtotal	1.96	\$ 25,566.6	\$ 8,040.1	\$ 4,593.1	\$ 383.0	\$ 5.56
Regulatory						
EERMC			\$ 235.5			
OER			\$ 304.2			
Regulatory Subtotal			\$ 539.7			
Grand Total	1.53	\$ 64,975.7	\$ 30,132.2	\$ 10,990.1	\$ 1,460.6	\$ 9.29

Table G-6
National Grid
Summary of 2019 Benefits and Savings by Program

	Benefits (\$000)			MMBTU Gas Saved	
	Total	Natural Gas	Non-Gas Benefit	Annual	Lifetime
Non-Income Eligible Residential					
EnergyWise	\$20,378.1	\$6,106.8	\$14,271.3	27,806	668,615
Energy Star® HVAC	\$12,366.4	\$4,277.3	\$8,089.1	27,960	476,141
EnergyWise Multifamily	\$6,527.4	\$2,307.0	\$4,220.4	16,043	255,276
Home Energy Reports	\$1,931.2	\$830.0	\$1,101.2	115,520	115,520
Residential New Construction	\$2,223.0	\$879.8	\$1,343.2	4,741	96,976
Non-Income Eligible Residential SUBTOTAL	\$43,426.2	\$14,401.0	\$29,025.2	192,069	1,612,528
Income Eligible Residential					
Single Family - Income Eligible Services	\$14,329.1	\$1,680.6	\$12,648.5	9,178	183,560
Income Eligible Multifamily	\$11,714.1	\$3,255.0	\$8,459.2	20,487	359,611
Income Eligible Residential SUBTOTAL	\$26,043.3	\$4,935.6	\$21,107.6	29,665	543,171
Commercial & Industrial					
Large Commercial New Construction	\$14,996.9	\$5,478.5	\$9,518.5	42,536	708,462
Large Commercial Retrofit	\$25,522.7	\$10,535.7	\$14,987.0	155,049	1,385,654
Small Business Direct Install	\$407.8	\$157.9	\$249.9	2,559	21,163
Commercial & Industrial Multifamily	\$4,444.3	\$1,289.4	\$3,154.9	10,829	155,667
Commercial & Industrial SUBTOTAL	\$45,371.7	\$17,461.5	\$27,910.2	210,974	2,270,945
TOTAL	\$114,841.2	\$36,798.1	\$78,043.1	432,708	4,426,644

Table G-7
National Grid
Comparison of 2019 and 2018 Goals

	Proposed 2019		Approved 2018	Difference
	Annual Energy Savings (MMBTU Natural Gas)	Planned Unique Participants	Annual Energy Savings (MMBTU Natural Gas)	Annual Energy Savings (MMBTU Natural Gas)
Non-Income Eligible Residential				
EnergyWise	27,806	2,300	26,787	1,019
Energy Star® HVAC	27,960	1,830	27,513	446
EnergyWise Multifamily	16,043	4,000	12,069	3,975
Home Energy Reports	115,520	107,414	77,220	38,300
Residential New Construction	4,741	313	3,117	1,624
Non-Income Eligible Residential SUBTOTAL	192,069	115,858	146,706	45,363
Income Eligible Residential				
Single Family - Income Eligible Services	9,178	820	12,620	-3,442
Income Eligible Multifamily	20,487	3,500	16,222	4,265
Income Eligible Residential SUBTOTAL	29,665	4,320	28,842	823
Commercial & Industrial				
Large Commercial New Construction	42,536	187	42,764	-229
Large Commercial Retrofit	155,049	70	186,780	-31,731
Small Business Direct Install	2,559	65	3,059	-500
Commercial & Industrial Multifamily	10,829	2,289	6,643	4,186
Commercial & Industrial SUBTOTAL	210,974	2,611	239,246	-28,273
TOTAL	432,708	122,789	414,795	17,913

Notes:

- (1) Participants can participate in more than one program, for example Home Energy Reports and EnergyWise.
- (2) Planned 2019 participation takes into account net-to-gross and estimates unique participation by taking into account 2017 unique customer accounts to savings ratios. Therefore the number of planned measures may be more than the planned participants. For measure counts please view the widgets tables at the end of the Residential and C&I text sections. Table G-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.

Table G-8
National Grid
Avoided Costs Used in 2019 Benefit-Cost Model

Year	RESIDENTIAL				COMMERCIAL & INDUSTRIAL		
	Non Heating	Hot Water	Heating	All	Non Heating	Heating	All
2019	4.59	6.48	7.83	7.20	5.47	6.95	6.30
2020	5.51	7.26	8.56	7.97	6.33	7.71	7.11
2021	6.44	8.20	9.50	8.91	7.27	8.66	8.05
2022	6.38	8.12	9.42	8.83	7.20	8.58	7.97
2023	6.39	8.12	9.42	8.83	7.21	8.58	7.98
2024	6.48	8.20	9.50	8.91	7.29	8.66	8.06
2025	6.50	8.21	9.51	8.92	7.31	8.67	8.08
2026	6.57	8.28	9.58	8.99	7.38	8.74	8.15
2027	6.61	8.31	9.60	9.02	7.41	8.77	8.18
2028	6.73	8.43	9.72	9.14	7.53	8.88	8.29
2029	6.84	8.53	9.81	9.24	7.64	8.98	8.40
2030	6.90	8.58	9.87	9.29	7.70	9.04	8.45
2031	7.06	8.74	10.02	9.45	7.86	9.19	8.61
2032	7.08	8.74	10.03	9.45	7.87	9.20	8.62
2033	7.02	8.68	9.96	9.39	7.81	9.14	8.56
2034	6.93	8.58	9.86	9.29	7.71	9.04	8.46
2035	6.96	8.60	9.87	9.31	7.74	9.06	8.48
2036	7.00	8.63	9.90	9.34	7.77	9.09	8.51
2037	7.04	8.66	9.93	9.37	7.81	9.12	8.55
2038	7.08	8.70	9.96	9.40	7.85	9.15	8.58
2039	7.12	8.73	9.99	9.43	7.88	9.19	8.62
2040	7.16	8.76	10.03	9.47	7.92	9.22	8.65
2041	7.20	8.79	10.06	9.50	7.96	9.25	8.69
2042	7.24	8.83	10.09	9.53	8.00	9.28	8.72
2043	7.28	8.86	10.12	9.56	8.03	9.32	8.76
2044	7.32	8.89	10.15	9.60	8.07	9.35	8.79
2045	7.36	8.93	10.18	9.63	8.11	9.38	8.83
2046	7.41	8.96	10.21	9.66	8.15	9.42	8.86
2047	7.45	8.99	10.24	9.70	8.19	9.45	8.90

From 2018 Avoided Cost Study Update
Appendix C for Southern New England

**Table G-9
National Grid
2019 Targeted Shareholder Incentive**

Incentive Rate: 5.00%

	(1)	(2)	(3)	(4)	(5)
Sector	Eligible Spending Budget \$(000)	Target Incentive \$(000)	Target Savings Goal (MMBTU)	Threshold Savings (MMBTU)	Target Incentive Per Annual MMBTU
Income Eligible Residential	\$7,946	\$397.3	29,665	22,249	\$13.39
Non-Income Eligible Residential	\$13,607	\$680.3	192,069	144,052	\$3.54
Commercial & Industrial	\$7,659	\$383.0	210,974	158,230	\$1.82
Total	\$29,211	\$1,460.6	432,708	324,531	\$3.38

Notes:

- (1) Eligible Spending Budget excludes EERMC, OER, Pilots, and Shareholder Incentive. See Table G-3 for details.
 - (2) Equal to the incentive rate (5.0%) x Column (1).
 - (3) See Table G-7
 - (4) 75% of Column (3). No incentive is earned on annual MMBTU savings 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 MMBtu will vary with the percent of the savings target achieved
- The shareholder incentive will be calculated as follow, where SB is the Spending Budget in the sector:
- From 75% of savings to 100% of savings: Shareholder Incentive = SB x (0.15 x % of savings achieved – 0.10)
 - From 100% of savings to 125% of savings: Shareholder Incentive = SB x (0.05 x % of savings achieved)

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

Large C&I Revolving Loan Fund

(1)	Total Loan Fund Deposits Through 2018	\$ 3,071,678
(2)	Current Loan Fund Balance	\$ 1,874,474
(3)	Projected Loans by Year End 2018	\$ 615,000
(4)	Projected Repayments by Year End 2018	\$ 35,699
(5)	Projected Year End Loan Fund Balance 2018	\$ 1,295,173
(6)	2019 Fund Injection	\$ -
(7)	Projected Loan Fund Balance, January 2019	\$ 1,295,173
(8)	Projected Repayments throughout 2019	\$ 500,000
(9)	Estimated Loans in 2019	\$ 1,100,000
(10)	Projected Year End Loan Fund Balance 2019	\$ 695,173

Notes

- 1 Funding injections since loan funds began.
- 2 Current Loan Fund Balance is through July 2018
- 3 Projected Loans by Year End 2018 is estimated based on current commitments
- 4 Projected Repayments by Year End 2018 is estimated based on projected loans by year end and repayment schedules
- 5 Equal to (2) - (3) + (4)
- 6 Fund Injection, as budgeted on E-2
- 7 Equal to (5) + (6)
- 8 Assumption based on average repayments over 12 months; repayments accumulate over time and may vary widely.