

NYSEG and RG&E

2019 ETIP Annual Report

5/29/2020

2019 BUDGET AND TARGET ACTIVITY SUMMARY

Tables 1 A-D provide the planned 2019 annual budget and the actual amount that was expended and encumbered for each portfolio.

TABLE 1-A: TOTAL FUNDS EXPENDED AND ENCUMBERED – NYSEG ELECTRIC

PORTFOLIO (NYSEG Electric)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
<i>Non-Residential Sector</i>				
C&I Electric				
Incentives & Services	\$7,863,608	\$4,815,905	\$0	\$4,815,905
Program Implementation	\$991,744	\$1,310,787	\$0	\$1,310,787
Tools, Training and Replication	\$0	\$160,548	\$0	\$160,548
Total	\$8,855,352	\$6,287,240	\$0	\$6,287,240
SBDI				
Incentives & Services	\$7,760,180	\$4,140,918	\$0	\$4,140,918
Program Implementation	\$98,572	\$87,479	\$0	\$87,479
Tools, Training and Replication	\$0	\$122,451	\$0	\$122,451
Total	\$7,858,752	\$4,350,848	\$0	\$4,350,848
Self Direct				
Incentives & Services	\$78,077	\$0	\$0	\$0
Program Implementation	\$2,511	\$3,026	\$0	\$3,026
Tools, Training and Replication	\$0	\$3,976	\$0	\$3,976
Total	\$80,588	\$7,002	\$0	\$7,002
Total Non-Residential Sector Budget	\$16,794,692	\$10,645,090	\$0	\$10,645,090
<i>Residential Sector</i>				
Residential Rebate				
Incentives & Services	\$202,050	\$43,834	\$0	\$43,834
Program Implementation	\$10,477	\$7,305	\$0	\$7,305
Tools, Training and Replication	\$0	\$6,796	\$0	\$6,796
Total	\$212,527	\$57,935	\$0	\$57,935
Marketplace Electric				
Incentives & Services	\$219,698	\$224,857	\$0	\$224,857
Program Implementation	\$53,372	\$116,579	\$0	\$116,579
Tools, Training and Replication	\$0	\$5,179	\$0	\$5,179
Total	\$273,070	\$346,615	\$0	\$346,615
Appliance Recycling				
Incentives & Services	\$95,685	\$490,077	\$0	\$490,077
Program Implementation	\$419,474	\$97,289	\$0	\$97,289
Tools, Training and Replication	\$0	\$1,812	\$0	\$1,812
Total	\$515,159	\$589,178	\$0	\$589,178
Energy Star Retail Products Platform				
Incentives & Services	\$405,788	\$302,235	\$0	\$302,235
Program Implementation	\$65,033	\$68,831	\$0	\$68,831
Tools, Training and Replication	\$0	\$1,691	\$0	\$1,691
Total	\$470,821	\$372,757	\$0	\$372,757
Behavioral				
Incentives & Services	\$477,395	\$0	\$0	\$0
Program Implementation	\$304,691	\$51,582	\$0	\$51,582
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$782,086	\$51,582	\$0	\$51,582

TABLE 1-A: TOTAL FUNDS EXPENDED AND ENCUMBERED – NYSEG ELECTRIC (cont.)

PORTFOLIO (NYSEG Electric)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
LMI-Residential Electric				
Incentives & Services	\$577,216	\$0	\$0	\$0
Program Implementation	\$7,332	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$584,548	\$0	\$0	\$0
Total Residential Sector Budget	\$2,838,211	\$1,418,066	\$0	\$1,418,066
<i>Multifamily Sector</i>				
Multifamily Electric				
Incentives & Services	\$967,633	\$906,056	\$0	\$906,056
Program Implementation	\$12,291	\$10,938	\$0	\$10,938
Tools, Training and Replication	\$0	\$21,611	\$0	\$21,611
Total	\$979,924	\$938,604	\$0	\$938,604
LMI-Multifamily Electric				
Incentives & Services	\$384,811	\$0	\$0	\$0
Program Implementation	\$4,888	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$389,699	\$0	\$0	\$0
Total Multifamily Sector Budget	\$1,369,622	\$938,604	\$0	\$938,604
<i>Total Portfolio</i>				
Total C&I Programs	\$16,794,692	\$10,645,090	\$0	\$10,645,090
Total Residential Programs	\$2,838,211	\$1,418,066	\$0	\$1,418,066
Total Multifamily Programs	\$1,369,623	\$938,604	\$0	\$938,604
<i>Portfolio Administration⁶</i>	\$68,215	\$32,950	\$0	\$32,950
<i>Portfolio EM&V</i>	\$1,108,986	\$282,557	\$0	\$282,557
Total Portfolio Budget	\$22,179,727	\$13,317,267	\$0	\$13,317,267

TABLE 1-B: TOTAL FUNDS EXPENDED AND ENCUMBERED – NYSEG GAS

PORTFOLIO (NYSEG Gas)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
<i>Non-Residential Sector</i>				
C&I Gas				
Incentives & Services	\$507,937	\$167,072	\$0	\$167,072
Program Implementation	\$140,874	\$63,752	\$0	\$63,752
Tools, Training and Replication	\$0	\$23,530	\$0	\$23,530
Total	\$648,811	\$254,354	\$0	\$254,354
Total Non-Residential Sector Budget	\$648,811	\$254,354	\$0	\$254,354
<i>Residential Sector</i>				
Residential Gas				
Incentives & Services	\$678,476	\$417,287	\$0	\$417,287
Program Implementation	\$52,550	\$66,053	\$0	\$66,053
Tools, Training and Replication	\$0	\$7,067	\$0	\$7,067
Total	\$731,026	\$490,407	\$0	\$490,407
Marketplace Gas				
Incentives & Services	\$53,980	\$116,509	\$0	\$116,509
Program Implementation	\$51,366	\$43,443	\$0	\$43,443
Tools, Training and Replication	\$0	\$2,262	\$0	\$2,262
Total	\$105,3456	\$162,214	\$0	\$162,214
Behavioral				
Incentives & Services	\$371,300	\$0	\$0	\$0
Program Implementation	\$235,976	\$120,355	\$0	\$120,355
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$607,276	\$120,355	\$0	\$120,355
LMI-Residential Gas				
Incentives & Services	\$55,015	\$0	\$0	\$0
Program Implementation	\$736	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$55,751	\$0	\$0	\$0
Total Residential Sector Budget	\$1,499,399	\$772,976	\$0	\$772,976
<i>Multifamily Sector</i>				
Multifamily Gas				
Incentives & Services	\$204,396	\$104,694	\$0	\$104,694
Program Implementation	\$2,733	\$2,401	\$0	\$2,401
Tools, Training and Replication	\$0	\$14,918	\$0	\$14,918
Total	\$207,129	\$122,013	\$0	\$122,013
LMI-Multifamily Gas				
Incentives & Services	\$36,677	\$0	\$0	\$0
Program Implementation	\$490	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$37,167	\$0	\$0	\$0
Total Multifamily Sector Budget	\$244,296	\$122,013	\$0	\$122,013
Total Portfolio				
Total C&I Programs	\$648,811	\$254,354	\$0	\$254,354
Total Residential Programs	\$1,499,399	\$772,976	\$0	\$772,976
Total Multifamily Programs	\$244,296	\$122,013	\$0	\$122,013
Portfolio Administration⁶	\$10,408	\$4,482	\$0	\$4,482
Portfolio EM&V	\$126,469	\$248,749	\$0	\$248,749
Total Portfolio Budget	\$2,529,383	\$1,402,574	\$0	\$1,402,574

TABLE 1-C: TOTAL FUNDS EXPENDED AND ENCUMBERED – RG&E ELECTRIC

PORTFOLIO (RG&E Electric)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
<i>Non-Residential Sector</i>				
C&I Electric				
Incentives & Services	\$5,093,556	\$3,010,430	\$0	\$3,010,430
Program Implementation	\$681,189	\$808,652	\$0	\$808,652
Tools, Training and Replication	\$0	\$113,863		\$113,863
Total	\$5,774,745	\$3,932,945	\$0	\$3,932,945
SBDI				
Incentives & Services	\$2,700,029	\$1,807,929	\$0	\$1,807,929
Program Implementation	\$35,068	\$31,584	\$0	\$31,584
Tools, Training and Replication	\$0	\$22,126	\$0	\$22,126
Total	\$2,735,097	\$1,861,639	\$0	\$1,861,639
Self Direct				
Incentives & Services	\$44,333	\$40,778	\$0	\$40,778
Program Implementation	\$4,628	\$11,793	\$0	\$11,793
Tools, Training and Replication	\$0	\$9,044	\$0	\$9,044
Total	\$48,961	\$61,615	\$0	\$61,615
Total Non-Residential Sector Budget	\$8,558,803	\$5,856,199	\$0	\$5,856,199
<i>Residential Sector</i>				
Residential Rebate				
Incentives & Services	\$75,850	\$20,362	\$0	\$20,363
Program Implementation	\$8,935	\$3,656	\$0	\$3,656
Tools, Training and Replication	\$0	\$6,093	\$0	\$6,093
Total	\$84,785	\$30,111	\$0	\$30,111
Marketplace Electric				
Incentives & Services	\$117,784	\$96,122	\$0	\$96,122
Program Implementation	\$39,484	\$77,050	\$0	\$77,050
Tools, Training and Replication	\$0	\$10,711	\$0	\$10,711
Total	\$157,268	\$183,883	\$0	\$183,883
Appliance Recycling				
Incentives & Services	\$71,228	\$295,144	\$0	\$295,144
Program Implementation	\$318,571	\$58,713	\$0	\$58,713
Tools, Training and Replication	\$0	\$1,329	\$0	\$1,329
Total	\$389,799	\$355,186	\$0	\$355,186
Energy Star Retail Products Platform				
Incentives & Services	\$126,263	\$64,845	\$0	\$64,845
Program Implementation	\$61,590	\$65,900	\$0	\$65,900
Tools, Training and Replication	\$0	\$604		\$604
Total	\$187,853	\$131,349	\$0	\$131,349
Behavioral				
Incentives & Services	\$504,439	\$0	\$0	\$0
Program Implementation	\$315,510	\$77,371	\$0	\$77,371
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$819,949	\$77,371	\$0	\$77,371

TABLE 1-C: TOTAL FUNDS EXPENDED AND ENCUMBERED – RG&E ELECTRIC (cont.)

PORTFOLIO (RG&E Electric)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
LMI-Residential Electric				
Incentives & Services	\$328,059	\$0	\$0	\$0
Program Implementation	\$4,260	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$332,319	\$0	\$0	\$0
Total Residential Sector Budget	\$1,971,973	\$777,900	\$0	\$777,900
<i>Multifamily Sector</i>				
Multifamily Electric				
Incentives & Services	\$1,917,720	\$675,907	\$0	\$675,907
Program Implementation	\$24,908	\$21,531	\$0	\$21,531
Tools, Training and Replication	\$0	\$30,222	\$0	\$30,222
Total	\$1,942,628	\$727,660	\$0	\$727,660
LMI-Multifamily Electric				
Incentives & Services	\$218,706	\$0	\$0	\$0
Program Implementation	\$2,841	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$221,547	\$0	\$0	\$0
Total Multifamily Sector Budget	\$2,164,175	\$727,660	\$0	\$727,660
<i>Total Portfolio</i>				
Total C&I Programs	\$8,558,803	\$5,856,199	\$0	\$5,856,199
Total Residential Programs	\$1,971,973	\$777,900	\$0	\$777,900
Total Multifamily Programs	\$2,164,175	\$727,660	\$0	\$727,660
<i>Portfolio Administration⁶</i>	\$41,386	\$18,128	\$0	\$18,128
<i>Portfolio EM&V</i>	\$670,333	\$254,450	\$0	\$254,450
Total Portfolio Budget	\$13,406,670	\$7,634,337	\$0	\$7,634,337

TABLE 1-D: TOTAL FUNDS EXPENDED AND ENCUMBERED – RG&E GAS

PORTFOLIO (RG&E Gas)	Planned Annual Budget	Expended	Encumbered	Total Expended and Encumbered
<i>Non-Residential Sector</i>				
C&I Gas				
Incentives & Services	\$586,676	\$593,396	\$0	\$593,396
Program Implementation	\$221,970	\$170,912	\$0	\$170,912
Tools, Training and Replication	\$0	\$28,422	\$0	\$28,422
Total	\$808,646	\$792,730	\$0	\$792,730
<i>Total Non-Residential Sector Budget</i>	\$808,646	\$792,730	\$0	\$792,730
<i>Residential Sector</i>				
Residential Gas				
Incentives & Services	\$1,358,354	\$1,110,837	\$0	\$1,110,837
Program Implementation	\$117,061	\$131,821	\$0	\$131,821
Tools, Training and Replication	\$0	\$48,903	\$0	\$48,903
Total	\$1,475,415	\$1,291,561	\$0	\$1,291,561
Marketplace Gas				
Incentives & Services	\$26,100	\$46,500	\$0	\$46,500
Program Implementation	\$38,467	\$17,624	\$0	\$17,624
Tools, Training and Replication	\$0	\$6,344	\$0	\$6,344
Total	\$64,567	\$70,468	\$0	\$70,468
Behavioral				
Incentives & Services	\$73,136	\$0	\$0	\$0
Program Implementation	\$63,577	\$180,533	\$0	\$180,533
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$136,713	\$180,533	\$0	\$180,533
LMI-Residential Gas				
Incentives & Services	\$22,830	\$0	\$0	\$0
Program Implementation	\$354	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$23,184	\$0	\$0	\$0
<i>Total Residential Sector Budget</i>	\$1,699,879	\$1,542,562	\$0	\$1,542,562
<i>Multifamily Sector</i>				
Multifamily Gas				
Incentives & Services	\$238,647	\$161,152	\$0	\$161,152
Program Implementation	\$3,700	\$3,148	\$0	\$3,148
Tools, Training and Replication	\$0	\$26,417	\$0	\$26,417
Total	\$242,347	\$190,717	\$0	\$190,717
LMI-Multifamily Gas				
Incentives & Services	\$15,220	\$0	\$0	\$0
Program Implementation	\$236	\$0	\$0	\$0
Tools, Training and Replication	\$0	\$0	\$0	\$0
Total	\$15,456	\$0	\$0	\$0
<i>Total Multifamily Sector Budget</i>	\$257,803	\$190,717	\$0	\$190,717
<i>Total Portfolio</i>				
Total C&I Programs	\$808,646	\$792,730	\$0	\$792,730
Total Residential Programs	\$1,699,879	\$1,542,562	\$0	\$1,542,562
Total Multifamily Programs	\$257,803	\$190,717	\$0	\$190,717
<i>Portfolio Administration</i> ⁶	\$12,454	\$5,210	\$0	\$5,210
<i>Portfolio EM&V</i>	\$146,252	\$185,174	\$0	\$185,174
Total Portfolio Budget	\$2,925,034	\$2,716,393	\$0	\$2,716,393

The Portfolio Administration budget category in Tables 1 A–D includes costs such as, but not limited to, those for outreach, education and marketing activities which are not conducted by program implementation contractors; organization membership, conferences, training, travel and related expenses; all of which are not recovered through the Companies’ base rates.

Administrative costs which are recovered in base rates are not included in Tables 1 A-D, but are included in the costs used to determine the portfolio BCA (SCT). Those costs include employee labor and employee benefits.

A discussion is provided below for any portfolio that had a variance of +/- 25% or greater between the planned budget and the actual expended and encumbered amounts for 2019.

NYSEG and RG&E Electric Rebate Program

The Companies’ Electric Residential Rebate Programs started mid way through 2017. The programs have included only one measure, Wi-Fi thermostats. In 2019 the programs expanded to include air source heat pump mini splits and heat pump hot water heaters. These measures were delayed in rolling out, causing the programs not to spend as much as planned.

NYSEG Residential Gas Rebate Program

NYSEG’s Residential Gas Rebate Program budget continued to not meet the original planned budget for 2019 despite the addition of new rebates for gas dryers and boiler tune-ups. The program plans to increase rebate amounts in 2020 to drive participation.

NYSEG and RG&E Marketplace Electric Program

The Companies’ online Marketplace launched several lighting promotions during 2019. As a result, product sales and corresponding rebates paid exceeded forecast. In addition, a point of sale rebate program was launched at local retailers in-store and online in 2019. The associated electric rebates, variable charges and merchandising costs were not forecasted under the marketplace program. For the 2020 program year, the point of sale rebate program budget has been forecasted separately from the marketplace program.

NYSEG and RG&E Behavior Electric and Gas Programs

The Companies’ originally scheduled a behavior program launch for the second half of 2019. Due to unforeseen delays and necessary coordination with other company initiatives, the program launch has been delayed until January 2021. In addition, the budget established for this program was originally intended to cover the launch of other residential programs in addition to the behavior program that were not identified at the time of the ETIP filing on February 19, 2019. For the ETIP update filing on March 1, 2020, the additional program funds were re-distributed to other residential and non-residential programs.

RG&E Energy Star Retail Products Platform Program

The RG&E Energy Star Retail Products Platform launched in the later part of the third quarter of 2019 and therefore did not meet anticipated spending.

NYSEG and RG&E LMI- Residential Electric and Gas Programs

Spending for the residential LMI sector is under budget for two primary reasons. The Companies' contracted with NYSERDA to expand the reach of the NYSERDA run LMI programs, Empower and Assisted Home Performance, within the Companies' service territories. Due to unforeseen delays, the contract process was not complete until the first quarter of 2020. In addition, the Companies' issued a request for pricing (RFP) for LMI and other energy efficiency programs in December 2019. The RFP was originally scheduled to be issued earlier in 2019. Additional LMI programs are anticipated to be up and running the second half of 2020.

RG&E Multifamily Electric Program

This program finished 2019 under both budget and target savings due to attaining less than planned participation. This was due to the program implementation contractor's loss of Outreach staff in 2018, which had spillover effects into 2019. The program implementation contractor also took the step at the end of 2019 to replace its multifamily program manager. The Company is also collaborating with the program implementation contractor to consider enhancements to program marketing in an effort to generate increased awareness and participation. Also, the Company began exploring and will continue in 2020 to explore opportunities for additional new measures to increase project comprehensiveness, in addition to program energy savings and expenditures.

NYSEG Multifamily Gas Program

This program finished 2019 under both budget and target savings due to attaining less than planned participation. This was due to the program implementation contractor's loss of Outreach staff in 2018, which had spillover effects into 2019. The program implementation contractor also took the step at the end of 2019 to replace its multifamily program manager. The Company is also collaborating with the program implementation contractor to consider enhancements to program marketing in an effort to generate increased awareness and participation. Also, the Company began exploring and will continue in 2020 to explore opportunities for additional new measures to increase project comprehensiveness, in addition to program energy savings and expenditures.

NYSEG and RG&E LMI-Multifamily Electric and Gas Programs

For 2019, The Companies addressed LMI multifamily sector opportunities and reported combined scorecard results under its Multifamily Program. In Q4 2019, the Multifamily Program implementation contractor (IC) began tracking LMI activity separately within the Multifamily Program. In 2020, the IC will begin reporting LMI-Multifamily budget and savings separately from activity in the Multifamily Program. The Companies plan to launch a separate LMI-Multifamily program in 2020 following award of a program implementation contract and in collaboration with the Statewide LMI Program initiative under development.

NYSEG and RG&E Self Direct Programs

The Companies' Self Direct Programs have attracted few eligible participants. In an email dated November 30, 2018 the Companies notified DPS of the Company's intention to conduct a survey of customers eligible to participate in the Program. Respondents who had not participated were either not aware of the Self-Direct program, or indicated it requires more effort on their part, with lower rebate amounts compared to other available energy efficiency programs. As a result of survey responses indicating low customer interest and participation, the Companies closed the Self-Direct program to accepting new project applications effective June 1, 2019.

NYSEG SBDI Program

This program finished the year under budget; however, the program exceeded its 2019 energy savings target. While fewer and smaller projects on average participated, this program made cost-effective use of funding relative to the energy savings achieved.

RG&E SBDI Program

While this program finished the year under budget, the program exceeded its 2019 energy savings target. While fewer and smaller projects on average participated, this program made cost-effective use of funding relative to the energy savings achieved. The RG&E SBDI Program achieved cost-effective savings in 2019 by finishing the year under budget, with greater savings than planned.

NYSEG C&I Electric Program

While this program finished the year 29% under budget, the NYSEG C&I Electric Program exceeded its 2019 energy savings target by 38%. This program made cost-effective use of funding relative to the energy savings achieved.

RG&E C&I Electric Program

While this program finished the year 32% under budget, the RG&E C&I Electric Program exceeded its 2019 energy savings target by 15%. Fewer large, multi-measure projects participated and completed.

NYSEG C&I Gas Program

This program finished 2019 60% under budget and under its savings target by 57% due to lower than forecast participation of natural gas energy efficiency projects. Program cost-effectiveness was not significantly affected since budget and savings shortfalls were nearly proportionate.

The savings targets acquired and committed for each portfolio in 2019 are provide in Tables 2 A-D.

**TABLE 2-A: PRIMARY AND SECONDARY TARGETS ACQUIRED AND COMMITTED THIS YEAR
NYSEG ELECTRIC**

PORTFOLIO (NYSEG Electric)	Planned Annual Targets	Acquired This Year	Committed at Year End	Year Total
<i>Non-Residential Sector</i>				
C&I Electric Program				
MWh (Primary)	37,781	52,057	0	52,057
SBDI Program				
MWh (Primary)	29,708	24,384	0	24,384
Self Direct Program				
MWh (Primary)	225	0	0	0
Total Non-Residential Sector Budget	67,714	76,441	0	76,441
<i>Residential Sector</i>				
Residential Rebate				
MWh (Primary)	465	125	0	125
Marketplace Electric				
MWh (Primary)	1,262	1,727	0	1,727
Appliance Recycling				
MWh (Primary)	3,024	3,146	0	3,146
Energy Star Retail Products Platform				
MWh (Primary)	2,954	1,170	0	1,170
Behavioral				
MWh (Primary)	4,269	0	0	0
LMI-Residential Electric				
MWh (Primary)	1,071	0	0	0
Total Residential Sector Budget	13,045	6,168	0	6,168
<i>Multifamily Sector</i>				
Multifamily Program				
MWh (Primary)	1,838	2,446	0	2,446
LMI-Multifamily Electric				
MWh (Primary)	714	0	0	0
Total Multifamily Sector Budget	2,552	2,446	0	2,446
Total Portfolio Budget	83,311	85,055	0	85,055

**TABLE 2-B: PRIMARY AND SECONDARY TARGETS ACQUIRED AND COMMITTED THIS YEAR
NYSEG GAS**

PORTFOLIO (NYSEG Gas)	Planned Annual Targets	Acquired This Year	Committed at Year End	Year Total
<i>Non-Residential Sector</i>				
C&I Gas Program				
MMBTu (Primary)	28,883	12,368	0	12,368
<i>Total Non-Residential Sector Budget</i>	28,883	12,368	0	12,368
<i>Residential Sector</i>				
Residential Gas Program				
MMBTu (Primary)	35,532	22,455	0	22,455
Marketplace Gas Program				
MMBTu (Primary)	22,895	14,926	0	14,926
Behavioral				
MMBTu (Primary)	17,761	0	0	0
LMI-Residential Gas				
MMBTu (Primary)	545	0	0	0
<i>Total Residential Sector Budget</i>	76,733	37,381	0	37,381
<i>Multifamily Sector</i>				
Multifamily Gas Program				
MMBTu (Primary)	10,022	6,132		6,132
LMI-Multifamily Gas				
MMBTu (Primary)	364	0		
<i>Total Multifamily Sector Budget</i>	10,386	6,132	0	6,132
Total Portfolio Budget	116,002	55,881	0	55,881

**TABLE 2-C: PRIMARY AND SECONDARY TARGETS ACQUIRED AND COMMITTED THIS YEAR
RG&E ELECTRIC**

PORTFOLIO (RG&E Electric)	Planned Annual Targets	Acquired This Year	Committed at Year End	Year Total
<i>Non-Residential Sector</i>				
C&I Electric Program				
MWh (Primary)	26,047	29,929	0	29,929
SBDI Program				
MWh (Primary)	9,784	11,079	0	11,079
Self Direct Program				
MWh (Primary)	160	183	0	183
Total Non-Residential Sector Budget	35,991	41,191	0	41,191
<i>Residential Sector</i>				
Residential Rebate				
MWh (Primary)	251	107	0	107
Marketplace Electric				
MWh (Primary)	729	970	0	970
Appliance Recycling				
MWh (Primary)	2,242	1,938	0	1,938
Energy Star Retail Products Platform				
MWh (Primary)	914	321	0	321
Behavioral				
MWh (Primary)	4,788	0	0	0
LMI-Residential Electric				
MWh (Primary)	609	0	0	0
Total Residential Sector Budget	9,533	3,336	0	3,336
Multifamily Program				
MWh (Primary)	3,500	2,014	0	2,014
LMI-Multifamily Electric				
MWh (Primary)	406		0	0
Total Multifamily Sector Budget	3,906	2,014	0	2,014
Total Portfolio Budget	49,430	46,541	0	46,541

**TABLE 2-C: PRIMARY AND SECONDARY TARGETS ACQUIRED AND COMMITTED THIS YEAR
RG&E GAS**

PORTFOLIO (RG&E Gas)	Planned Annual Targets	Acquired This Year	Committed at Year End	Year Total
<i>Non-Residential Sector</i>				
C&I Gas Program				
MMBTu (Primary)	45,760	117,690	0	117,690
Total Non-Residential Sector Budget	45,760	117,690	0	117,690
<i>Residential Sector</i>				
Residential Gas Program				
MMBTu (Primary)	71,509	59,059	0	59,059
Marketplace Gas Program				
MMBTu (Primary)	11,081	8,716	0	8,719
Behavioral				
MMBTu (Primary)	8,364	0	0	0
LMI-Residential Gas				
MMBTu (Primary)	227	0	0	0
Total Residential Sector Budget	91,181	67,775	0	67,775
<i>Multifamily Sector</i>				
Multifamily Gas Program				
MMBTu (Primary)	14,154	9,134	0	9,134
LMI-Multifamily Gas				
MMBTu (Primary)	151	0	0	0
Total Multifamily Sector Budget	14,305	9,134	0	9,134
Total Portfolio Budget	151,246	194,599	0	194,599

A discussion is provided below for any portfolio that had a variance of +/- 25% or greater between the planned targets and the actual acquired and committed amounts for 2019.

NYSEG and RG&E Residential Electric Rebate Program

The Companies' Electric Residential Rebate Programs started mid way through 2017. The program has included only one measure, Wi-Fi thermostats. In 2019 the program expanded to include air source head pump mini splits and heat pump hot water heaters. These measures were delayed in rolling out, causing the program to not meet target.

NYSEG and RG&E Electric Marketplace Program

The Companies' online Electric Marketplace launched several lighting promotions during 2019. As a result, product sales and corresponding electric savings exceeded forecast. In addition, a point of sale rebate program was launched at local retailers in-store and online in 2019. The associated energy savings were not forecasted under the marketplace program. For the 2020 program year, the point of sale rebate program target has been forecasted separately from the marketplace program.

NYSEG Gas Marketplace Program

The NYSEG online Marketplace gas targets are based primarily on thermostat sales and the expectation customers are using the thermostats to control gas heating. Thermostat rebates were increased at the end of September 2019 but did not produce sufficient gas savings for the program to achieve its target. For 2020, thermostat rebates will remain at increased levels so corresponding savings goals can be achieved.

NYSEG and RG&E Energy Star Retail Products Platform Programs

The Companies' Energy Star Retail Products Platform Programs launched in the later part of the third quarter of 2019 therefore did not meet anticipated savings.

NYSEG Residential Gas Program

NYSEG's residential gas program savings continued to lag behind the original planned target for 2019 despite the addition of new rebates for gas dryers and boiler tune-ups. The program plans to increase rebate amounts in 2020 to drive participation.

NYSEG and RG&E Behavior Electric and Gas Programs

The Companies originally scheduled a behavior program launch for the second half of 2019. Due to unforeseen delays and necessary coordination with other company initiatives, the program launch has been delayed until January 2021. In addition, the target established for this program was originally intended to cover the launch of other residential programs that were not identified at the time of the ETIP filing on February 19, 2019. For the ETIP update filing on March 1, 2020, the additional program targets were re-distributed to other residential and non-residential programs.

NYSEG and RG&E LMI- Residential Electric and Gas Programs

Savings for the residential LMI sector did not achieve targeted savings for two primary reasons. The Companies contracted with NYSERDA to expand the reach of the NYSERDA run LMI programs, Empower and Assisted Home Performance, within the Companies' service territories. Due to unforeseen delays, the contract process was not complete until the first quarter of 2020. In addition, the Companies issued a request for pricing (RFP) for LMI and other energy efficiency programs in December 2019. Additional LMI programs are anticipated to be up and running the second half of 2020.

NYSEG Multifamily Electric Program

This program finished 2019 under budget and above target savings which resulted in better than planned program cost-effectiveness. The Company began exploring and will continue in 2020 to explore opportunities for additional new measures to increase project comprehensiveness and program energy savings. The Company is also collaborating with the program implementation contractor to consider enhancements to program marketing in an effort to generate increased awareness and participation.

RG&E Multifamily Electric Program

This program finished 2019 under both budget and target savings due to attaining less than planned participation. This was due to the program implementation contractor's loss of Outreach staff in 2018, which had spillover effects into 2019. The program implementation contractor also took the step at the end of 2019 to replace its multifamily program manager. The Company is also collaborating with the program implementation contractor to consider enhancements to program marketing in an effort to generate increased awareness and participation. Also, the Company began exploring and will continue in 2020 to explore opportunities for additional new measures to increase project comprehensiveness, in addition to program energy savings and expenditures.

NYSEG and RG&E Multifamily Gas Program

The Companies' Multifamily Gas Programs finished 2019 under both budget and target savings due to attaining less than planned participation. This was due to the program implementation contractor's loss of Outreach staff in 2018, which had spillover effects into 2019. The program implementation contractor also took the step at the end of 2019 to replace its multifamily program manager. The Companies are also collaborating with the program implementation contractor to consider enhancements to program marketing in an effort to generate increased awareness and participation. Also, the Companies began exploring and will continue in 2020 to explore opportunities for additional new measures to increase project comprehensiveness, in addition to program energy savings and expenditures.

NYSEG and RG&E LMI-Multifamily Electric and Gas Programs

For 2019, the Companies addressed LMI multifamily sector opportunities and reported combined scorecard results under its Multifamily Program. In 2019 Q4, the Multifamily Program implementation contractor (IC) began tracking LMI activity separately within the Multifamily Program. In 2020, the IC will begin reporting LMI-Multifamily budget and savings separately from activity in the Multifamily Program. The Companies plan to launch a separate LMI-Multifamily program in 2020 following award of a program implementation contract and in collaboration with the Statewide LMI Program initiative under development.

NYSEG Self Direct Program

The NYSEG Self Direct Program has attracted few eligible participants. In an email dated November 30, 2018 NYSEG notified DPS of the Company's intention to conduct a survey of customers eligible to participate in the Program. Respondents who had not participated were either not aware of the Self-Direct program, or indicated it requires more effort on their part, with lower rebate amounts compared to other available energy efficiency programs. Based on survey responses, low customer participation in the Self-Direct program, and the Company's experience implementing numerous Non-Residential programs, NYSEG closed the Self-Direct program to accepting new project applications effective June 1, 2019.

NYSEG C&I Electric Program

This program finished the year 38% above its savings target and 29% under budget. Therefore, this program made cost-effective use of funding relative to the energy savings achieved.

NYSEG C&I Gas Program

This program finished 2019 under its savings target by 57% and 60% under budget due to lower than forecast participation of natural gas energy efficiency projects. Program cost-effectiveness was not significantly affected since budget and savings shortfalls were nearly proportionate.

RG&E C&I Gas Program

The program captured significant gas savings in 2019, the majority of which was savings from a Rochester based retrofit, a large project with high MMBTu savings.

2019 Evaluation Measurement and Verification (“EM&V”)

TABLE 3: EM&V ACTIVITY EXPENDITURES (Old Cycle)

EM&V Activity (Electric or Gas)	2019 Planned Expenditures (Remaining Budget)	2019 Expended	Encumbered	Total Expended and Encumbered
Activity 1- Commercial and Industrial Impact Evaluations (I-1)	\$598,991	\$598,366		\$598,366
Activity 2- Small Business Direct Install (SBDI) program targeted process evaluation for new SBDI program (P-2)	\$229	\$229		\$229
Activity 3- Silver Creek Pilot Program Impact Evaluation (I-2)	\$53,187	\$53,187		\$53,187
Activity 4- Residential Impact Evaluations (I-4)	\$369,411	\$368,783		\$368,783
Activity 5- Annual Residential and Non-Residential, electric and gas program marketing evaluation (P-1)	\$37,076	\$37,076		\$37,076
Activity 6- Gas and Electric Market Potential Study including Building Stock Assessment conducted jointly with National Grid	\$31,697	\$0		\$0
Activity 7- Energy Efficient Lighting Laboratory Testing (I-3)	\$28,934	\$28,934		\$28,934
Activity 8- M&V activities	\$131,242	\$131,242		\$131,242
Total EM&V Budget	\$1,250,767	\$1,217,817		\$1,217,817

TABLE 3.1: EM&V ACTIVITY EXPENDITURES (New Cycle)

EM&V Activity (Electric or Gas)	Planned Expenditures (Total Budget)	Expended	Encumbered	Total Expended and Encumbered
Activity 1: UEEP (Utility Energy Efficiency Programs 15-M-0252) On-Going Non-Res Electric and Gas Program Impact Evaluations (continuation of Task-I1 concurrent evaluation)	\$825,000	\$34,594		\$34,594
Activity 2: UEEP SBDI Process Evaluation	\$180,000	\$5,870		\$5,870
Activity 3 UEEP Portfolio Attribution Study	\$250,000	\$7,476		\$7,476
Activity 4: UEEP Residential Heat Pump Impact Evaluation Including On-Site Metering	\$450,000	\$0		\$0
Activity 5: UEEP Commercial and Industrial Process Evaluation	\$180,000	\$18,503		\$18,503
Activity 6: UEEP Residential Portfolio Process Evaluation	\$225,000	\$10,527		\$10,527
Activity 7: Residential Portfolio Impact Evaluation	\$350,000	\$26,725		\$26,725
Activity 8: UEEP Multifamily Program Impact and Integrated Process evaluation	\$750,000	\$32,304		\$32,304
Activity 9: UEEP Evaluation, Measurement and Verification (EMV) activity to be determined	\$550,000	\$120,805		\$120,805
Total EM&V Budget	\$3,760,000	\$256,804		\$256,804

TABLE 4: WITHDRAWN OR COMPLETED EM&V ACTIVITIES (Old Cycle)

EM&V Activity (Electric or Gas)	Status	Details as of December 2019
Activity 1- Commercial and Industrial Impact Evaluations (I-1)	Completed	All desk review and M&V site work completed in 2019. Final results, presentation and report submitted in Q1 of 2020. Study results to be incorporated into the C&I program's VGS specifications. Final Report Expected to be file on Q2 2020
Activity 2- Small Business Direct Install (SBDI) program targeted process evaluation for new SBDI program (P-2)	Withdrawn	Study cancelled because the new SBDI program that should have been the focus for this study was cancelled.
Activity 3- Silver Creek Pilot Program Impact Evaluation (I-2)	Completed	All M&V site work completed in 2018. Results, presentation and report finalized in Q2, 2019. Final Evaluation Report with all findings and recommendations was filed on June 27, 2019.
Activity 4- Residential Impact Evaluations (I-4)	Completed	All field work and data collection efforts completed in 2019. Final results and presentation finalized in Q1 of 2020. Study results to be incorporated the program's VGS specifications. Final Report expected to be file on Q2 2020.
Activity 5- Annual Residential and Non-Residential, electric and gas program marketing evaluation (P-1)	Completed	Completed Phase 2 in-depth research on multifamily program marketing strategy and approach. Provided recommendations. Marketing Process Evaluation Phase 1 (Commercial and Residential Sectors) and Phase 2 (Multifamily Program) Final reports complete Activity P-1 and were filed on September 30, 2019. Phase 3 of this study was cancelled.
Activity 6- Gas and Electric Market Potential Study including Building Stock Assessment conducted jointly with National Grid	Completed	Completed all gas and electric technical and economic potential estimates run. Completed NYSG/RG&E pieces of Potential Study in Q2 2020 and Final Report Expected to be file in Q2 2020.
Activity 7- Energy Efficient Lighting Laboratory Testing (I-3)	Completed	Completed aggregate analysis that identified the effects of distribution system voltage variation on lighting systems. Study results and conclusions were outlined in a report finalized in Q2 of 2019. Final Evaluation Report with all findings and recommendations was filed on June 27, 2019.
Activity 8- M&V activities	Completed	Completed: Provide support for 2018 C&I and SBDI measure level savings verifications, support of technical reviews for large electric and gas projects, BCA analysis for GSHP, ASHP and mini split heat pump systems in an effort to develop an appropriate 2019 program offering, technical assistances on the statewide initiative for heat pumps, TRM new measures technical reviews, Evaluation work planning for 2019-2021.

TABLE 4.1: WITHDRAWN OR COMPLETED EM&V ACTIVITIES (New Cycle)

EM&V Activity (Electric or Gas)	Status	Details as of December 2019
Activity 1: UEEP (Utility Energy Efficiency Programs 15-M-0252) On-Going Non-Res Electric and Gas Program Impact Evaluations (continuation of Task-II concurrent evaluation)	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019. Commenced tracking data review and sample design.
Activity 2: UEEP SBDI Process Evaluation	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 3 UEEP Portfolio Attribution Study	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 4: UEEP Residential Heat Pump Impact Evaluation Including On-Site Metering	On hold	Began to develop plans to verify the reported program savings through a combination of billing analysis, advanced on-site M&V and prototypical energy model analysis. However, these plans were put on hold as the launch of statewide heat pump program has been delayed and Staff is considering a joint utility evaluation effort.
Activity 5: UEEP Commercial and Industrial Process Evaluation	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 6: UEEP Residential Portfolio Process Evaluation	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 7: Residential Portfolio Impact Evaluation	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 8: UEEP Multifamily Program Impact and Integrated Process evaluation	Ongoing	Stakeholder (Implementers, Evaluators and Utility) EM&V kickoff meeting held November 2019. Work plan developed and submitted to the DPS in December 2019.
Activity 9: UEEP Evaluation, Measurement and Verification (EMV) activity to be determined	Ongoing	Commenced C&I, SBDI, online marketplace, multifamily, and residential rebate program savings verification audits for 2019. Provided technical support for 2019 TRM measure updates and additions. Conducted pre-implementation technical reviews to verify accurate supporting documentation and analysis methodology. Provided technical support during the statewide heat pump program 2019 planning period.

BENEFIT COST ANALYSIS (“BCA”)

BCA for program years 2019 and 2020 were modified using new avoided costs for electricity, natural gas, and CO2 from guidance provided by DPS Staff in 2018. Also program performance assumptions (cost and savings) were slightly modified based on actual program performance during calendar year 2017 and 2018. New BCA results for 2019 and 2020 were submitted in the Companies’ 2019-2020 Energy Efficiency Transition Implementation Plan /System Energy Efficiency Transition Implementation Plan (ETIP/SEEP) on February 19, 2019.