



New Jersey's Clean Energy Program Report
Submitted to the
New Jersey Board of Public Utilities

4QFY17 Final Report

Reporting Period:
July 1, 2016 through June 30, 2017

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I. Executive Summary

This document reports the results of New Jersey's Clean Energy Program (NJCEP), administered by the New Jersey Board of Public Utilities' (the "Board" or "NJBPU") Office of Clean Energy. Included are financial, tracking metric, energy savings/generation and emissions reduction data for the statewide energy efficiency and renewable energy programs. The success of these programs has been well documented in previous quarterly and annual reports for 2001 through Fiscal Year 2017. This report captures the progress of the clean energy programs in place during the period from July 1, 2016 through June 30, 2017 also referred to as 4QFY17.

In its role as NJCEP Program Administrator, TRC Energy Services (TRC), a division of TRC Environmental Corp., and members of its team including ICF International and CLEAResult manage the majority of the NJCEP programs and coordinates the activities of the Office of Clean Energy, the NJ Economic Development Authority and New Jersey's investor-owned electric and natural gas utilities as related to their involvement in the operation of the programs.

Section III of this report includes detailed worksheets showing:

1. Expenditures compared to budgets for each program;
2. Expenditures broken down by the following specific expense categories:
 - a. Administration & Program Development
 - b. Sales, Call Centers, Marketing and Website
 - c. Training
 - d. Rebates, Grants, and Other Direct Incentives
 - e. Rebate Processing, Inspections, and Other Quality Control
 - f. Evaluation and Related Research
3. Metric tracking results from implementation of any given program.
4. Annual electric and gas energy savings compared to annual goals.
5. Annual and lifetime:
 - a. electric and natural gas energy savings and demand reductions;
 - b. CHP and fuel cell electric capacity and generation; and
 - c. renewable energy capacity and generation; and
6. Annual and lifetime emissions reductions for Carbon Dioxide (CO₂), Nitric Oxide (NO_x), Sulfur Dioxide (SO₂) and Mercury (Hg)

The tables presented below summarize the program results reported in more detail in Section III. Table 1 (below) includes program budgets, actual expenditures for the FY and commitments for the energy efficiency programs, the renewable energy programs, the EDA programs, the TRUE Grant and for the Office of Clean Energy program administration costs. Committed expenditures in Tables 1-5 represent firm commitments that existed as of June 30, 2017 for incentives that will be paid upon project completion, which for certain programs such as Pay-for-Performance and Residential New Construction could be up to two years after the commitment is made. Committed expenses are paid out of the budget in the year the project is completed.

Table 1: Budgets and Expenditures

Summary of Budget and Expenditures Statewide: 4QFY17 (7/1/16 - 6/30/17)				
	Budget	Actual	Expenses Committed	Total
Energy Efficiency (EE)	\$288,856,162.25	\$154,637,291.80	\$103,660,828.60	\$258,298,120.40
Distributed Energy Resources	\$58,628,288.84	\$21,116,543.50	\$25,075,756.00	\$46,192,299.50
Renewable Energy (RE)	\$3,250,000.00	\$2,372,698.29	\$0.00	\$2,372,698.29
EDA Programs	\$10,294,671.80	\$2,550,185.58	\$3,010,804.35	\$5,560,989.93
Planning & Administration	\$10,529,912.74	\$7,460,630.65	\$2,185,196.25	\$9,645,826.90
*TRUE Grant	\$3,291,331.26	\$3,291,331.26	\$0.00	\$3,291,331.26
Total	\$374,850,366.89	\$191,428,681.08	\$133,932,585.20	\$325,361,266.28

Table 2 (below) includes program budgets, actual expenditures and outstanding commitments for the energy efficiency programs.

Table 2: Energy Efficiency Program Budgets and Expenses

Summary of Energy Efficiency Program Budgets and YTD Expenditures Statewide: 4QFY17 (7/1/16 - 6/30/17)				
Program	Budget	Actual	Expenses Committed	Total
RESIDENTIAL PROGRAMS				
Residential HVAC - Electric & Gas	\$13,947,000.00	\$9,526,528.55	\$0.00	\$9,526,528.55
Residential New Construction	\$19,428,037.50	\$7,673,107.88	\$11,224,950.50	\$18,898,058.38
Energy Efficient Products	\$24,532,000.00	\$27,925,026.68	\$0.00	\$27,925,026.68
Home Performance with Energy Star	\$31,201,953.41	\$20,050,969.19	\$5,378,359.58	\$25,429,328.77
Sub-Total: Residential Programs	\$89,108,990.91	\$65,175,632.30	\$16,603,310.08	\$81,778,942.38
RESIDENTIAL LOW INCOME				
Comfort Partners	\$30,000,000.00	\$28,865,148.52	\$0.00	\$28,865,148.52
Sub-Total: Residential Low Income	\$30,000,000.00	\$28,865,148.52	\$0.00	\$28,865,148.52
COMMERCIAL & INDUSTRIAL PROGRAMS				
C&I New Construction	\$3,902,244.07	\$2,358,677.39	\$874,235.89	\$3,232,913.28
C&I Retrofit	\$51,178,338.38	\$24,767,384.07	\$23,300,367.24	\$48,067,751.31
Pay-for-Performance New Construction	\$15,353,068.38	\$6,935,108.54	\$13,930,789.96	\$20,865,898.50
Pay-for-Performance	\$37,685,532.70	\$6,427,540.05	\$26,289,124.33	\$32,716,664.38
Local Government Energy Audit	\$3,129,802.00	\$2,069,746.58	\$2,270,299.48	\$4,340,046.06
Direct Install	\$28,657,079.40	\$9,270,197.87	\$15,185,786.52	\$24,455,984.39
Large Energy Users Program	\$20,141,106.40	\$8,621,725.77	\$6,228,910.59	\$14,850,636.36
Custom C&I Pilot	\$2,200,000.00	\$146,130.71	\$0.00	\$146,130.71
Sub-Total: C&I Programs	\$162,247,171.33	\$60,596,510.98	\$88,079,514.01	\$148,676,024.99
State Facilities Initiative	\$7,500,000.00	\$0.00	\$0.00	\$0.00
TOTAL Energy Efficiency Programs	\$288,856,162.24	\$154,637,291.80	\$104,682,824.09 #	\$259,320,115.89

Table 3 (below) includes program budgets, actual expenditures and outstanding commitments for the CHP programs.

Table 3: Distributed Energy Resources Budget and Expenses

Summary of Distributed Energy Resources Program Budgets and YTD Expenditures Statewide: 4QFY17 (7/1/16 - 6/30/17)				
Program	Budget	Actual	Expenses	
			Committed	Total
DISTRIBUTED ENERGY RESOURCES				
CHP-Fuel Cell: Large and Small	\$49,802,806.80	\$20,750,382.72	\$21,503,776.00	\$42,254,158.72
RE Storage	\$7,825,482.04	\$366,160.78	\$1,519,500.00	\$1,885,660.78
Microgrids	\$1,000,000.00	\$0.00	\$2,052,480.00	\$2,052,480.00
TOTAL CHP-Fuel Cell Programs	\$58,628,288.84	\$21,116,543.50	\$25,075,756.00	\$46,192,299.50

Table 4 (below) includes program budgets, actual expenditures and outstanding commitments for the renewable energy programs.

Table 4: Renewable Energy Program Budgets and Expenses

Summary of Renewable Program Budgets and YTD Expenditures Statewide: 4QFY17 (7/1/16 - 6/30/17)				
Program	Budget	Actual	Expenses	
			Committed	Total
RENEWABLE PROGRAMS				
Offshore Wind	\$450,000.00	\$0.00	\$0.00	\$0.00
Renewable Energy Incentive Program	\$2,800,000.00	\$2,372,698.29	\$0.00	\$2,372,698.29
TOTAL Renewable Energy Programs	\$3,250,000.00	\$2,372,698.29	\$0.00	\$2,372,698.29

Table 5 (below) includes program budgets, actual expenditures and outstanding commitments for the EDA programs.

Table 5: EDA Program Budgets and Expenses

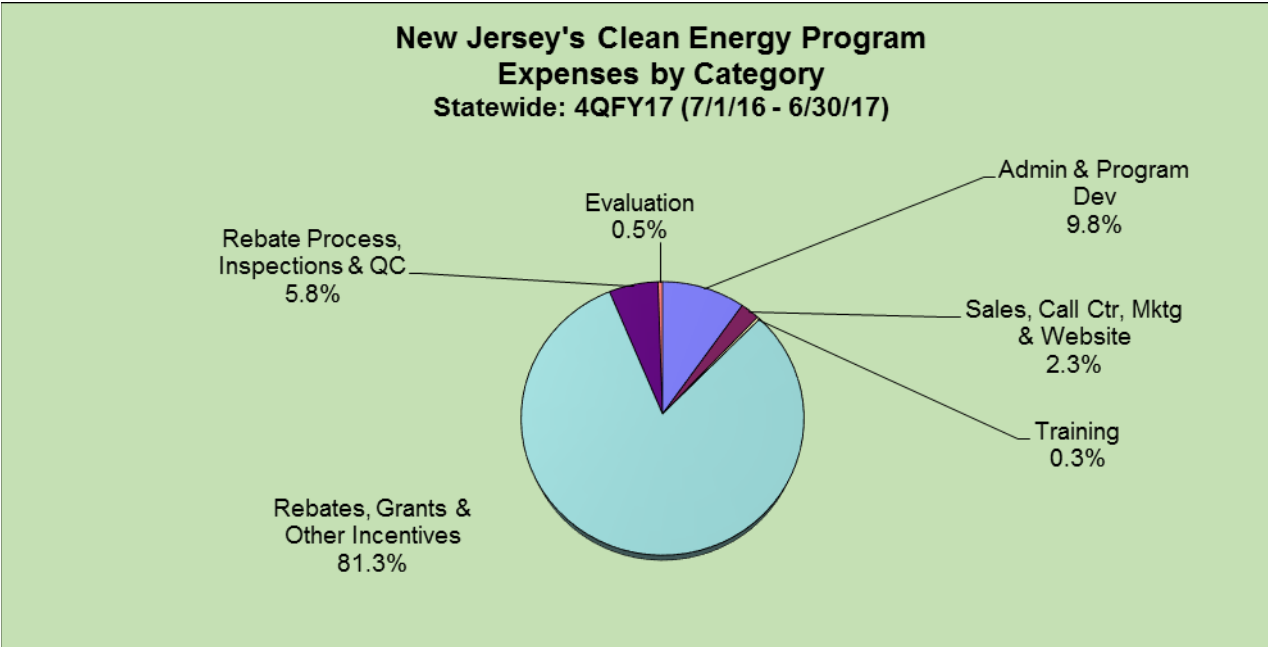
Summary of EDA Program Budgets and YTD Expenditures Statewide: 4QFY17 (7/1/16 - 6/30/17)				
Program	Budget	Actual	Expenses	
			Committed	Total
EDA PROGRAMS				
Edison Innovation Clean Energy Manufacturing Fund (CEMF)	\$4,404,359.54	\$75,092.79	\$1,010,804.35	\$1,085,897.14
Edison Innovation Green Growth Fund (EIGGF)	\$2,028,395.46	\$75,092.79	\$2,000,000.00	\$2,075,092.79
Large Scale CHP/Fuel Cells (LSCHP)	\$3,861,916.80	\$2,400,000.00	\$0.00	\$2,400,000.00
TOTAL EDA Programs	\$10,294,671.80	\$2,550,185.58	\$3,010,804.35	\$5,560,989.93

The Office of Clean Energy (OCE) strives to minimize administration costs thereby maximizing the percentage of funding spent on direct incentives for the installation of energy efficiency and renewable energy measures. Table 6 (below) compares the OCE's actual expenditures and outstanding commitments with its approved budget for program administration.

Table 6: NJCEP Administration

Summary of NJCEP Administration Statewide: 4QFY17 (7/1/16 - 6/30/17)				
Program	Budget	Actual	Expenses Committed	Total
ADMINISTRATION AND OVERHEAD EXPENSES				
OCE Program Administration	\$2,435,717.49	\$2,434,747.64	\$0.00	\$2,434,747.64
Program Transition	<u>\$637,129.73</u>	<u>\$0.00</u>	<u>\$672,847.22</u>	<u>\$672,847.22</u>
Sub-Total: Administration and Overhead Expenses	\$3,072,847.22	\$2,434,747.64	\$672,847.22	\$3,107,594.86
MARKETING (w/ CEP WEBSITE)				
Interim Marketing	<u>\$750,000.00</u>	<u>\$496,869.50</u>	<u>\$248,100.00</u>	<u>\$744,969.50</u>
Sub-Total: Marketing (w CEP Website)	\$750,000.00	\$496,869.50	\$248,100.00	\$744,969.50
OCE EVALUATION AND RELATED RESEARCH				
Rutgers-CEEEP	\$1,300,000.00	\$881,625.51	\$654,027.77	\$1,535,653.28
Program Evaluation	<u>\$929,473.48</u>	<u>\$4,235.88</u>	<u>\$150,000.00</u>	<u>\$154,235.88</u>
Sub-Total: OCE Evaluation and Related Research	\$2,229,473.48	\$885,861.39	\$804,027.77	\$1,689,889.16
OUTREACH AND EDUCATION				
Sustainable Jersey	\$675,065.89	\$366,060.28	\$309,005.61	\$675,065.89
NJIT CE Learning Center	\$512,409.20	\$451,975.06	\$112,258.76	\$564,233.82
Rutgers LESS	\$238,894.04	\$88,881.16	\$12.89	\$88,894.05
NJCERN	\$101,222.91	\$101,222.91	\$38,944.00	\$140,166.91
PA Outreach	<u>\$2,900,000.00</u>	<u>\$2,635,012.71</u>	<u>\$0.00</u>	<u>\$2,635,012.71</u>
Sub-Total: Outreach and Education	\$4,427,592.04	\$3,643,152.12	\$460,221.26	\$4,103,373.38
SPONSORSHIPS				
Sponsorships	<u>\$50,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Sponsorships	\$50,000.00	\$0.00	\$0.00	\$0.00
TOTAL NJCEP Administration	<u>\$10,529,912.74</u>	<u>\$7,460,630.65</u>	<u>\$2,185,196.25</u>	<u>\$9,645,826.90</u>

Table 7: Expenditures by Expense Category



As shown in Table 7 (above), 81.3% of 4QFY17 program expenditures were for rebates, grants and other incentives. This includes rebates and other direct incentives paid to participating customers, along with the cost of any measures installed in customer homes, and any payments made pursuant to any NJCEP grant.

The worksheets provided in Section III include detailed energy savings data, CHP-Fuel Cell generation data and renewable energy generation data by program. The annual and lifetime savings/generation data are for measures installed between July 1, 2016 and June 30, 2017. Savings include reductions in electric energy and natural gas usage as well as reductions in electric capacity requirements. CHP-Fuel Cell and renewable energy generation include both electric generation and capacity.

Annual savings/generation is equal to the annual savings/generation of any measure installed from July 1, 2016 through June 30, 2017. The lifetime savings/generation is the expected savings/generation over the expected life of a measure installed from July 1, 2016 through June 30, 2017. Measure lives range from 6 years for certain lighting such as CFLs to 25 years for renewable energy systems and new home measures.

Table 8 (below) summarizes annual and lifetime energy savings, CHP-Fuel Cell generation and renewable energy generation from measures installed from July 1, 2016 through June 30, 2017.

Table 8: Energy Savings/Energy Capacity and Generation

Summary of Energy Savings/Energy Capacity and Generation Statewide: 4QFY17 (7/1/16 - 6/30/17)			
	<u>Actual</u>	<u>Committed</u>	<u>Total</u>
<u>Demand</u>			
kW Reduced			
Energy Efficiency	75,431	280,465	355,896
CHP-Fuel Cell	1,673	0	1,673
kW Installed (Capacity)			
Renewable Energy	269,400	N/A	269,400
CHP-Fuel Cell	9,598	0	9,598
<u>Annual</u>			
MWh Saved			
Energy Efficiency	482,850	280,488	763,339
CHP-Fuel Cell	9,932	0	9,932
Dekatherms Saved			
Energy Efficiency	919,703	824,393	1,744,096
CHP-Fuel Cell	57,867	0	57,867
MWh Generated			
Renewable Energy	323,280	N/A	323,280
CHP-Fuel Cell	78,264	0	78,264
<u>Lifetime</u>			
MWh Saved			
Energy Efficiency	8,553,278	4,515,118	13,068,395
CHP-Fuel Cell	148,980	0	148,980
Dekatherms Saved			
Energy Efficiency	16,592,467	16,863,136	33,455,604
CHP-Fuel Cell	945,315	0	945,315
MWh Generated			
Renewable Energy	8,082,000	N/A	8,082,000
CHP-Fuel Cell	1,256,166	0	1,256,166

Reducing electric and natural gas usage and generating electricity using renewable sources of electricity reduces the greenhouse gases that would have been emitted if the saved electricity or natural gas was otherwise used or if the electricity was generated on the electric grid. CHP-Fuel Cell projects also reduce greenhouse gas emissions, since they tend to use cleaner technologies that produce fewer emissions than if the electricity was generated by the grid. Table 9 (below) summarizes the emission reductions that result from the installation of program measures.

Table 9: Annual Emissions Reductions

Summary of Annual Emissions Reductions Statewide: 4QFY17 (7/1/16 - 6/30/17)			
	Electric Programs	Gas Programs	All Programs
<u>CO₂ (Metric Tons)</u>			
Energy Efficiency	244,013	464,780	708,793
CHP-Fuel Cell	5,019	N/A	5,019
Renewable Energy	163,372	N/A	163,372
Total	412,405	464,780	877,185
<u>NO_X (Metric Tons)</u>			
Energy Efficiency	209	397	606
CHP-Fuel Cell	4	N/A	4
Renewable Energy	140	N/A	140
Total	352	397	750
<u>SO₂ (Metric Tons)</u>			
Energy Efficiency	485	N/A	485
CHP-Fuel Cell	10	N/A	10
Renewable Energy	325	N/A	325
Total	820	N/A	820
<u>Hg (Grams)</u>			
Energy Efficiency	1,019	N/A	1,019
CHP-Fuel Cell	21	N/A	21
Renewable Energy	682	N/A	682
Total	1,722	N/A	1,722

Additional information about New Jersey's Clean Energy Program can be found at www.njcleanenergy.com.

II. Introduction

This document reports the results of the New Jersey’s Clean Energy Program in FY17. With its 2001 Comprehensive Resource Analysis (“CRA”) Order, the Board required the implementation of new energy efficiency programs to replace existing Demand Side Management (“DSM”) programs, and the development of programs to foster new clean energy resources, such as those provided by renewable energy sources. Starting in 2007 and through 2015 the programs were managed by the OCE primarily through contracts with Honeywell Utility Solutions (Honeywell) and TRC. Starting in 2016 the programs were managed by the OCE through the NJCEP Program Administrator contract awarded to TRC and members of its implementation team including ICF International and CLEAResult.

Included in this report are financial, tracking metric, energy savings and emissions reduction data for the energy efficiency and renewable energy programs managed by the TRC team as well as New Jersey’s six investor-owned electric and natural gas utilities which continue to manage the Comfort Partners low-income program, i.e., Atlantic City Electric Company (“ACE”), Jersey Central Power & Light Co. (“JCP&L”), New Jersey Natural Gas Co. (“NJNG”), Elizabethtown Gas Co. (“E-Town”), Public Service Electric & Gas Co. (“PSE&G”), and South Jersey Gas Co. (“SJG”), by the NJ Economic Development Authority, and by the Board’s Office of Clean Energy. The success of these programs has been well documented in previous quarterly reports and annual reports for 2001 through Fiscal Year 2016.

This report presents program results for the period from July 1, 2016 through June 30, 2017 also referred to as 4QFY17. The data worksheets included in Section III have been formatted to reflect the Board’s actions in adding, deleting or modifying the lineup of programs offered through that time period. Program financial results for the period from July 1, 2016 through June 30, 2017 are measured against those budgets.

The Board approved the following FY17 Clean Energy Programs:

RESIDENTIAL ENERGY EFFICIENCY PROGRAMS

Residential HVAC – Electric & Gas
Residential New Construction
Residential Energy Efficient Products (Change-A-Light & Other,
Clothes Washers, Consumer Electronics and Large Appliance Turn-In)
Home Performance with ENERGY STAR®

RESIDENTIAL LOW INCOME PROGRAM

Comfort Partners

NON-RESIDENTIAL ENERGY EFFICIENCY PROGRAMS

Commercial & Industrial New Construction
Commercial & Industrial Retrofit
Pay-for-Performance New Construction
Pay-for-Performance
Combined Heat and Power
Local Government Energy Audit
Direct Install
Large Energy Users Program
Custom C&I Pilot

RENEWABLE ENERGY PROGRAMS

Offshore Wind
Renewable Energy Incentive Program (REIP)

EDA PROGRAMS

Edison Innovation Clean Energy Manufacturing Fund (CEMF)
Edison Innovation Green Growth Fund (EIGGF)
Large Scale CHP/Fuel Cells (LSCHP)

In addition, the Board approved a NJCEP Administration budget which includes staff salaries, Program Transition expenses, Sustainable Jersey, memberships and evaluation activities as well as a budget for True Grant.

Following are detailed reporting data worksheets that support the expense and metric tracking results.

Section III

4QFY17 Reporting Data Worksheets

The following tables provide cumulative information regarding various aspects of the New Jersey's Clean Energy Program (NJCEP) for the third Quarter of FY17, i.e., from July 1, 2016 through June 30, 2017. This data has been compiled by the NJCEP's current Program Administrator, TRC Environmental Corporation (TRC), using the NJCEP's Information Management System (IMS), a custom data tracking application administered and maintained by TRC.

Reported data includes: (1) expenses and commitments compared to approved budgets, (2) expenses by cost category, (3) electric savings, generation and gas and other fuel savings compared to goals, (4) electric savings, generation and gas and other fuel saving quantities, (5) calculated emissions reductions, and (6) metrics. All data is associated with NJCEP activity during the reporting period.

New Jersey's Clean Energy Program
Detailed Expense Data for 4QFY17

Statewide Summary: New Jersey's Clean Energy Program
 Reporting Period: July 1, 2016 - June 30, 2017

Program	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Energy Efficiency Programs	\$288,856,162.25	\$154,637,291.80	\$103,660,828.60	\$258,298,120.40	53.53%	89.42%
Distributed Energy Resources	\$58,628,288.84	\$21,116,543.50	\$25,075,756.00	\$46,192,299.50	36.02%	78.79%
Renewable Energy Programs	\$3,250,000.00	\$2,372,698.29	\$0.00	\$2,372,698.29	73.01%	73.01%
EDA Programs	\$10,294,671.80	\$2,550,185.58	\$3,010,804.35	\$5,560,989.93	24.77%	54.02%
Planning and Administration	\$10,529,912.74	\$7,460,630.65	\$2,185,196.25	\$9,645,826.90	70.85%	91.60%
TRUE Grant	\$3,291,331.26	\$3,291,331.26	\$0.00	\$3,291,331.26		
TOTAL	\$374,850,366.89	\$191,428,681.08	\$133,932,585.20	\$325,361,266.28	51.07%	86.80%

**New Jersey's Clean Energy Program
Budget vs. Expenses and Commitments**

Reporting Period: 07/01/16 to 06/30/17	NJCEP Total					
	Program/Budget Line	Total Budget	Total Expense	Actual Expenses as % of Budget	Balance of Budget	Commitments as of 6/30/17
Total NJCEP	\$374,850,366.89	\$191,428,681.08	51.07%	\$183,421,685.81	\$133,570,445.81	86.70%
EE Programs	\$288,856,162.25	\$154,637,291.80	53.53%	\$134,218,870.45	\$103,660,828.60	89.42%
Res EE Programs	\$89,108,990.91	\$65,175,632.30	73.14%	\$23,933,358.61	\$16,603,310.08	91.77%
HVAC	\$13,947,000.00	\$9,526,528.55	68.31%	\$4,420,471.45	\$0.00	68.31%
RNC	\$19,428,037.50	\$7,673,107.88	39.50%	\$11,754,929.62	\$11,224,950.50	97.27%
EE Products	\$28,256,000.00	\$27,925,026.68	98.83%	\$330,973.32	\$0.00	98.83%
HPwES	\$27,477,953.41	\$20,050,969.19	72.97%	\$7,426,984.22	\$5,378,359.58	92.54%
Res Low Income	\$30,000,000.00	\$28,865,148.52	96.22%	\$1,134,851.48	\$0.00	96.22%
Comfort Partners	\$30,000,000.00	\$28,865,148.52	96.22%	\$1,134,851.48	\$0.00	96.22%
C&I EE Programs	\$162,247,171.34	\$60,596,510.98	37.35%	\$101,650,660.36	\$87,057,518.52	91.01%
C&I NC	\$4,003,150.72	\$2,358,677.39	58.92%	\$1,644,473.33	\$874,235.89	80.76%
C&I EB	\$49,446,891.65	\$24,767,384.07	50.09%	\$24,679,507.58	\$23,300,367.24	97.21%
P4P NC	\$21,449,752.16	\$6,935,108.54	32.33%	\$14,514,643.62	\$13,930,789.96	97.28%
P4P EB	\$32,836,276.42	\$6,427,540.05	19.57%	\$26,408,736.37	\$26,289,124.33	99.64%
LGEA	\$4,578,905.10	\$2,069,746.58	45.20%	\$2,509,158.52	\$1,248,303.99	72.46%
DI	\$28,748,400.41	\$9,270,197.87	32.25%	\$19,478,202.54	\$15,185,786.52	85.07%
LEUP	\$19,042,596.33	\$8,621,725.77	45.28%	\$10,420,870.56	\$6,228,910.59	77.99%
Custom C&I Pilot	\$2,141,198.55	\$146,130.71	6.82%	\$1,995,067.84	\$0.00	6.82%
State Facilities Initiative	\$7,500,000.00	\$0.00	0.00%	\$7,500,000.00	\$0.00	0.00%
State Facilities Initiative	\$7,500,000.00	\$0.00	0.00%	\$7,500,000.00	\$0.00	0.00%
Distributed Energy Resources	\$58,628,288.84	\$21,116,543.50	36.02%	\$37,511,745.34	\$25,075,756.00	78.79%
CHP/Fuel Cell	\$49,802,806.80	\$20,750,382.72	41.67%	\$29,052,424.08	\$21,503,776.00	84.84%
RE Storage	\$6,773,002.04	\$366,160.78	5.41%	\$6,406,841.26	\$1,519,500.00	27.84%
Microgrids	\$2,052,480.00	\$0.00	0.00%	\$2,052,480.00	\$2,052,480.00	100.00%
RE Programs	\$3,250,000.00	\$2,372,698.29	73.01%	\$877,301.71	\$0.00	73.01%
Offshore Wind	\$450,000.00	\$0.00	0.00%	\$450,000.00	\$0.00	0.00%
SREC Registration	\$2,800,000.00	\$2,372,698.29	84.74%	\$427,301.71	N/A	0.00%
EDA Programs	\$10,294,671.80	\$2,550,185.58	24.77%	\$7,744,486.22	\$3,010,804.35	54.02%
CEMF	\$4,404,359.54	\$75,092.79	1.70%	\$4,329,266.75	\$1,010,804.35	24.66%
GGF	\$2,028,395.46	\$75,092.79	3.70%	\$1,953,302.67	\$2,000,000.00	102.30%
LSCHP Solicitation	\$3,861,916.80	\$2,400,000.00	62.15%	\$1,461,916.80	\$0.00	62.15%
Planning and Administration	\$10,529,912.74	\$7,460,630.65	70.85%	\$3,069,282.09	\$1,823,056.86	88.16%
BPU Program Administration	\$3,072,847.22	\$2,434,747.64	79.23%	\$638,099.58	\$637,129.73	99.97%
BPU Program Administration	\$2,435,717.49	\$2,434,747.64	99.96%	\$969.85	\$0.00	99.96%
Program Transition	\$637,129.73	\$0.00	0.00%	\$637,129.73	\$637,129.73	100.00%
Marketing (w/CEP website)	\$750,000.00	\$496,869.50	66.25%	\$253,130.50	\$248,100.00	99.33%
Interim Marketing	\$750,000.00	\$496,869.50	66.25%	\$253,130.50	\$248,100.00	99.33%
Program Evaluation/Analysis	\$2,229,473.48	\$885,861.39	39.73%	\$1,343,612.09	\$568,374.49	65.23%
Program Evaluation	\$929,473.48	\$4,235.88	0.46%	\$925,237.60	\$150,000.00	16.59%
CEEEP	\$1,300,000.00	\$881,625.51	67.82%	\$418,374.49	\$418,374.49	100.00%
Outreach and Education	\$4,427,592.04	\$3,643,152.12	82.28%	\$784,439.92	\$369,452.64	90.63%
Sustainable Jersey	\$675,065.89	\$366,060.28	54.23%	\$309,005.61	\$309,005.61	100.00%
NJIT Learning Center	\$512,409.20	\$451,975.06	88.21%	\$60,434.14	\$60,434.14	100.00%
Rutgers LESS	\$238,894.04	\$88,881.16	37.21%	\$150,012.88	\$12.89	37.21%
NJCERN	\$101,222.91	\$101,222.91	100.00%	\$0.00	\$0.00	100.00%
PA Outreach	\$2,900,000.00	\$2,635,012.71	90.86%	\$264,987.29	\$0.00	90.86%
Sponsorships	\$50,000.00	\$0.00	0.00%	\$50,000.00	\$0.00	0.00%
Sponsorships	\$50,000.00	\$0.00	0.00%	\$50,000.00	\$0.00	0.00%
TRUE Grant	\$3,291,331.26	\$3,291,331.26	100.00%	\$0.00	\$0.00	100.00%
TRUE Grant	\$3,291,331.26	\$3,291,331.26	100.00%	\$0.00	\$0.00	100.00%

**New Jersey's Clean Energy Program
Reported Expenses by Cost Category**

Reporting Period: 07/01/16 to 06/30/17
FY 2017

Program/Budget Line	Total Expenses FY17	Cost Category Budgets					
		Administration	Sales, Marketing, Website	Training	Rebates, Grants, and other Direct Incentives	Rebate Processing and QA	Evaluation
Total NJCEP	191,428,681.08	18,801,665.07	4,317,772.03	624,456.45	155,574,417.15	11,089,222.79	1,021,147.59
EE Programs	154,637,291.80	14,690,477.64	1,069,064.54	624,456.45	128,807,605.38	9,365,399.79	80,288.00
Res EE Programs	65,175,632.30	5,601,890.50	155,767.00	283,500.00	54,285,232.53	4,849,242.27	0.00
HVAC	9,526,528.55	1,529,015.85	38,941.84	202,500.00	7,203,756.03	552,314.83	0.00
RNC	7,673,107.88	1,539,458.45	38,941.72	0.00	5,545,003.50	549,704.21	0.00
EE Products	27,925,026.68	1,179,622.00	38,941.72	0.00	24,488,315.75	2,218,147.21	0.00
HPwES	20,050,969.19	1,353,794.20	38,941.72	81,000.00	17,048,157.25	1,529,076.02	0.00
Res Low Income	28,865,148.52	1,699,987.98	601,763.42	311,456.45	24,920,430.50	1,251,222.17	80,288.00
Comfort Partners	28,865,148.52	1,699,987.98	601,763.42	311,456.45	24,920,430.50	1,251,222.17	80,288.00
C&I EE Programs	60,596,510.98	7,388,599.16	311,534.12	29,500.00	49,601,942.35	3,264,935.35	0.00
C&I NC	2,358,677.39	939,028.12	38,941.72	0.00	1,272,926.56	107,780.99	0.00
C&I EB	24,767,384.07	1,530,671.97	38,941.84	0.00	21,139,048.12	2,058,722.14	0.00
P4P NC	6,935,108.54	961,440.41	38,941.72	12,500.00	5,779,591.53	142,634.88	0.00
P4P EB	6,427,540.05	1,108,433.65	38,941.84	4,500.00	4,774,697.95	500,966.61	0.00
LGEA	2,069,746.58	865,672.83	38,941.72	0.00	883,066.16	282,065.87	0.00
DI	9,270,197.87	938,501.39	38,941.72	12,500.00	8,162,817.23	117,437.53	0.00
LEUP	8,621,725.77	937,661.92	38,941.72	0.00	7,589,794.80	55,327.33	0.00
Custom C&I Pilot	146,130.71	107,188.87	38,941.84	0.00	0.00	0.00	0.00
State Facilities Initiative	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State Facilities Initiative	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Distributed Energy Resources	21,116,543.50	737,202.60	77,883.56	0.00	20,067,341.10	234,116.24	0.00
CHP/Fuel Cell	20,750,382.72	458,595.61	38,941.84	0.00	20,067,341.10	185,504.17	0.00
RE Storage	366,160.78	278,606.99	38,941.72	0.00	0.00	48,612.07	0.00
Microgrids	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RE Programs	2,372,698.29	789,051.61	38,941.72	0.00	0.00	1,489,706.76	54,998.20
Offshore Wind	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SREC Registration	2,372,698.29	789,051.61	38,941.72	0.00	0.00	1,489,706.76	54,998.20
EDA Programs	2,550,185.58	150,185.58	0.00	0.00	2,400,000.00	0.00	0.00
CEMF	75,092.79	75,092.79	0.00	0.00	0.00	0.00	0.00
GGF	75,092.79	75,092.79	0.00	0.00	0.00	0.00	0.00
LSCHP Solicitation	2,400,000.00	0.00	0.00	0.00	2,400,000.00	0.00	0.00
Planning and Administration	7,460,630.65	2,434,747.64	3,131,882.21	0.00	1,008,139.41	0.00	885,861.39
BPU Program Administration	2,434,747.64	2,434,747.64	0.00	0.00	0.00	0.00	0.00
BPU Program Administration	2,434,747.64	2,434,747.64	0.00	0.00	0.00	0.00	0.00
Program Transition	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marketing (w/CEP website)	496,869.50	0.00	496,869.50	0.00	0.00	0.00	0.00
New Marketing Contract	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Interim Marketing	496,869.50	0.00	496,869.50	0.00	0.00	0.00	0.00
Program Evaluation/Analysis	885,861.39	0.00	0.00	0.00	0.00	0.00	885,861.39
Program Evaluation	4,235.88	0.00	0.00	0.00	0.00	0.00	4,235.88
CEEEP	881,625.51	0.00	0.00	0.00	0.00	0.00	881,625.51
Outreach and Education	3,643,152.12	0.00	2,635,012.71	0.00	1,008,139.41	0.00	0.00
Sustainable Jersey	366,060.28	0.00	0.00	0.00	366,060.28	0.00	0.00
NJIT Learning Center	451,975.06	0.00	0.00	0.00	451,975.06	0.00	0.00
Rutgers LESS	88,881.16	0.00	0.00	0.00	88,881.16	0.00	0.00
NJCERN	101,222.91	0.00	0.00	0.00	101,222.91	0.00	0.00
PA Outreach	2,635,012.71	0.00	2,635,012.71	0.00	0.00	0.00	0.00
Sponsorships	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sponsorships	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRUE Grant	3,291,331.26	0.00	0.00	0.00	3,291,331.26	0.00	0.00
TRUE Grant	3,291,331.26	0.00	0.00	0.00	3,291,331.26	0.00	0.00

New Jersey's Clean Energy Program
Electric Energy Savings vs. Annual Goals for Fiscal Year 2017

Statewide Summary: Energy Efficiency Programs Reporting Period: 07-01-16 to 06-30-17 (Energy Savings)	Annual Savings			Lifetime Savings		
	Annual Goal	Actual YTD	Actual YTD as % of Goal	Annual Goal	Actual YTD	Actual YTD as % of Goal
	MWh	MWh	%	MWh	MWh	%
RESIDENTIAL PROGRAMS						
Residential HVAC - Electric & Gas	5,256	2,568	49%	92,494	40,884	44%
Residential New Construction	6,540	3,382	52%	163,497	67,639	41%
Energy Efficient Products (All Products)	169,462	239,127	141%	3,209,436	4,636,654	144%
Home Performance with ENERGY STAR	3,510	3,173	90%	59,262	55,036	93%
Sub-Total: Residential EE Programs	184,768	248,249	134%	3,524,689	4,800,214	136%
COMMERCIAL & INDUSTRIAL PROGRAMS						
C&I New Construction	4,373	10,721	245%	67,074	162,150	242%
C&I Retrofit	131,194	150,194	114%	1,970,706	2,387,062	121%
Pay-for-Performance New Construction	7,785	10,355	133%	131,399	177,085	135%
Pay-for Performance	14,044	11,101	79%	226,637	185,746	82%
Direct Install	35,520	14,816	42%	516,962	222,758	43%
Large Energy Users Program	42,205	32,235	76%	759,687	580,237	76%
Sub-Total: C&I Programs	235,121	229,422	98%	3,672,465	3,715,038	101%
TOTAL Energy Efficiency Programs	419,889	477,671	114%	7,197,154	8,515,252	118%

New Jersey's Clean Energy Program
Gas and Other Fuel Energy Savings vs. Annual Goals for Fiscal Year 2017

Statewide Summary: Energy Efficiency Programs Reporting Period: 07-01-16 to 06-30-17 (Energy Savings)	Annual Savings			Lifetime Savings		
	Annual Goal	Actual YTD	Actual YTD as % of Goal	Annual Goal	Actual YTD	Actual YTD as % of Goal
	MMBtu	MMBtu	%	MMBtu	MMBtu	%
RESIDENTIAL PROGRAMS						
Residential HVAC - Electric & Gas	230,550	167,131	72%	4,430,904	3,214,650	73%
Residential New Construction	64,439	47,825	74%	1,610,986	956,508	59%
Energy Efficient Products (All Products)	8,290	17,745	214%	91,728	198,603	217%
Home Performance with ENERGY STAR	91,862	105,907	115%	2,117,742	2,320,090	110%
Sub-Total: Residential EE Programs	395,141	338,609	86%	8,251,360	6,689,851	81%
COMMERCIAL & INDUSTRIAL PROGRAMS						
C&I New Construction	6,004	16,633	277%	105,122	309,062	294%
C&I Retrofit	94,551	196,062	207%	1,484,514	3,034,411	204%
Pay-for-Performance New Construction	36,923	36,902	100%	632,785	598,626	95%
Pay-for Performance	97,546	72,277	74%	1,799,608	1,513,699	84%
Direct Install	76,039	35,013	46%	1,208,075	563,775	47%
Large Energy Users Program	12,846	190,612	1484%	231,228	3,431,012	1484%
Sub-Total: C&I Programs	323,910	547,499	169%	5,461,333	9,450,585	173%
TOTAL Energy Efficiency Programs	719,051	886,108	123%	13,712,693	16,140,436	118%

**New Jersey's Clean Energy Program
Electric Savings for Fiscal Year 2017**

Statewide Summary: Energy Efficiency Programs
Reporting Period: 07-01-16 to 06-30-17
(Energy Savings)

Program	Demand Savings			Annual Savings			Lifetime Savings		
	Installed kW	Committed kW	Installed and Committed kW	Installed MWh	Committed MWh	Installed and Committed MWh	Installed MWh	Committed MWh	Installed and Committed MWh
RESIDENTIAL PROGRAMS									
Residential HVAC - Electric & Gas	1,914		1,914	2,568		2,568	40,884		40,884
Residential New Construction ⁽¹⁾	6,500	8,606	15,106	3,382	4,478	7,860	67,639	89,555	157,194
Energy Efficient Products (All Products)	20,695		20,695	239,127		239,127	4,636,654		4,636,654
<i>Energy Star Clothes Washers</i>	116		116	1,225		1,225	13,470		13,470
<i>Energy Star Clothes Dryers</i>	54		54	613		613	7,361		7,361
<i>Energy Star Refrigerators</i>	75		75	637		637	7,639		7,639
<i>Energy Efficient Lighting</i>	19,763		19,763	232,001		232,001	4,573,523		4,573,523
<i>Refrigerator/Freezer Recycling Program</i>	613		613	4,015		4,015	32,118		32,118
<i>Consumer Electronics</i>	74		74	636		636	2,543		2,543
Home Performance with Energy Star	924	925	1,849	3,173	3,049	6,222	55,036	51,859	106,895
Sub-Total: Residential EE Programs	30,033	9,531	39,565	248,249	7,527	255,777	4,800,214	141,414	4,941,627
RESIDENTIAL LOW INCOME PROGRAMS									
Comfort Partners	719		719	5,179		5,179	38,026		38,026
Sub-Total: Residential Low Income Programs	719		719	5,179		5,179	38,026		38,026
COMMERCIAL & INDUSTRIAL PROGRAMS									
C&I New Construction	2,126	1,772	3,898	10,721	8,801	19,522	162,150	161,262	323,412
C&I Retrofit	26,408	28,139	54,547	150,194	155,574	305,768	2,387,062	2,439,088	4,826,150
Pay-for-Performance New Construction	5,150	13,616	18,766	10,355	22,903	33,258	177,085	402,246	579,331
Pay-for Performance ⁽²⁾	2,996	8,453	11,449	11,101	41,096	52,197	185,746	663,625	849,371
Direct Install	3,153	5,127	8,280	14,816	24,072	38,888	222,758	360,553	583,311
Large Energy Users Program	4,846	3,344	8,190	32,235	20,515	52,750	580,237	346,930	927,167
Sub-Total: C&I Programs	44,679	60,451	105,130	229,422	272,961	502,383	3,715,038	4,373,704	8,088,742
TOTAL Energy Efficiency Programs	75,431	69,982	145,413	482,850	280,488	763,339	8,553,278	4,515,118	13,068,395

(1) CLEARResult will not calculate or provide savings associated with committed projects in the RNC program.

(2) The numbers listed above for Pay-for-Performance include gas savings from PAP projects that **DO NOT** include CHP.

**New Jersey's Clean Energy Program
Gas and Other Fuel Savings for Fiscal Year 2017**

Statewide Summary: Energy Efficiency Programs Reporting Period: 07-01-16 to 06-30-17 (Energy Savings)	Annual Savings			Lifetime Savings		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu
RESIDENTIAL PROGRAMS						
Residential HVAC - Electric & Gas	167,131		167,131	3,214,650		3,214,650
Residential New Construction ⁽¹⁾	47,825	63,321	111,146	956,508	1,266,426	2,222,934
Energy Efficient Products	17,745		17,745	198,603		198,603
<i>Energy Star Clothes Washers</i>	14,334		14,334	157,671		157,671
<i>Energy Star Clothes Dryers</i>	3,411		3,411	40,932		40,932
Home Performance with ENERGY STAR	105,907	112,801	218,708	2,320,090	2,472,830	4,792,921
Sub-Total: Residential EE Programs	338,609	176,122	514,731	6,689,851	3,739,256	10,429,108
RESIDENTIAL LOW INCOME PROGRAMS						
Comfort Partners	33,595	0	33,595	452,031	0	452,031
Sub-Total: Residential Low Income Programs	33,595		33,595	452,031		452,031
COMMERCIAL & INDUSTRIAL PROGRAMS						
C&I New Construction	16,633	2,848	19,481	309,062	72,791	381,853
C&I Retrofit	196,062	72,366	268,428	3,034,411	1,289,784	4,324,195
Pay-for-Performance New Construction	36,902	96,883	133,785	598,626	1,954,110	2,552,736
Pay-for Performance	72,277	382,935	455,212	1,513,699	8,186,334	9,700,033
Direct Install	35,013	76,780	111,793	563,775	1,324,603	1,888,378
Large Energy Users Program	190,612	16,459	207,071	3,431,012	296,258	3,727,270
Sub-Total: C&I Programs	547,499	648,271	1,195,770	9,450,585	13,123,880	22,574,465
TOTAL Energy Efficiency Programs	919,703	824,393	1,744,096	16,592,467	16,863,136	33,455,604

(1) CLEAResult will not calculate or provide savings associated with committed projects in the RNC program.

**New Jersey's Clean Energy Program
Gas Savings for Fiscal Year 2017**

Statewide Summary: All CHP/Fuel Cell/BioPower Programs Reporting Period: 07-01-16 to 06-30-17 (Energy Savings)	Annual Savings			Lifetime Savings		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu
CHP/Fuel Cell/BioPower	42,405		42,405	636,075		636,075
Large Scale CHP/Fuel Cells	15,462		15,462	309,240		309,240
TOTAL CHP	57,867	0	57,867	945,315	0	945,315

**New Jersey's Clean Energy Program
CHP Electric Generation for Fiscal Year 2017**

Statewide Summary: All CHP/Fuel Cell/BioPower Programs Reporting Period: 07-01-16 to 06-30-17 (Electric Generation)	Capacity			Annual Generation			Lifetime Generation		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
CHP/Fuel Cell/BioPower	7,598		7,598	61,823		61,823	927,345		927,345
Large Scale CHP/Fuel Cells (EDA)	2,000		2,000	16,441		16,441	328,821		328,821
TOTAL CHP	9,598	0	9,598	78,264	0	78,264	1,256,166	0	1,256,166

(1) The committed energy generation listed above for EDA's LSCHP program **DOES NOT** include savings for New CMC, Inc., Verizon or Barnabas. This information will be added to the report as soon as it becomes available.

**New Jersey's Clean Energy Program
RE Electric Generation for Fiscal Year 2017**

Statewide Summary: Renewable Energy Programs Reporting Period: 07-01-16 to 06-30-17 (Electric Generation)	Capacity			Annual Generation			Lifetime Generation		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
SREC Registration	269,400		269,400	323,280		323,280	8,082,000		8,082,000
TOTAL Renewable Energy Programs	269,400	0	269,400	323,280	0	323,280	8,082,000	0	8,082,000

**New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2017**

Statewide Summary: New Jersey's Clean Energy Program
Reporting Period: 07-01-16 to 06-30-17

Program	Annual Emissions Reductions				Lifetime Emissions Reductions			
	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)
Energy Efficiency Programs (Electric)	244,013	209	485	1,018.8145	4,322,477	3,693	8,592	18,047.4157
Energy Efficiency Programs (Gas)	464,780	397			8,385,154	7,165		
All CHP/Fuel Cell Programs	5,019	4	10	20.9565	75,288	64	150	314.3478
Renewable Energy Programs	163,372	140	325	682.1208	4,084,312	3,490	8,119	17,053.0200
TOTAL - All Programs	877,185	750	820	1,721.8918	16,867,231	14,413	16,861	35,414.7835

**New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2017**

Statewide Summary: Energy Efficiency Programs (Electric)
Reporting Period: 07-01-2015 thru 06-30-2016

Program	Annual Emissions Reductions				Lifetime Emissions Reductions			
	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)
RESIDENTIAL PROGRAMS								
Residential HVAC - Electric & Gas	1,298	1	3	5.4175	20,661	18	41	86.2663
Residential New Construction	1,709	1	3	7.1360	34,182	29	68	142.7183
Energy Efficient Products (All Products)	120,845	103	240	504.5580	2,343,175	2,002	4,658	9,783.3399
Energy Star Clothes Washers	619	1	1	2.5848	6,807	6	14	28.4217
Energy Star Clothes Dryers	310	0	1	1.2934	3,720	3	7	15.5317
Energy Star Refrigerators	322	0	1	1.3441	3,860	3	8	16.1183
Energy Efficient Lighting	117,244	100	233	489.5221	2,311,271	1,975	4,594	9,650.1335
Refrigerator/Freezer Recycling Program	2,029	2	4	8.4717	16,231	14	32	67.7690
Consumer Electronics	321	0	1	1.3420	1,285	1	3	5.3657
Home Performance with ENERGY STAR	1,603	1	3	6.6947	27,813	24	55	116.1265
Sub-Total: Residential EE Programs	125,455	107	249	523.8062	2,425,832	2,073	4,822	10,128.4510
RESIDENTIAL LOW INCOME PROGRAMS								
Comfort Partners	2,617	2	5	10.9279	19,217	16	38	80.2344
Sub-Total: Residential Low Income Programs	2,617	2	5	10.9279	19,217	16	38	80.2344
COMMERCIAL & INDUSTRIAL PROGRAMS								
C&I New Construction	5,418	5	11	22.6213	81,944	70	163	342.1365
C&I Retrofit	75,902	65	151	316.9093	1,206,323	1,031	2,398	5,036.7008
Pay-for-Performance New Construction	5,233	4	10	21.8491	89,492	76	178	373.6494
Pay-for-Performance ⁽¹⁾	5,610	5	11	23.4231	93,868	80	187	391.9241
Direct Install	7,487	6	15	31.2618	112,573	96	224	470.0194
Large Energy Users Program	16,290	14	32	68.0159	293,228	251	583	1,224.3001
Custom C&I Pilot								
Sub-Total: C&I Programs	115,940	99	230	484.0804	1,877,428	1,604	3,732	7,838.7302
TOTAL Energy Efficiency Programs	244,013	209	485	1,018.8145	4,322,477	3,693	8,592	18,047.4157

(1) The numbers listed above for Pay-for-Performance include emissions reductions from P4P projects that **DO NOT** include CHP.

**New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2017**

Statewide Summary: Energy Efficiency Programs (Gas)
Reporting Period: 07-01-16 to 06-30-17

Program	Annual Emissions Reductions		Lifetime Emissions Reductions	
	CO ₂ (metric tons)	NO _x (metric tons)	CO ₂ (metric tons)	NO _x (metric tons)
RESIDENTIAL PROGRAMS				
Residential HVAC - Electric & Gas	84,461	72	1,624,552	1,388
Residential New Construction	24,169	21	483,380	413
Energy Efficient Products	8,968	8	100,366	86
<i>Energy Star Clothes Washers</i>	7,244	6	79,680	68
<i>Energy Star Clothes Dryers</i>	1,724	1	20,685	18
Home Performance with ENERGY STAR	53,521	46	1,172,479	1,002
Sub-Total: Residential EE Programs	171,119	146	3,380,777	2,889
RESIDENTIAL LOW INCOME PROGRAMS				
Comfort Partners	16,978	15	228,438	195
Sub-Total: Residential Low Income Programs	16,978	15	228,438	195
COMMERCIAL & INDUSTRIAL PROGRAMS				
C&I New Construction	8,406	7	156,187	133
C&I Retrofit	99,082	85	1,533,467	1,310
Pay-for-Performance New Construction	18,649	16	302,521	258
Pay-for-Performance ⁽¹⁾	36,526	31	764,962	654
Direct Install	17,694	15	284,909	243
Large Energy Users Program	96,328	82	1,733,893	1,482
Sub-Total: C&I Programs	276,684	236	4,775,939	4,081
TOTAL Energy Efficiency Programs	464,780	397	8,385,154	7,165

(1) The numbers listed above for Pay-for-Performance include emissions reductions from P4P projects that **DO NOT** include CHP.

**New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2017**

Statewide Summary: All CHP/Fuel Cell Programs
Reporting Period: 07-01-16 to 06-30-17

Program	Annual Emissions Reductions				Lifetime Emissions Reductions			
	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)
CHP-Fuel Cell: Large and Small	5,019.2265	4.2888	9.9771	20.9565	75,288.3974	64.3323	149.6572	314.3478
Large Scale CHP/Fuel Cells	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL All CHP/Fuel Cell Programs	5,019.2265	4.2888	9.9771	20.9565	75,288.3974	64.3323	149.6572	314.3478

**New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2017**

Statewide Summary: Renewable Energy Programs
Reporting Period: 07-01-16 to 06-30-17

Program	Annual Emissions Reductions				Lifetime Emissions Reductions			
	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)	CO ₂ (metric tons)	NO _x (metric tons)	SO ₂ (metric tons)	Hg (grams)
SREC Registration	163372.4869	139.5982	324.7495	682.1208	4084312.1727	3489.9545	8118.7364	17053.0200
TOTAL Renewable Energy Programs	163372.4869	139.5982	324.7495	682.1208	4084312.1727	3489.9545	8118.7364	17053.0200

New Jersey's Clean Energy Program
Tracking Metrics for Fiscal Year 2017

Statewide Summary: Energy Efficiency Programs
Reporting Period: 07-01-16 to 06-30-17

Program - Tracking Metric	Actual YTD
RESIDENTIAL PROGRAMS	
Residential HVAC - <i>COOL Advantage Completed Applications</i>	5,475
Residential HVAC - <i>WARM Advantage Completed Applications</i>	13,784
Residential New Construction - <i>Enrollments</i>	4,781
Residential New Construction - <i>Completions</i>	3,611
Energy Efficient Products - <i>Change a Light - CFLs and LEDs Distributed</i>	6,602,998
Energy Efficiency Products - <i>Clothes Washer Applications Completed</i>	21,117
Energy Efficiency Products - <i>Clothes Dryer Applications Completed</i>	8,832
Energy Efficiency Products - <i>Large Appliance Recycling Applications Completed</i>	5,378
Energy Efficiency Products - <i>Consumer Electronics Applications Completed</i>	5,585
Energy Efficiency Products - <i>Refrigerator Applications Completed</i>	10,597
Home Performance with ENERGY STAR - <i>Tier 2 Enrollments</i>	646
Home Performance with ENERGY STAR - <i>Tier 2 Completions</i>	3,663
Home Performance with ENERGY STAR - <i>Tier 3 Enrollments</i>	952
Home Performance with ENERGY STAR - <i>Tier 3 Completions</i>	3,279
RESIDENTIAL LOW INCOME PROGRAMS	
Comfort Partners - <i>Homes Completed</i>	4,373
COMMERCIAL & INDUSTRIAL PROGRAMS	
C&I New Construction - <i>Applications Approved</i>	114
C&I New Construction - <i>Applications Completed</i>	110
C&I Retrofit - <i>Applications Completed</i>	2,776
Pay-for Performance New Construction - <i>Proposed ERP Approvals</i>	20
Pay-for Performance New Construction - <i>As Built Energy Reduction Plans Completed</i>	16
Pay-for Performance New Construction - <i>Commissioning Reports Completed</i>	15
Pay-for Performance - <i>Approved Energy Reduction Plans</i>	88
Pay-for Performance - <i>Installations Completed (Non-CHP)</i>	38
Pay-for Performance - <i>Installations Completed (CHP)</i>	0
Pay-for Performance - <i>M&V Reports Completed</i>	17
Local Government Energy Audit - <i>Audits Reviewed and Processed</i>	568
Local Government Energy Audit - <i>Audits Rebated</i>	232
Direct Install - <i>Applications Completed</i>	345
Large Energy Users Program - <i>Approved FEEPs</i>	6

New Jersey's Clean Energy Program
Tracking Metrics for Fiscal Year 2017

Statewide Summary: CHP-Fuel Cell-BioPower / Renewable Energy / EDA Programs
Reporting Period: 07-01-16 to 06-30-17

Program - Tracking Metric	Actual YTD
CHP/FUEL CELL/BIO POWER PROGRAMS	
CHP/Fuel Cell/BioPower/ES - <i>Approved Applications</i>	19
CHP/Fuel Cell/BioPower/ES - <i>Completed Installations</i>	19
RENEWABLE PROGRAMS	
SREC Registration - <i>Applications Accepted</i>	27,176
SREC Registration - <i>Applications Completed</i>	25,593
EDA PROGRAMS	
Edison Innovation Clean Energy Manufacturing Fund (CEMF) - <i>Completed Grants</i>	0
Edison Innovation Clean Energy Manufacturing Fund (CEMF) - <i>Number of Open Grants</i>	0
Edison Innovation Green Growth Fund (EIGGF) - <i>Completed Grants</i>	0
Edison Innovation Green Growth Fund (EIGGF) - <i>Number of Open Grants</i>	0
Large Scale CHP/Fuel Cells - <i>Number of Approved Grants</i>	0
Large Scale CHP/Fuel Cells - <i>Number of Completed Grants</i>	0
Large Scale CHP/Fuel Cells - <i>Number of Open Grants</i>	0

Section V

Notes and Definitions

Notes	
1	For Utility Comfort Partners actual participation figures represent results reported by electric utilities only.
2	Expenses for the REC Certificates/SREC Program are reported in the Renewable Energy Incentive Program (REIP) worksheets. The capacity, generation and emissions reductions for the REC Certificate/SREC Program are reported separately from the Renewable Energy Incentive Program (REIP).

Definitions	
1	A commitment exists where the associated customer has received a letter of commitment or other signed agreement from the NJCEP and the project is slated for completion prior to an expiration date. Once completed and paid, a committed project is shifted from "Committed" to "Installed". Committed figures are adjusted to reflect any commitments that are cancelled.
2	Committed Expenditures are those expenditures related to commitments made in the reporting period, but not expected to arise until some future reporting period. A committed expenditure may also be represented by a contractor who has completed the work, but has yet to be paid.
3	Administration and Program Development Expenditures are direct labor and employee overhead costs incurred in developing and managing the New Jersey's Clean Energy Programs by the NJBPU's Office of Clean Energy, the utility program managers, the Economic Development Authority, or any other program manager, except those costs that are appropriately allocated to any of the other expense categories described below, plus the costs of facilities (including telephone, computers, supplies, etc.) and legal support services. For the NJCEP Market Managers, Administration and Program Development Expenditures are those costs identified in the market manager contracts as "Program Administration" costs.
4	Sales, Call Centers, Marketing and Website Expenditures - Sales and Call Center Expenditures are expenses related to the enrollment of program participants and in working with trade allies. This category includes activities that close leads and those that involve direct interaction with customers, either in person or over the telephone. It also includes inbound and outbound telemarketing and call center activities. - Marketing and Website Expenditures are costs incurred for advertising, promotions, third-party or internal marketing, advertising agency activities and services, postage, and exhibits and trade shows. Marketing activities are those that generate leads and general program awareness and include the development and production of collateral materials such as brochures, direct mail materials, etc.
5	Training Expenditures are costs related to training including the planning and execution of training events, seminar materials, etc.
6	Rebates, Grants and Other Direct Incentives are rebates and other direct incentives paid to participating customers, along with the cost of any measures installed in customer homes, and any payments made pursuant to any Clean Energy Program grant.
7	Rebate Processing, Inspections and Other Quality Control Expenditures are costs incurred in processing and tracking rebate, grant and other program applications and payments, and in inspecting qualified projects to ensure compliance with program requirements and other quality control measures.
8	Evaluation and Related Research Expenditures are costs related to market research and program evaluation, including the collection and input of information, technical support, collaborative input, process support, and any required outside studies.
9	Performance Incentives are costs related to any performance incentives awarded to Market Managers or other program managers pursuant to an NJBPU Order.
10	Installed Savings represents the savings accrued as a result of the initiation of a given program and the installation of recorded measures.
11	Committed Savings represents the savings that will accrue from commitments for program participation made in the reporting period, but scheduled for installation in future reporting periods.
12	Annual Savings means the yearly (12 months) savings that will result from a measure installed or committed to during the program year.
13	Lifetime Savings means the savings to be accrued over the expected life of a measure installed or committed to during the program year.
14	DEP Emissions Reduction Factors for electric programs are as follows: - CO2 (Carbon Dioxide) emissions are reduced by 1,111.79 lbs per MWh saved - NOx (Nitric Oxide) emissions are reduced by 0.95 lbs. per MWh saved - SO2 (Sulfur Dioxide) emissions are reduced by 2.21 lbs per MWh saved - Hg (Mercury) emissions are reduced by 2.11 mg per MWh saved
15	DEP Emissions Reduction Factors for gas programs are as follows: - CO2 (Carbon Dioxide) emissions are reduced by 11.7 lbs per Therm saved - NOx (Nitric Oxide) emissions are reduced by .0092 lbs. per Therm saved

Definitions (Cont'd)

16	Units of Measure for Tracking Metrics:	
	RESIDENTIAL ENERGY EFFICIENCY PROGRAMS	
	Residential HVAC	
	- COOL Advantage Completed Applications	= Number of central air conditioners and heat pumps rebated
	- WARM Advantage Completed Applications	= Number of furnaces, boilers and hot water heaters rebated
	Residential New Construction	
	- Enrollments	= Number of homes enrolled with commitments to build to RNC efficiency standards
	- Completions	= Number of homes completed per RNC efficiency standards
	Energy Efficient Products	
	- CFLs Distributed	= Number of CFLs and Fixtures distributed
	- Clothes Washer Applications Completed	= Number of clothes washers rebated
	- Large Appliance Recycling Applications Completed	= Number of recycled large appliances rebated
	- Consumer Electronics Applications Completed	= Number of set-top boxes, televisions, etc. distributed
	- Refrigerator Applications Completed	= Number of refrigerators rebated
	Home Performance with ENERGY STAR	
	- Tier 2 Enrollments	= Number of homes approved to complete Tier 2 HPwES measures
	- Tier 2 Completions	= Number of homes that completed Tier 2 HPwES measures
	- Tier 3 Enrollments	= Number of homes approved to complete Tier 3 HPwES measures
	- Tier 3 Completions	= Number of homes that completed Tier 3 HPwES measures
	RESIDENTIAL LOW INCOME PROGRAMS	
	Comfort Partners	
	- Homes Completed	= Number of homes with electric measures installed (gas homes completed is a subset of electric homes completed)
	COMMERCIAL & INDUSTRIAL PROGRAMS	
	C&I New Construction	
	- Applications Approved	= Number of applications approved
	- Applications Completed	= Number of applications rebated
	C&I Retrofit	
	- Applications Completed	= Number of applications rebated
	Pay-for-Performance - New Construction	
	- Proposed ERP Approval	= Number of projects that have approved proposed ERPs
	- As-Built Energy Reduction Plans Completed	= Number of projects that have submitted As-Built ERPs
	- Commissioning Reports Completed	= Number of projects that have completed their commissioning report
	Pay-for-Performance - Retrofit	
	- Approved Energy Reduction Plans	= Number of projects that have approved ERPs
	- Installations Completed (Non-CHP)	= Number of projects that have completed installation of recommended measures where CHP is not included in the project scope.
	- Installations Completed (CHP)	= Number of projects that have completed installation of recommended measures where CHP is included in the project scope.
	- M&V Reports Completed	= Number of projects that have completed their measurement and verification report
	Local Government Energy Audit	
	- Audits Reviewed and Processed	= Number of audit applications reviewed and processed
	- Audits Rebated	= Number of audit applications rebated
Direct Install		
- Applications Completed	= Number of projects completed	
Large Energy Users Program		
- Approved FEEPs	= Number of applications with approved Final Energy Efficiency Plans	

Definitions (Cont'd)			
16 (cont'd)	C&I CHP-FUEL CELL PROGRAMS		
	CHP-Fuel Cell: Large and Small		
	- Approved Applications	=	Number of applications approved
	- Completed Installations	=	Number of applications that have completed installation of the CHP measures.
	RENEWABLE ENERGY PROGRAMS		
	Renewable Energy Incentive Program (REIP)		
	- Applications Completed	=	Number of applications rebated
	SREC Registration Program		
	- Applications Accepted	=	Number of applications accepted
	- Applications Completed	=	Number of applications rebated
	Renewable Energy Program: Grid Connected (Formerly REDI)		
	- Completed Grants	=	Number of grants that have been paid in full
	- Number of Open Grants	=	Number of grants with outstanding commitments
	Edison Innovation Clean Energy Fund (CST)		
	- Completed Grants	=	Number of grants that have been paid in full
	- Number of Open Grants	=	Number of grants with outstanding commitments
	EDA PROGRAMS		
	Edison Innovation Clean Energy Manufacturing Fund (CEMF)		
	- Completed Grants	=	Number of grants that have been paid in full
	- Number of Open Grants	=	Number of grants with outstanding commitments
	Edison Innovation Green Growth Fund (EIGGF)		
	- Completed Grants/Loans	=	Number of grants/loans that have been paid/dispursed in full
	- Number of Open Grants/Loans	=	Number of grants/loans with outstanding commitments
	Large Scale CHP/Fuel Cells		
	- Number of Approved Grants	=	Number of grants approved by the NJBPU
	- Completed Grants	=	Number of grants that have been paid in full
	- Number of Open Grants	=	Number of grants with outstanding commitments