



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

4QFY19 Final Report

Reporting Period:
July 1, 2018 through June 30, 2019

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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”) Division of Clean Energy. Included are financial, tracking metric, energy saving/generation and emission reduction data for the statewide energy efficiency and renewable energy programs. This report captures the progress of the clean energy programs in place during the period from July 1, 2018 through June 30, 2019 also referred to as 4QFY19.

In its role as NJCEP Program Administrator, TRC Energy Services (TRC), a division of TRC Environmental Corp., and members of its team including CLEAResult, manage the majority of the NJCEP programs and reports on the activities of the Division of Clean Energy, the NJ Economic Development Authority and six of New Jersey’s investor-owned electric and natural gas utilities as related to their involvement in the operation of the Comfort Partners Low-Income program.

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 spending and commitments for the energy efficiency programs, the renewable energy programs, the distributed energy resources programs, the EDA programs, and for the Division of Clean Energy program administration costs. Committed expenditures in Tables 1-5 represent firm commitments that existed as of June 30, 2018 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: 4QFY19 (7/1/18 - 6/30/19)				
	Budget	Actual	Expenses Committed	Total
Energy Efficiency (EE)	\$310,556,837.42	\$155,100,857.66	\$132,443,046.79	\$287,543,904.45
Distributed Energy Resources	\$28,967,480.00	\$6,950,827.73	\$14,231,340.64	\$21,182,168.37
Renewable Energy Programs	\$3,300,000.00	\$2,617,285.56	\$572,829.00	\$3,190,114.56
EDA Programs	\$109,000.00	\$98,748.82	\$0.00	\$98,748.82
Planning & Administration	\$18,755,000.00	\$8,732,720.01	\$2,976,857.60	\$11,709,577.61
Conference	\$750,000.00	\$0.00	\$0.00	\$0.00
Community Energy Grants	\$2,323,038.00	\$0.00	\$0.00	\$0.00
Research and Alaysis	\$250,000.00	\$0.00	\$0.00	\$0.00
Total	\$365,011,355.42	\$173,500,439.78	\$150,224,074.03	\$323,724,513.81

Table 2 (below) includes program budgets and YTD spending and outstanding commitments for the energy efficiency programs.

Table 2: Energy Efficiency Program Budgets and YTD Expenses

Summary of Energy Efficiency Program Budgets and YTD Expenditures Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Expenses Actual	Expenses Committed	Total
RESIDENTIAL PROGRAMS				
Existing Homes	\$34,711,837.42	\$27,805,106.12	\$13,241,654.04	\$41,046,760.16
<i>Residential HVAC - Electric & Gas</i>	\$9,794,652.17	\$8,635,775.37	\$4,541,756.54	\$13,177,531.91
<i>Home Performance with Energy Star</i>	\$24,917,185.25	\$19,169,330.75	\$8,699,897.50	\$27,869,228.25
Residential New Construction	\$22,500,000.00	\$11,887,361.32	\$8,699,897.50	\$20,587,258.82
Energy Efficient Products	\$19,000,000.00	\$13,128,083.16	\$5,269,042.36	\$18,397,125.52
Sub-Total: Residential Programs	\$76,211,837.42	\$52,820,550.60	\$27,210,593.90	\$80,031,144.50
RESIDENTIAL LOW INCOME				
Comfort Partners	\$38,500,000.00	\$28,020,341.08	\$8,001,490.00	\$36,021,831.08
Sub-Total: Residential Low Income	\$38,500,000.00	\$28,020,341.08	\$8,001,490.00	\$36,021,831.08
COMMERCIAL & INDUSTRIAL PROGRAMS				
Commercial & Industrial Buildings	\$115,445,000.00	\$41,639,556.09	\$61,379,218.76	\$79,065,191.46
<i>Commercial & Industrial New Construction</i>	\$2,612,723.94	\$1,481,223.52	\$573,738.98	\$13,177,531.91
<i>Commercial & Industrial Retrofit</i>	\$41,790,287.92	\$22,428,532.38	\$15,881,678.08	\$13,177,531.91
<i>Pay-for-Performance New Construction</i>	\$15,968,812.96	\$7,266,399.16	\$7,233,946.19	\$13,177,531.91
<i>Pay-for-Performance</i>	\$26,357,972.81	\$5,245,057.16	\$20,948,321.13	\$13,177,531.91
<i>Large Energy Users Program</i>	\$26,549,281.25	\$4,528,438.41	\$15,781,317.81	\$13,177,531.91
<i>Customer Commercial & Industrial Pilot</i>	\$2,165,921.12	\$689,905.46	\$960,216.57	\$13,177,531.91
Direct Install	\$44,000,000.00	\$28,158,993.69	\$13,918,791.25	\$42,077,784.94
Local Government Energy Audit	\$4,800,000.00	\$3,105,957.73	\$1,373,150.60	\$4,479,108.33
Sub-Total: C&I Programs	\$164,245,000.00	\$72,904,507.51	\$76,671,160.61	\$125,622,084.73
State Facilities Initiative	\$30,600,000.00	\$1,339,458.47	\$29,259,699.78	\$30,599,158.25
Multifamily	\$1,000,000.00	\$16,000.00	\$0.00	\$16,000.00
TOTAL Energy Efficiency Programs	\$310,556,837.42	\$155,100,857.66	\$141,142,944.29	\$272,290,218.56

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

Table 3: Distributed Energy Resources Budget and YTD Expenses

Summary of Distributed Energy Resources Program Budgets and YTD Expenditures Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
DISTRIBUTED ENERGY RESOURCES				
CHP-Fuel Cell: Large and Small	\$23,345,015.95	\$4,406,359.11	\$14,096,340.64	\$18,502,699.75
RE Storage	\$1,569,984.05	\$603,181.37	\$135,000.00	\$738,181.37
Microgrids	<u>\$4,052,480.00</u>	<u>\$1,941,287.25</u>	<u>\$0.00</u>	<u>\$1,941,287.25</u>
TOTAL CHP-Fuel Cell Programs	<u>\$28,967,480.00</u>	<u>\$6,950,827.73</u>	<u>\$14,231,340.64</u>	<u>\$21,182,168.37</u>

Table 4 (below) includes program budgets and YTD spending and outstanding commitments for the renewable energy programs.

Table 4: Renewable Energy Program Budgets and YTD Expenses

Summary of Renewable Program Budgets and YTD Expenditures Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
RENEWABLE PROGRAMS				
Offshore Wind	\$1,150,000.00	\$827,171.11	\$572,829.00	\$1,400,000.11
Renewable Energy Incentive Program	<u>\$2,150,000.00</u>	<u>\$1,790,114.45</u>	<u>\$0.00</u>	<u>\$1,790,114.45</u>
TOTAL Renewable Energy Programs	<u>\$3,300,000.00</u>	<u>\$2,617,285.56</u>	<u>\$572,829.00</u>	<u>\$3,190,114.56</u>

Table 5 (below) includes program budgets and YTD spending and outstanding commitments for the EDA programs.

Table 5: EDA Program Budgets and YTD Expenses

Summary of EDA Program Budgets and YTD Expenditures Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
EDA PROGRAMS				
Edison Innovation Clean Energy Manufacturing Fund (CEMF)	\$78,000.00	\$89,779.41	\$0.00	\$89,779.41
Edison Innovation Green Growth Fund (EIGGF)	\$31,000.00	\$8,969.41	\$0.00	\$8,969.41
TOTAL EDA Programs	<u>\$109,000.00</u>	<u>\$98,748.82</u>	<u>\$0.00</u>	<u>\$98,748.82</u>

The Division of Clean Energy (DCE) 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 DCE's expenditures with its approved budget for program administration.

Table 6: NJCEP Administration

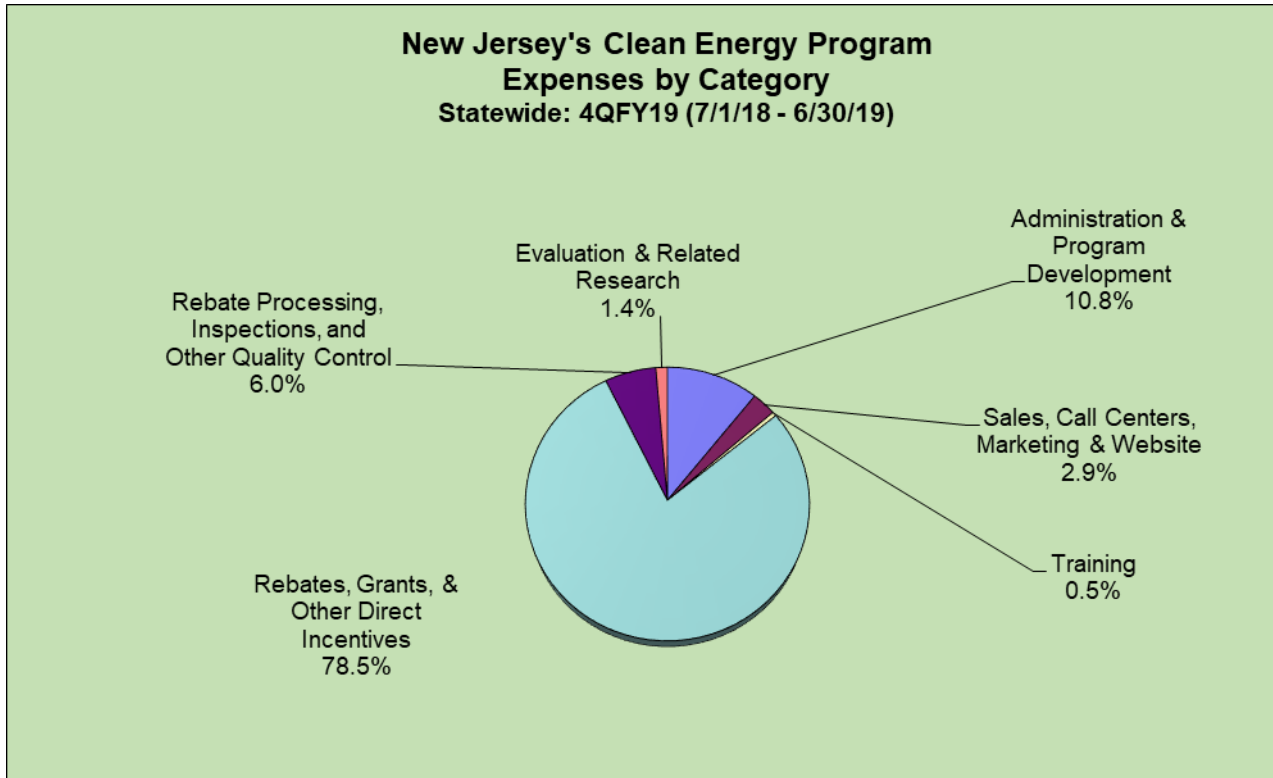
Summary of NJCEP Administration Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
Program Administration				
BPU Program Administration	<u>\$2,600,000.00</u>	<u>\$2,713,943.79</u>	<u>\$0.00</u>	<u>\$2,713,943.79</u>
Sub-Total: BPU Program Administration	\$2,600,000.00	\$2,713,943.79	\$0.00	\$2,713,943.79
MARKETING (w/ CEP WEBSITE)				
New Marketing Contract	\$4,000,000.00	\$0.00	\$0.00	\$0.00
Sponsorships (Marketing)	\$250,000.00	\$0.00	\$0.00	\$0.00
Marketing Materials	<u>\$100,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Marketing (w CEP Website)	\$4,350,000.00	\$0.00	\$0.00	\$0.00
Program Evaluation/Analysis				
Program Evaluation	<u>\$6,200,000.00</u>	<u>\$1,515,337.83</u>	<u>\$2,578,861.48</u>	<u>\$4,094,199.31</u>
Sub-Total: Program Evaluation/Analysis	\$6,200,000.00	\$1,515,337.83	\$2,578,861.48	\$4,094,199.31
OUTREACH AND EDUCATION				
Sustainable Jersey	\$600,000.00	\$453,874.31	\$144,244.83	\$598,119.14
NJIT CE Learning Center	\$685,000.00	\$430,760.91	\$253,751.29	\$684,512.20
Outreach, Website, Other	<u>\$4,250,000.00</u>	<u>\$3,618,803.17</u>	<u>\$0.00</u>	<u>\$3,618,803.17</u>
Sub-Total: Outreach and Education	\$5,535,000.00	\$4,503,438.39	\$397,996.12	\$4,901,434.51
SPONSORSHIPS				
Sponsorships	<u>\$70,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Sponsorships	\$70,000.00	\$0.00	\$0.00	\$0.00
TOTAL NJCEP Administration	<u>\$18,755,000.00</u>	<u>\$8,732,720.01</u>	<u>\$2,976,857.60</u>	<u>\$11,709,577.61</u>

Summary of Conference Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
Conference				
Conference	<u>\$750,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Conference	\$750,000.00	\$0.00	\$0.00	\$0.00
TOTAL Conference	<u>\$750,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>

Summary of Community Energy Grants Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
Community Energy Grants				
Community Energy Grants	<u>\$2,323,038.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Community Energy Grants	\$2,323,038.00	\$0.00	\$0.00	\$0.00
TOTAL Community Energy Grants	<u>\$2,323,038.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>

Summary of Research and Analysis Statewide: 4QFY19 (7/1/18 - 6/30/19)				
Program	Budget	Actual	Expenses Committed	Total
Research and Analysis				
Marketing and Analysis of Markets	<u>\$250,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Sub-Total: Research and Analysis	\$250,000.00	\$0.00	\$0.00	\$0.00
TOTAL Research and Analysis	<u>\$250,000.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>

Table 7: Expenditures by Expense Category



As shown in Table 7 (above), 78.5% of 4QFY19 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, 2018 through June 30, 2019. 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, 2018 through June 30, 2019. The lifetime savings/generation is the expected savings/generation over the expected life of these measures. Measure lives range from 15 years for certain lighting such as LEDs 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, 2018 through June 30, 2019.

Table 8: Energy Savings/Energy Capacity and Generation

Summary of Energy Savings/Energy Capacity and Generation Statewide: 4QFY19 (7/1/18 - 6/30/19)			
	<u>Actual</u>	<u>Committed</u>	<u>Total</u>
<u>Demand</u>			
kW Reduced			
Energy Efficiency	72,154	49,625	121,779
CHP-Fuel Cell	1,000	0	1,000
kW Installed (Capacity)			
Renewable Energy	267,532	N/A	267,532
CHP-Fuel Cell	2,150	3,461	5,611
<u>Annual</u>			
MWh Saved			
Energy Efficiency	495,265	290,491	785,756
CHP-Fuel Cell	1,000	0	1,000
MMBtu Saved			
Energy Efficiency	725,140	1,593,938	2,319,077
CHP-Fuel Cell	16,522	118,278	134,800
MWh Generated			
Renewable Energy	321,038	N/A	321,038
CHP-Fuel Cell	14,277	25,734	40,011
<u>Lifetime</u>			
MWh Saved			
Energy Efficiency	7,431,341	4,356,570	11,787,911
CHP-Fuel Cell	15,000	0	15,000
MMBtu Saved			
Energy Efficiency	11,805,404	31,205,691	43,011,095
CHP-Fuel Cell	247,827	2,242,038	2,489,865
MWh Generated			
Renewable Energy	8,025,960	N/A	8,025,960
CHP-Fuel Cell	214,161	489,650	703,810

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: 4QFY19 (7/1/18 - 6/30/19)			
	Electric Programs	Gas Programs	All Programs
<u>CO2 (Metric Tons)</u>			
Energy Efficiency	250,287	38,564	288,851
CHP-Fuel Cell	1,384	N/A	1,384
Renewable Energy	162,239	N/A	162,239
Total	413,910	38,564	452,475
<u>NOX (Metric Tons)</u>			
Energy Efficiency	215	30	245
CHP-Fuel Cell	5	N/A	5
Renewable Energy	139	N/A	139
Total	359	30	389
<u>SO2 (Metric Tons)</u>			
Energy Efficiency	500	N/A	500
CHP-Fuel Cell	16,523	N/A	16,523
Renewable Energy	322	N/A	322
Total	17,345	N/A	17,345
<u>Hg (Grams)</u>			
Energy Efficiency	527	N/A	527
CHP-Fuel Cell	16,524	N/A	16,524
Renewable Energy	677	N/A	677
Total	17,728	N/A	17,728

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 for FY19. 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 DCE primarily through contracts with Honeywell Utility Solutions (Honeywell) and TRC. Starting in 2016 the programs were managed by the DCE through the NJCEP Program Administrator contract awarded to TRC and members of its implementation team including 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 Division of Clean Energy.

This report presents program results for the period from July 1, 2018 through June 30, 2019 also referred to as 4QFY19. 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 are measured against those budgets.

The Board approved the following FY19 Clean Energy Programs:

RESIDENTIAL ENERGY EFFICIENCY PROGRAMS

Residential Existing Buildings
Residential New Construction
Energy Efficient Products

RESIDENTIAL LOW-INCOME PROGRAM

Comfort Partners

COMMERCIAL AND INDUSTRIAL (C&I) ENERGY EFFICIENCY PROGRAMS

Commercial & Industrial Buildings
Direct Install
Local Government Energy Audit

RENEWABLE ENERGY PROGRAMS

Offshore Wind
Renewable Energy Incentive Program (REIP)

DISTRIBUTED ENERGY RESOURCES

Combined Heat and Power
Renewable Energy Storage
Microgrids

EDA PROGRAMS

Edison Innovation Clean Energy Manufacturing Fund (CEMF)
Edison Innovation Green Growth Fund (EIGGF)

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

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

Section III

4QFY19 Reporting Data Worksheets

The following tables provide cumulative information regarding various aspects of the New Jersey's Clean Energy Program (NJCEP) for the fourth Quarter of FY19, i.e., from July 1, 2018 through June 30, 2019. 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 Jerseys Clean Energy Program Actual and Committed Expenses for Reporting Year

Statewide Summary - New Jerseys Clean Energy Program Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Energy Efficiency Programs	\$310,556,837.42	\$155,100,857.66	\$132,443,046.79	\$287,543,904.45	49.94%	92.59%
Distributed Energy Resources	\$28,967,480.00	\$6,950,827.73	\$14,231,340.64	\$21,182,168.37	24.00%	73.12%
Renewable Energy Programs	\$3,300,000.00	\$2,617,285.56	\$572,829.00	\$3,190,114.56	79.31%	96.67%
EDA Programs	\$109,000.00	\$98,748.82	\$0.00	\$98,748.82	90.60%	90.60%
Planning and Administration	\$18,755,000.00	\$8,732,720.01	\$2,976,857.60	\$11,709,577.61	46.56%	62.43%
Conference	\$750,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Community Energy Grants	\$2,323,038.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Research and Analysis	\$250,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
TOTAL	\$365,011,355.42	\$173,500,439.78	\$150,224,074.03	\$323,724,513.81	47.53%	88.69%

Statewide Summary - Energy Efficiency Programs Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Residential Energy Efficiency Programs						
Residential Existing Buildings	\$34,711,837.42	\$27,805,106.12	\$4,541,756.54	\$32,346,862.66	80.10%	93.19%
Residential HVAC - Electric & Gas	\$9,794,652.17	\$8,635,775.37	\$0.00	\$8,635,775.37	88.17%	88.17%
Home Performance with Energy Star	\$24,917,185.25	\$19,169,330.75	\$4,541,756.54	\$23,711,087.29	76.93%	95.16%
Residential New Construction	\$22,500,000.00	\$11,887,361.32	\$8,699,897.50	\$20,587,258.82	52.83%	91.50%
Energy Efficient Products	\$19,000,000.00	\$13,128,083.16	\$5,269,042.36	\$18,397,125.52	69.10%	96.83%
Sub-Total: Residential Energy Efficiency Programs	\$76,211,837.42	\$52,820,550.60	\$18,510,696.40	\$71,331,247.00	69.31%	93.60%
Residential Low Income						
Comfort Partners	\$38,500,000.00	\$28,020,341.08	\$8,001,490.00	\$36,021,831.08	72.78%	93.56%
Sub-Total: Residential Low Income	\$38,500,000.00	\$28,020,341.08	\$8,001,490.00	\$36,021,831.08	72.78%	93.56%
Commercial & Industrial Energy Efficiency Programs						
Commercial & Industrial Buildings	\$115,445,000.00	\$41,639,556.09	\$61,379,218.76	\$103,018,774.85	36.07%	89.24%
C&I Retrofit	\$41,790,287.92	\$22,428,532.38	\$15,881,678.08	\$38,310,210.46	53.67%	91.67%
C&I New Construction	\$2,612,723.94	\$1,481,223.52	\$573,738.98	\$2,054,962.50	56.69%	78.65%
Pay-for-Performance New Construction	\$15,968,812.96	\$7,266,399.16	\$7,233,946.19	\$14,500,345.35	45.50%	90.80%
Pay-for-Performance	\$26,357,972.81	\$5,245,057.16	\$20,948,321.13	\$26,193,378.29	19.90%	99.38%
Large Energy Users Program	\$26,549,281.25	\$4,528,438.41	\$15,781,317.81	\$20,309,756.22	17.06%	76.50%
Custom C&I Pilot	\$2,165,921.12	\$689,905.46	\$960,216.57	\$1,650,122.03	31.85%	76.19%
Local Government Energy Audit	\$4,800,000.00	\$3,105,957.73	\$1,373,150.60	\$4,479,108.33	64.71%	93.31%
Direct Install	\$44,000,000.00	\$28,158,993.69	\$13,918,791.25	\$42,077,784.94	64.00%	95.63%
Sub-Total: C & I Energy Efficiency Programs	\$164,245,000.00	\$72,904,507.51	\$76,671,160.61	\$149,575,668.12	44.39%	91.07%
State Facilities Initiative						
State Facilities Initiative	\$30,600,000.00	\$1,339,458.47	\$29,259,699.78	\$30,599,158.25	4.38%	100.00%
Sub-Total: State Facilities Initiative	\$30,600,000.00	\$1,339,458.47	\$29,259,699.78	\$30,599,158.25	4.38%	100.00%
Multifamily						
Multifamily	\$1,000,000.00	\$16,000.00	\$0.00	\$16,000.00	1.60%	1.60%
Sub-Total: Multifamily	\$1,000,000.00	\$16,000.00	\$0.00	\$16,000.00	1.60%	1.60%
TOTAL	\$310,556,837.42	\$155,100,857.66	\$132,443,046.79	\$287,543,904.45	49.94%	92.59%

New Jersey's Clean Energy Program
Actual and Committed Expenses for Reporting Year

Statewide Summary - Distributed Energy Resources Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
CHP - Fuel Cell Large and Small	\$23,345,015.95	\$4,406,359.11	\$14,096,340.64	\$18,502,699.75	18.87%	79.26%
RE Storage	\$1,569,984.05	\$603,181.37	\$135,000.00	\$738,181.37	38.42%	47.02%
Microgrids	\$4,052,480.00	\$1,941,287.25	\$0.00	\$1,941,287.25	47.90%	47.90%
TOTAL	\$28,967,480.00	\$6,950,827.73	\$14,231,340.64	\$21,182,168.37	24.00%	73.12%

Statewide Summary - Renewable Energy Programs Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Offshore Wind	\$1,150,000.00	\$827,171.11	\$572,829.00	\$1,400,000.11	71.93%	121.74%
SREC Registration	\$2,150,000.00	\$1,790,114.45	\$0.00	\$1,790,114.45	83.26%	83.26%
TOTAL	\$3,300,000.00	\$2,617,285.56	\$572,829.00	\$3,190,114.56	79.31%	96.67%

Statewide Summary - EDA Programs Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Edison Innovation Clean Energy Manufacturing Fund (CEMF)	\$78,000.00	\$89,779.41	\$0.00	\$89,779.41	115.10%	115.10%
Edison Innovation Green Growth Fund (EIGGF)	\$31,000.00	\$8,969.41	\$0.00	\$8,969.41	28.93%	28.93%
TOTAL	\$109,000.00	\$98,748.82	\$0.00	\$98,748.82	90.60%	90.60%

Statewide Summary - Planning and Administration Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
BPU Program Administration						
BPU Program Administration	\$2,600,000.00	\$2,713,943.79	\$0.00	\$2,713,943.79	104.38%	104.38%
Sub-Total: BPU Program Administration	\$2,600,000.00	\$2,713,943.79	\$0.00	\$2,713,943.79	104.38%	104.38%
Marketing (w/CEP website)						
New Marketing Contract	\$4,000,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Sponsorships (Marketing)	\$250,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Marketing Materials	\$100,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Sub-Total: Marketing (w/CEP website)	\$4,350,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Program Evaluation/Analysis						
Program Evaluation	\$6,200,000.00	\$1,515,337.83	\$2,578,861.48	\$4,094,199.31	24.44%	66.04%
Sub-Total: Program Evaluation/Analysis	\$6,200,000.00	\$1,515,337.83	\$2,578,861.48	\$4,094,199.31	24.44%	66.04%
Outreach and Education						
Sustainable Jersey	\$600,000.00	\$453,874.31	\$144,244.83	\$598,119.14	75.65%	99.69%
Outreach, Website, Other	\$4,250,000.00	\$3,618,803.17	\$0.00	\$3,618,803.17	85.15%	85.15%
NJIT Learning Center	\$685,000.00	\$430,760.91	\$253,751.29	\$684,512.20	62.88%	99.93%
Sub-Total: Outreach and Education	\$5,535,000.00	\$4,503,438.39	\$397,996.12	\$4,901,434.51	81.36%	88.55%
Sponsorships						
Sponsorships	\$70,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
Sub-Total: Sponsorships	\$70,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
TOTAL	\$18,755,000.00	\$8,732,720.01	\$2,976,857.60	\$11,709,577.61	46.56%	62.43%

Statewide Summary - Conference Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Conference	\$750,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
TOTAL	\$750,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%

New Jerseys Clean Energy Program
Actual and Committed Expenses for Reporting Year

Statewide Summary - Community Energy Grants Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Community Energy Grants	\$2,323,038.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
TOTAL	\$2,323,038.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%

Statewide Summary - Research and Analysis Reporting Period: 07/01/2018 thru 06/30/2019	Approved Budget	Actual Expenditures	Committed Expenditures	Actual and Committed Expenditures	Actual Expenditures as % of Authorized	Actual and Committed Expenditures as % of Authorized
Program						
Modeling and Analysis of Markets	\$250,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%
TOTAL	\$250,000.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%

New Jerseys Clean Energy Program
Detailed Expense Data for Reporting Year

Reporting Period: 07/01/2018 thru 06/30/2019	Cost Category Budgets						
	Total Actual Expenditures	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research
Program							
Energy Efficiency Programs	\$155,100,857.66	\$14,498,833.40	\$1,220,484.86	\$870,452.97	\$129,287,870.51	\$9,223,215.92	\$0.00
Distributed Energy Resources	\$6,950,827.73	\$711,074.26	\$81,212.88	\$0.00	\$6,040,680.85	\$117,859.74	\$0.00
Renewable Energy Programs	\$2,617,285.56	\$711,361.38	\$40,606.44	\$0.00	\$0.00	\$1,038,146.63	\$827,171.11
EDA Programs	\$98,748.82	\$98,748.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Planning and Administration	\$8,732,720.01	\$2,713,943.79	\$3,618,803.17	\$0.00	\$884,635.22	\$0.00	\$1,515,337.83
Conference	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Community Energy Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Research and Analysis	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$173,500,439.78	\$18,733,961.65	\$4,961,107.35	\$870,452.97	\$136,213,186.58	\$10,379,222.29	\$2,342,508.94

New Jersey's Clean Energy Program
Electric Energy Savings vs. Annual Goals for Fiscal Year 2019

Statewide Summary: Energy Efficiency Programs
 Reporting Period: 07-01-18 to 06-30-19 (Q4)
 (Energy Savings)

Program	Annual Savings			Lifetime Savings		
	Annual Goal	Actual YTD	Actual YTD as % of Goal	Lifetime Goal	Actual YTD	Actual YTD as % of Goal
	MWh	MWh	%	MWh	MWh	%
RESIDENTIAL PROGRAMS						
Residential Existing Buildings	4,788	4,842	101%	80,368	76,471	95%
Residential New Construction	3,851	6,227	162%	77,028	124,764	162%
Energy Efficient Products	294,748	256,642	87%	4,493,036	3,700,116	82%
Sub-Total: Residential EE Programs	303,387	267,711	88%	4,650,432	3,901,351	84%
COMMERCIAL & INDUSTRIAL PROGRAMS						
Commercial & Industrial Buildings	189,970	178,949	94%	2,979,393	2,844,352	95%
Direct Install	54,749	43,844	80%	819,608	649,400	79%
Sub-Total: C&I Programs	244,719	222,793	91%	3,799,001	3,493,752	92%
TOTAL Energy Efficiency Programs	548,106	490,503	89%	8,449,433	7,395,103	88%

New Jersey's Clean Energy Program
Gas and Other Fuel Energy Savings vs. Annual Goals for Fiscal Year 2019

Statewide Summary: Energy Efficiency Programs
 Reporting Period: 07-01-18 to 06-30-19 (Q4)
 (Energy Savings)

Program	Annual Savings			Lifetime Savings		
	Annual Goal	Actual YTD	Actual YTD as % of Goal	Lifetime Goal	Actual YTD	Actual YTD as % of Goal
	MMBtu	MMBtu	%	MMBtu	MMBtu	%
RESIDENTIAL PROGRAMS						
Residential Existing Buildings	223,658	246,994	110%	4,558,450	4,645,860	102%
Residential New Construction	56,162	77,611	138%	1,123,101	1,556,895	139%
Energy Efficient Products (Appliances Only)	9,829	18,252	186%	110,509	226,022	205%
Sub-Total: Residential EE Programs	289,649	342,858	118%	5,792,060	6,428,777	111%
COMMERCIAL & INDUSTRIAL PROGRAMS						
Commercial & Industrial Buildings	270,819	202,066	75%	5,254,056	4,244,205	81%
Direct Install	139,391	154,942	111%	2,360,297	2,453,781	104%
Sub-Total: C&I Programs	410,210	357,008	87%	7,614,353	6,697,985	88%
TOTAL Energy Efficiency Programs	699,859	699,866	100%	13,406,413	13,126,762	98%

Statewide Summary: All CHP/Fuel Cell/BioPower Programs
 Reporting Period: 07-01-18 to 06-30-19 (Q4)
 (Energy Savings)

Program	Annual Savings			Lifetime Savings		
	Annual Goal	Actual YTD	Actual YTD as % of Goal	Lifetime Goal	Actual YTD	Actual YTD as % of Goal
	MMBtu	MMBtu	%	MMBtu	MMBtu	%
DISTRIBUTED ENERGY RESOURCES						
CHP/Fuel Cell/BioPower	16,166	16,522	102%	323,329	247,827	77%
TOTAL CHP	16,166	16,522	102%	323,329	247,827	77%

New Jersey's Clean Energy Program
Electric Savings for Fiscal Year 2019

Statewide Summary: Energy Efficiency Programs
Reporting Period: 07-01-18 to 06-30-19 (Q4)
(Energy Savings)

Program	Demand Savings			Annual Savings			Lifetime Savings		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
RESIDENTIAL PROGRAMS									
Residential Existing Buildings	2,578	725	3,303	4,842	2,460	7,302	76,471	39,849	116,320
Residential HVAC - Electric & Gas	1,852		1,852	2,486		2,486	37,380		37,380
Home Performance with Energy Star	726	725	1,451	2,356	2,460	4,816	39,091	39,849	78,940
Residential New Construction	1,965	1,865	3,830	6,227	5,360	11,587	124,764	107,196	231,960
Energy Efficient Products*	22,363	0	22,363	256,642	0	256,642	3,700,116	0	3,700,116
Energy Star Clothes Washers	108	0	108	1,141	0	1,141	12,551	0	12,551
Energy Star Clothes Dryers	63	0	63	716	0	716	8,591	0	8,591
Energy Efficient Lighting	21,111	0	21,111	247,871	0	247,871	3,639,254	0	3,639,254
Energy Star Refrigerators	76	0	76	644	0	644	9,016	0	9,016
Refrigerator/Freezer Recycling Program	1,006	0	1,006	6,270	0	6,270	30,705	0	30,705
Sub-Total: Residential EE Programs	26,906	2,590	29,496	267,711	7,820	275,531	3,901,351	147,045	4,048,396
RESIDENTIAL LOW INCOME PROGRAMS									
Comfort Partners	619	0	619	4,762	0	4,762	36,238	0	36,238
Sub-Total: Residential Low Income Programs	619	0	619	4,762	0	4,762	36,238	0	36,238
COMMERCIAL & INDUSTRIAL PROGRAMS									
Commercial & Industrial Buildings	35,340	42,515	77,854	178,949	261,040	439,990	2,844,352	3,892,014	6,736,366
C&I Retrofit	25,183	25,985	51,168	135,215	155,842	291,057	2,092,238	2,205,801	4,298,039
C&I New Construction	1,104	578	1,682	7,111	2,817	9,928	113,633	42,313	155,946
Large Energy Users Program (LEUP)	1,382	5,153	6,535	11,082	43,389	54,471	194,694	686,857	881,551
CTEEP	425	2,370	2,795	4,851	13,531	18,382	78,713	203,017	281,731
Pay-for Performance Existing Buildings	3,134	7,344	10,477	13,456	38,921	52,377	224,036	633,307	857,342
Pay-for Performance New Construction	4,112	1,085	5,197	7,233	6,540	13,774	141,038	120,719	261,756
Direct Install	9,289	4,520	13,810	43,844	21,631	65,474	649,400	317,511	966,911
Sub-Total: C&I Programs	44,629	47,035	91,664	222,793	282,671	505,464	3,493,752	4,209,525	7,703,276
TOTAL Energy Efficiency Programs	72,154	49,625	121,779	495,265	290,491	785,756	7,431,341	4,356,570	11,787,911

Statewide Summary: All CHP/Fuel Cell Programs
Reporting Period: 07-01-18 to 06-30-19 (Q4)
(Energy Savings)

Program	Demand Savings			Annual Savings			Lifetime Savings		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
DISTRIBUTED ENERGY RESOURCES									
CHP/Fuel Cell/BioPower	1,000	0	1,000	1,000		1,000	15,000		15,000
TOTAL CHP	1,000	0	1,000	1,000	0	1,000	15,000	0	15,000

**New Jersey's Clean Energy Program
Gas and Other Fuel Savings for Fiscal Year 2019**

Statewide Summary: Energy Efficiency Programs Reporting Period: 07-01-18 to 06-30-19 (Q4) (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 Existing Buildings	246,994	104,890	351,884	4,645,860	1,874,795	6,520,655
Residential HVAC - Electric & Gas	149,270		149,270	2,868,026		2,868,026
Home Performance with Energy Star	97,724	104,890	202,614	1,777,835	1,874,795	3,652,629
Residential New Construction	77,611	39,788	117,400	1,556,895	795,768	2,352,663
Energy Efficient Products	18,252	0	18,252	226,022	0	226,022
Sub-Total: Residential EE Programs	342,858	144,679	487,536	6,428,777	2,670,563	9,099,340
RESIDENTIAL LOW INCOME PROGRAMS						
Comfort Partners	27,935	0	27,935	456,476	0	456,476
Sub-Total: Residential Low Income Programs	27,935		27,935	456,476		456,476
COMMERCIAL & INDUSTRIAL PROGRAMS						
Commercial & Industrial Buildings	202,066	1,473,867	1,675,933	4,244,205	29,284,858	33,529,063
C&I Retrofit	66,292	19,648	85,940	1,296,240	368,262	1,664,503
C&I New Construction	126	8,291	8,417	1,444	152,118	153,562
Large Energy Users Program	15,891	1,310,665	1,326,556	286,039	26,094,049	26,380,088
CTEEP	0	2,769	2,769	0	46,455	46,455
Pay-for-Performance Existing Buildings	57,943	107,528	165,470	1,199,020	2,158,217	3,357,238
Pay-for-Performance New Construction	61,815	24,967	86,781	1,461,461	465,758	1,927,218
Direct Install	154,942	80,282	235,224	2,453,781	1,125,064	3,578,845
Sub-Total: C&I Programs	357,008	1,554,149	1,911,157	6,697,985	30,409,923	37,107,908
TOTAL Energy Efficiency Programs	727,801	1,698,828	2,426,628	13,583,238	33,080,486	46,663,724

Statewide Summary: All CHP/Fuel Cell/BioPower Programs Reporting Period: 07-01-18 to 06-30-19 (Q4) (Energy Savings)	Annual Savings			Lifetime Savings		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu	MMBtu
DISTRIBUTED ENERGY RESOURCES						
CHP/Fuel Cell/BioPower	16,522	118,278	134,800	247,827	2,242,038	2,489,865
TOTAL CHP	16,522	118,278	134,800	247,827	2,242,038	2,489,865

New Jersey's Clean Energy Program
CHP Electric Generation for Fiscal Year 2019

Statewide Summary: All CHP/Fuel Cell/BioPower Programs Reporting Period: 07-01-18 to 06-30-19 (Q4) (Electric Generation)	Capacity			Annual Generation			Lifetime Generation		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
Program	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
DISTRIBUTED ENERGY RESOURCES									
CHP/Fuel Cell/BioPower	2,150	3,461	5,611	14,277	25,734	40,011	214,161	489,650	703,810
TOTAL CHP	2,150	3,461	5,611	14,277	25,734	40,011	214,161	489,650	703,810

New Jersey's Clean Energy Program
RE Electric Generation for Fiscal Year 2019

Statewide Summary: Renewable Energy Programs Reporting Period: 07-01-18 to 06-30-19 (Q4) (Electric Generation)	Capacity			Annual Generation			Lifetime Generation		
	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed	Installed	Committed	Installed and Committed
Program	kW	kW	kW	MWh	MWh	MWh	MWh	MWh	MWh
RENEWABLE ENERGY PROGRAMS									
SREC Registration	267,532	0	267,532	321,038	0	321,038	8,025,960	0	8,025,960
TOTAL Renewable Energy Programs	267,532	0	267,532	321,038	0	321,038	8,025,960	0	8,025,960

New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2019

Statewide Summary: New Jersey's Clean Energy Program
Reporting Period: 07-01-18 to 06-30-19 (Q4)

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)	250,287	215	500	526.97	3,775,251	3,226	3,849	8,083.78
Energy Efficiency Programs (Gas)	38,706	30			722,381	568		
All CHP/Fuel Cell Programs	1,384	5	16,523	16,524.11	20,760	100	247,842	247,858.65
Renewable Energy Programs	162,239	139	322	677.39	4,055,992	3,466	8,062	16,934.78
TOTAL - All Programs	452,616	389	17,345	17,728.47	8,574,384	7,360	259,753	272,877.21

Statewide Summary: Energy Efficiency Programs (Electric)
Reporting Period: 07-01-18 to 06-30-19 (Q4)

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 Existing Buildings	2,447	2	5	10	38,645	33	77	161
Residential HVAC - Electric & Gas	1,256	1	2	5.25	18,890	16	38	78.87
Home Performance with ENERGY STAR	1,191	1	2	4.97	19,755	17	39	82.48
Residential New Construction	3,147	3	6	13.14	63,051	54	125	263.25
Energy Efficient Products*	129,696	111	258	18.51	1,869,887	1,598	61	128.42
Energy Star Clothes Washers	577	0	1	2.41	6,343	5	13	26.48
Energy Star Clothes Dryers	362	0	1	1.51	4,342	4	9	18.13
Energy Efficient Lighting	125,264	107	249	0.00	1,839,130	1,571	0	0.00
Energy Star Refrigerators	325	0	1	1.36	4,556	4	9	19.02
Refrigerator/Freezer Recycling Program	3,168	3	6	13.23	15,517	13	31	64.79
Sub-Total: Residential EE Programs	135,290	117	271	46.83	1,991,338	1,702	303	635.51
RESIDENTIAL LOW INCOME PROGRAMS								
Comfort Partners	2,407	2	5	10.05	18,313	16	36	76.46
Sub-Total: Residential Low Income Programs	2,407	2	5	10.05	18,313	16	36	76.46
COMMERCIAL & INDUSTRIAL PROGRAMS								
Commercial & Industrial Buildings	90,434	77	180	377.58	1,437,419	1,228	2,857	6,001.58
C&I Retrofit	68,332	58	136	285.30	1,057,331	903	2,102	4,414.62
C&I New Construction	3,594	3	7	15.00	57,426	49	114	239.77
Large Energy Users Program	5,600	5	11	23.38	98,391	84	196	410.80
CTEEP	2,452	2	5	10.24	39,778	34	79	166.08
Pay-for-Performance Existing Buildings	6,800	6	14	28.39	113,219	97	225	472.72
Pay-for-Performance New Construction	3,655	3	7	15.26	71,275	61	142	297.59
Direct Install	22,157	19	44	92.51	328,180	280	652	1,370.23
Sub-Total: C&I Programs	112,590	96	224	470	1,765,599	1,509	3,510	7,372
TOTAL Energy Efficiency Programs	250,287	215	500	526.97	3,775,251	3,226	3,849	8,083.78

New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2019

Statewide Summary: Energy Efficiency Programs (Gas)
Reporting Period: 07-01-18 to 06-30-19 (Q4)

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 Existing Buildings	13,136	10	247,075	194
Residential New Construction	4,128	3	82,798	65
Energy Efficient Products	971	1	12,020	9
Sub-Total: Residential EE Programs	18,234	14	341,894	269
RESIDENTIAL LOW INCOME PROGRAMS				
Comfort Partners	1,486	1	24,276	19
Sub-Total: Residential Low Income Programs	1,486	1	24,276	19
COMMERCIAL & INDUSTRIAL PROGRAMS				
Commercial & Industrial Buildings	10,746	8	225,715	177
Direct Install	8,240	6	130,497	103
Local Government Energy Audit	0	0	0	0
Sub-Total: C&I Programs	18,986	15	356,211	280
TOTAL Energy Efficiency Programs	38,706	30	722,381	568

Statewide Summary: All CHP/Fuel Cell Programs
Reporting Period: 07-01-18 to 06-30-19 (Q4)

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)
DISTRIBUTED ENERGY RESOURCES								
CHP-Fuel Cell: Large and Small	1,384	5	16,523	16,524	20,760	100	247,842	247,859
TOTAL All CHP/Fuel Cell Programs	1,384	5	16,523	16,524	20,760	100	247,842	247,859

New Jersey's Clean Energy Program
Emissions Reductions for Fiscal Year 2019

Statewide Summary: Renewable Energy Programs
Reporting Period: 07-01-18 to 06-30-19 (Q4)

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)
RENEWABLE ENERGY PROGRAMS								
SREC Registration	162,239	139	322	677	4,055,992	3,466	8,062	16,935
TOTAL Renewable Energy Programs	162,239	139	322	677	4,055,992	3,466	8,062	16,935

New Jersey's Clean Energy Program
Tracking Metrics for Fiscal Year 2019

Statewide Summary: Energy Efficiency Programs
Reporting Period: 07-01-18 to 06-30-19 (Q4)

Program - Tracking Metric	Actual YTD
RESIDENTIAL PROGRAMS	
RESIDENTIAL EXISTING BUILDINGS (Res HVAC - COOL Completions) <i>Number of Central Air Conditioners and Heat Pumps Rebated</i>	8,831
RESIDENTIAL EXISTING BUILDINGS (Res HVAC - WARM Completions) <i>Number of Furnaces, Boilers and Hot Water Heaters Rebated</i>	9,777
RESIDENTIAL EXISTING BUILDINGS (HPwES - Tier 2 Enrollments) <i>Number of Homes Approved to Complete Tier 2 HPwES Measures</i>	1,396
RESIDENTIAL EXISTING BUILDINGS (HPwES - Tier 3 Enrollments) <i>Number of Homes Approved to Complete Tier 3 HPwES Measures</i>	4,137
RESIDENTIAL EXISTING BUILDINGS (HPwES - Tier 2 Completions) <i>Number of Homes that Completed Tier 2 HPwES Measures</i>	702
RESIDENTIAL EXISTING BUILDINGS (HPwES - Tier 3 Completions) <i>Number of Homes that Completed Tier 3 HPwES Measures</i>	3,584
RESIDENTIAL NEW CONSTRUCTION (Completions) <i>Number of Homes Completed per RNC Efficiency Standards</i>	6,054
RESIDENTIAL NEW CONSTRUCTION (Enrollments) <i>Number of Homes Enrolled with Commitments to Build to RNC Efficiency Standards</i>	2,885
ENERGY EFFICIENT PRODUCTS <i>Number of Clothes Washers Rebated</i>	19,840
ENERGY EFFICIENT PRODUCTS <i>Number of Clothes Dryers Rebated</i>	11,453
ENERGY EFFICIENT PRODUCTS <i>Number of Lighting Units Rebated</i>	4,049,258
ENERGY EFFICIENT PRODUCTS <i>Number of Refrigerators Rebated</i>	10,481
ENERGY EFFICIENT PRODUCTS <i>Number of Recycled Appliances Rebated</i>	6,956

COMMERCIAL & INDUSTRIAL PROGRAMS	
COMMERCIAL & INDUSTRIAL BUILDINGS: C&I Retrofit (<i>Applications Completed</i>) <i>Number of Applications Rebated</i>	3,582
COMMERCIAL & INDUSTRIAL BUILDINGS: C&I NC (<i>Applications Approved</i>) <i>Number of Applications Approved</i>	69
COMMERCIAL & INDUSTRIAL BUILDINGS: C&I NC (<i>Applications Completed</i>) <i>Number of Applications Rebated</i>	40
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P NC (<i>Proposed ERP Approvals</i>) <i>Number of projects receiving P4P-NC Incentive #1 - Energy Reduction Plan</i>	6
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P NC (<i>As-Built Energy Reduction Plans Completed</i>) <i>Number of projects receiving P4P-NC Incentive #2 - Installation of Recommended Measures</i>	9
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P NC (<i>Commissioning Reports Completed</i>) <i>Number of projects receiving P4P-NC Incentive #3 - Post Construction Benchmarking Report</i>	8
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P EB (<i>Approved Energy Reduction Plans</i>) <i>Number of projects receiving P4P Incentive #1 - Energy Reduction Plan</i>	36
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P EB (<i>Installations Completed: Non-CHP</i>) <i>Number of projects receiving P4P Incentive #2 - Installation of Recommended Measures</i>	27
COMMERCIAL & INDUSTRIAL BUILDINGS: P4P EB (<i>M&V Reports</i>) Completed <i>Number of projects receiving P4P Incentive #3 - Post Construction M&V Report</i>	16
COMMERCIAL & INDUSTRIAL BUILDINGS: LEUP (<i>Approved FEEPs</i>) <i>Number of FEEPs approved</i>	17
COMMERCIAL & INDUSTRIAL BUILDINGS: CTEEP (<i>Applications Approved</i>) <i>Number of applications approved</i>	108
COMMERCIAL & INDUSTRIAL BUILDINGS: CTEEP (<i>Applications Completed</i>) <i>Number of applications rebated</i>	24
Local Government Energy Audit - <i>Audits Reviewed and Processed</i> <i>Number of audit applications reviewed and processed</i>	424
Local Government Energy Audit - <i>Audits Rebated</i> <i>Number of audit applications rebated</i>	509
Direct Install - <i>Applications Completed</i> <i>Number of projects completed</i>	841

RESIDENTIAL LOW INCOME	
COMFORT PARTNERS (<i>Number of Homes Completed</i>) <i>(includes the number of "Work in Progress" Homes (1,154 from June)</i>	5,434

Statewide Summary: Distributed Energy Resources / Renewable Energy
Reporting Period: 07-01-18 to 06-30-19 (Q4)

Program - Tracking Metric	Actual YTD
DISTRIBUTED ENERGY RESOURCES	
CHP/Fuel Cell/Biopower/Energy Storage (<i>Approved Applications</i>)	7
CHP/Fuel Cell/Biopower/Energy Storage (<i>Completed Applications</i>)	4
RENEWABLE ENERGY PROGRAMS	
SREC Registration (<i>Applications Accepted</i>)	21,459
SREC Registration (<i>Applications Completed</i>)	12,947

Section V

Notes and Definitions

Notes	
1	For Utility Comfort Partners actual participation figures represent results reported by electric utilities only.

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 the amount of rebate commitments that exist as of the end of the 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 Division 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 managers 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 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	Installed Savings represents the savings accrued as a result of the initiation of a given program and the installation of recorded measures.
10	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.
11	Annual Savings means the yearly (12 months) savings that will result from a measure installed or committed to during the program year.
12	Lifetime Savings means the savings to be accrued over the expected life of a measure installed or committed to during the program year.
13	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
14	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

15	<p>Units of Measure for Tracking Metrics:</p> <p>RESIDENTIAL ENERGY EFFICIENCY PROGRAMS</p> <p>Residential HVAC</p> <ul style="list-style-type: none"> - 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 <p>Residential New Construction</p> <ul style="list-style-type: none"> - Enrollments = Number of homes enrolled with commitments to build to RNC efficiency standards - Completions = Number of homes completed per RNC efficiency standards <p>Energy Efficient Products</p> <ul style="list-style-type: none"> - LEDs Distributed = Number of LEDs 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 or Applications Completed = Number of refrigerators rebated <p>Home Performance with ENERGY STAR</p> <ul style="list-style-type: none"> - 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 <p>RESIDENTIAL LOW INCOME PROGRAMS</p> <p>Comfort Partners</p> <ul style="list-style-type: none"> - Homes Completed = Number of homes with electric measures installed (gas homes completed is a subset of electric homes completed) <p>COMMERCIAL & INDUSTRIAL PROGRAMS</p> <p>C&I New Construction</p> <ul style="list-style-type: none"> - Applications Approved = Number of applications approved - Applications Completed = Number of applications rebated <p>C&I Retrofit</p> <ul style="list-style-type: none"> - Applications Completed = Number of applications rebated <p>Pay-for-Performance - New Construction</p> <ul style="list-style-type: none"> - 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 <p>Pay-for-Performance - Retrofit</p> <ul style="list-style-type: none"> - Approved Energy Reduction Plans = Number of projects that have approved ERPs - Installations Completed = Number of projects that have completed installation of recommended measures - M&V Reports Completed = Number of projects that have completed their measurement and verification report <p>Local Government Energy Audit</p> <ul style="list-style-type: none"> - Audits Reviewed and Processed = Number of audit applications reviewed and processed - Audits Rebated = Number of audit applications rebated <p>Direct Install</p> <ul style="list-style-type: none"> - Applications Completed = Number of projects completed <p>Large Energy Users Program</p> <ul style="list-style-type: none"> - Approved FEEPs = Number of applications with approved Final Energy Efficiency Plans <p>C&I CHP-FUEL CELL PROGRAMS</p> <p>CHP-Fuel Cell: Large and Small</p> <ul style="list-style-type: none"> - Approved Applications = Number of applications approved - Completed Installations = Number of applications that have completed installation of the CHP measures <p>RENEWABLE ENERGY PROGRAMS</p> <p>SREC Registration Program</p> <ul style="list-style-type: none"> - Applications Accepted = Number of applications approved - Applications Completed = Number of applications assigned a NJ Certification Number
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