

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

**April 9, 2007**

**Reporting Period:**  
**Year-to-Date through Fourth Quarter 2006**  
**(January 1, 2006 through December 31, 2006)**

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## I. Executive Summary

This document represents the twenty second report of the results of New Jersey's Clean Energy Program, administered by the New Jersey Board of Public Utilities' (the "Board" or "NJBPU") Office of Clean Energy. Included are financial, participation, energy savings/generation and emissions reduction data for the energy efficiency and renewable energy programs. Through the end of 2006, the energy efficiency programs were managed by New Jersey's seven investor-owned electric and natural gas utilities, the NJ Department of Community Affairs, and the NJ Department of Environmental Protection. The renewable energy programs were managed by the Office of Clean Energy in partnership with the NJ Economic Development Authority.

The success of these programs has been well documented in twenty one previous quarterly reports and annual reports for 2001 through 2005. This report captures the progress of the clean energy programs in place during the period from January 1, 2006 to December 31, 2006.

The Board is in the process of transitioning management of many of the programs from the utilities and the Office of Clean Energy to Market Managers selected through a competitive procurement process. On October 19, 2006, Honeywell International, Inc. was awarded a contract to manage the residential energy efficiency and renewable energy programs, and TRC Energy Services was awarded a contract to manage the commercial and industrial energy efficiency programs. Both firms commenced transition activities upon award of the contracts. However, as of the end of 2006, no program had been transitioned to Honeywell or TRC and no payments were made to either entity.

The report provides highlights of each program for the reporting period. In addition, Appendix 1 provides relevant notes and definitions and Appendix 2 includes detailed worksheets that show:

1. Expenditures compared to budgets for each program and for each entity that manages a program or a portion of a program;
2. Expenditures broken down by specific expense categories (e.g., administration, marketing and direct incentives);
3. Annual, lifetime and cumulative lifetime (since program inception):
  - a. electric and natural gas energy savings and demand reductions;
  - b. CHP electric capacity and generation; and
  - c. Renewable energy capacity and generation; and
4. Annual, lifetime and cumulative lifetime emissions reductions for Carbon Dioxide (CO<sub>2</sub>), Nitric Oxide (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>) and Mercury (Hg)

The following tables summarize the program results reported in Appendix 2.

Table 1 includes program budgets, actual spending year-to-date and commitments for the energy efficiency programs, the renewable energy programs and for the Office of Clean Energy program administration costs which include costs for the OCE's marketing and communications efforts and for evaluation activities. Committed expenditures in Table 1 represent firm commitments for incentives that will be paid upon project completion, which for certain programs such as the

Residential New Construction and CORE Programs 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*

<b>Summary of Statewide Results as of December 31, 2006</b>				
<b>Budget and Expenditures</b>				
(000s)	<u><b>Budget</b></u>	<u><b>Expenses</b></u>		
	<u><b>Actual</b></u>	<u><b>Committed</b></u>	<u><b>Total</b></u>	
Energy Efficiency (EE)	\$128,645	\$79,642	\$60,233	\$139,875
Renewable Energy (RE)	\$170,562	\$84,279	\$103,901	\$188,179
OCE Administration	\$9,907	\$7,276		\$7,276
Total	<u>\$309,114</u>	<u>\$171,197</u>	<u>\$164,134</u>	<u>\$335,330</u>

Table 2 below includes program budgets, actual spending year-to-date and commitments for the energy efficiency programs.

**Table 2: Energy Efficiency Program Budgets and YTD Expenses**

Summary of Statewide Results as of December 31, 2006 Energy Efficiency Program Budgets and YTD Expenditures				
(000s)				
Program	Budget	Actual	Expenses Committed	Total
<b>RESIDENTIAL PROGRAMS</b>				
Residential HVAC-Electric and Gas	\$16,705	\$14,849		\$14,849
Residential New Construction	\$27,720	\$19,728	\$42,932	\$62,660
ENERGY STAR Products				
Maintenance	\$1,054	\$606		\$606
Room AC	\$875	\$481		\$481
Change a Light & Other	\$1,320	-\$68		-\$68
On Line Audit	\$870	\$395		\$395
Home Performance with ENERGY STAR	\$3,595	\$1,952		\$1,952
Residential Low Income				
Utility Comfort Partners	\$21,330	\$16,557		\$16,557
WRAP	\$200	\$0		\$0
DCA Low-Income	\$3,725	\$1,652		\$1,652
DCA Green Homes	\$1,600	\$0		\$0
Energy Conservation Kits	\$607	\$371		\$371
<b>Sub-Total: Residential Programs</b>	<b>\$79,601</b>	<b>\$56,524</b>	<b>\$42,932</b>	<b>\$99,456</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>				
Commercial/Industrial Construction				
C&I New Construction	\$3,811	\$1,422	\$1,463	\$2,885
C&I Retrofit	\$25,180	\$16,973	\$8,178	\$25,151
New School Construction & Retrofit	\$3,872	\$1,672	\$1,113	\$2,786
Combined Heat and Power	\$6,681	\$1,875	\$4,429	\$6,304
<b>Sub-Total: C&amp;I Programs</b>	<b>\$39,544</b>	<b>\$21,943</b>	<b>\$15,183</b>	<b>\$37,126</b>
<b>OTHER PROGRAMS</b>				
Special Studies	\$1,000	\$52		\$52
NJDEP Cool Cities	\$4,000	\$1,123	\$2,118	\$3,241
Treasury HVAC	\$4,500	\$0	\$0	\$0
<b>Sub-Total: Other Programs</b>	<b>\$9,500</b>	<b>\$1,175</b>	<b>\$2,118</b>	<b>\$3,293</b>
<b>TOTAL Energy Efficiency Programs</b>	<b>\$128,645</b>	<b>\$79,642</b>	<b>\$60,233</b>	<b>\$139,875</b>

Table 3 below includes program budgets, actual spending year-to-date and commitments for the renewable energy programs.

**Table 3: Renewable Energy Program Budgets and YTD Expenses**

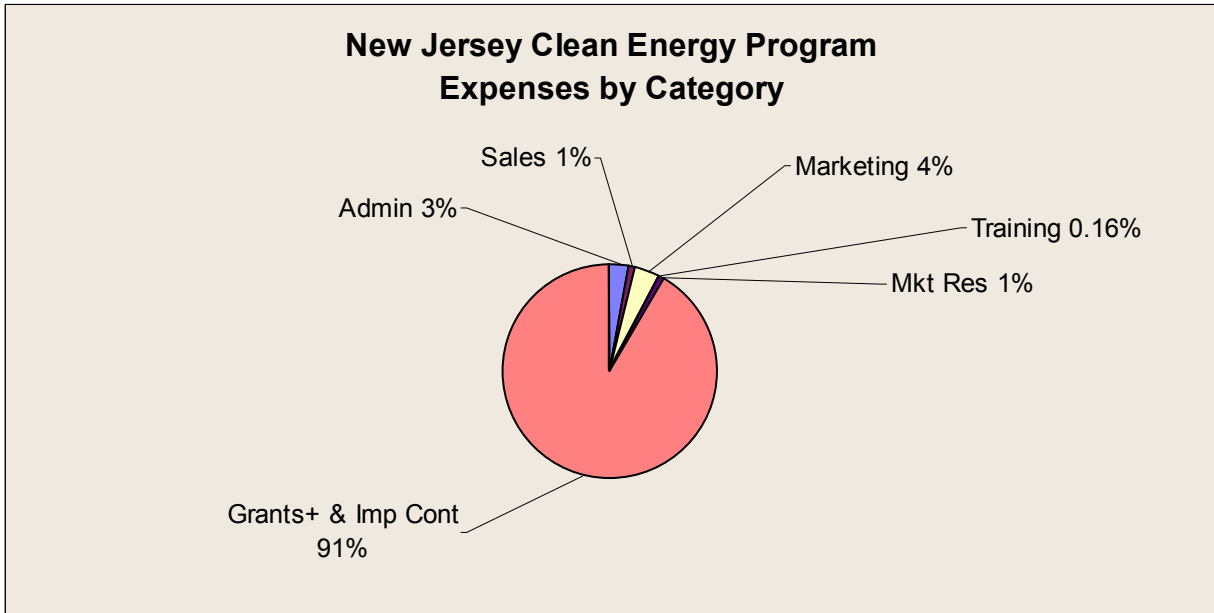
Summary of Statewide Results as of December 31, 2006 Renewable Energy Program Budgets and YTD Expenditures				
(000s)	Budget	Actual	Expenses Committed	Total
Program				
<b>OCE RENEWABLE PROGRAMS</b>				
Customer On-Site Renewable Energy (CORE)	\$148,796	\$82,723	\$95,233	\$177,955
CleanPower Choice	\$1,933	\$1,150	\$0	\$1,150
<b>Sub-Total: OCE Renewable Programs</b>	<b>\$150,729</b>	<b>\$83,873</b>	<b>\$95,233</b>	<b>\$179,105</b>
<b>EDA RENEWABLE PROGRAMS</b>				
Manufacturing Incentive	\$30	\$6	\$0	\$6
Public Entity Financing (RE)	\$6	\$6	\$0	\$6
Clean Energy Financing for Businesses	\$15	\$29	\$0	\$29
RE Project Grants and Financing (Incl. NJBPU)	\$11,782	\$203	\$7,956	\$8,159
Renewable Energy Business Venture	\$8,000	\$162	\$712	\$874
<b>Sub-Total: EDA Renewable Programs</b>	<b>\$19,833</b>	<b>\$406</b>	<b>\$8,668</b>	<b>\$9,074</b>
<b>TOTAL Renewable Energy Programs</b>	<b>\$170,562</b>	<b>\$84,279</b>	<b>\$103,901</b>	<b>\$188,179</b>

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 4, below, compares the OCE's actual expenditures with its approved budget for program oversight.

**Table 4: Office of Clean Energy Program Oversight Expenses**

Summary Statewide Results as of December 31, 2006 Office of Clean Energy Program Oversight Expenses		
(000s)	Budget	Actual
Adminstration and Overhead Expenses	\$2,835	\$1,580
Evaluation and Related Research Expenses	\$1,905	\$1,292
Outreach and Education Expenses	\$5,167	\$4,404
<b>TOTAL OCE Program Oversight</b>	<b>\$9,907</b>	<b>\$7,276</b>

*Table 5: Expenditures by Expense Category*



As shown in Table 5, above, 91% of 2006 expenditures were direct incentives to customers. These include grants and incentives, which include customer rebates, grants and demonstration projects, and implementation contractor expenditures, which include the cost of contracted services for delivery of measures including installation, materials, application processing and inspections.

As noted above, the worksheets provided in Appendix 2 include detailed energy savings data, Combined Heat and Power (CHP) generation data and renewable energy generation data by program. The annual and lifetime savings/generation data are for measures installed in 2006; the cumulative lifetime savings/generation are for measures installed since the programs were initiated, most in 2001. Savings include reductions in electric energy and natural gas usage as well as reductions in electric capacity requirements. CHP and renewable energy generation include both electric generation and capacity.

Annual savings/generation is equal to the annual savings/generation of any measure installed in 2006. The lifetime savings/generation is the expected savings/generation over the expected life of a measure installed in 2006. Measure lives range from 6 years for certain lighting such as CFLs to 25 years for renewable energy systems and new home measures. In calculating cumulative lifetime savings the lifetime savings from measures installed in 2006 are added to the lifetime savings of measures installed in the years 2001 through 2005.

Table 6 below summarizes annual, lifetime and cumulative lifetime energy savings, CHP generation and renewable energy generation from measures installed in 2006 and since the programs' inception in 2001.

*Table 6: Energy Savings/Energy Capacity and Generation*

<b>Summary of Statewide Results as of December 31, 2006</b>			
<b>Energy Savings/Energy Capacity and Generation</b>			
	<u><b>Actual</b></u>	<u><b>Committed</b></u>	<u><b>Total</b></u>
<b><u>Annual</u></b>			
MWh Saved (EE)	126,551	65,094	191,645
Dekatherms Saved (EE)	640,178	689,799	1,329,977
MWh Generated			
Combined Heat and Power	12,575	0	12,575
Renewable Energy (RE)	68,869	74,909	143,778
<b><u>Lifetime</u></b>			
MWh Saved (EE)	1,935,790	1,021,937	2,957,727
Dekatherms Saved (EE)	9,137,228	6,832,628	15,969,856
MWh Generated			
Combined Heat and Power	112,759	0	112,759
Renewable Energy (RE)	812,550	904,290	1,716,840
<b><u>Cumulative</u></b>			
MWh Saved (EE)	16,812,501	9,167,999	25,980,500
Dekatherms Saved (EE)	47,964,542	58,765,860	106,730,402
MWh Generated			
Combined Heat and Power	124,257	729,628	853,884
Renewable Energy (RE)	1,600,949	3,665,687	5,266,636

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 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 7 below summarizes the emission reductions that result from the installation of program measures.



*Table 7: Summary Annual Emission Reductions*

<b>Summary of Statewide Results as of December 31, 2006</b>			
<b>Annual Emissions Reductions</b>			
	<b>Electric Programs</b>	<b>Gas Programs</b>	<b>All Programs</b>
<u>CO2 (Metric Tons)</u>			
Energy Efficiency (EE)	87,137	34,046	121,183
Renewable Energy (RE)	32,252	N/A	32,252
Total	<u>119,389</u>	<u>34,046</u>	<u>153,435</u>
<u>NOX (Metric Tons)</u>			
Energy Efficiency (EE)	161	27	187
Renewable Energy (RE)	59	N/A	59
Total	<u>220</u>	<u>27</u>	<u>247</u>
<u>SO2 (Metric Tons)</u>			
Energy Efficiency (EE)	373	N/A	373
Renewable Energy (RE)	138	N/A	138
Total	<u>511</u>	N/A	<u>511</u>
<u>Hg (Pounds)</u>			
Energy Efficiency (EE)	4	N/A	4
Renewable Energy (RE)	2	N/A	2
Total	<u>6</u>	N/A	<u>6</u>

Additional information about New Jersey's Clean Energy Program can be found at [www.njcleanenergy.com](http://www.njcleanenergy.com).

## II. Introduction

This document represents the twenty second report of the results of the New Jersey's Clean Energy Program. With its 2001 Comprehensive Resource Analysis ("CRA") Order<sup>1</sup>, 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. Included in this report are financial, participation, energy savings and emissions reduction data for the energy efficiency and renewable energy programs that are managed by New Jersey's seven investor-owned electric and natural gas utilities, 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"), Rockland Electric Co. ("RECo"), and South Jersey Gas Co. ("SJG"), by the NJ Department of Community Affairs, by the NJ Department of Environmental Protection, 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 twenty previous quarterly reports and annual reports for 2001 through 2005.

The programs and related budgets for the 2006 operating year are presented here. The final 2006 budgets were approved by the Board in an Order dated December 22, 2006.

The data worksheets included here as Appendix 2 have been formatted to reflect the Board's actions in adding, deleting or modifying the line up of programs offered. In addition, the budget figures reported on those worksheets are the same as those approved by the Board, as modified since issuance of its initial 2006 budget Order. Program financial results for the period from January 1, 2006 through December 31, 2006 are measured against those budgets.

Overall, for 2006, the approved programs resulted in 126,551 MWh and 640,178 dekatherms of reduced annual energy requirements for the homes and businesses of New Jersey, and CO<sub>2</sub> emissions have been reduced by 153,435 metric tons annually. These energy savings are in addition to those annual savings generated by the programs in 2001 through 2005, and over the expected cumulative lifetime of the measures installed since inception of the programs these savings are expected to grow to 16,812,501 MWh and 47,964,542 dekatherms.

In addition, it is expected that over the cumulative lifetime of the projects currently installed and operating the CHP and renewable energy programs will generate 124,257 and 1,600,949 MWhs of electrical power, respectively.

Finally, there also remain outstanding 16,964 commitments for new homes to be constructed in compliance with the high standards of the New Jersey ENERGY STAR® Homes Program, 187 commitments for commercial and industrial construction projects to be completed in accordance with the requirements of the New Jersey SmartStart Buildings® Program, 933 commitments for buildings to be retrofit in accordance with the terms of the same SmartStart program, and 102

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<sup>1</sup> *In the Matter of the Petition of the Filings of the Comprehensive Resource Analysis of Energy Programs Pursuant to Section 12 of the Electric Discount and Energy Competition Act of 1999*, BPU Docket Nos.: EX99050347, EO99050348, EO99050349, EO99050350, EO99050351, GO99050352, GO99050353, and GO99050354, issued March 9, 2001.

commitments for schools to be built under the same guidelines. These represent additional projected annual energy savings of 65,094 MWh and 689,799 dekatherms. In addition, there remain outstanding commitments for 10 Combined Heat and Power projects and 2,951 Customer On-Site Renewable Energy projects, which over their cumulative lifetimes are expected to generate an additional 729,628 and 3,665,687 MWhs of electrical power, respectively.

As of December 31, 2006, the Board has approved the following Clean Energy Programs:

**RESIDENTIAL ENERGY EFFICIENCY PROGRAMS**

Residential HVAC – Electric & Gas  
Residential New Construction  
Residential ENERGY STAR® Products (Maintenance, Room AC, Change a Light & Other,  
On Line Audit, Home Performance with ENERGY STAR®)  
Residential Low Income (Utility Comfort Partners,  
Weatherization, Rehabilitation & Asset Preservation (WRAP), DCA Low Income)  
DCA Green Homes  
Energy Conservation Kits

**NONRESIDENTIAL ENERGY EFFICIENCY PROGRAMS**

Commercial & Industrial Construction  
(New Construction, Retrofit, School Construction and Retrofit, Combined Heat and Power)

**OTHER PROGRAMS**

Special Studies  
NJDEP Cool Cities  
Treasury HVAC

**RENEWABLE ENERGY PROGRAMS**

Customer On-Site Renewable Energy (CORE)  
Clean Power Choice

**ECONOMIC DEVELOPMENT AUTHORITY PROGRAMS**

Clean Energy Financing for Businesses  
RE Project Grants and Financing (Including NJBPU Grid)  
Renewable Energy Business Venture Financing/REED

Following are highlights and expense and participation information for each program. In addition, Appendix 2 consists of detailed Reporting Data Worksheets that support the expense and participation results.

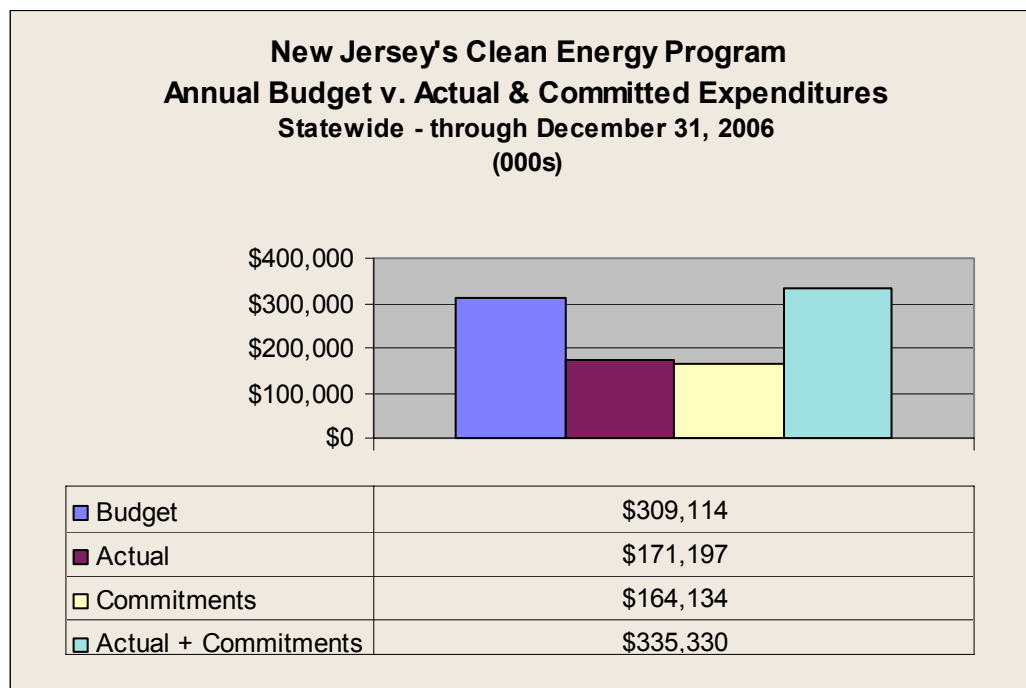
### III. Overall Program Expenditures and Results<sup>2</sup>

#### A. Expenditures

Worksheet 1 reports the statewide actual and committed expenses for the Energy Efficiency Programs and the Renewable Energy Programs, as well as the actual administrative expenses for the New Jersey Board of Public Utilities' (NJBPU) Office of Clean Energy (OCE) and compares them to the approved budgets set for each.

Worksheet 2 reports these same expenditures by expense category, breaking down the total statewide cost of each program into the specific categories defined below.

#### 1. Total NJ Clean Energy Program Expenditures



*Figure 1 – Annual Budget v. Actual and Committed Expenditures:  
Statewide for New Jersey Clean Energy Program*

As noted above, Worksheet 1 provides a comparison of budget to actual expenditures. It shows these results both in dollar and percentage terms.

Figure 1, above, provides a graphic representation of Statewide actual expenses, committed expenses, and actual + committed expenses, as compared with authorized budgets, for the Energy Efficiency and Renewable Energy Programs in place for 2006, and for NJBPU OCE Administration of those programs. Statewide expenditures for approved Energy Efficiency, Renewable Energy Programs and OCE Administration through December 31, 2006, are \$171,197,000 or approximately 55% of the statewide total of \$309,114,000 approved by the Board for these same programs. Additional expenditures for various commitments approved

<sup>2</sup> All worksheets referred to in this section are provided in Appendix 2.

since the inception of New Jersey's Clean Energy Program and remaining outstanding as of December 31, 2006, total \$164,134,000 and raise that figure to approximately 108% of the program budget for 2006. Approximately 63% of these committed expenditures are related to renewable energy programs, and an additional 26% to Residential New Construction. While these percentages are derived by comparing the sum of the actual and committed expenditures incurred for the reporting period with the total NJBPU budget approved for 2006, it is expected that some of these committed expenses ultimately will be paid from future program budgets as the committed projects are completed.

## **2. Detailed Expenditures Statewide per Program**

Worksheet 2 breaks down the data regarding the total statewide cost of each program into eight specific categories, which are defined in Appendix 1, Notes and Definitions. These include:

- a. Administration Expenditures
- b. Sales Expenditures
- c. Marketing and Promotions Expenditures
- d. Training Expenditures
- e. Market Research, Evaluation and Program Development Expenditures
- f. Direct Payments:
  - i. Grants and Incentives
  - ii. Implementation Contractor Expenditures
- g. Performance Incentives<sup>3</sup>

The Worksheets also calculate what percent of total expenditures is represented by each of the individual categories. These percentages are graphically depicted in Figure 4, above.

## **B. Participation – Statewide per Program**

Worksheet 3 presents the number of participants resulting from implementation of any given program (i.e., *Actual Participants*) and those resulting from contractual commitments for program participation made in the reporting period, but scheduled for installation in future reporting periods (i.e., *Commitments*). Units of measure for counting participants are defined in Appendix 1. As noted above, no participation goals were established for 2006.

## **C. Energy Savings**

Worksheets 4 and 5 provide annual electric savings/generation data; Worksheets 6 and 7 provide the same data for the expected lifetime of the program measures installed for the reporting period; and Worksheets 8 and 9 calculate the energy savings/generation to be expected over the cumulative lifetime of all projects completed or measures installed since the programs were initiated, i.e., for 2001 through 2005.

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<sup>3</sup> The New Jersey Board of Public Utilities has never granted performance incentives to any New Jersey's Clean Energy Program manager.

For natural gas, Worksheet 10 provides statewide summary of annual savings as a result of the implementation of the energy efficiency and renewable energy programs approved by the Board; Worksheet 11 presents the same data, but calculated for the lifetime of the measures installed; Worksheet 12 shows the cumulative gas savings to be accrued over the expected life of a measure installed or committed to since program inception, i.e., for 2001 through 2005.

#### **D. Emissions Savings**

Worksheets 13, 14 and 15 capture statewide data, calculated pursuant to conversion formulas developed by the New Jersey Department of Environmental Protection (NJDEP), regarding the annual, lifetime and cumulative lifetime reductions in sulfur dioxide, nitric oxide, carbon dioxide and mercury emissions to be realized as a result of program implementation.

## IV. Detailed Program Results<sup>4</sup>

### A. Residential HVAC – Electric and Gas

#### 1. Program Description

The Residential Gas & Electric HVAC Program promotes energy efficient HVAC equipment and is designed to transform the market to one in which quality installations of high efficiency equipment are commonplace. It promotes both the sale of high efficiency equipment and, for cooling equipment, improvements in sizing and installation practices that affect operating efficiency. Rebates under this program are available to promote the installation of qualified HVAC equipment (ENERGY STAR® rated gas furnaces, boilers and efficient gas water heaters; Energy-efficient air conditioners and heat pumps) in existing residential homes (retrofit) and newly constructed homes in Planning Areas 1 and 2 and Designated Centers as described on the New Jersey State Planning Map. The Program also offers sales and technical training for HVAC technicians and contractors. The long-term goal is to transform the market to one in which energy-efficient equipment becomes the market standard.

#### 2. Program Highlights

In 2006, the Program:

- Trained 389 contractors in the fourth quarter through Eastern Heating & Cooling Council who received instruction in courses covering air-conditioning, air flow/charging, NATE refresher, ACCA Manual J and ACCA Manual D. This was a very successful year with 1,069 technicians receiving training through December 31, 2006.
- Added 23 contractors and 36 technicians to the list of NATE-certified gas technicians in the fourth quarter, resulting in 237 year-to-date NATE certifications.
- Achieved a milestone of greater than 5,000 technicians trained since inception of the Clean Energy Program (Years 2001 – 2006).

#### 3. Financial and Energy Savings/Generation Results

Residential HVAC-Electric and Gas			
2006 Program Budget :		\$16,705,000	
2006 YTD Actual Expenditures :		\$14,849,352	
Actual	Annual Energy Savings		
"Participants"	MWh	kW	Dtherm
26,379	11,545	9,651	231,174

<sup>4</sup> All worksheets referred to in this section are provided in Appendix 2.

## **B. Residential New Construction (NJ ENERGY STAR® Homes)**

### ***1. Program Description***

The Residential New Construction (RNC) Program is designed to increase the efficiency of residential new construction, with the long term goal of transforming the market to one in which all new homes are built at least as efficiently as the current EPA ENERGY STAR® homes standard. There are a number of market barriers to efficiency investments in new construction. Key among these are: (1) split incentives (i.e. builders who make design decisions will not pay the additional costs associated with those decisions); (2) lack of information on the benefits of efficiency (on the part of consumers, builders, lenders, appraisers, realtors and others); (3) limited technical skills to address key elements of efficiency; and (4) inability of consumers, lenders, appraisers and others to differentiate between efficient and standard homes. This program plan employs several key strategies to overcome these barriers. These include:

- Incentives to builders to construct homes to program standards.
- Marketing assistance to builders of ENERGY STAR rated homes.
- Technical assistance to builders and their subcontractors.
- Home energy ratings and ENERGY STAR certification to qualified homes.
- Support to the Department of Community Affairs, RESNET, and US EPA to foster the development of market-based mechanisms to facilitate market transformation, including a uniform statewide energy rating system and accreditation of raters.
- Technical support/training on residential energy code updates and implementation.

### ***2. Program Highlights***

The following events and activities highlighting the Residential New Construction (RNC) Program during the fourth quarter of 2006:

- Conducted a series of ENERGY STAR® training workshops for NJESH participating firms and architectural firms.
- Conducted a series of construction site “frame walks” with builders to point out field application of the EPA’s Thermal Bypass Checklist.
- Provided K. Hovnanian Homes Northeast Region Quarterly Training to approximately 100 staff members and included 2006 EPA program changes.
- Held meeting with NJHFMA and NJDCA to discuss ENERGY STAR® in multifamily and historic buildings and proposed changes in the Low Income Housing Tax Credits Qualified Allocation Plan.
- Builders trained for the year totaled 692.



### 3. Financial and Energy Savings/Generation Results

<b>Residential New Construction</b>			
2006 Program Budget : \$27,720,000			
2006 YTD Actual Expenditures : \$19,728,440			
Actual	Annual Energy Savings		
<u>"Participants"</u>	<u>MWh</u>	<u>kW</u>	<u>Dtherm</u>
5,509	5,181	13,285	164,504

## **C. ENERGY STAR® Products**

### **1. Program Description**

The Residential ENERGY STAR® Products Program promotes the sale and purchase of ENERGY STAR® rated and labeled residential lighting, appliances, and windows products. The long-term goal of the program is to transform the market into one in which ENERGY STAR® residential products become the standard purchasing practice of New Jersey consumers. The program employs several key strategies to accomplish this goal, including:

- Education consumers on their energy usage and the role that energy efficiency plays in reducing their overall residence's energy consumption.
- Providing a retail infrastructure whereby energy efficient products become the norm in a consumer's buying decision.
- Marketing and training support for retailers, manufacturers and contractors selling ENERGY STAR® products.
- Supporting the development of State appliance standards (e.g., torchieres and ceiling fans), minimum federal appliance standards and ENERGY STAR® appliance specifications, as appropriate.
- Leveraging national programs, promotions, marketing, and advertising.
- Targeted rebates or other incentives to reduce first cost barriers of ENERGY STAR® lighting, appliances, windows and thermostats.

### **2. Program Highlights**

**Fall Change-a-Light Campaign** - During the fall of 2006, New Jersey's Clean Energy Program partnered with Lowe's and Home Depot to promote ENERGY STAR® lighting in an ENERGY STAR® Change-a-Light campaign. The goal: to promote and educate consumers on ENERGY STAR® lighting. Account Managers participated in 15 Lowe's and Home Depot store events throughout the State. Each store event was held on Saturday when customer traffic is typically high.

Account Managers set up booths at each store front entrance displaying the New Jersey's Clean Energy Program banner and provided free point-of-purchase materials, handouts, giveaways for kids and demonstrated a light comparator. The giveaways included Frisbees printed with the ENERGY STAR® logo, New Jersey's Clean Energy Program pens, ENERGY STAR® lighting fact sheets and EPA zipper pulls for taking the ENERGY STAR® Change-a-Light Pledge.

Customers had a high degree of interest in compact fluorescent lights (CFLs) and asked many questions. After visiting the Change-a-Light display, 470 customers made Change-a-Light pledges and many proceeded to stop by the store lighting aisle to purchase ENERGY STAR® CFLs.

### 3. Financial and Energy Savings/Generation Results

ENERGY STAR Products			
2006 Program Budget :		\$7,714,000	
2006 YTD Actual Expenditures :		\$3,365,614	
Actual	Annual Energy Savings		
"Participants"*	MWh	kW	Dtherm
29,589	544	567	108

*Participants include 9,607 for window air conditioners and 1,074 On-Line-Audit participants.*

## **D. Residential Low Income**

### **1. Program Description**

The Residential Low Income Program includes “Comfort Partners”, offered by Atlantic City Electric Company, Jersey Central Power & Light, New Jersey Natural Gas, NUI Elizabethtown Gas, PSE&G, Rockland Electric Company, and South Jersey Gas, is designed to improve energy affordability for low-income households. To achieve this objective, it must overcome several market barriers. Key among these are: (1) lack of information on either how to improve efficiency or the benefits of efficiency; (2) low income customers do not have the capital necessary to upgrade efficiency or even, in many cases, keep up with regular bills; (3) low income customers are the least likely target of market-based residential service providers due to perceptions of less capital, credit risk and/or high transaction costs; and (4) split incentives between renters and landlords. The Program addresses these barriers through:

- Direct installation of all cost-effective energy efficiency measures (addressing all fuels).
- Comprehensive, personalized customer energy education and counseling.
- Arrearage reduction for participants who agree to payment plans.
- Coordination with other low income program services and agencies.

For 2006, the Low Income Program has been expanded to include the Weatherization, Rehabilitation & Asset Preservation program and the Department of Community Affairs’ Low Income program, known as the Weatherization Assistance Program (WAP). DCA partnered with the utilities for the efficient delivery of similar program services.

### **2. Program Highlights**

**Comfort Partners Program** - Comfort Partners served 7,190 households in 2006 and reached 95% of the established statewide participant goal. The program served more low-income households than in any other year since the program began in 2001.

New Quality Assurance reports were developed in the CP system to track contractor training needs. The information was based on categories of jobs that did not pass inspection. Other CP System enhancements included adding automated calculations of protocols savings for HVAC system replacement.

In addition to other marketing efforts, a mailing was sent during November to 9,200 high energy use USF participants for possible participation in New Jersey Comfort Partners program.

The Washington, DC, Energy Office wanted to learn more about individual customer energy education and requested copies of the NJ Comfort Partners Energy Education video series. The videos are used to train contractors. The Working Group also shared Comfort Partners program details with the Governor’s Office of West Virginia for possible use in their developing weatherization program.

The Working group ordered and distributed 2007 Energy Savers calendars for use in providing energy saving tips to Comfort Partners customers.

A small subgroup was formed to follow up on issues regarding HVAC replacement material costs, health and safety, customer education etc.

This was the first full year that HVAC replacement was a standard and more common program measure. During the fourth quarter, gas furnace replacement energy savings protocols were programmed into the CP System. So that the utilities do not have to restate the energy savings resulting from HVAC systems replaced in the first through third quarters, these savings are included in the fourth quarter results.

**Low-Income Weatherization Program** - The Department of Community Affairs (DCA) completed a total of 497 units in the fourth quarter and a total of 1,362 for 2006 with Clean Energy Program funding.

Total Measures Installed in 4<sup>th</sup> Quarter

- 102 base load measures
- 1,273 efficient lights
- 220 heating system replacements
- 180 refrigerators

Total Measures for the Year

- 294 base load measures
- 4,480 efficient lights
- 585 heating systems
- 452 refrigerators

DCA has identified a new data system that will improve the reporting process and provide additional information on energy savings and leveraging and ensure that reports are generated in a timely fashion. This system is approved by DOE and is used in a number of states for weatherization and LIHEAP. The cost for the new data system including licenses, one-time set-up fees and training is approximately \$300,000. DCA has requested \$286,000 from the Department of Energy for the software and training.

The use of the new data system will result in the following program improvements:

- Weatherization agencies will not have to complete multiple entries of client demographics and energy evaluation data
- Weatherization agencies will have the ability to submit a single report to DCA for all homes weatherized with multiple funding sources.
- DCA will have the ability to assign the cost of measures to the appropriate funding source.
- DCA will have the ability to generate reports to funding sources in the appropriate format.
- DCA will have the ability to generate program specific and combined energy savings reports.
- DCA will have the ability to maintain a database of all weatherized units.
- DCA will have the ability to generate detailed leveraging reports.

### 3. Financial and Energy Savings/Generation Results

Residential Low Income			
2006 Program Budget : \$25,255,000			
2006 YTD Actual Expenditures : \$18,209,335			
Actual	Annual Energy Savings		
"Participants"	MWh	kW	Dtherm
8,552	10,708	1,645	42,526

## **E. DCA Green Homes**

As noted previously, this program has been approved for implementation by the NJBPU, but for the time period of this report it remained in development.

## F. Energy Conservation Kits

### 1. Program Description

An Energy Conservation Kit program was developed and implemented in the fall of 2005 to help provide homeowners with some relief from the rising price of natural gas energy. For the advertised price of \$5.00, consumers could purchase a low cost "Natural Gas Cost Cutter Kit", which included eight energy saving items, along with a copy of the NJBPU's Five Tips on how to use less energy. Kit instructions were prepared in both English and Spanish. The toll free telephone number was staffed with a Spanish speaking Customer Service Representative (CSR).

### 2. Program Highlights

Statewide marketing and promotional activities for the 2006 Cost Cutter Kit Program began in October. Channels used to communicate the offer included utility web sites, bill inserts, customer service centers and certain field seminars and conservation exhibits. Customer orders were placed either online or through mail reply coupons. Customer purchase price is \$5.00 for the standard kit, and \$9.99 for the kit containing the hand held low flow shower head, an addition to the kit for 2006. The October through December period produced 10,859 kit sales. Plans are to continue the offer through April 2007. However, the program does contain messaging that it will be available as long as supplies last. The statewide program goal for the 2006 program is 26,000 kits.

### 3. Financial and Energy Savings/Generation Results

Energy Conservation Kits			
2006 Program Budget :	\$607,000		
2006 YTD Actual Expenditures :	\$371,194		
Actual	Annual Energy Savings		
"Participants"	MWh	kW	Dtherm
10,859	N/A	N/A	37



## G. Commercial & Industrial Construction

### 1. Program Description

The Commercial & Industrial Energy Efficient Construction Program, which is marketed as New Jersey SmartStart Buildings, is the umbrella name for four individual programs for targeted market segments: 1) commercial new construction; 2) commercial retrofit; 3) Abbott schools; and 4) Non-Abbott schools. The programs are designed to:

- Capture lost opportunities for energy efficiency savings that occur during customer-initiated construction events (i.e., when customers normally construct buildings or buy equipment).
- Achieve market transformation by helping customers, designers and specifiers to make energy efficient equipment specification, building/system design, lighting design, and commissioning standard parts of their business practices.
- Stimulate small commercial customer investments in energy efficiency measures.
- Help facilitate effective implementation of New Jersey's new commercial energy code and future upgrades to that code.

### 2. Program Highlights

For 2006, the NJ SmartStart Buildings® program received a total of 1,152 applications. The vast majority came from the existing market which represented over 81% of the applications. Over 13% represented applications from the new construction market, and nearly 6% of the applications received were from schools.

In terms of actual incentives paid; the program issued a total 2094 rebates. Of which 86% were to the existing commercial market, 9% were issued to newly constructed facilities, and 5% of the incentives were issued to K-12 schools.

The program is transitioning from Utility Management to TRC, as selected by the Office of Clean Energy and it is anticipated that the transition will be completed by the end of the 1<sup>st</sup> Quarter of 2007.

### 3. Financial and Energy Savings/Generation Results

Commercial/Industrial Construction						
	New Construction		Retrofit	Schools	Total	
2006 Program Budget :	\$3,811,000	\$25,180,000	\$3,872,000	\$32,863,000		
2006 YTD Actual Expenditures :	\$1,422,295	\$16,972,839	\$1,672,394	\$20,067,528		
	Actual Participants			Annual Energy Savings - Total		
	New Constr.	Retrofit	Schools	MWh	kW	Dtherm
	187	1,798	109	98,377	26,301	201,829

## H. Combined Heat and Power

### 1. Program Description

A segment of the Commercial & Industrial Energy Efficiency Program, the Combined Heat & Power (CHP) program provides financial incentives for combined heat and power installations that enhance energy efficiency via on-sit power generation with recovery and productive use of waste heat, thereby reducing existing and new demands on the electric power grid. The goals and objectives of the CHP program are:

- to reduce overall system peak demand;
- to encourage the use of emerging technologies;
- to use energy more efficiently and reduce emissions of greenhouse gases; and
- to use distributed generation to provide reliability solutions for New Jersey.

### 2. Program Highlights

On September 28, 2006, the Utilities, OCE staff, and the Rutgers Center for Advanced Energy Studies met to discuss and evaluate applications received under the 2006 CHP Solicitation. In 2006, 17 applications were received which represented 25.2 MW of power and had a total incentive worth \$12.388 million. The 2006 budget approved at the time of the meeting was \$7.750 million, thus only the best projects could be recommended for approval. The applications ranged from municipal and county facilities to large industrial firms, to assisted care centers, to large well known universities. The machinery that would be offset by incentives was varied as well. Applications were received for fuel cells, both micro-turbines and large turbines, and finally engine technology.

Given that there were more projects applying for funding than the budget could sustain, it was agreed that final awards would approved by the NJBPU during the first quarter of 2007 and the utilities will notify their customers of the outcome.

In addition to processing program application as noted above, the CHP program also saw a 1MW micro-turbine plant installed at the Merck & Co. Inc. facility in Rahway, New Jersey. The plant consists of four 250 kW micro-turbines with full heat recovery that allows for the simultaneous production of electricity and steam in a continuous electric power mode of operation. A Combined Heat and Power rebate of \$780,000 was awarded for the project.

### 3. Financial and Energy Savings/Generation Results

Combined Heat and Power			
2006 Program Budget :		\$6,681,000	
2006 YTD Actual Expenditures :		\$1,875,394	
Actual	Annual Energy Generation		
"Participants"	MWh	kW	Dtherm
4	12,575	3,175	1,000

## **I. Special Studies**

This program has been approved for implementation by the NJBPU, but for the time period of this report it remained in development.

## J. NJDEP “Cool Cities” Tree Planting Program

### 1. Program Description

The NJDEP “Cool Cities” Tree Planting Program aims to reap the environmental, health and economic benefits of urban trees. Such tree planting efforts help reduce the demand for electricity and lower energy consumption. Trees absorb more air pollution, significantly cool elevated temperatures in cities, lower energy costs and improve the overall quality of life in our urban communities. Trees conserve energy and help to make cities attractive places to live and work. They also reduce incoming solar radiation by approximately 90 percent and through the absorption of sunlight energy, evaporation, and a reduction in heat-trapping air pollutants - trees will help reduce the heat effect on city streets during the summer.

### 2. Program Highlights

During the Fourth Quarter 2006, over 2,000 trees were planted and two grants were administered. Trees were planted in Asbury Park, Paterson, and Jersey City. (No trees were planted in Jersey City this season and only the concrete was cut/removed.) The empty tree pits were filled with mulch. Some of the trees that were due to be planted in Jersey City are in storage for the upcoming spring of 2007.

City	Total Trees	Small Trees	Large Trees	Concrete Removed
Asbury Park (1st set)	516	282	234	0 ft. <sup>2</sup>
Asbury Park (2nd set)	217	128	89	0 ft. <sup>2</sup>
Paterson	774	439	335	3,381 ft. <sup>2</sup>
Jersey City	242	125	117	1,435 ft. <sup>2</sup>
Prospect Park	255	160	95	801 ft. <sup>2</sup>
<b>TOTAL</b>	<b>2,004</b>	<b>1,134</b>	<b>870</b>	<b>5,617 ft.<sup>2</sup></b>

VIP Contractors completed the final phase of their agreement with the Department of Environmental Protection by replacing all 54 dead and unhealthy trees from their fall 2005 planting season at no additional cost, as per the required guarantee. Dead tree replacements were monitored by DEP foresters using a tree replacement planting plan. The replacement tree numbers for VIP per city in 4Q06 are as follows:

Fall 2005 Cool City	Fall 2006 Trees Replaced
Elizabeth	43
Trenton	6
Highland Park	5
<b>VIP, Inc. TOTAL</b>	<b>54</b>

The Cool Cities Tree Planting Grants (a.k.a. Round One) Spending Plan was approved by the Bureau of Contracts and Procurement for approximately \$654,016 to fund the first 26 grants.

The deadline for the Cool Cities Municipal Tree Planting Grant (a.k.a. Round Two) applications was November 3 (during 4Q06). Grant applications were received, reviewed and scored. The Spending Plan for the Cool Cities Municipal Tree Planting Grant in the amount of \$437,984 for these 19 grants was sent to the Bureau of Contracts and Procurement. The Forest Service is awaiting their response:

<u>Municipality</u>	<u>County</u>	<u>Amount Awarded</u>
Chatham	Morris	\$24,415.00
City of Plainfield	Union	\$25,000.00
Delaware Twp.	Hunterdon	\$23,150.00
Franklin Lakes	Bergen	\$25,000.00
Freehold Twp.	Monmouth	\$25,000.00
Garfield	Bergen	\$25,000.00
Hamilton	Mercer	\$25,000.00
Haworth	Bergen	\$22,450.00
Linden	Union	\$22,000.00
Millburn Twp.	Essex	\$18,025.00
Ocean City	Cape May	\$25,000.00
Red Bank	Monmouth	\$24,308.00
Ridgefield Park	Bergen	\$25,000.00
River Edge	Bergen	\$24,426.00
Stratford	Camden	\$25,000.00
Upper Saddle River	Bergen	\$23,472.50
Washington Borough	Warren	\$25,000.00
Woodbine	Cape May	\$25,000.00
Millville	Cumberland	\$5,737.50

### 3. *Financial and Energy Savings/Generation Results*

<b>NJDEP Cool Cities</b>	
2006 Program Budget :	\$4,000,000
2006 YTD Actual Expenditures :	\$1,123,000
Number of	<u>Annual Energy Savings</u>
<u>Trees Planted</u>	<u>MWh</u>
2,004	196

## **K. Treasury HVAC**

This program has been approved for implementation by the NJBPU, but for the time period of this report it remained in development.

## **L. Renewable Energy Programs**

### **1. Program Description**

The New Jersey Board of Public Utilities' Office of Clean Energy and the New Jersey Economic Development Authority administer the New Jersey's Clean Energy Program's Renewable Energy Programs, which are designed to promote the development and installation of renewable projects statewide. The programs provide a coordinated set of market intervention strategies to help overcome market barriers and encourage the transition towards self-sustaining markets.

### **2. Program Highlights**

#### **CORE**

In the fourth quarter of 2006, the Office of Clean Energy (OCE) provided more than \$32 million in rebates to reduce the installed costs for New Jersey ratepayer-sited projects aggregating to more than eight (8) MW of solar photovoltaic system capacity in the Customer On-site Renewable Energy (CORE) Program. Two hundred and eighty (280) solar photovoltaic (PV) projects were provided rebates from October 1 thru December 31, 2006. For all of 2006, \$81.5 million in rebates were provided to 1005 projects aggregating to more than 18 MW of solar photovoltaic capacity.

Over one hundred and fifty (159) applications were received during the fourth quarter compared to more than eight hundred (838) applications received in the third quarter, 210 applications in the second quarter and over one thousand (1071) received in the first quarter. Applications for CORE rebate commitments from private sector applicants were placed in queue per the procedures set forth by the Board on February 13, 2006 and March 22, 2006. Applications from public sector and Sunlit applicants were reviewed and approved if the application was found to be complete. 70 applications were approved for CORE rebate commitments worth \$13.9 million for 4.60 MW of solar capacity in the fourth quarter. Over 90% of the applications approved were received prior to the fourth quarter.

A total of 2278 CORE rebate applications were received, deemed complete application packages and processed in 2006. Of the total applications received and processed in 2006, more than 565 of these applications were approved for rebate commitments and over 260 completed to date. Applications submitted incomplete, missing elements or with errors were returned to the applicants. The surge in CORE applications in the first and third quarters were a direct result of the two rebate reductions in the first quarter of 2006, the first occurring January 31 and the second on March 13 and the rebate reduction which occurred on August 31.

Staff continued discussion with renewable energy industry stakeholders on the limitations of NJCEP renewable energy budget, specifically the CORE rebate program, in reaching the RPS solar goals. The expected shortfall in capacity for Energy Year 2008 was a primary topic in the Alternative Compliance Payment Advisory Committee meetings convened by staff to formulate recommendations on establishing the ACP and SACP levels in time for the upcoming BGS auction. On November 9, the Board issued a Request for Public Comment on the issues related

to the ACP and SACP levels including those surrounding the imbalance between the RPS solar goals and NJCEP funding level with a deadline of December 11, 2006. On November 13, staff and the authors of four transition model whitepapers participated in a roundtable discussion attended by over 60 interested stakeholders at Monmouth College.

On October 20, 2006, a contract for program management services was signed with Honeywell to serve as Renewable Energy Market Manager.

### **Renewable Energy Project Grants and Finance Program**

*(formerly known as the Renewable Energy Advanced Power program and the Grid Supply Program)*

During the fourth quarter of 2006, the Office of Clean Energy (OCE) continued to process proposals previously received under the REAP and GRID Supply programs. In 2005, the program formerly titled Renewable Energy Advanced Power Plant Program (REAP) was renamed Renewable Energy Project Grants and Financing. Prior to this the program was called the Grid Supply Program. Grid Supply projects will be paid out of Clean Energy Program funds in a New Jersey Economic Development Authority (EDA) account.

Two projects submitted under the Grid Supply Program were awarded funding. The Jersey Atlantic Wind Farm project is completed and generating energy. The Burlington County Landfill Gas to Energy Project is still under development. Each is described below.

Of the four project proposals submitted under the REAP program, the AC Landfill Unit I project received a \$513,225 grant in 2005. The Ocean and Warren County projects were approved by the Board in November 2006 and the Rahway Valley Sewerage Authority (RVSA) project will be presented to the Board for approval during the first quarter 2007. The AC Landfill project submitted a proposal for a second unit, but the request came in after the REAP solicitation had been closed. Due to the consistency with which applicants were submitting project proposals that were cost effective without NJCEP subsidy, staff withdrew the solicitation from the website and directed the Renewable Energy Market Assessment subcontractor to review the program design. The AC Landfill request for additional subsidy will be reviewed after the Market Assessment is released in the second to third quarter 2007.

In response to the impressive economics presented by each of the three latest proposals submitted in the REAP program, the Office of Clean Energy asked the applicants for additional financial data. OCE with the Board's Office of the Economist reviewed the rate of return and payback periods for each proposal to ensure these projects fell in line with Board directives. After the internal reviews were completed, OCE met with the project developers to finalize award amounts. The Ocean and Warren County projects were presented to the Board for approval during the November 9, 2006 Agenda meeting. The RVSA's proposal for a 1.515 MW biogas facility will be presented to the Board during the first quarter of 2007.

On July 6, 2005, the Rahway Valley Sewerage Authority (RSVA) proposed a combination Cogeneration and Sludge Drying Facility utilizing digester gas fuel. RVSA originally requested a 20% grant of \$1,360,000. RVSA revised their grant request to \$847,554 because of reduced project costs. The revised request is under review.



WC Landfill Energy, LLC submitted a landfill gas to energy project proposal on April 19, 2005. The applicant requested a \$1,533,759 grant (20% of capital cost). This project received conditional NJDEP permit approval on December 16, 2005 and the EDA sent a favorable recommendation on January 17, 2006. The Board approved a grant award of \$1.2 million at its November 9, 2006 agenda meeting. This project has been installed and awaits a project funding agreement from the EDA.

Ocean Energy Corporation, Inc. (OECI) proposed a 9.6 MW landfill gas to energy project to be located at the Ocean County Landfill Facility on December 12, 2003. The Board approved a grant award of \$1.75 million at the November 9, 2006 agenda meeting.

Under the Grid Supply Program, five proposals were submitted in June of 2002 in response to the Board's solicitation for projects to supply the PJM Power Pool. Two projects have been completed, two were terminated for lack of progress at the applicants' request, and one is still under development.

The Community Energy 7.5 MW Jersey Atlantic Wind (JAW) Project located on the site of the Atlantic County Utility Authority's sewerage treatment plant was completed in December 2005. The project is estimated produce 15 million kilowatt-hours of emission-free electricity per year. From the project's operational date of December 31, 2005, three production-based payments were paid under the Grid Supply portion of the project totaling \$173,759. The 5 turbine, 7.5 MW project is the first wind farm in New Jersey and the largest coastal wind farm in the United States. The project is easily visible from downtown Atlantic City and the Atlantic City Expressway providing visitors a remarkable example of New Jersey's commitment to clean energy.

The Burlington County 4 MW landfill gas to energy project has prepared and submitted additional engineering estimates identifying significant potential to expand the project to 6.15 MW. In December 2005, the Board reassigned the project from PSEG Energy Technologies to the County of Burlington. The project grant agreement has been developed and Clean Energy fund payments will be made by the EDA upon presentation of itemized expenses. The grant agreement was finalized and signed by Burlington County and the Board in March 2006. This project is scheduled to be completed in 2007.

### **Renewable Energy Business Venture Assistance Program**

*(formerly known as the Renewable Energy Economic Development program and the Market Infrastructure Development Program)*

On October 21, 2005, the OCE released a new solicitation under the Renewable Energy Business Venture Assistance Program. The revised program had both a grant component for demonstration projects and a recoverable grant component for products and services close to commercialization. The Office of Clean Energy announced approximately \$5.0 million available for this solicitation split evenly between the two types of funding. On December 1, 2005, the OCE held a pre-proposal informational meeting in Newark. Demonstration grant project proposals were due by December 30, 2005. With the solicitation release and announcement on the NJCEP website, the Office of Clean Energy communicated the intent to accept recoverable

grant proposals through out 2006. Applicants were encouraged to use these funds with other EDA business assistance programs.

By December 31, 2005, the Office of Clean Energy had received 15 project proposals. Thirteen applicants requested grants, one requested a recoverable grant and another requested both types of funding. Two additional proposals for recoverable grants were received in the first quarter of 2006 and a third was received in the second quarter.

Upon receipt, staff conducted a review of the grant proposals for their adequacy in meeting minimum program requirements. As a result of this review, eight applications were found to be deficient with six funding denial letters being sent to applicants in the first quarter of 2006 and two additional funding denial letters sent in the second quarter. The applications that were found to meet the solicitation's minimum requirements were delivered to an external, technical evaluation team in the second quarter. The proposal evaluation team headed by the NJDEP includes the NJ Commission on Science and Technology and the NJEDA. The USDOE Mid-Atlantic Office was not able to participate as a team member for this round of reviews due to the office closing in June 2006. The USDOE's National Technology Energy Laboratory was able to take the place of the Mid-Atlantic field office. The Oak Ridge National Laboratory, as part of their Technical Assistance Program, agreed to serve on the Technical Evaluation team. All team members were sent the proposal evaluation packages on June 27, 2006 with a requested due date for project review by August 1, 2006. The OCE received all the proposal evaluations by August 15, 2006. The OCE has reviewed the applications and the recommendations of the technical review team and shared this information with the new Renewable Energy Market Managers. The Office of Clean Energy expects the Board to make final award decisions in the first quarter of 2007.

A portion of the budget for the Renewable Energy Business Venture Assistance Program was used in 2005 as a direct loan to PJM Environmental Information Services, Inc. (PJM EIS), to finance the capital costs for the Generation Attributes Tracking System (GATS). The total loan amount was \$2,222,000 which includes \$1,600,000 for software development, hardware and related start-up costs; \$600,000 for an operating reserve fund to provide working capital for PJM EIS, and \$22,000 to pay EDA fees. PJM EIS was expected to begin paying the loan back with interest in October 2006. The GATS system went on line in September 2005.

In 2003, just under \$2,700,000 in grants were awarded or committed to ten renewable energy businesses as part of the OCE's Market Infrastructure Development Program, predecessor to the REED (Renewable Energy and Economic Development) Program. The grants were awarded to promote renewable energy business development in the State. The final project was completed in October 2006 with two other projects completed earlier in 2006.

For the 2004 REED solicitation, \$6.35 million in recoverable grant funds were available. The awarded applicants will be required to repay the funds when their business ventures start generating revenue. Nine proposals were submitted requesting a total of \$3.14 million. Two projects met initial program requirements and were sent to EDA for financial review while the remaining seven proposals were rejected for not meeting the program requirements. OCE

received favorable EDA recommendations for the two projects in October 2005. In February 2006, the Board approved a total of \$763,429 in recoverable grant awards. The EDA has prepared the funding agreements which are under review. Princeton Power Systems (PPS) signed their agreement for \$263,429 in recoverable grant funding in September 2006. A funding agreement with Reaction Sciences is currently under review.

**EDA Financing Programs**

In 2003, the Board approved three new financing programs to be managed by the NJ Economic Development Authority: Schools and Local Government Financing, Business Financing, and the Renewable Energy Advanced Power Program (REAP) which is discussed above. The Clean Energy Financing Program for Businesses and for Schools and Local Government programs were discontinued in the first quarter of 2006 due to lack of activity.

To fund the EDA finance programs, the utilities forwarded to the EDA \$19,909,434.50 in 2003 and 2004. At the end of the fourth quarter 2006, there was \$16,544,095 remaining in the account. During 2006 the funds earned \$880,947.46 in interest and the OCE paid the EDA \$99,600 in fees. In the first quarter of 2006, the BPU met with the EDA to discuss revisions to the 2003 MOU to better reflect the current relationship between the agencies.

**3. Financial and Energy Savings/Generation Results**

<b>OCE RENEWABLE PROGRAMS</b>		
2006 Program Budget :		
\$150,729,000		
2006 YTD Actual Expenditures :		
\$83,872,682		
Actual "Participants"	Annual Energy Generation	
<u>9,872</u>	<u>MWh</u>	<u>kW</u>
	44,659	18,725

<b>EDA RENEWABLE PROGRAMS</b>		
2006 Program Budget :		
\$19,833,000		
2006 YTD Actual Expenditures :		
\$406,000		
Actual "Participants"	Annual Energy Generation	
<u>4</u>	<u>MWh</u>	<u>kW</u>
	24,210	9,100

## M. Education and Outreach Activities

### 1. Program Highlights

#### Web Site

- In total, web site visits are up 35% versus a year ago, driven primarily by an increase to NJCleanEnergy.com and njcep.com.

	4Q 2005	4Q 2006	% Increase
<b>Combined Site Visits</b>	<b>168k</b>	<b>260k</b>	<b>55%</b>
njcleanenergy.com	67k	86k	28%
njcep.com	50k	120k	140%
njsmartstarbuildings.com	29k	34k	17%
njenergystarhomes.com	10k	12k	20%
njcleanpower.com	12k	8k	-33%

- Web visits continue to move forward for New Jersey's Clean Energy Program and a new high level of visitors was set again. There were 260,000 visitors in 4Q 2006, a 2% increase versus the previous quarter and a strong 55% increase vs. 4Q 2005.

	1Q 2006	2Q 2006	3Q 2006	4Q 2006	% Increase from 3Q to 4Q 2006
All NJCEP Web Sites	175,010	199,170	254,739	260,000	2%

- Web site work this quarter included
  - New *About NJCEP* section
  - Redesigned *Library* section with new content including CEC and Committee meetings notes
  - Development of web integration proposals and plans to unify the site, improve navigation, enhance marketing ability, and development of a content management solution that will allow OCE and Marker Managers to efficiently publish/change information on the web site
  - Updates to Wind Working Group pages

- Solar Transition pages and posting including White Paper Series and New Jersey Solar Financing page
- 3Q Solar update of CORE Charts; Solar Ticker; and Solar Map Updates
- Weekly web status calls

### **NJCEP Winter Newsletter**

The NJCEP winter newsletter was completed and emailed to all NJCEP mailing lists with the electronic version being added to the new library pages

### **2007 New Jersey Clean Energy Conference**

Initial planning commenced for the 2007 Conference and included scheduling, agenda, and themes discussions. In addition, there have been discussions about running the conference for two days due to the success of the conference to date. Day 1 would offer a track for municipalities and Day 2 would continue with the current conference format.

### **2006 Clean Energy Leadership Awards**

The advertising campaign promoting the winners and NJCEP was developed and launched with the winner's "compilation ad" in November.

- Ads will run in Sunday newspapers, local weekly newspapers, business magazines, and consumer magazines from January through June 2007
- ACUA, BASF, Monmouth University are the initial individual ads that will run in 1Q 2007

Meetings and presentations of awards were held with BASF, Monmouth University, Sandy Alexander, and PowerLight. Future partnership efforts were also discussed.

- ACUA and Highland Park meetings will be held in 1Q 2007

### **Solar Transition**

**A New Jersey Solar Roundtable Discussion: Transition Toward a Market-based System** was held at Monmouth University on November 13 in conjunction with the dedication of a new solar facility at Monmouth: a 455.5 kW roof-mounted solar system on four of Monmouth University's buildings. Over 60 leading solar market participants and community representatives attended.

### **Energy Efficiency**

The Winter Energy Savings campaign was launched in 4Q 2006. The advertising takes a "whole house" approach in order to build awareness and adoption of energy efficiency as a "lifestyle." This will allow for a longer-term effort that will highlight specific retail promotions or messages rather than focusing solely on specific offers or promotions.

The campaign works to build awareness that NJ's Clean Energy Program can assist with everything from major renovations or remodeling, to individual product purchases via incentives, to online energy audits.

Ads include a highlighted "Power Tip" which the tracking study indicated had strong awareness. The print and radio ads tout Home Performance with ENERGY STAR®, our newest offering, and the online home energy audit. This showcases both levels of audit programs ('fee' and 'free') available from NJCEP.

The ads use different families in order to represent the diversity of New Jersey. One ad has been translated and will run in Spanish-language publications.

The ads appear in the following media channels:

- Newspaper (November 19 through January 31)
- Magazine (December through March)
- Radio :60 and :10 sponsorships (November 26 through January 15)
- Online banner ads (December through January)

In addition, banner ads appear on the NJCleanEnergy.com home page and a dedicated Power Tips web page was created in the Residential section of NJCleanEnergy.com.

Overall, visits to the advertised web site have increased significantly during the advertising period.

	<u>4Q 2005</u>	<u>4Q 2006</u>	<u>% Increase</u>
njcleanenergy.com	67k	86k	28%

In addition, approx 73% of visitors came directly to the site (not via a search engine or link) which means the URL is entered directly into a browser or a bookmark or customers are entering directly from the advertising.

However, slight – but not significant – declines in December may be indicative of the warm weather and lower energy usage during the energy efficiency advertising period.

	NJCleanEnergy	Residential
Oct 06	1,276	3,047
Nov 06	1,260	2,918
Dec 06	1,014	2,643

### **NJCEP Collateral Plan**

A plan for the development of NJCEP collateral was approved and creative development initiated. Initial collateral materials are expected to be completed in 1Q 2007.

### **2007 NJCEP Communications Plan and Budget**

The 2007 Marketing and Communications plan and budget was developed with input and approval from the CEC Outreach and Education Committee. The plan and budget was approved by the Board for 2007.

### **Additional Marketing Support**

- Developed preliminary guidelines and processes for work with the Market Managers
- NJCEP Solar Certificates were developed for Monmouth University and Pennsauken

- Materials were prepared for, and the booth staffed at, the New Jersey League of Municipalities annual 2-day event in Atlantic City.
- Attended and reported on CEC Outreach and Education Committee meetings
- Press releases were issued for the Solar Market Roundtable and Change-A-Light pledge.

# **Appendix 1**

## **Notes and Definitions**



## **New Jersey's Clean Energy Program Notes and Definitions**

***Administration Expenditures*** are direct utility labor, plus overheads, except for the 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.

***Annual Savings*** means the yearly (12 months) savings that will result from a measure installed or committed to during the program year.

***Committed Expenditures*** are those expenditures related to contractual commitments made since inception of the program that remain outstanding. It is expected that these expenditures will be shown as "actual" or "installed" in 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.

***Committed Participants*** represents the number of participants that will result from an outstanding contractual commitment for program participation made since program inception, but scheduled for installation in future reporting periods.

***Committed Savings*** represents the savings that will accrue from outstanding contractual commitments for program participation made since program inception, but scheduled for installation in future reporting periods.

***Commitment*** - A commitment exists where the associated customer has received a letter of commitment or other signed agreement from a utility or OCE, and the project is slated for completion within two years. Once completed and paid, a committed project should be shifted from "Committed" to "Installed". Committed figures should also be adjusted to reflect any commitments that are cancelled.

***Cumulative Lifetime Savings*** means the savings that will accrue during the expected life of all measures installed or committed to during the current and all previous program years.

***DEP Emissions Reduction Factors*** for electric programs are as follows:

- CO<sub>2</sub> (Carbon Dioxide) emissions are reduced by 1,520 lbs. per MWh saved
- NO<sub>x</sub> (Nitric Oxide) emission reductions are 2.8 lbs. per MWh saved
- SO<sub>2</sub> (Sulfur Dioxide) emission reductions are 6.5 lbs. per MWh saved
- Hg (Mercury) emission reductions are 0.0000356 lbs. per MWh saved

***Grants, Incentives, and Arrears Reduction Expenditures*** include customer rebates and grants, arrears forgiveness and demonstration projects.

***Implementation Contractor Expenditures*** include the cost of contracted services for delivery and tracking of services and incentives including installation, materials, application processing and inspections.

***kW*** - On energy savings tracking worksheets and reports, kW = Summer Peak kW. In accordance with applicable electric protocols, Summer Peak kW = load reductions from programs coincident with PJM Summer Peak.

***Lifetime Savings*** means the savings to be accrued over the expected life of a measure installed or committed to during the program year.

***Market Research, Evaluation and Program Development Expenditures*** include internal and external costs related to market research and evaluation, including the collection and input of information, technical support, collaborative input, process support, and outside studies.

***Marketing and Promotions Expenditures*** include advertising, promotions, third-party or internal marketing, advertising agency costs, 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, websites, direct mail materials, etc.

***Sales Expenditures*** include internal or external workforce and expenses related to enrollment of program participants and working with trade allies. This includes activities that close leads and involve direct interaction with customers, either in person or over the telephone. Sales also includes inbound and outbound telemarketing and call center activities.

***Training Expenditures*** include all internal and external costs related to training including the planning and execution of the training event, seminar materials, food, travel expenses, etc., school program costs and non-promotional education activities.

***Units of Measure for Participant Tracking:***

Residential HVAC - Electric	= Number of central air conditioners and heat pumps rebated
Residential HVAC – Gas	= Number of ENERGY STAR® qualified furnaces and boilers rebated
Residential New Construction (RNC; formerly, NJ ENERGY STAR Homes)	= "Installed" = Number of homes completed per RNC core efficiency standards; "Commitments" = Number of homes enrolled with commitments to build to RNC core efficiency standards
Energy Star Products	
- Room Air Conditioning	= Number of window AC units rebated
- Lighting and Other	= Lighting; CFLs and Fixtures sold or distributed, Clothes Washer Rebates, and Thermostat Rebates
Residential Low Income	
- Comfort Partners	= Number of homes completed
Commercial/Industrial Construction	
- C&I New Construction	= "Installed" = Number of projects completed;
- C&I Retrofit	= "Commitments" = Number of applications completed
- Schools New & Retrofit	= and approved
Tree Planting	= Number of trees planted
Customer On-site Renewable Energy Program	= "Installed" = Number of projects completed; "Commitments" = Number of applications completed and approved

## **Appendix 2**

### **Reporting Data Worksheets Year-to-Date through Second Quarter 2006**

**New Jersey's Clean Energy Program**  
**Data Forming Basis of Report to the New Jersey Board of Public Utilities**  
**Reporting Period: YTD - 4th Quarter 2006**  
**Contents**

No.	Report Worksheets
1	R-Expenses v. Budget
2	R-Expenses by Category
3	R-Participants
4	R-Annual Electric Savings
5	R-Annual Electric Generation
6	R-Lifetime Electric Savings
7	R-Lifetime Electric Generation
8	R-Cumulative Electric Savings
9	R-Cumulative Electric Generation
10	R-Annual Gas Savings
11	R-Lifetime Gas Savings
12	R-Cumulative Gas Savings
13	R-Annual Emissions Reductions
14	R-Lifetime Emissions Reductions
15	R-Cumulative Emissions Reductions

**New Jersey's Clean Energy Program**  
**Data Forming Basis of Report to the New Jersey Board of Public Utilities**  
**Reporting Period: YTD - 4th Quarter 2006**  
**Notes**

- 1 *For programs that are new for the reporting year or reporting period, any cumulative lifetime savings reported are equal to the savings realized in the reporting year or reporting period. If no cumulative lifetime savings are reported, either the program results in no calculable energy savings, or protocols to calculate them have not yet been developed, or the savings are included in related categories from prior years.*
- 2 *Units of measure for participation reporting are defined in Appendix 1, Notes and Definitions.*
- 3 *For Residential New Construction and Utility Comfort Partners actual participation figures represent results reported by electric utilities only.*
- 4 *Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the NJBPU's Office of Clean Energy in conjunction with the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*

**New Jersey's Clean Energy Program Actual and Committed Expenses for Reporting Year 2006**

**Statewide Total**  
**All Programs and Administration**  
**Reporting Period: YTD - 4th Quarter 2006**  
 (All numbers = 000's)

Program	NJBPU Approved Budget (a)	Actual Expenditures (b)	Committed Expenditures (c)	Actual and Committed Expenditures (d) = (b)+(c)	Actual Expenditures as % of Authorized (e) = (b)/(a)	Actual and Committed Expenditures as % of Authorized (f) = (d)/(a)
Energy Efficiency Programs	\$128,645	\$79,642	\$60,233	\$139,875	61.91%	108.73%
Renewable Energy Programs	\$170,562	\$84,279	\$103,901	\$188,179	49.41%	110.33%
OCE Program Oversight	\$9,907	\$7,276	\$0	\$7,276	73.44%	73.44%
<b>TOTAL</b>	<b>\$309,114</b>	<b>\$171,197</b>	<b>\$164,134</b>	<b>\$335,330</b>	<b>55.38%</b>	<b>108.48%</b>

*While the percentages shown in Column (f) are derived by comparing the sum of the actual and committed expenditures reported in Columns (b) and (c), respectively, with the NJBPU budget approved for 2006 and shown in Column (a), it is expected that some of those committed expenses ultimately will be paid from future program budgets.*

New Jersey's Clean Energy Program Actual and Committed Expenses for Reporting Year 2006

Statewide Summary - Energy Efficiency

Reporting Period: YTD - 4th Quarter 2006

(All numbers = 000's)

Program	NJBPU Approved Budget (a)	Actual Expenditures (b)	Committed Expenditures (c)	Actual and Committed Expenditures (d) = (b)+(c)	Actual Expenditures as % of Authorized (e) = (b)/(a)	Actual and Committed Expenditures as % of Authorized (f) = (d)/(a)
<b>RESIDENTIAL PROGRAMS</b>						
Residential HVAC-Electric and Gas	\$16,705	\$14,849		\$14,849	88.89%	88.89%
Residential New Construction	\$27,720	\$19,728	\$42,932	\$62,660	71.17%	226.05%
ENERGY STAR Products	\$7,714	\$3,366		\$3,366	43.63%	43.63%
Maintainance	\$1,054	\$606		\$606	57.50%	57.50%
Room AC	\$875	\$481		\$481	54.92%	54.92%
Change a Light & Other	\$1,320	-\$68		-\$68	-5.15%	-5.15%
On Line Audit	\$870	\$395		\$395	45.40%	45.40%
Home Performance with ENERGY STAR	\$3,595	\$1,952		\$1,952	54.30%	54.30%
Residential Low Income	\$25,255	\$18,209		\$18,209	72.10%	72.10%
Utility Comfort Partners	\$21,330	\$16,557		\$16,557	77.62%	77.62%
WRAP	\$200	\$0		\$0	0.00%	0.00%
DCA Low-Income	\$3,725	\$1,652		\$1,652	44.35%	44.35%
DCA Green Homes	\$1,600	\$0		\$0	0.00%	0.00%
Energy Conservation Kits	\$607	\$371		\$371	61.15%	61.15%
<b>Sub-Total: Residential Programs</b>	<b>\$79,601</b>	<b>\$56,524</b>	<b>\$42,932</b>	<b>\$99,456</b>	<b>71.01%</b>	<b>124.94%</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>						
Commercial/Industrial Construction	\$39,544	\$21,943	\$15,183	\$37,126	55.49%	93.89%
C&I New Construction	\$3,811	\$1,422	\$1,463	\$2,885	37.32%	75.71%
C&I Retrofit	\$25,180	\$16,973	\$8,178	\$25,151	67.41%	99.88%
New School Construction & Retrofit	\$3,872	\$1,672	\$1,113	\$2,786	43.19%	71.94%
Combined Heat and Power	\$6,681	\$1,875	\$4,429	\$6,304	28.07%	94.36%
<b>Sub-Total: C&amp;I Programs</b>	<b>\$39,544</b>	<b>\$21,943</b>	<b>\$15,183</b>	<b>\$37,126</b>	<b>55.49%</b>	<b>93.89%</b>
<b>OTHER PROGRAMS</b>						
Special Studies	\$1,000	\$52		\$52	5.20%	5.20%
NJDEP Cool Cities	\$4,000	\$1,123	\$2,118	\$3,241	28.08%	81.03%
Treasury HVAC	\$4,500	\$0		\$0	0.00%	0.00%
<b>Sub-Total: Other Programs</b>	<b>\$9,500</b>	<b>\$1,175</b>	<b>\$2,118</b>	<b>\$3,293</b>	<b>12.37%</b>	<b>34.66%</b>
<b>TOTAL Energy Efficiency Programs</b>	<b>\$128,645</b>	<b>\$79,642</b>	<b>\$60,233</b>	<b>\$139,875</b>	<b>61.91%</b>	<b>108.73%</b>

While the percentages shown in Column (f) are derived by comparing the sum of the actual and committed expenditures reported in Columns (b) and (c), respectively, with the NJBPU budget approved for 2006 and shown in Column (a), it is expected that some of those committed expenses ultimately will be paid from future program budgets.



**New Jersey's Clean Energy Program Actual and Committed Expenses for Reporting Year 2006**

**Statewide Summary - Renewable Energy**

**Reporting Period: YTD - 4th Quarter 2006**  
(All numbers = 000's)

<b>Program</b>	<b>NJBPU Approved Budget (a)</b>	<b>Actual Expenditures (b)</b>	<b>Committed Expenditures (c)</b>	<b>Actual and Committed Expenditures (d) = (b)+(c)</b>	<b>Actual Expenditures as % of Authorized (e) = (b)/(a)</b>	<b>Actual and Committed Expenditures as % of Authorized (f) = (d)/(a)</b>
<b>OCE RENEWABLE PROGRAMS</b>						
Customer On-Site Renewable Energy (CORE) CleanPower Choice	\$148,796 \$1,933	\$82,723 \$1,150	\$95,233 \$0	\$177,955 \$1,150	55.59% 59.49%	119.60% 59.49%
<b>Sub-Total: OCE Renewable Programs</b>	<b>\$150,729</b>	<b>\$83,873</b>	<b>\$95,233</b>	<b>\$179,105</b>	<b>55.64%</b>	<b>118.83%</b>
<b>EDA RENEWABLE PROGRAMS</b>						
Manufacturing Incentive	\$30	\$6	\$0	\$6	0.00%	0.00%
Public Entity Financing (RE)	\$6	\$6	\$0	\$6	0.00%	0.00%
Clean Energy Financing for Businesses	\$15	\$29	\$0	\$29	193.33%	193.33%
RE Project Grants and Financing (Incl. NJBPU Grid)	\$11,782	\$203	\$7,956	\$8,159	1.72%	69.25%
Renewable Energy Business Venture Financing/REED	\$8,000	\$162	\$712	\$874	2.03%	10.93%
<b>Sub-Total: EDA Renewable Programs</b>	<b>\$19,833</b>	<b>\$406</b>	<b>\$8,668</b>	<b>\$9,074</b>	<b>2.05%</b>	<b>45.75%</b>
<b>TOTAL Renewable Energy Programs</b>	<b>\$170,562</b>	<b>\$84,279</b>	<b>\$103,901</b>	<b>\$188,179</b>	<b>49.41%</b>	<b>110.33%</b>

*While the percentages shown in Column (f) are derived by comparing the sum of the actual and committed expenditures reported in Columns (b) and (c), respectively, with the NJBPU budget approved for 2006 and shown in Column (a), it is expected that some of those committed expenses ultimately will be paid from future program budgets.*

New Jersey's Clean Energy Program Actual and Committed Expenses for Reporting Year 2006

Statewide Summary - OCE Program Oversight

Reporting Period: YTD - 4th Quarter 2006  
(All numbers = 000's)

Program	NJBPU Approved Budget (a)	Actual Expenditures (b)	Committed Expenditures (c)	Actual and Committed Expenditures (d) = (b)+(c)	Actual Expenditures as % of Authorized (e) = (b)/(a)	Actual and Committed Expenditures as % of Authorized (f) = (d)/(a)
Adminstration and Overhead Expenses	\$2,835	\$1,580	\$0	\$1,580	55.73%	55.73%
Evaluation and Related Research Expenses	\$1,905	\$1,292	\$0	\$1,292	67.82%	67.82%
Outreach and Education Expenses	\$5,167	\$4,404	\$0	\$4,404	85.23%	85.23%
<b>Total OCE Program Administration Expenses</b>	<b>\$9,907</b>	<b>\$7,276</b>	<b>\$0</b>	<b>\$7,276</b>	<b>73.44%</b>	<b>73.44%</b>

Detailed Expense Data for Reporting Year 2006 - Statewide Total  
All Programs and Administration

Reporting Period: YTD - 4th Quarter 2006

	Total Actual NJCEP Expenditures	Admin (Payroll, Overheads, facilities, legal, etc.)	Sales (Int or Contr)	Marketing & Promotions	Training	Market Research, Evaluation & Program Development	Grants, Incentives, Arrears Reduction	Implement. Contractors	Performance Incentive
Energy Efficiency Programs	\$79,642	\$3,709	\$1,269	\$1,922	\$282	\$31	\$43,353	\$29,076	\$0
Renewable Energy Programs	\$84,279	\$132	\$0	\$189	\$0	\$15	\$81,796	\$2,147	\$0
OCE Program Oversight	\$7,276	\$1,580	\$0	\$4,404	\$0	\$1,292	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$171,197</b>	<b>\$5,421</b>	<b>\$1,269</b>	<b>\$6,515</b>	<b>\$282</b>	<b>\$1,338</b>	<b>\$125,149</b>	<b>\$31,223</b>	<b>\$0</b>
							<b>Direct Payments</b>		
							<b>\$156,372</b>		
	100.00%	3.17%	0.74%	3.81%	0.16%	0.78%	73.10%	18.24%	0.00%
							91.34%		

Detailed Expense Data for Reporting Year 2006 - Statewide Total  
Energy Efficiency Programs

Reporting Period: YTD - 4th Quarter 2006

	Total Actual NJCEP Expenditures	Admin (Payroll, Overheads, facilities, legal, etc.)	Sales (Int or Contr)	Marketing & Promotions	Training	Market Research, Evaluation & Program Development	Direct Payments			
							Grants, Incentives, Arrears Reduction	Implemen. Contractors	Performance Incentive	
<b>RESIDENTIAL PROGRAMS</b>										
Residential HVAC-Electric and Gas	\$14,849	\$686	\$213	\$596	\$204	\$16	\$11,780	\$1,354	\$0	
Residential New Construction	\$19,728	\$549	\$440	\$109	\$0	\$7	\$12,560	\$6,063	\$0	
ENERGY STAR Products	\$3,366	\$565	\$130	\$794	\$0	\$0	-\$69	\$1,946	\$0	
Maintenance	\$606	\$312	\$127	\$38	\$0	\$0	\$0	\$128	\$0	
Room AC	\$481	\$125	\$0	\$22	\$0	\$0	\$191	\$143	\$0	
Change a Light & Other	-\$68	\$99	\$1	\$3	\$0	\$0	-\$261	\$89	\$0	
On Line Audit	\$395	\$15	\$0	\$34	\$0	\$0	\$0	\$346	\$0	
Home Performance with ENERGY STAR	\$1,952	\$14	\$1	\$697	\$0	\$0	\$1	\$1,239	\$0	
Residential Low Income	\$18,209	\$681	\$51	\$44	\$17	\$0	\$14	\$17,342	\$0	
Utility Comfort Partners	\$16,557	\$516	\$51	\$44	\$77	\$0	\$14	\$15,915	\$0	
WRAP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
DCA Low-Income	\$1,652	\$165	\$0	\$0	\$60	\$0	\$0	\$1,427	\$0	
DCA Green Homes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Energy Conservation Kits	\$371	\$25	\$0	\$116	\$0	\$0	\$50	\$181	\$0	
<b>Sub-Total: Residential Programs</b>	<b>\$56,524</b>	<b>\$2,506</b>	<b>\$834</b>	<b>\$1,659</b>	<b>\$282</b>	<b>\$23</b>	<b>\$24,335</b>	<b>\$26,885</b>	<b>\$0</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>										
Commercial/Industrial Construction	\$21,943	\$1,041	\$435	\$264	\$0	\$8	\$18,966	\$1,230	\$0	
C&I New Construction	\$1,422	\$91	\$35	\$10	\$0	\$1	\$1,078	\$206	\$0	
C&I Retrofit	\$16,973	\$828	\$323	\$233	\$0	\$7	\$14,683	\$899	\$0	
New School Construction & Retrofit	\$1,672	\$116	\$72	\$20	\$0	\$0	\$1,340	\$125	\$0	
Combined Heat and Power	\$1,875	\$6	\$5	\$0	\$0	\$0	\$1,865	\$0	\$0	
<b>Sub-Total: C&amp;I Programs</b>	<b>\$21,943</b>	<b>\$1,041</b>	<b>\$435</b>	<b>\$264</b>	<b>\$0</b>	<b>\$8</b>	<b>\$18,966</b>	<b>\$1,230</b>	<b>\$0</b>	
<b>OTHER PROGRAMS</b>										
Special Studies	\$52	\$0	\$0	\$0	\$0	\$0	\$52	\$0	\$0	
NJDEP Cool Cities	\$1,123	\$162	\$0	\$0	\$0	\$0	\$0	\$961	\$0	
Treasury HVAC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>Sub-Total: Other Programs</b>	<b>\$1,175</b>	<b>\$162</b>	<b>\$0</b>	<b>\$1,922</b>	<b>\$0</b>	<b>\$0</b>	<b>\$52</b>	<b>\$961</b>	<b>\$0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>\$79,642</b>	<b>\$3,709</b>	<b>\$1,269</b>	<b>\$1,922</b>	<b>\$282</b>	<b>\$31</b>	<b>\$43,353</b>	<b>\$29,076</b>	<b>\$0</b>	
							<b>Direct Payments</b>			
							<b>\$72,429</b>			

100.00%	4.66%	1.59%	2.41%	0.35%	0.04%	54.44%	36.51%	0.00%
						90.94%		



Detailed Expense Data for Reporting Year 2006 - Statewide Total  
Renewable Energy Programs

Reporting Period: YTD - 4th Quarter 2006

	Total Actual NJCEP Expenditures	Admin (Payroll, Overheads, facilities, legal, etc.)	Sales (Int or Contr)	Marketing & Promotions	Training	Market Research, Evaluation & Program Development	Direct Payments			
							Grants, Incentives, Arrears Reduction	Implemen. Contractors	Performance Incentive	
<b>OCE RENEWABLE PROGRAMS</b>										
Customer On-Site Renewable Energy (CORE)	\$82,723	\$1	\$0	\$58	\$0	\$0	\$81,489	\$1,175	\$0	\$0
CleanPower Choice	\$1,150	\$32	\$0	\$131	\$0	\$15	\$0	\$972	\$0	\$0
<b>Sub-Total: OCE Renewable Programs</b>	<b>\$83,873</b>	<b>\$33</b>	<b>\$0</b>	<b>\$189</b>	<b>\$0</b>	<b>\$15</b>	<b>\$81,489</b>	<b>\$2,147</b>	<b>\$0</b>	<b>\$0</b>
<b>EDA RENEWABLE PROGRAMS</b>										
Manufacturing Incentive	\$6	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Public Entity Financing (RE)	\$6	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Clean Energy Financing for Businesses	\$29	\$29	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
RE Project Grants and Financing (Incl. NJBPU Grid)	\$203	\$29	\$0	\$0	\$0	\$0	\$174	\$0	\$0	\$0
Renewable Energy Business Venture Financing/REED	\$162	\$29	\$0	\$0	\$0	\$0	\$133	\$0	\$0	\$0
<b>Sub-Total: EDA Renewable Programs</b>	<b>\$406</b>	<b>\$99</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$307</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL Renewable Energy Programs</b>	<b>\$84,279</b>	<b>\$132</b>	<b>\$0</b>	<b>\$189</b>	<b>\$0</b>	<b>\$15</b>	<b>\$81,796</b>	<b>\$2,147</b>	<b>\$0</b>	<b>\$0</b>
							<b>Direct Payments</b>			
							<b>\$83,943</b>			
<b>Percent of Total</b>	<b>100.00%</b>	<b>0.16%</b>	<b>0.00%</b>	<b>0.22%</b>	<b>0.00%</b>	<b>0.02%</b>	<b>97.05%</b>	<b>2.55%</b>	<b>0.00%</b>	<b>0.00%</b>
							<b>99.60%</b>			

Detailed Expense Data for Reporting Year 2006 - Statewide Total  
 NJBPU OCE Program Oversight

Reporting Period: YTD - 4th Quarter 2006

	Total Actual NJCEP Expenditures	Admin (Payroll, Overheads, facilities, legal, etc.)	Sales (Int or Contr)	Marketing & Promotions	Training	Market Research, Evaluation & Program Development	Direct Payments		
							Grants, Incentives, Arrears Reduction	Implemen. Contractors	Performance Incentive
TOTAL All Programs	\$7,276	\$1,580	\$0	\$4,404	\$0	\$1,292	\$0	\$0	\$0
							Direct Payments		
							\$0	\$0	\$0
<b>Percent of Total</b>	100.00%	21.72%	0.00%	60.53%	0.00%	17.76%	0.00%	0.00%	0.00%
							Direct Payments		
							\$0	\$0	\$0

**Participants for Reporting Year 2006 - Statewide Total  
Energy Efficiency Programs**

Reporting Period: YTD - 4th Quarter 2006 (All numbers = 000's)	Participants		
	Actual YTD	YTD	Outstanding Program Inception to Date
<b>RESIDENTIAL PROGRAMS</b>			
Residential HVAC-Electric and Gas	26,379		
Residential New Construction	5,509	6,808	16,964
ENERGY STAR Products	0		
Maintenance	9,607		
Room AC	0		
Change a Light & Other	19,979		
On Line Audit	3		
Home Performance with ENERGY STAR			
Residential Low Income	7,190		
Utility Comfort Partners	0		
Weatherization, Rehabilitation & Asset Preservation (WRAP)	1,362		
DCA Low-Income	0		
DCA Green Homes	10,859		
Energy Conservation Kits			
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>			
Commercial/Industrial Construction			
C&I New Construction	187	150	187
C&I Retrofit	1,798	936	933
New School Construction & Retrofit	109	64	102
Combined Heat and Power	4	0	10
<b>OTHER PROGRAMS</b>			
Special Studies	0		
NJDEP Cool Cities	2,004	0	0
Treasury HVAC	0		



**Participants for Reporting Year 2006 - Statewide Total  
Renewable Energy Programs**

Program	Participants		
	Actual YTD	YTD	Outstanding Program Inception to Date
<b>Reporting Period: YTD - 4th Quarter 2006</b> (All numbers = 000's)			
<b>OCE RENEWABLE PROGRAMS</b>			
Customer On-Site Renewable Energy (CORE)	1,005	565	2,951
CleanPower Choice	8,867	0	0
<b>EDA RENEWABLE PROGRAMS</b>			
Manufacturing Incentive	0	0	0
Public Entity Financing (RE)	0	0	0
Clean Energy Financing for Businesses	0	0	0
RE Project Grants and Financing (Incl. NJBPU Grid)	0	0	6
Renewable Energy Business Venture Financing/REED	4	0	12

**Annual Electric Savings for Reporting Year 2006  
Energy Efficiency Programs**

Statewide Total	Reporting Period: YTD - 4th Quarter 2006	Annual Savings					
		Installed		Committed		Installed and Committed	
		KW	MWh	KW	MWh	KW	MWh
<b>RESIDENTIAL PROGRAMS</b>							
Residential HVAC-Electric and Gas	9,651	11,545			9,651	11,545	
Residential New Construction	13,285	5,181	54,027	19,356	67,312	24,537	
<i>ENERGY STAR Products</i>	567	544			567	544	
Maintenance	0	0			0	0	
Room AC	567	542			567	542	
Change a Light & Other	0	0			0	0	
On Line Audit	0	0			0	0	
Home Performance with ENERGY STAR	0	2			0	2	
<i>Residential Low Income</i>	1,645	10,708			1,645	10,708	
Utility Comfort Partners	1,600	10,277			1,600	10,277	
WRAP	0	0			0	0	
DCA Low-Income	46	431			46	431	
DCA Green Homes	0	0			0	0	
Energy Conservation Kits	0	0			0	0	
<b>Sub-Total: Residential Programs</b>	<b>25,148</b>	<b>27,978</b>	<b>54,027</b>	<b>19,356</b>	<b>79,175</b>	<b>47,334</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>							
<i>Commercial/Industrial Construction</i>							
C&I New Construction	26,301	98,377	10,038	45,738	36,339	144,115	
C&I Retrofit	3,861	17,351	1,823	11,603	5,684	28,954	
New School Construction & Retrofit	21,539	78,194	7,380	31,020	28,919	109,213	
	901	2,832	835	3,116	1,736	5,948	
<b>Sub-Total: C&amp;I Programs</b>	<b>26,301</b>	<b>98,377</b>	<b>10,038</b>	<b>45,738</b>	<b>36,339</b>	<b>144,115</b>	
<b>OTHER PROGRAMS</b>							
Special Studies	0	0			0	0	
NJDEP Cool Cities	0	196	0	0	0	196	
Treasury HVAC	0	0			0	0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>196</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>196</b>	
<b>TOTAL Energy Savings - Efficiency Programs</b>	<b>51,449</b>	<b>126,551</b>	<b>64,065</b>	<b>65,094</b>	<b>115,514</b>	<b>191,645</b>	

**Annual Electric Generation for Reporting Year 2006  
Combined Heat and Power**

Statewide Summary Reporting Period: YTD - 4th Quarter 2006	Annual Generation					
	Installed		Committed		Installed and Committed	
Program	KW	MWh	KW	MWh	KW	MWh
Combined Heat and Power	3,175	12,575	0	0	3,175	12,575
<b>TOTAL CHP</b>	<b>3,175</b>	<b>12,575</b>	<b>0</b>	<b>0</b>	<b>3,175</b>	<b>12,575</b>

**Annual Electric Generation for Reporting Year 2006  
Renewable Energy Programs**

Reporting Period: YTD - 4th Quarter 2006 Electric Generation	Program	Annual Generation					
		Installed		Committed		Installed and Committed	
		KW	MWh	KW	MWh	KW	MWh
<b>OCE RENEWABLE PROGRAMS</b>							
	Customer On-Site Renewable Energy (CORE)	18,725	22,470	29,430	35,316	48,155	57,786
	CleanPower Choice	0	22,189	0	0	0	22,189
	<b>Sub-Total: OCE Renewable Programs</b>	<b>18,725</b>	<b>44,659</b>	<b>29,430</b>	<b>35,316</b>	<b>48,155</b>	<b>79,975</b>
<b>EDA RENEWABLE PROGRAMS</b>							
	Manufacturing Incentive	0	0	0	0	0	0
	Public Entity Financing (RE)	0	0	0	0	0	0
	Clean Energy Financing for Businesses	0	0	0	0	0	0
	RE Project Grants and Financing (Incl. NJBPU Grid)	9,100	24,210	6,150	39,593	15,250	63,803
	Renewable Energy Business Venture Financing/REED	0	0	0	0	0	0
	<b>Sub-Total: EDA Renewable Programs</b>	<b>9,100</b>	<b>24,210</b>	<b>6,150</b>	<b>39,593</b>	<b>15,250</b>	<b>63,803</b>
	<b>TOTAL Renewable Energy Programs</b>	<b>27,825</b>	<b>68,869</b>	<b>35,580</b>	<b>74,909</b>	<b>63,405</b>	<b>143,778</b>

Lifetime Electric Savings for Reporting Year 2006  
Energy Efficiency Programs

Statewide Total	Reporting Period: YTD - 4th Quarter 2006	Lifetime Savings					
		Installed		Committed		Installed and Committed	
		KW	MWh	KW	MWh	KW	MWh
<b>RESIDENTIAL PROGRAMS</b>							
Residential HVAC-Electric and Gas	9,651	173,181			9,651	173,181	
Residential New Construction	13,285	93,829		347,822	67,312	441,651	
ENERGY STAR Products	567	5,444	54,027		567	5,444	
Maintenance	0	0			0	0	
Room AC	567	5,418			567	5,418	
Change a Light & Other	0	0			0	0	
On Line Audit	0	0			0	0	
Home Performance with ENERGY STAR	0	26			0	26	
Residential Low Income	1,645	177,208			1,645	177,208	
Utility Comfort Partners	1,600	173,833			1,600	173,833	
WRAP	0	0			0	0	
DCA Low-Income	46	3,375			46	3,375	
DCA Green Homes	0	0			0	0	
Energy Conservation Kits	0	0			0	0	
<b>Sub-Total: Residential Programs</b>	<b>25,148</b>	<b>449,662</b>	<b>54,027</b>	<b>347,822</b>	<b>79,175</b>	<b>797,484</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>							
Commercial/Industrial Construction	26,301	1,475,649	10,038	674,115	36,339	2,149,764	
C&I New Construction	3,861	260,265	1,823	173,295	5,684	433,560	
C&I Retrofit	21,539	1,172,904	7,380	454,080	28,919	1,626,984	
New School Construction & Retrofit	901	42,480	835	46,740	1,736	89,220	
<b>Sub-Total: C&amp;I Programs</b>	<b>26,301</b>	<b>1,475,649</b>	<b>10,038</b>	<b>674,115</b>	<b>36,339</b>	<b>2,149,764</b>	
<b>OTHER PROGRAMS</b>							
Special Studies	0	0			0	0	
NJDEP Cool Cities	0	10,479	0	0	0	10,479	
Treasury HVAC	0	0			0	0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>10,479</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,479</b>	
<b>TOTAL Energy Savings - Efficiency Programs</b>	<b>51,449</b>	<b>1,935,790</b>	<b>64,065</b>	<b>1,021,937</b>	<b>115,514</b>	<b>2,957,727</b>	

Lifetime Electric Generation for Reporting Year 2006  
Combined Heat and Power

Statewide Summary Reporting Period: YTD - 4th Quarter 2006	Lifetime Generation					
	Installed		Committed		Installed and Committed	
Program	KW	MWh	KW	MWh	KW	MWh
Combined Heat and Power	3175	112759	0	0	3175	112759
<b>TOTAL CHP</b>	<b>3,175</b>	<b>112,759</b>	<b>0</b>	<b>0</b>	<b>3,175</b>	<b>112,759</b>

**Lifetime Electric Generation for Reporting Year 2006  
Renewable Energy Programs**

Reporting Period: YTD - 4th Quarter 2006 Electric Generation	Lifetime Generation							
	Installed				Committed			
	Installed		Committed		Installed and Committed		Installed and Committed	
Program	KW	MWh	KW	MWh	KW	MWh	KW	MWh
<b>OCE RENEWABLE PROGRAMS</b>								
Customer On-Site Renewable Energy (CORE) CleanPower Choice	18,725 0	449,400 0	29,430 0	706,325 0	48,155 0	1,155,725 0		
<b>Sub-Total: OCE Renewable Programs</b>	<b>18,725</b>	<b>449,400</b>	<b>29,430</b>	<b>706,325</b>	<b>48,155</b>	<b>1,155,725</b>		
<b>EDA RENEWABLE PROGRAMS</b>								
Manufacturing Incentive Public Entity Financing (RE) Clean Energy Financing for Businesses RE Project Grants and Financing (Incl. NJBPU Grid) Renewable Energy Business Venture Financing/REED	0 0 0 9,100 0	0 0 0 363,150 0	0 0 0 6,150 0	0 0 0 197,965 0	0 0 0 15,250 0	0 0 0 561,115 0		
<b>Sub-Total: EDA Renewable Programs</b>	<b>9,100</b>	<b>363,150</b>	<b>6,150</b>	<b>197,965</b>	<b>15,250</b>	<b>561,115</b>		
<b>TOTAL Renewable Energy Programs</b>	<b>27,825</b>	<b>812,550</b>	<b>35,580</b>	<b>904,290</b>	<b>63,405</b>	<b>1,716,840</b>		

**Cumulative Electric Savings for Reporting Year 2006  
Energy Efficiency Programs**

Statewide Summary Reporting Period: YTD - 4th Quarter 2006	Cumulative Savings					
	Installed			Committed		
	KW	MWh	MWh	KW	MWh	MWh
<b>RESIDENTIAL PROGRAMS</b>						
Residential HVAC-Electric and Gas	72,285	1,268,842	0	72,285	0	1,268,842
Residential New Construction	61,678	470,383	54,027	115,705	1,335,780	1,806,163
<i>ENERGY STAR Products</i>	17,067	1,720,700	0	17,067	0	1,720,700
Maintenance	0	0	0	0	0	0
Room AC	5,169	42,717	0	5,169	0	42,717
Change a Light & Other	11,898	1,677,956	0	11,898	0	1,677,956
On Line Audit	0	0	0	0	0	0
Home Performance with ENERGY STAR	0	26	0	0	0	26
<i>Residential Low Income</i>	5,607	728,154	0	5,607	0	728,154
Utility Comfort Partners	5,561	724,779	0	5,561	0	724,779
WRAP	0	0	0	0	0	0
DCA Low-Income	46	3,375	0	46	0	3,375
DCA Green Homes	0	0	0	0	0	0
Energy Conservation Kits	0	0	0	0	0	0
<b>Sub-Total: Residential Programs</b>	<b>156,637</b>	<b>4,188,079</b>	<b>54,027</b>	<b>210,664</b>	<b>1,335,780</b>	<b>5,523,858</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>						
<i>Commercial/Industrial Construction</i>	177,422	12,334,541	10,038	187,460	7,832,219	20,166,760
C&I New Construction	0	1,117,494	1,823	1,823	962,412	2,079,905
C&I Retrofit	0	10,772,247	7,380	7,380	6,454,498	17,226,745
New School Construction & Retrofit	0	444,800	835	835	415,309	860,109
<b>Sub-Total: C&amp;I Programs</b>	<b>177,422</b>	<b>12,334,541</b>	<b>10,038</b>	<b>10,038</b>	<b>7,832,219</b>	<b>20,166,760</b>
<b>OTHER PROGRAMS</b>						
Special Studies	0	0	0	0	0	0
NJDEP Cool Cities	0	289,881	0	0	0	289,881
Treasury HVAC	0	0	0	0	0	0
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>289,881</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>289,881</b>
<b>TOTAL Energy Savings - Efficiency Programs</b>	<b>334,059</b>	<b>16,812,501</b>	<b>64,065</b>	<b>220,702</b>	<b>9,167,999</b>	<b>25,980,500</b>



**Cumulative Electric Generation for Reporting Year 2006  
Combined Heat and Power**

Statewide Summary Reporting Period: YTD - 4th Quarter 2006	Cumulative Generation					
	Installed		Committed		Installed and Committed	
Program	KW	MWh	KW	MWh	KW	MWh
Combined Heat and Power	3,315	124,257	0	729,628	3,175	853,884
<b>TOTAL CHP</b>	<b>3,315</b>	<b>124,257</b>	<b>0</b>	<b>729,628</b>	<b>3,175</b>	<b>853,884</b>

**Cumulative Electric Generation for Reporting Year 2006  
Renewable Energy Programs**

Reporting Period: YTD - 4th Quarter 2006 Electric Generation	Program	Cumulative Generation					
		Installed		Committed		Installed and Committed	
		KW	MWh	KW	MWh	KW	MWh
<b>OCE RENEWABLE PROGRAMS</b>							
Customer On-Site Renewable Energy (CORE)		31,648	1,050,059	29,430	3,170,962	48,155	4,221,021
CleanPower Choice		0	0	0	0	0	0
<b>Sub-Total: OCE Renewable Programs</b>		<b>31,648</b>	<b>1,050,059</b>	<b>29,430</b>	<b>3,170,962</b>	<b>48,155</b>	<b>4,221,021</b>
<b>EDA RENEWABLE PROGRAMS</b>							
Manufacturing Incentive		0	0	0	0	0	0
Public Entity Financing (RE)		0	0	0	0	0	0
Clean Energy Financing for Businesses		0	0	0	0	0	0
RE Project Grants and Financing (Incl. NJBPU Grid)		10,700	550,890	6,150	494,725	15,250	1,045,615
Renewable Energy Business Venture Financing/REED		0	0	0	0	0	0
<b>Sub-Total: EDA Renewable Programs</b>		<b>10,700</b>	<b>550,890</b>	<b>6,150</b>	<b>494,725</b>	<b>15,250</b>	<b>1,045,615</b>
<b>TOTAL Renewable Energy Programs</b>		<b>42,348</b>	<b>1,600,949</b>	<b>35,580</b>	<b>3,665,687</b>	<b>63,405</b>	<b>5,266,636</b>

Annual Gas Savings for Reporting Year 2006  
Energy Efficiency Programs

Statewide Summary  
Reporting Period: YTD - 4th Quarter 2006

Program	Installed		Annual Savings		Installed and Committed	
	DTh		Committed	DTh	DTh	
<b>RESIDENTIAL PROGRAMS</b>						
Residential HVAC-Electric and Gas	231,174			231,174		
Residential New Construction	164,504		631,039	795,543		
<i>ENERGY STAR Products</i>	108			108		
Maintenance	0			0		
Room AC	0			0		
Change a Light & Other	0			0		
On Line Audit	0			0		
Home Performance with ENERGY STAR	108			108		
<i>Residential Low Income</i>	42,526			42,526		
Utility Comfort Partners	42,526			42,526		
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0			0		
DCA Low-Income	0			0		
DCA Green Homes	0			0		
Energy Conservation Kits	37			37		
<b>Sub-Total: Residential Programs</b>	<b>438,349</b>		<b>631,039</b>	<b>1,069,388</b>		
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>						
<i>Commercial/Industrial Construction</i>						
C&I New Construction	201,829		58,760	260,589		
C&I Retrofit	2,855		6,760	9,615		
New School Construction & Retrofit	171,062		38,822	209,884		
Combined Heat and Power	27,913		13,178	41,091		
	0		0	0		
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>201,829</b>		<b>58,760</b>	<b>260,589</b>		
<b>OTHER PROGRAMS</b>						
Special Studies	0			0		
NJDEP Cool Cities	0		0	0		
Treasury HVAC	0			0		
<b>Sub-Total: Other Programs</b>	<b>0</b>		<b>0</b>	<b>0</b>		
<b>TOTAL Energy Efficiency Programs</b>	<b>640,178</b>		<b>689,799</b>	<b>1,329,977</b>		

Lifetime Gas Savings for Reporting Year 2006  
Energy Efficiency Programs

Statewide Summary  
Reporting Period: YTD - 4th Quarter 2006

Program	Installed		Lifetime Savings		Installed and Committed	
	DTh		Committed	DTh	DTh	
<b>RESIDENTIAL PROGRAMS</b>						
Residential HVAC-Electric and Gas	3,095,022				3,095,022	
Residential New Construction	2,191,094		5,939,348		8,130,442	
<i>ENERGY STAR Products</i>	2,152				2,152	
Maintenance	0				0	
Room AC	0				0	
Change a Light & Other	0				0	
On Line Audit	0				0	
Home Performance with ENERGY STAR	2,152				2,152	
<i>Residential Low Income</i>	703,101				703,101	
Utility Comfort Partners	703,101				703,101	
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0				0	
DCA Low-Income	0				0	
DCA Green Homes	0				0	
Energy Conservation Kits	0				0	
<b>Sub-Total: Residential Programs</b>	<b>5,991,369</b>		<b>5,939,348</b>		<b>11,930,717</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>						
<i>Commercial/Industrial Construction</i>						
C&I New Construction	3,145,860		893,280		4,039,140	
C&I Retrofit	44,603		101,400		146,003	
New School Construction & Retrofit	2,681,281		582,460		3,263,741	
Combined Heat and Power	419,977		209,420		629,397	
	0		0		0	
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>3,145,860</b>		<b>893,280</b>		<b>4,039,140</b>	
<b>OTHER PROGRAMS</b>						
Special Studies	0				0	
NJDEP Cool Cities	0				0	
Treasury HVAC	0				0	
<b>Sub-Total: Other Programs</b>	<b>0</b>		<b>0</b>		<b>0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>9,137,228</b>		<b>6,832,628</b>		<b>15,969,856</b>	

Cumulative Gas Savings for Reporting Year 2006  
Energy Efficiency Programs

Statewide Summary  
Reporting Period: YTD - 4th Quarter 2006

Program	Gas Savings			
	Installed	Committed	Installed and Committed	
	DTh	DTh	DTh	DTh
<b>RESIDENTIAL PROGRAMS</b>				
Residential HVAC-Electric and Gas	15,423,760		15,423,760	
Residential New Construction	15,074,470	46,250,874	61,325,344	
<i>ENERGY STAR Products</i>	2,152		2,152	
Maintenance	0		0	
Room AC	0		0	
Change a Light & Other	0		0	
On Line Audit	0		0	
Home Performance with ENERGY STAR	2,152		2,152	
<i>Residential Low Income</i>	7,432,938		7,432,938	
Utility Comfort Partners	7,432,938		7,432,938	
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0		0	
DCA Low-Income	0		0	
DCA Green Homes	0		0	
Energy Conservation Kits	0		0	
<b>Sub-Total: Residential Programs</b>	<b>37,933,321</b>	<b>46,250,874</b>	<b>84,184,195</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>				
<i>Commercial/Industrial Construction</i>				
C&I New Construction	10,031,221	12,514,986	22,546,207	
C&I Retrofit	498,356	274,005	772,361	
New School Construction & Retrofit	8,752,650	8,212,579	16,965,229	
Combined Heat and Power	780,215	759,492	1,539,707	
	0	3,268,911	3,268,911	
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>10,031,221</b>	<b>12,514,986</b>	<b>22,546,207</b>	
<b>OTHER PROGRAMS</b>				
Special Studies	0		0	
NJDEP Cool Cities	0	0	0	
Treasury HVAC	0		0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>47,964,542</b>	<b>58,765,860</b>	<b>106,730,402</b>	

**Annual Emissions Reductions for Reporting Year 2006  
Statewide Summary - All Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
Energy Efficiency Programs (Electric and Gas)	121,183	187	373	0.0020
Renewable Energy Programs	32,252	59	138	0.0008
Combined Heat and Power Program	0	0	0	0.0000
<b>TOTAL Energy Efficiency Programs</b>	<b>153,435</b>	<b>247</b>	<b>511</b>	<b>0.0028</b>

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*



**Annual Emissions Reductions for Reporting Year 2006  
Statewide Summary - Electric Energy Efficiency Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
<b>RESIDENTIAL PROGRAMS</b>				
Residential HVAC-Electric and Gas	7,977	15	34	0.0002
Residential New Construction	3,580	7	15	0.0001
<i>ENERGY STAR Products</i>	376	1	2	0.0000
Maintenance	0	0	0	0.0000
Room AC	374	1	2	0.0000
Change a Light & Other	0	0	0	0.0000
On Line Audit	0	0	0	0.0000
Home Performance with ENERGY STAR	1	0	0	0.0000
<i>Residential Low Income</i>	7,100	13	30	0.0002
Utility Comfort Partners	7,100	13	30	0.0002
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	0	0.0000
DCA Low-Income	0	0	0	0.0000
DCA Green Homes	0	0	0	0.0000
Energy Conservation Kits	0	0	0	0.0000
<b>Sub-Total: Residential Programs</b>	<b>19,032</b>	<b>35</b>	<b>81</b>	<b>0.0004</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>				
<i>Commercial/Industrial Construction</i>				
C&I New Construction	67,969	125	291	0.0016
C&I Retrofit	11,988	22	51	0.0003
New School Construction & Retrofit	54,025	100	231	0.0013
	1,957	4	8	0.0000
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>67,969</b>	<b>125</b>	<b>291</b>	<b>0.0016</b>
<b>OTHER PROGRAMS</b>				
Special Studies	0	0	0	0.0000
NJDEP Cool Cities	136	0	1	0.0000
Treasury HVAC	0	0	0	0.0000
<b>Sub-Total: Other Programs</b>	<b>136</b>	<b>0</b>	<b>1</b>	<b>0.0000</b>
<b>TOTAL Energy Efficiency Programs</b>	<b>87,137</b>	<b>161</b>	<b>373</b>	<b>0.0020</b>



**Annual Emissions Reductions for Reporting Year 2006  
Statwide Summary - Gas Energy Efficiency Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	
<b>RESIDENTIAL PROGRAMS</b>			
Residential HVAC-Electric and Gas	12,294	10	
Residential New Construction	8,749	7	
<i>ENERGY STAR Products</i>	6	0	
Maintenance	0	0	
Room AC	0	0	
Change a Light & Other	0	0	
On Line Audit	0	0	
Home Performance with ENERGY STAR	6	0	
<i>Residential Low Income</i>	2,262	2	
Utility Comfort Partners	2,262	2	
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	
DCA Low-Income	0	0	
DCA Green Homes	0	0	
Energy Conservation Kits	2	0	
<b>Sub-Total: Residential Programs</b>	<b>23,312</b>	<b>18</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>			
<i>Commercial/Industrial Construction</i>	10,734	8	
C&I New Construction	152	0	
C&I Retrofit	9,097	7	
New School Construction & Retrofit	1,484	1	
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>10,734</b>	<b>8</b>	
<b>OTHER PROGRAMS</b>			
Special Studies	0	0	
NJDEP Cool Cities	0	0	
Treasury HVAC	0	0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>34,046</b>	<b>27</b>	

**Annual Emissions Reductions for Reporting Year 2006  
Statewide Summary - Renewable Energy Programs**

Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)

Program	CO2	NOX	SO2	Hg
<b>OCE RENEWABLE PROGRAMS</b>				
Customer On-Site Renewable Energy (CORE)	15,525	29	66	0.0004
CleanPower Choice	0	0	0	0.0000
<b>Sub-Total: OCE Renewable Programs</b>	<b>15,525</b>	<b>29</b>	<b>66</b>	<b>0.0004</b>
<b>EDA RENEWABLE PROGRAMS</b>				
Manufacturing Incentive	0	0	0	0.0000
Public Entity Financing (RE)	0	0	0	0.0000
Clean Energy Financing for Businesses	0	0	0	0.0000
RE Project Grants and Financing (Incl. NJBPU Grid)	16,727	31	72	0.0004
Renewable Energy Business Venture Financing/REED	0	0	0	0.0000
<b>Sub-Total: EDA Renewable Programs</b>	<b>16,727</b>	<b>31</b>	<b>72</b>	<b>0.0004</b>
<b>TOTAL Renewable Energy Programs</b>	<b>32,252</b>	<b>59</b>	<b>138</b>	<b>0.0008</b>

**Annual Emissions Reductions for Reporting Year 2006  
Statewide Summary - Combined Heat and Power Program**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
<b>Combined Heat and Power Program</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0000</b>

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*

**Lifetime Emissions Reductions for Reporting Year 2006  
Statewide Summary - All Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
Energy Efficiency Programs (Electric and Gas)	1,817,296	2,835	5,693	0.0312
Renewable Energy Programs	561,398	1,034	2,401	0.0131
Combined Heat and Power Program	0	0	0	0.0000
<b>TOTAL Energy Efficiency Programs</b>	<b>2,378,694</b>	<b>3,869</b>	<b>8,094</b>	<b>0.0443</b>

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*



Lifetime Emissions Reductions for Reporting Year 2006  
Statewide Summary - Electric Energy Efficiency Programs

Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)

Program	CO2	NOX	SO2	Hg
<b>RESIDENTIAL PROGRAMS</b>				
Residential HVAC-Electric and Gas	119,652	220	512	0.0028
Residential New Construction	64,827	119	277	0.0015
<i>ENERGY STAR Products</i>	0	0	0	0.0000
Maintenance	0	0	0	0.0000
Room AC	0	0	0	0.0000
Change a Light & Other	0	0	0	0.0000
On Line Audit	0	0	0	0.0000
Home Performance with ENERGY STAR	0	0	0	0.0000
<i>Residential Low Income</i>	120,103	221	514	0.0028
Utility Comfort Partners	120,103	221	514	0.0028
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	0	0.0000
DCA Low-Income	0	0	0	0.0000
DCA Green Homes	0	0	0	0.0000
Energy Conservation Kits	0	0	0	0.0000
<b>Sub-Total: Residential Programs</b>	<b>304,583</b>	<b>561</b>	<b>1,302</b>	<b>0.0071</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>				
<i>Commercial/Industrial Construction</i>	1,019,539	1,878	4,360	0.0239
C&I New Construction	179,819	331	769	0.0042
C&I Retrofit	810,370	1,493	3,465	0.0190
New School Construction & Retrofit	29,350	54	126	0.0007
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>1,019,539</b>	<b>1,878</b>	<b>4,360</b>	<b>0.0239</b>
<b>OTHER PROGRAMS</b>				
Special Studies	0	0	0	0.0000
NJDEP Cool Cities	7,240	13	31	0.0002
Treasury HVAC	0	0	0	0.0000
<b>Sub-Total: Other Programs</b>	<b>7,240</b>	<b>13</b>	<b>31</b>	<b>0.0002</b>
<b>TOTAL Energy Efficiency Programs</b>	<b>1,331,361</b>	<b>2,453</b>	<b>5,693</b>	<b>0.0312</b>

Lifetime Emissions Reductions for Reporting Year 2006  
Statwide Summary - Gas Energy Efficiency Programs

Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)

Program	CO2	NOX	
<b>RESIDENTIAL PROGRAMS</b>			
Residential HVAC-Electric and Gas	164,599	129	
Residential New Construction	116,526	92	
<i>ENERGY STAR Products</i>	114	0	
Maintenance	0	0	
Room AC	0	0	
Change a Light & Other	0	0	
On Line Audit	0	0	
Home Performance with ENERGY STAR	114	0	
<i>Residential Low Income</i>	37,392	29	
Utility Comfort Partners	37,392	29	
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	
DCA Low-Income	0	0	
DCA Green Homes	0	0	
Energy Conservation Kits	0	0	
<b>Sub-Total: Residential Programs</b>	<b>318,632</b>	<b>251</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>			
<i>Commercial/Industrial Construction</i>	167,303	132	
C&I New Construction	2,372	2	
C&I Retrofit	142,595	112	
New School Construction & Retrofit	22,335	18	
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>167,303</b>	<b>132</b>	
<b>OTHER PROGRAMS</b>			
Special Studies	0	0	
NJDEP Cool Cities	0	0	
Treasury HVAC	0	0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>485,934</b>	<b>382</b>	

Lifetime Emissions Reductions for Reporting Year 2006  
 Statewide Summary - Renewable Energy Programs

Reporting Period: YTD - 4th Quarter 2006  
 (Metric Tons)

Program	CO2	NOX	SO2	Hg
<b>OCE RENEWABLE PROGRAMS</b>				
Customer On-Site Renewable Energy (CORE)	310,495	572	1,328	0.0073
CleanPower Choice	0	0	0	0.0000
<b>Sub-Total: OCE Renewable Programs</b>	<b>310,495</b>	<b>572</b>	<b>1,328</b>	<b>0.0073</b>
<b>EDA RENEWABLE PROGRAMS</b>				
Manufacturing Incentive	0	0	0	0.0000
Public Entity Financing (RE)	0	0	0	0.0000
Clean Energy Financing for Businesses	0	0	0	0.0000
RE Project Grants and Financing (Incl. NJBPU Grid)	250,904	462	1,073	0.0059
Renewable Energy Business Venture Financing/REED	0	0	0	0.0000
<b>Sub-Total: EDA Renewable Programs</b>	<b>250,904</b>	<b>462</b>	<b>1,073</b>	<b>0.0059</b>
<b>TOTAL Renewable Energy Programs</b>	<b>561,398</b>	<b>1,034</b>	<b>2,401</b>	<b>0.0131</b>



**Lifetime Emissions Reductions for Reporting Year 2006  
Statewide Summary - Combined Heat and Power Program**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
<b>Combined Heat and Power Program</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0000</b>

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*

**Cumulative Emissions Reductions for Reporting Year 2006  
Statewide Summary - All Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
Energy Efficiency Programs (Electric and Gas)	14,164,419	23,399	49,663	0.2720
Renewable Energy Programs	1,106,110	2,038	4,730	0.0259
Combined Heat and Power Program	0	0	0	0.0000
<b>TOTAL Energy Efficiency Programs</b>	<b>15,270,529</b>	<b>25,437</b>	<b>54,393</b>	<b>0.2979</b>

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*



**Cumulative Emissions Reductions for Reporting Year 2006  
Statewide Summary - Electric Energy Efficiency Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
<b>RESIDENTIAL PROGRAMS</b>				
Residential HVAC-Electric and Gas	876,655	1,615	3,749	0.0205
Residential New Construction	324,992	599	1,390	0.0076
<i>ENERGY STAR Products</i>	<i>1,188,847</i>	<i>2,190</i>	<i>5,084</i>	<i>0.0278</i>
Maintenance	0	0	0	0.0000
Room AC	29,514	54	126	0.0007
Change a Light & Other	1,159,315	2,136	4,958	0.0272
On Line Audit	0	0	0	0.0000
Home Performance with ENERGY STAR	18	0	0	0.0000
<i>Residential Low Income</i>	<i>500,756</i>	<i>922</i>	<i>2,141</i>	<i>0.0177</i>
Utility Comfort Partners	500,756	922	2,141	0.0177
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	0	0.0000
DCA Low-Income	0	0	0	0.0000
DCA Green Homes	0	0	0	0.0000
Energy Conservation Kits	0	0	0	0.0000
<b>Sub-Total: Residential Programs</b>	<b>2,891,250</b>	<b>5,326</b>	<b>12,364</b>	<b>0.0677</b>
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>				
<i>Commercial/Industrial Construction</i>	<i>8,522,046</i>	<i>15,699</i>	<i>36,443</i>	<i>0.1996</i>
C&I New Construction	772,086	1,422	3,302	0.0181
C&I Retrofit	7,442,643	13,710	31,827	0.1743
New School Construction & Retrofit	307,317	566	1,314	0.0072
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>8,522,046</b>	<b>15,699</b>	<b>36,443</b>	<b>0.1996</b>
<b>OTHER PROGRAMS</b>				
Special Studies	0	0	0	0.0000
NJDEP Cool Cities	200,282	369	856	0.0047
Treasury HVAC	0	0	0	0.0000
<b>Sub-Total: Other Programs</b>	<b>200,282</b>	<b>369</b>	<b>856</b>	<b>0.0047</b>
<b>TOTAL Energy Efficiency Programs</b>	<b>11,613,578</b>	<b>21,393</b>	<b>49,663</b>	<b>0.2720</b>

**Cumulative Emissions Reductions for Reporting Year 2006  
Statwide Summary - Gas Energy Efficiency Programs**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	
<b>RESIDENTIAL PROGRAMS</b>			
Residential HVAC-Electric and Gas	820,264	645	
Residential New Construction	801,688	630	
<i>ENERGY STAR Products</i>	114	0	
Maintenance	0	0	
Room AC	0	0	
Change a Light & Other	0	0	
On Line Audit	0	0	
Home Performance with ENERGY STAR	114	0	
<i>Residential Low Income</i>	395,297	311	
Utility Comfort Partners	395,297	311	
Weatherization, Rehabilitation & Asset Preservation (WRAP)	0	0	
DCA Low-Income	0	0	
DCA Green Homes	0	0	
Energy Conservation Kits	0	0	
<b>Sub-Total: Residential Programs</b>	<b>2,017,363</b>	<b>1,586</b>	
<b>COMMERCIAL &amp; INDUSTRIAL PROGRAMS</b>			
<i>Commercial/Industrial Construction</i>	533,479	419	
C&I New Construction	26,503	21	
C&I Retrofit	465,482	366	
New School Construction & Retrofit	41,493	33	
<b>Sub-Total: Commercial &amp; Industrial Programs</b>	<b>533,479</b>	<b>419</b>	
<b>OTHER PROGRAMS</b>			
Special Studies	0	0	
NJDEP Cool Cities	0	0	
Treasury HVAC	0	0	
<b>Sub-Total: Other Programs</b>	<b>0</b>	<b>0</b>	
<b>TOTAL Energy Efficiency Programs</b>	<b>2,550,842</b>	<b>2,006</b>	

**Cumulative Emissions Reductions for Reporting Year 2006  
Statewide Summary - Renewable Energy Programs**

Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)

Program	CO2	NOX	SO2	Hg
<b>OCE RENEWABLE PROGRAMS</b>				
Customer On-Site Renewable Energy (CORE)	725,495	1,336	3,102	0.0170
CleanPower Choice	0	0	0	0.0000
<b>Sub-Total: OCE Renewable Programs</b>	<b>725,495</b>	<b>1,336</b>	<b>3,102</b>	<b>0.0170</b>
<b>EDA RENEWABLE PROGRAMS</b>				
Manufacturing Incentive	0	0	0	0.0000
Public Entity Financing (RE)	0	0	0	0.0000
Clean Energy Financing for Businesses	0	0	0	0.0000
RE Project Grants and Financing (Incl. NJBPU Grid)	380,615	701	1,628	0.0089
Renewable Energy Business Venture Financing/REED	0	0	0	0.0000
<b>Sub-Total: EDA Renewable Programs</b>	<b>380,615</b>	<b>701</b>	<b>1,628</b>	<b>0.0089</b>
<b>TOTAL Renewable Energy Programs</b>	<b>1,106,110</b>	<b>2,038</b>	<b>4,730</b>	<b>0.0259</b>

**Cumulative Emissions Reductions for Reporting Year 2006  
Statewide Summary - Combined Heat and Power Program**

**Reporting Period: YTD - 4th Quarter 2006  
(Metric Tons)**

<b>Program</b>	<b>CO2</b>	<b>NOX</b>	<b>SO2</b>	<b>Hg</b>
<b>Combined Heat and Power Program</b>	0.00	0.00	0.00	0.0000

*Factors for the calculation of Emissions Reductions resulting from projects implemented under the Combined Heat and Power (CHP) program are currently being developed by the New Jersey Department of Environmental Protection and when available will be used in the preparation of future reports.*

