

**CONSOLIDATED EDISON  
GAS EFFICIENCY PILOT PROGRAM**

**QUARTERLY EVALUATION AND  
STATUS REPORT**

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**QUARTERLY REPORT TO THE PUBLIC SERVICE COMMISSION  
QUARTER ENDING DECEMBER 27, 2005**

**NYSERDA**



# **QUARTERLY REPORT (FOR THE PERIOD ENDING DECEMBER 27, 2005) CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. GAS EFFICIENCY PILOT PROGRAM**

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## **INTRODUCTION**

The Gas Efficiency Program Plan (Gas Plan) for the Consolidated Edison Company of New York, Inc. (Con Edison) gas utility territory was filed by the New York State Energy Research and Development Authority (NYSERDA) with the New York State Public Service Commission (PSC) on December 24, 2004, in compliance with a September 27, 2004 PSC order (Case 03-G-1671) adopting a rate plan for Con Edison's gas operations. A revised Gas Plan was filed on February 24, 2005. The Gas Plan was developed in concert with a twelve-member advisory group whose purpose was to assist in developing the Gas Plan and make recommendations concerning the conduct of the Gas Program. The Gas Plan was approved by the PSC on May 18, 2005.

The Gas Program has been funded at \$5 million and consists of new gas energy efficiency initiatives that will supplement and expand existing efficiency programs. Eligible program participants are SC 1, SC 2, SC 3 and SC 13 customers and SC 9 firm transportation customers over a twelve month period. Interruptible gas customers are not eligible to participate. Allocation of funding in the Gas Program is 50 percent for low-income gas efficiency programs, including low-income weatherization and programs for owners of multifamily housing with low-income tenants; 25 percent for non-low-income residential gas efficiency programs, including single and multifamily buildings; and 25 percent for commercial gas efficiency programs.

In accordance with the Gas Plan, NYSERDA will file quarterly status reports with the PSC for the period September 27, 2005 through September 27, 2007. Annual reports will be filed within sixty days after the end of each rate year, in November 2006 and November 2007.

In the first year after the PSC released its order, NYSERDA worked with representatives of Con Edison and the Advisory Group to develop the Gas Plan. Since receiving approval of the Gas Plan in May 2005, NYSERDA staff have been actively formulating the gas efficiency programs, developing several new solicitations, and identifying methods to track program expenditures and progress. Several distinct programs will be implemented to serve the commercial, residential, and low-income markets, complementing currently available offerings under the **New York Energy \$mart<sup>SM</sup>** Program.

## **QUARTERLY GAS PLAN PROGRAM SUMMARY**

This report details the Program's progress through December 27, 2005. Budget status information and solicitations released during the most recent quarter are presented below. Future quarterly reports will include summaries of energy, economic, and environmental outcomes and energy savings by program for each quarter.

Table 1 provides information on the solicitations issued in this quarter.

Table 2 presents overall budget information through the end of the reporting quarter.

Figure 1 shows the budget and spending through the end of the reporting period.

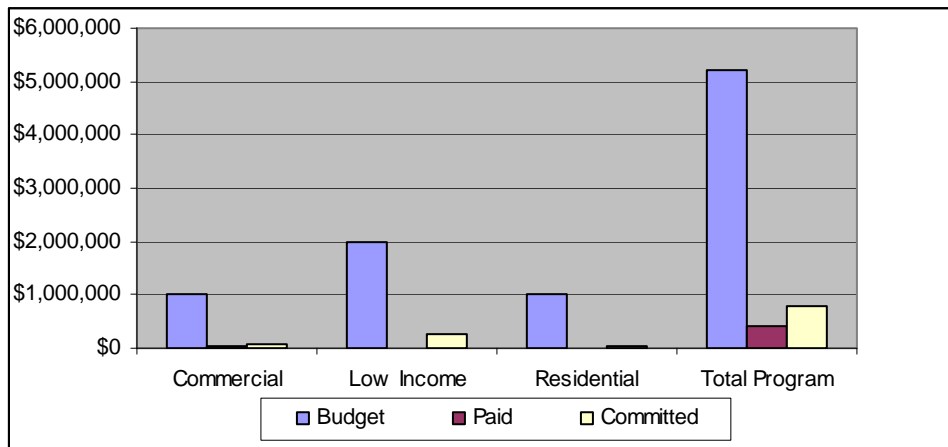
**Table 1--Solicitations Released in Quarter Ending December 27, 2005**

Solicitation Number	Solicitation Name	Solicitation Release Date	Solicitation Closing Date
PON 909	Commercial Industrial Performance Program (Revision)	10/10/05	12/27/05
PON 941	New York Energy \$mart <sup>SM</sup> Loan Fund	11/14/05	6/30/06
PON 963	Technical Assistance Program	12/01/05	6/30/06
PON 968	Smart Equipment Choices	11/14/05	9/30/06

**Table 2--Overall Budget Status as of December 27, 2005**

Program	Budget	Paid	Committed	Available
Commercial	\$1,000,000	\$43,396	\$67,500	\$932,500
Low Income	2,000,000	-	\$244,171	\$1,755,830
Residential	1,000,000	-	\$29,212	\$970,788
<b>Subtotal</b>	<b><u>\$4,000,000</u></b>	<b><u>\$43,396</u></b>	<b><u>\$340,883</u></b>	<b><u>\$3,659,118</u></b>
Gas Efficiency Study	200,000	125,789	199,593	407
Evaluation	100,000	-	25,000	75,000
Administration	350,000	238,502	238,502	111,498
Reserve for Lost Revenue	550,000	-	-	550,000
<b>Total Program</b>	<b><u>\$5,200,000</u></b>	<b><u>\$407,687</u></b>	<b><u>\$803,978</u></b>	<b><u>\$4,396,023</u></b>

**Figure 1—Budget and Spending Summary**



\* Includes study, evaluation, administration, and lost revenue reserve.

## **RESIDENTIAL AND LOW-INCOME PROGRAMS**

The Residential and Low-Income portion of the Gas Program will involve several single family and multifamily building programs. The single-family homes program will include funding for New York ENERGY STAR® Labeled Homes (\$100,000 for non-low-income and \$500,000 for low-income homes) and Home Performance with ENERGY STAR (\$200,000). The multifamily program will include funding for ResTech (\$300,000), Assisted Multifamily (\$500,000), and ENERGY STAR Multifamily Buildings (\$200,000 for non-low-income and \$1,000,000 for low-income). Program marketing expenditures will be \$200,000. Detailed descriptions of these programs may be found in the approved Gas Plan.

**Assisted Multifamily Program (AMP)** — AMP has been allocated \$500,000 to target low-income multifamily projects that are exclusively Con Edison gas customers. The AMP implementation contractor, HR&A, and NYSERDA staff have identified up to 21 projects that could potentially participate in the gas efficiency program. Participation agreements will be pursued for these projects and many will be finalized in the next reporting period.

**ResTech** — Staff has allocated \$300,000 for the ResTech program. This quarter, two new projects began, with spending of \$29,212. Four other potential projects have been identified, which will be finalized in the next quarter.

**ENERGY STAR Multifamily Pilot Program (EMP)** — EMP in New York is part of a national pilot program coordinated in Oregon, Wisconsin, and New York by a National Working Group of multifamily experts under the oversight by the United States Environmental Protection Agency (U.S. EPA). The pilot is testing various methodologies to design, construct, test, and rate energy-efficient multifamily buildings to enable them to receive an EPA ENERGY STAR label. NYSERDA is overseeing this effort in New York, and HR&A is implementing this effort under the AMP contract with NYSERDA.

The Gas Plan allocated \$200,000 to market-rate, non-low-income projects participating in EMP and \$1,000,000 to low-income EMP projects. To date, EMP has identified one market-rate and eight low-income new construction projects in Con Edison's gas territory. Of these, the market-rate project and five of the low-income projects have been approved by staff, and one low-income project developer has signed a Participation Agreement with NYSERDA. The encumbered amount for the low-income project is \$244,171.

**Assisted New York ENERGY STAR Labeled Homes (ANYESLH)** — This Program was allocated \$500,000 to provide incentives to homebuilders to construct low-income one-to-four family New York ENERGY STAR Labeled Homes. NYSERDA's program implementer, the Conservation Services Group (CSG), has conducted several recruiting meetings with existing and new affordable housing developers to secure potential sites. CSG's field account managers have met and continue to schedule meetings with developers that build a substantial portion of the low-income housing in the New York City region. CSG, at the direction of NYSERDA, is completing the final elements of the program management database to track these projects separately from the rest of the Program. This Program is fully expected to support the construction of approximately 650 new energy-efficient homes for low-income Con Edison gas customers.

**New York ENERGY STAR Labeled Homes (NYESLH)** — This Program was allocated \$100,000 to provide incentives to homebuilders to construct market rate, non-low-income one-to-four family homes in the Con Edison gas service territory. These homes will include high-efficiency gas heating equipment beyond current Program standards. The qualified list of eligible equipment has been finalized. CSG is continually working with our existing participating builders and recruiting new homebuilders with potential housing sites. The Program fully expects to support construction of approximately 200 new energy-efficient homes for Con Edison gas customers.

***Home Performance with ENERGY STAR (HPwES)*** — This Program was allocated \$200,000 to provide incentives to home performance contractors to upgrade the energy efficiency of existing one-to-four family homes in the Con Edison gas service territory. These homes will include high-efficiency gas heating equipment beyond the current program standards. The qualified list of eligible equipment has been finalized. CSG is currently working with our existing participating home performance contractors and recruiting new contractors with potential retrofit housing sites. The Program fully expects to support upgrades in approximately 400 homes for existing Con Edison gas customers.

***Planned Activities and Proposed Expenditures***

Activity in the low income and residential portion of the Gas Plan will be significant next quarter, especially for the Energy Star Multifamily Program (EMP) and the Home Performance with Energy Star Program. This is due to the market's response to the higher cost of gas this winter, i.e., participants' interest in energy efficiency is increased and this will drive demand for program funds. Staff in the residential program will work closely with staff in Energy Efficiency Services to coordinate the new construction program activities.

## COMMERCIAL PROGRAM

The commercial component of the Gas Program will help eligible non-residential Con Edison gas customers better manage their energy costs and operate more productively. Natural gas measures have been added to existing **New York Energy Smart<sup>SM</sup>** programs to enable staff to provide one-stop assistance. These programs include: the Energy Audit Program, FlexTech Services, the Technical Assistance Program, Smart Equipment Choices, the Commercial/Industrial Performance Program, and the **New York Energy Smart<sup>SM</sup>** Loan Fund. Marketing will target eligible Con Edison gas customers. The commercial program will be funded at \$1,000,000.

As with the residential and low-income programs, the gas components of the programs are in the beginning stages of implementation and no gas efficiency measures have been installed and no gas savings or benefits can be reported in this quarterly report. Accomplishments of the Commercial Gas Efficiency Program are detailed below.

***FlexTech and Technical Assistance*** — The FlexTech and Technical Assistance programs were revised in August 2005 to permit studies of customer projects previously ineligible for funding under **New York Energy Smart<sup>SM</sup>**. Studies will include the costs and benefits of installing gas measures at efficiency levels established by implementation programs. Offers have been extended but no studies have been initiated.

***Energy Audit Program*** — The Energy Audit Program has been augmented to include combustion efficiency testing of applicable gas-fired equipment and ultrasonic steam trap testing. The fee structure has been altered for these audits making the cost either \$100 or \$400. Gas measure review has been initiated for small commercial ratepayers.

***Training*** — NYSERDA cosponsored two workshops in White Plains. 45 participants attended the workshops representing manufacturing, hospitals, colleges, local government, and commercial businesses.

***Commercial/Industrial Performance Program*** — Commercial/Industrial Performance Program (CIPP) previously excluded natural gas measures. Effective 10/10/05, an incentive of \$1.00 per therm saved has been added. Minimum efficiency levels for boilers, furnaces, and storage water heaters were defined.

***Smart Equipment Choices Program*** — The Smart Equipment Choices Program (SEC) *Terms and Conditions* were redefined to add pre-qualified natural gas equipment, operations and maintenance measures, and a custom measure incentive. The maximum funding cap for pre-qualified equipment was set at \$25,000 and custom improvements were capped at \$100,000.

***New York Energy Smart<sup>SM</sup> Loan Fund*** — The **New York Energy Smart<sup>SM</sup>** Loan Fund's eligible measure list has been expanded. The Loan Fund uses the same pre-qualified list as SEC and minimum equipment efficiency levels are consistent for any equipment pre-qualified under CIPP, SEC, or the Loan Fund.

### ***Planned Activities and Proposed Expenditures***

Marketing will continue to be a major activity. Outreach will focus on customer organizations, gas equipment vendors, business and trade groups, and economic development organizations. The Program will attempt to utilize the customer service efforts of Con Edison, including web-site integration. Proposed expenditures for the first quarter of 2006 are estimated to be \$300,000.