

Residential Multifamily Programs

Exemplary Programs

California Statewide Multifamily Energy Efficiency Rebate Program 15-2

EnergyWise (Massachusetts and Rhode Island) 15-5

Multifamily Housing 15-9

Multifamily Performance Program 15-12

*Residential Multifamily Programs
Exemplary Program*

***California Statewide Multifamily Energy Efficiency Rebate Program
Pacific Gas & Electric
San Diego Gas & Electric
Southern California Edison
Southern California Gas***

PROGRAM OVERVIEW

The California Statewide Multifamily Energy Efficiency Rebate Program (MEERP) is a collaboration among California's four major investor-owned utilities (IOU's): Pacific Gas and Electric Company, San Diego Gas and Electric Company, Southern California Gas Company, and Southern California Edison. Together, they promote energy efficiency and provide equipment rebates to owners and tenants of multifamily properties, including residential apartment buildings, condominium complexes, and mobile home parks, throughout the state. The program began in 2002. Program Managers from each utility meet routinely to discuss program issues, coordinate energy efficiency messaging, and ensure consistency in program delivery throughout the state. Each IOU administers the MEERP in its own service territory.

MEERP encourages the installation of qualifying energy-efficient products in individual tenant units and in common areas of residential apartment buildings, mobile home parks, and condominium complexes with two or more units. Now entering its sixth year, the program offers multifamily property owners throughout California rebates up to \$1,500 for energy efficiency products and improvements. The program drives long-term change in California through the installation of ENERGY STAR® interior and exterior hardwired fixtures and other permanently installed energy-efficient equipment and products. This widespread change is reducing tenants' energy usage in apartment dwelling units and also reducing property owners' energy usage in common areas.

Rebate offerings for measures associated with apartment dwelling units include:

- interior and exterior hardwired fixtures
- T8 linear fluorescents
- ceiling fans
- compact fluorescent lamps (CFLs)
- clothes washers
- dishwashers
- water heaters
- natural gas central furnaces
- attic and wall insulation

Rebate offerings for common areas include:

- LED exit signs
- occupancy sensors,
- photocells
- high-performance dual-paned windows
- central water heaters
- boilers and boiler controls.

PROGRAM PERFORMANCE

The MEERP has been very successful in reaching the customers in this challenging segment. It achieved significant energy savings during the 2004-05 program period; savings for the current 2006-08 program period are expected to exceed aggressive goals set by the investor-owned utilities and the California Public Utilities Commission.

Energy Savings for 2004-05 Program Year

	Goal	Achieved	Percent of Goal
Kilowatts	12,641	17,572	139%
Kilowatt-hours	88,290,888	89, 870,312	102%
Therms	4,305,281	4,852,760	113%

Goals were substantially exceeded during the 2004-05 PY, while \$29,978,050 in paid incentives remained within budget. The 2004-05 installations included approximately 3,787 multifamily properties with 241,700 apartments.

California Multifamily Statewide Team Accomplishments

2004/2005	Incentives Paid	# Paid Applic.	# of Sites Treated	Units	kW	kWh	Therms
PG&E	\$8,366,773	887	862	50,800	7,570	22,703,451	1,688,151
SCE	\$11,262,000	967	967	93,000	6,567	43,904,000	N/A
SoCalGas	\$4,267,681	1,058	1,058	52,900	N/A	N/A	2,349,935
SDG&E	\$6,081,596	900	900	45,000	3,435	23,262,861	814,674
TOTAL	\$29,978,050	3,812	3,787	241,700	17,572	89,870,312	4,852,760
2006							
PG&E	\$8,822,359	1,152	1,117	47,637	2,294	20,694,196	182,664
SCE	\$8,480,000	1,350	1,350	80,000	1,630	25,269,000	N/A
SoCalGas	\$854,832	538	538	26,900	N/A	N/A	756,029
SDG&E	\$2,545,418	280	280	14,000	1,370	5,333,695	133,785
TOTAL	\$20,702,609	3,320	3,285	168,537	5,294	51,296,891	1,072,478

The program has continued to grow significantly during the 2006-08 program period. In 2006 alone, electric and gas energy savings were reported at 5,294 kW, 51,296,891 kWh, and 1,072,478 therms. The program continues to gain momentum and visibly affect this underserved

sector. 2006 installations were comprised of approximately 3,285 multifamily properties with 168,537 apartments, and a total of \$20,702,609 in paid incentives.

LESSONS LEARNED

The Multifamily Energy Efficiency Rebate Program's approach to this hard-to-reach sector has proven to be effective. This customer segment traditionally has not participated in utility sector energy efficiency programs. Since its inception, program managers have continually refined the program structure, increased communications, and refined rebate offerings to best reach multifamily property owners and tenants and reflect new energy efficiency technologies. The momentum has continued to grow, as seen through an increased participation each year.

The program overcomes the primary barrier faced by multifamily customers—the split incentive that exists when property owners do not pay the utility bills of their dwelling units. Therefore, they have little to no motivation to install energy-efficient products and equipment. MEERP overcomes this split-incentive barrier by providing incentives to property owners to invest in the installment of energy-efficient measures inside the tenant dwellings. Through the program's design and the utilities' influence on market actors, the bulk of product installation has occurred in individually metered tenant dwelling units. This is evidenced by the tens of thousands of apartments that have been treated since program inception.

The California investor-owned utilities have been very active in administering and promoting the program, and thus have developed substantial relationships within the multifamily market sector. The Multifamily Statewide Team meets on a regular basis, where members discuss what's working and what needs improvement. Because of these regular meetings, the majority of items recommended for improvement from an evaluation of the 2004-5 MEERP have been implemented.

PROGRAM AT A GLANCE

Program Name: California Statewide Multifamily Energy Efficiency Rebate Program

Targeted Customer Segment: owners and tenants of multifamily properties, including residential apartment buildings, condominium complexes, and mobile home parks

Program Start Date: 2002

Program Participants: 2006 installations were comprised of approximately 3,285 multifamily properties with 168,537 apartments

Annual Energy Savings Achieved: In 2006 electric and gas energy savings were 51.3 GWh and 1,072,478 therms.

Peak Demand (Summer) Savings Achieved: 5.3 MW in 2006

Budget: \$20,702,609 in paid incentives in 2006 (all participating utilities); \$30 million in paid incentives in 2004-5.

Funding Sources: California ratepayers via public goods charge

Best Person to Contact for Information about the Program

- Helen Fisicaro, Senior Program Manager, PG&E
- Phone: 415-973-1022
- Email: hhf1@pge.com

*Residential Multifamily Programs
Exemplary Program*

***EnergyWise (Massachusetts and Rhode Island)
Home Energy Solutions (New Hampshire)
National Grid***

PROGRAM OVERVIEW

In 1992 National Grid first offered its Multifamily Retrofit Program. This program was created to address the split incentive problem in multifamily buildings—that is, the party who owns the property (landlord) and is responsible for capital investments and upkeep typically is not the same party who is responsible for paying energy costs (tenant). It is also the case that it is inefficient to serve customers who live in multifamily facilities or condominium complexes on an individual basis through single-family program efforts. In *EnergyWise* multi-unit facilities are dealt with as a whole so owners can approve one contract and work can be put out to bid to get improved pricing. Additionally, National Grid found that many multifamily facilities have both residential and commercial meters, and so the facilities were often not served by the traditional energy efficiency programs. National Grid created *EnergyWise* and its predecessor programs to specifically target this underserved market.

In 1998 the program name was changed to *EnergyWise* for customers in Massachusetts and Rhode Island; in New Hampshire the program is known as Home Energy Solutions [in this profile we use *EnergyWise* to the programs as offered in all 3 states]. At various times and in different states, single-family homes were added to the program. Single family services are offered to customers who live in one to four family homes. The service delivery for single family homes is essentially the same as for multifamily facilities. The program serves public housing authorities, low-income and market-rate multifamily facilities. The program seeks to assist multifamily and single-family customers (both tenants and owners) in saving energy in their homes and facilities. The program provides information and incentives to help customers replace inefficient equipment cost-effectively. Eligible customers and/or building managers or associations receive a comprehensive energy audit. Energy education and the installation of low cost measures (e.g. ENERGY STAR light bulbs, hot water measures, and air sealing for electrically heated buildings) are provided to customers at no direct cost. The energy service providers put major measures out to competitive bid in facilities that have greater than twenty units. Major measures include lighting fixture and thermostat upgrades, insulation upgrades, air sealing and replacement of inefficient refrigerators. Major measures are screened for cost effectiveness on a facility specific basis.

The program is marketed through direct contact with interested customers and homeowners, property owners' associations, bill inserts, customer newsletters, National Grid's website, homes shows and direct mail. There is typically a waiting list for program services, though the program is usually able to serve customers within the year the participation request is made. For public housing authorities and large volume property owners, National Grid often coordinates directly with these customers. The customers prioritize their facilities in terms of greatest need. Thus,

high energy use facilities are served first and all other properties are served over time. These commitments may carry over into subsequent years pending annual regulatory approval of the program.

The program is administered by National Grid within its service territory. The program is delivered by independent energy service providers selected through a competitive bidding process. Work completed by *EnergyWise* energy service providers and their subcontractors must meet standards set by the Building Performance Institute (BPI). At the initial site visit, an auditor comprehensively assesses all end-uses in an effort to identify all cost-effective efficiency upgrades. Where appropriate, this assessment includes an evaluation of efficient lighting opportunities, diagnostic tests of air leakage (with a blower door, if appropriate; in multi-families sometimes this measures air leakage from other apartments, not outside air), duct leakage (with duct blaster or equivalent), heat pump (focused on airflow and charge), insulation levels, water heating equipment, and refrigerator efficiency. All reasonable measures—building envelope, mechanical equipment and systems (including controls like thermostats), lighting and appliances—are screened for cost-effectiveness in multifamily facilities, and major measures are put out to competitive bid. The facility owner/manager/association signs a contract authorizing the work. Work is completed by competitively selected sub-contractors. In some cases certain measures and improvements may be identified via *EnergyWise*, but evaluated and implemented via related National Grid programs. Custom electric savings measures (e.g., motors, pumps and other equipment) are evaluated and provided through the Energy Initiative program. Some single family customers in Rhode Island are also eligible for loans to assist in installing air sealing and insulation, regardless of the heating fuel type as part of National Grid’s comprehensive Home Performance with ENERGY STAR program services.

PROGRAM PERFORMANCE

Since 1996, the program has delivered more than 149,430 cumulative annual MWh savings and 2,222,560 MWh in lifetime savings, and has served more than 185,830 customers.

The table below tracks savings since 1998.

	1998	1999	2000	2001	2002	2003	2004	2005	2006	Total
Annual MWh	13,656	12,198	20,976	22,601	12,581	10,766	10,722	13,967	12,776	149,482
Lifetime MWh	209,148	162,975	295,282	257,147	150,157	132,937	197,962	249,424	213,172	2,222,568
Households	13,723	14,812	22,286	22,702	18,637	21,182	11,818	17,517	18,093	185,834

This is a high volume program creating significant energy savings for consumers and society and addressing a typically underserved market of existing buildings. Significant penetration of the multifamily market in New England has been achieved through this program.

The most recent evaluation found that the *EnergyWise* program is very successful at achieving energy savings and achieving statistically significant results that are over 100% of the engineering-based estimate of savings.

Previous evaluations have shown that customers are very satisfied with the program process and energy savings.

LESSONS LEARNED

The program provides specific target goals and a customized service to multifamily buildings. The multifamily sector is often under-served by conventional energy efficiency programs because such buildings often include both commercial and residential accounts. This situation leads to uncertainty over the appropriate programs to be applied to performing efficiency upgrades to common areas and dwelling units. It may also mean in non-master-metered buildings that property owners are willing to invest in improvements in only those parts of the building for which they pay the energy costs. These circumstances often mean that the delivery of services to the multifamily sector is fragmented, leading to missed opportunities and higher program delivery costs.

EnergyWise overcomes these hurdles by adopting a whole-building approach in the delivery of efficiency services. Multifamily proposals are developed and presented as a comprehensive package addressing all cost-effective opportunities in each building, irrespective of the electric account billing terms and customer class. As a result, the *EnergyWise* program has achieved significantly higher penetration of this sector than other comparable programs, and the savings it has realized are also significantly higher than others that do not adopt this approach.

As part of its revision of the energy efficiency information system, National Grid developed “In Demand”, which provides all data analysis and tracking needs for the *EnergyWise* and other efficiency programs. This system allows selected energy service providers access to customer usage data over the internet. This allows those vendors the ability to complete the energy analysis, experiment with different energy saving scenarios, print documents and contractors for customers, and invoice National Grid in one seamless system. This system has dramatically improved data accessibility for the program’s energy service providers and has automated many manual data tasks previously required by the program. In addition if the work has recyclable items, such as ballasts and lamps, the system will not allow the work to be billed until a recycling service has been created. The system will automatically calculate the number of lamps and ballasts that need to be recycled. The program’s recycling vendor can then access In Demand to schedule the pick-up of these materials.

Addressing multifamily facilities as a unique market has proven an effective way to ensure that these facilities are fully served. National Grid’s model of long-term consistent and comprehensive services to this sector offers a model for successfully reaching these customers and achieving significant energy and associated cost savings.

PROGRAM AT A GLANCE

Program Name: EnergyWise (MA and RI); Home Energy Solutions (NH)

Targeted Customer Segment: Market rate and Low-Income Multi-family buildings as well as Single-Family Customers in Rhode Island and New Hampshire

Program Start Date: 1992

Program Participants: About 18,000 households served in 2006; 185,834 households served 1996-2006 total

Annual Energy Savings Achieved: 12.8 GWh in 2006; cumulative annual savings 1996-2006 are 149.5 GWh.

Peak Demand (Summer) Savings Achieved: Not available.

Budget: 2007 - \$9.3 million budget, 2006 - \$9.6 million spent

Funding Sources: State legislated system benefit charge funds

Best Person to Contact for Information about the Program

- Robert P. O'Brien, Program Manager
- Phone: 508-421-7280
- Email: Robert.Obrien@us.ngrid.com

*Residential Multifamily Programs
Exemplary Program*

***Multifamily Housing
Efficiency Vermont***

PROGRAM OVERVIEW

Efficiency Vermont's Multifamily Housing initiative provides comprehensive treatment of all end uses to new and existing multifamily buildings. Efficiency Vermont project managers work one-on-one with design teams for all projects. They evaluate all elements that contribute to the overall efficiency and performance of the building, including thermal shell, insulation, windows, space heating, hot water heating, air conditioning, electrical systems, ventilation, appliances, controls, and interactive effects among these systems. Options are assessed and recommendations made, accompanied by cash flow analyses. Financial incentives are negotiated on a case-by-case basis. Construction projects are visited after air sealing and prior to sheet rock installation to ensure that the air sealing details have been handled appropriately. Blower door testing evaluates thermal-shell performance. The goal of this program is buildings that are ENERGY STAR[®] rated, comfortable, affordable, and energy-efficient.

In addition to project-based services, Efficiency Vermont trains contractors and installers on the proper details and techniques for effective air sealing, insulation, and ventilation. Efforts are also made to educate property owners, designers, and installers about these issues to improve their buildings' performance and to maximize energy efficiency.

Financial incentives include bundled efficiency measure packages designed to take advantage of owner investment and to leverage non-electric savings with electric efficiency incentives. The program also offers on-site installation of lighting and water conservation measures directly into multifamily buildings. Directly installed measures include CFLs, faucet aerators, and low-flow showerheads.

PROGRAM PERFORMANCE

Since 2000, Efficiency Vermont's multifamily housing projects have affected over 5,000 units, resulting in cumulative energy savings of more than 18,000 MWh per year and cumulative demand savings of more than 4,000 kW.

In the area served by Efficiency Vermont, there are approximately 16,000 multifamily buildings with approximately 58,000 rental units that consume 235,000 MWh per year of electricity, which is almost 5% of statewide annual energy use.

Within the state, the numbers of multifamily buildings and rental housing units are increasing, as are mixed-use buildings that include commercial or retail space, in addition to residential housing. Excluding Burlington, there were on average 270 new multifamily housing units built

per year in 2003 and 2004. Multifamily new construction and major rehab projects are increasing (from zero in 2000 to a record 666 housing units in the first seven months of 2007), and constitute a steadily growing part of the Efficiency Vermont activity. Since the inception of Efficiency Vermont in 2000, an average of 945 retrofit units have been completed each year, for a total of 7,324 units; for new construction, the average is 373 each year, and 2,901 total.

In both the retrofit and the new-construction markets, the actual dollar amount spent in incentives per unit is at historic or near-historic lows. This trend indicates that customers are buying into efficiency with a higher degree of confidence than in earlier years, and are bearing more of the cost of installing efficiency measures than before.

Efficiency Vermont's payment of incentives is contingent upon a final inspection of the efficiency measures installed. The payment of the incentives then is linked to the savings claimed each year, and which are verified by the Vermont Department of Public Service. The Efficiency Vermont contract with the Vermont Public Service Board is a performance-based contract in which achievement of performance goals is publicly reported.

LESSONS LEARNED

Efficiency Vermont's experience demonstrates the success possible through consistent, comprehensive services provided to new and major renovations of multifamily buildings, historically a market segment that has been difficult to address through utility sector programs. Efficiency Vermont staff are involved early in the construction process, providing design assistance and review. They remain involved throughout the process, also providing on-site technical assistance and inspections of proper installation and operation of building systems and components. Education and training of contractors, property owners, designers, installers and suppliers are integral elements of the program—a key strategy to ensure that these markets sustain the practices necessary to achieve high performance, energy-efficient multifamily buildings. Financial incentives and direct installation are additional program elements that have been important to its success, particularly for low-income properties.

PROGRAM AT A GLANCE

Program Name: Multifamily Housing

Targeted Customer Segment: New construction and major renovations of multifamily buildings.

Program Start Date: 2000

Program Participants: On average 945 major retrofit projects and 373 new construction projects have been completed each program year; For 2000-2007 (partial year)---a total of 7,324 major retrofit projects and 2,901 new construction projects have been completed.

Annual Energy Savings Achieved: 18 GWh cumulative annual to date.

Peak Demand (Summer) Savings Achieved: 4 MW cumulative total to date.

Budget: \$1.3 million in 2006

Funding Sources: Public benefits energy efficiency charges on electricity ratepayers' bills.

Best Person to Contact for Information about the Program:

- Blair Hamilton, Policy Director, Vermont Energy Investment Corp.
- Phone: 802-658-6060, ext. 1024
- Email: bhamilton@veic.org

*Residential Multifamily Programs
Exemplary Program*

***Multifamily Performance Program
New York State Energy Research and Development Authority***

PROGRAM OVERVIEW

As the demand for energy efficiency grows, multifamily residences, including high-rises and apartment buildings being built or rehabilitated, can now earn the ENERGY STAR label. Owners and developers of multifamily dwellings in New York can lower their energy bills and improve a building's comfort, health and safety thanks to the New Construction component of the Multifamily Building Performance Program sponsored by the New York State Energy and Research Development Authority (NYSERDA). Originally started as a pilot program, the New Construction Component of the Multifamily Performance Program began as a set of requirements and guidelines to help developers and architects of multifamily housing achieve the ENERGY STAR rating.

With technical and financial assistance available, the program targets buildings (four floors or more, 5+ units) that are being constructed or significantly rehabilitated. A New York ENERGY STAR[®] Multifamily Building uses at least 20 percent less energy than a building constructed to ASHRAE code and must meet a set of minimum performance standards. Savings and performance standards are achieved through:

- Increased insulation
- High-performance windows and doors
- High-efficiency heating and cooling systems
- Energy-efficient lighting and ENERGY STAR appliances, and
- Innovative technologies such as advanced meters, renewable energy, and combined heat and power systems.

The New Construction Component of the Multifamily Performance Program is administered by NYSERDA. NYSERDA competitively selected Hamilton, Rabinovitz & Alschuler, Inc. (HR&A), an energy consulting firm that specializes in multifamily applications to implement the pilot program and Steven Winter Associates was selected by the developer to act as the energy consultant on the project. TRC Energy Solutions now implements the current Multifamily Performance Program.

The New Construction Component of NYSERDA's Multifamily Building Performance Program is based on modeled building performance to meet ENERGY STAR standards. The Program utilizes any modeling software approved under ASHRAE 90.1 – 2004, Appendix G. In order to receive the ENERGY STAR Label for Multifamily High-Rise buildings, buildings must achieve an energy performance level 20% above ASHRAE 90.1 – 2004 Appendix G, in addition to meeting other criteria. Under the Program, a qualified modeling partner uses modeling software to demonstrate the energy-saving measures and how they compare to a baseline building without

those measures. The modeling partners work directly with the developer and design team to incorporate the energy-efficient options into the proposed building's design. After completion, the partner tests the building and the installed systems to confirm that the final project meets ENERGY STAR standards.

Every building qualifies for a NYSERDA incentive based on the projected energy savings of the building. The incentive can be used to offset the costs associated with hiring and working with a modeling partner, installing energy-efficient measures and verifying that the completed building meets the ENERGY STAR requirements. Buildings that participate in the New Construction Component receive three incentive payments from NYSERDA: (1) a technical assistance incentive, (2) a measure installation incentive, and (3) a performance incentive if higher levels of energy savings are reached.

NYSERDA's program allows development teams to utilize various strategies and designs in order to achieve the performance target. The way the program accomplishes this is to have teams model their proposed building design in the TREAT computer modeling program. The TREAT model is then customized to adhere to ASHRAE 90.1 performance levels. This model is used as a reference against which future models of the building will be measured. The development team then goes on to change that reference model to increase the energy performance. The final model must perform at least 20% better than ASHRAE 90.1 – 2004 Appendix G, and that model is the one that the development team will go on to build.

In addition to requiring increased performance, the New Construction Component addresses minimum performance standards regarding certain criteria or considerations for the following systems: domestic hot water, building envelope, heating and cooling, lighting, metering, motors, and ventilation. Various aspects of these systems must perform better than the requirements put forth in the NYS ECCC, ASTM E779, and ASHRAE 62.2-2003. Certain appliances and fixtures are required to meet or exceed ENERGY STAR performance levels.

The Minimum Performance Standards also require paying close attention to air sealing and infiltration. In order to comply, building's plans must demonstrate a continuous, unbroken air barrier separating the conditioned space of the building from the exterior, unconditioned spaces within the building, non-residential spaces, vented mechanical rooms, mechanical chases opening to unconditioned space, elevator shafts, and garages or other vehicle/equipments storage facilities.

PROGRAM PERFORMANCE

The first building to complete NYSERDA's program is a 54-unit building at 1212 Martin Luther King Boulevard (MLK) in Bronx, NY built by Dunn Development Corp. Dunn worked with an energy consultant, Steven Winter Associates, to determine at least a dozen energy efficiency measures that were incorporated into the design of 1212 MLK.

An important element of NYSERDA's program design is that buildings are able to meet the performance targets without employing experimental technologies. This program is pushing the

market to focus on the fundamentals of energy-efficient design, construction and operation, including:

- accurate modeling and simulation of building performance to develop high performance designs,
- proper sizing and efficient design of all building systems, particularly HVAC and lighting (including control systems);
- ensuring that construction is completed the way projects and systems were designed and specified; and
- monitoring and verifying predicted performance levels.

The full evaluation of the pilot is currently underway with detailed results available in the 2008. Three initial projects, however, have demonstrated some early results. In general, the incremental costs of the energy efficient measures achieving the performance target average 2.8% of the projects' initial construction budgets. This translates into approximately \$5 per gross heated square footage of the projects. The energy savings are projected to be over 4,000 MMBtu per year in gas savings and nearly 94,000 kWh in electricity saving per year. Additionally, the three projects are collectively expected to save over \$74,000 a year in total energy costs.

LESSONS LEARNED

The Multifamily Performance Program is one of the first programs of its kind in the nation---a program addressing the design, construction and operation of large multifamily buildings to earn ENERGY STAR® labeling. There were originally 11 projects participating in the pilot. There are now 45 new projects that have applied to the New Construction Component under the Multifamily Performance Program of which 26 are affordable housing projects. The Program aims for an energy savings of 20% percent or better through high-performance design and installed measures. The requirements also further improve quality and value of the building. In addition, better health and safety features allow for better indoor air quality.

Lower operating costs and improved health safety ENERGY STAR multifamily buildings appeal to building owners, management, and residents. In addition, architects, engineers, and others in the design community can implement the ENERGY STAR guidelines without affecting the aesthetics or design of the building. The market sees value in the ENERGY STAR label.

The ENERGY STAR label had previously been unavailable to high-rise residential projects. The work of NYSERDA's pilot and subsequent program will be evaluated by the EPA to direct a nationwide launch of such a label. The program's methodology retains needed flexibility on the part of the developer to achieve the target, work within budgets for both market-rate and low-income housing, and install advanced technologies when feasible.

NYSERDA's efforts are being used to develop similar programs in other states. The same methodology used in NYSERDA's pilot and program is being used in both Wisconsin and Oregon as part of the national pilot to test the ENERGY STAR label for multifamily protocols. The entire purpose of this effort is to demonstrate a consistent set of protocols that will be

applicable nationwide to support a full roll-out of the ENERGY STAR label to high-rise residential projects.

PROGRAM AT A GLANCE

Program Name: Multifamily Performance Program

Targeted Customer Segment: Multifamily buildings (four stories and higher with five units or more)

Program Start Date: Nov 2006
(Pilot Start Date: 2004)

Program Participants: Eleven building projects in pilot with another 45 new projects currently in the program.

Annual Energy Savings Achieved: For 3 completed projects the savings are estimated to be 4,000 MMBtu/year of natural gas and 94,000 kWh of electricity

Peak Demand (Summer) Savings Achieved: [Not calculated for pilot projects]

Other Measures of Program Results to Date:

- 36 Multifamily Performance Partners recruited
- Nearly \$2 million in NYSERDA incentives provided to three pilot projects

Budget: \$8,000,000 (2007)

Funding Sources: New York state systems benefits charges

Best Person to Contact for Information about the Program

- Michael Colgrove
- Phone: 212-971-5342 ext. 3006
- Email: mtc@nysesda.org