New York State Energy Research and Development Authority

Green Jobs – Green New York December 2015 Monthly Update

Period ending December 31, 2015

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Program Description

Green Jobs – Green New York provides funding for energy assessments, low-cost financing for energy upgrades, and technical and financial support to develop a clean energy workforce. GJGNY is a statewide effort to strengthen communities through energy efficiency and uses constituency-based organizations to support program outreach in underserved communities. GJGNY enables New Yorkers to make a significant difference in homes, businesses and neighborhoods—making them more comfortable, more sustainable, and more economically sound. GJGNY is administered by NYSERDA and made available by the Green Jobs – Green New York Act of 2009.

1 Workforce Development

The Green Jobs – Green New York Program supports a broad range of education and training programs aimed at creating an experienced green collar workforce. This workforce will have the relevant skills and credentials needed to support New York State's growing clean energy economy. The workforce training programs help meet the demand for energy efficiency and renewable energy measures and technologies. Through public-private partnerships, Workforce Development Programs fund the development and delivery of cutting-edge training programs, and provide financial support to those who wish to pursue new career training, professional certifications and critical on-the-job training.

Training Program Updates

Clean Energy Technical Training

Through December 2015, NYSERDA's GJGNY training partners have trained over 3,800 individuals in courses including solar thermal installation, introductory photovoltaic training, advanced air sealing, pressure diagnostics, Building Performance Institute (BPI) Basic Air Sealing and Insulation, oil heat technology, and thermography. The vast majority of NYSERDA's GJGNY-funded training partnership agreements concluded by December 31, 2015 with just two remaining training contract in 2016.

SUNY Ulster's Agreement was extended through December 2016. They will continue to offer a suite of Building Performance Institute courses as well as ASHRAE 62.2-13; Manual J, D, S & T training; Certified Green Product Technician; Electrical Basics for HVAC Contractors; and Confined Spaces for Contractors.

The 32 BJ Training Fund is being extended into early 2016 so that the Contractor can complete a series of videos on building systems from an analyst's perspective.

The Clean Energy Certifications and Accreditation Incentives Program Opportunity Notice (PON 2397), an open enrollment solicitation providing BPI exam fee reimbursement to individuals across New York, will remain open through 2016 or while funds remain available.

2 Outreach and Marketing

GJGNY Outreach and Marketing provides for community-based outreach, enabling one-on-one assistance with the process of participating in the GJGNY Program. This, combined with both print and electronic statewide marketing initiatives, increases the reach of the program, particularly among disadvantaged populations and those not traditionally participating in energy-efficiency programs.

2.1 Outreach Activities

Constituency-based organizations (CBOs) continue to assist customers to access the Home Performance with ENERGY STAR program (HPwES) offered through Green Jobs-Green New York. Through December 2015, CBOs are responsible for 6,289 completed assessments resulting in 1,890 completed retrofits. Approximately 50 percent of those retrofits were for Assisted HPwES customers who have a household income of up to 80 percent of the county median income, which is the target market for CBOs. The remaining 50 percent of customers reached by CBOs are higher income households.

Figure 2-1. CBO Percentage of GJGNY Completed Assessments.

Figure 2-1 provides percentages of GJGNY residential assessment completions by quarter that were initiated by CBOs versus other sources, such as home performance contractors or online searches.

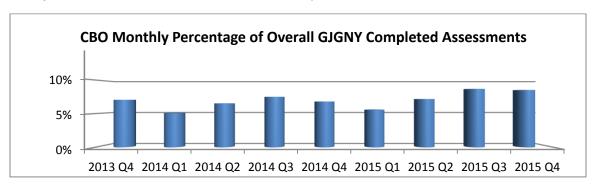


Figure 2-2. CBO Percentage of GJGNY Unit Completions.

Figure 2-2 provides percentages of project (by number of units) completions by quarter that were initiated by CBOs.

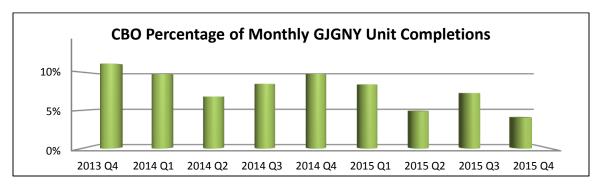
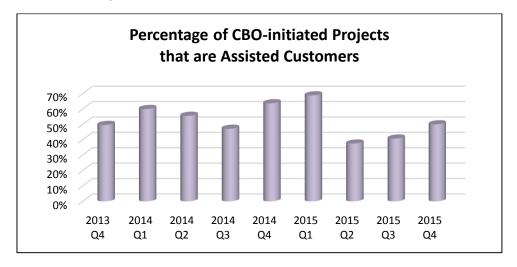


Figure 2-3. Percentage of CBO-initiated Projects that are Assisted Customers.

Figure 2-3 provides percentages of project completions for Assisted Home Performance customers by quarter that were initiated by CBOs.



Innovative Outreach

As a result of residential outreach in the PUSH Green Friends and Neighbors Program, PUSH Buffalo added an aggregation cluster during December. Long Island Progressive Coalition also added a cluster and continues to work on their initiative to aggregate through their strategic partnership with the Long Island Presbytery Board of Trustees.

PUSH's small commercial outreach continued to gain ground with six projects in the pipeline during December. PUSH credits their success in small business outreach to the availability of NYSERDA's Small Commercial On-Bill Recovery loan offered through Pathstone Enterprise Center Inc. Historically, businesses in Buffalo, especially in LMI communities, have found financing energy efficiency projects extremely challenging. When promoting small commercial retrofits, PUSH Buffalo reports small business owners respond favorably to NYSERDA's On-Bill Recovery and Smart Energy loan options.

CBO Meetings

On December 3, the Training and Implementation Contractor (TIC) presented a CBO webinar *Understanding the Audit Report*, which was developed with additional guidance from NYSERDA's Home Performance with ENERGY STAR team. With the advent of the new modeling software, this webinar gave CBO staff an overview of the approved modeling software comprehensive home assessment reports and how to interpret the information presented to homeowners. CBO's from across the state were able to walk through the audit information and ask questions in a group setting.

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On December 17, the TIC participated in the Multifamily Performance Program partner webinar in order to keep the CBO coordinators abreast of developments within the Multifamily Performance partner program that may impact the CBO outreach.

One- to Four-Family Residential Buildings Program

GJGNY provides home assessments and financing to support energy efficiency and renewable energy improvements to one-to-four family homes.

NYSERDA's Home Performance with ENERGY STAR® (HPwES) program offers homeowners in New York State a comprehensive approach to improving energy efficiency and home comfort while saving money. Participating Home Performance contractors accredited by the Building Performance Institute (BPI) conduct energy assessments and upgrades. Income-qualified homeowners are eligible for additional incentives to make energy improvements.

The GJGNY loan also supports deployment of solar photovoltaic (PV) through the NY-Sun program, solar thermal (hot water) systems, and certain wood and pellet stove replacements through Renewable Heat NY.

3.1 Home Performance with ENERGY STAR® Assessments

Through December 2015, from the 112,964 approved assessment applications, 86,030 (76 percent) assessments have been completed. In the month of December, 2,180 free/reduced-cost comprehensive home energy assessment applications were received. The Program-to-date conversion rate from assessment to energy retrofit is 31 percent. The 2015 conversion rate from assessment to energy retrofit was a robust 41 percent. The average cycle time between assessment completion to project completion is 110 days.

Table 3-1. Home Performance with ENERGY STAR Assessments.

Table 3-1 provides HPwES monthly and cumulative assessment figures.

Timefram	e	CBO Initiated since 11/1/11a	GJGNY Totals since 11/15/10 b
	Received Audit Ap		
Decembe	-	164	2,180
Program to [Date	9,816	118,979
Average Number of Applications	Received per Month	192	1,935
	Approved Audit Approved Approved Audit Approved Approved Audit App	pplications	
	Free		
Decembe	r	177	2,200
Program to [Date	9,267	104,445
	Reduced C	ost	
Decembe	r	10	159
Program to [Date	527	8,519
Total Approved Audit Applicatio	ns	9,794	112,964
Average Number of Applications	Approved Per Month	192	1,837
	Scheduled A	udits	
Scheduled Audits as of End of C	Surrent Month	122	6,370
	Completed A	udits	
		Free	
	December	158	1,745
Goal: (77,500-Audits)	Program to Date	5,939	79,725
Coan (11,000 / taallo)		Reduced C	ost
	December	10	124
	Program to Date	350	6,305
Total Completed Audits		6,289	86,030
Audit Funds Invoiced to Date			\$21,966,020.00
^a Round 2 CBO production as of 6/1/2012. ^b GJGNY totals since 11/15/10 are inclusive			

GJGNY totals since 11/15/10 are inclusive of CBO initiated activities.

3.2 Home Performance with ENERGY STAR® Projects

Of the 24,178 projects completed through HPwES resulting from a GJGNY assessment and/or GJGNY financing, 7,766 (32 percent) projects are associated with income-qualified customers who have a household income of up to 80 percent of the county median income.

In December 2015, there were 942 HPwES project completions, of which 766 (81 percent) were associated with a GJGNY assessment or loan. Thirty-six percent of the December GJGNY HPwES project completions were for income-qualified customers who have a household income of up to 80 percent of the state or county median income.

Table 3-2. Home Performance with ENERGY STAR Projects.

Table 3-2 provides HPwES monthly and cumulative project figures.

Timeframe	CBO Initiated since 11/1/11	GJGNY Totals since 11/15/10 ^a	HPwES Totals since 11/15/10 ^b
	Projects	Contracted	
To Date	1,931	24,664	NA
	Completed I	Projects/Units ^c	
	Ass	sisted	
December	4/7	276/ 282	407 / 415
Program to Date	800 / 954	7,766 / 8,158	13,254 / 13,819
	Mark	et Rate	
December	3 / 4	490 / 492	535 / 537
Program to Date	864 / 936	16,412 / 16,596	21,082/ 21,319
Total Completed Projects/Units (Project Goal: 25,000)	1664 / 1890	24,178 / 24,754	34,336/ 35,138

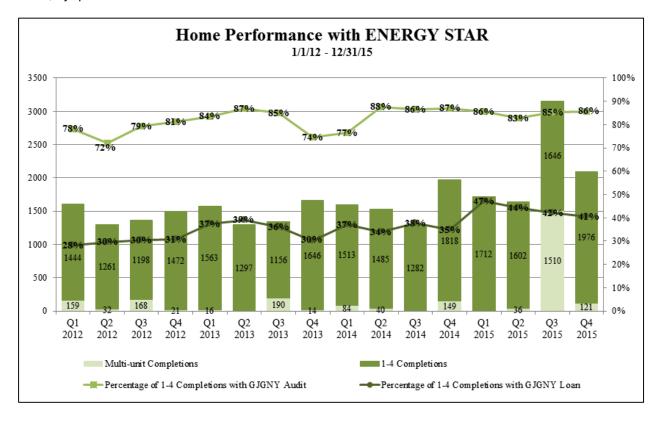
^a Projects completed resulting from a GJGNY Audit and/or GJGNY Financing.

b Total HPwES including GJGNY Projects.

c Projects completed and units served resulting from GJGNY.

Figure 3-1. Home Performance with ENERGY STAR Completions, Quarterly.

Figure 3-1 illustrates trends in HPwES project completions associated with GJGNY assessments or loans, by quarter.



3.3 One- to Four-Family Residential Buildings Financing

GJGNY provides two loan options for consumers: On-Bill Recovery (OBR) loans, which enable customers to make payments through their utility bills; and Smart Energy loans, unsecured loans that are paid back directly to NYSERDA's loan servicing contractor. Both loans offer expanded credit qualification criteria (Tier 2) enabling some applicants who would not qualify for a loan based on more traditional criteria (Tier 1) to qualify for GJGNY loans.

As of December 31, 2015, 12,312 Residential GJGNY Loans have closed to date, comprising of 9,703 Home Performance with Energy Star® (HPwES) loans, 2,603 Photovoltaic (PV) loans, 2 Solar Thermal (ST) loans and 4 Renewable Heat NY (RHNY) loans. Of the 12,312 total loans closed, 14.3 percent are Tier 2 customers, representing 14.2 percent of the total funds, while 85.7 percent are Tier 1 customers representing 85.8 percent of the funds.

Of the 9,703 HPwES loans closed to date, 29.4 percent are for Assisted HPwES customers, representing 22 percent of the total funds; while 70.6 percent are for Market Rate customers representing 78 percent of the total funds; 14.4 percent are Tier 2 customers, representing 13.9 percent of the total funds, while 85.6 percent are Tier 1 customers representing 86.1 percent of the funds. Of the loans closed for Assisted HPwES customers, 73.4 percent are Tier 1 loans, while 26.6 percent are Tier 2.

Since the launch of On-Bill Recovery, 29.2 percent of the Assisted HPwES customers who access financing use OBR Loans, while 35.8 percent of the Market Rate HPwES customers who access financing use OBR Loans; 29.7 percent of Tier 2 customers use OBR Loans while 34.6 percent of Tier 1 customers use OBR Loans.

Table 3-3. Green Jobs-Green New York Financing Details.

Table 3-3 provides cumulative details of the Green Jobs–Green New York financing program. EE= energy efficiency only. PV = PV only. EE & PV = a loan incorporating both energy efficiency and PV. RH = renewable heat (pellet or wood stoves).

GJGNY Loan Type	Applications Received (Number)	Applications Approved (Number)	Loans Closed (Number)	Loans Closed (Dollars)	Loans Awaiting Closing (Number)	Loans Awaiting Closing (Dollars)
EE Smart Energy Loan	14,228	10,334	6,779	\$64,395,719	778	\$7,440,917
EE On-Bill Recovery Loan	8,134	5,388	2,924	\$32,984,799	187	\$3,001,509
Total	22,362	15,722	9,703	\$97,380,518	965	\$10,442,426
PV Smart Energy Loan	2,611	2,402	1,262	\$21,700,252	506	\$8,214,906
PV On-Bill Recovery Loan	3,719	3,180	1,329	\$23,211,792	567	\$9,214,696
Total	6,330	5,582	2,591	\$44,912,044	1,073	\$17,429,602
EE & PV Smart Energy Loan	64	47	9	\$155,350	3	\$55,563
EE & PV On-Bill Recovery Loan	187	101	3	\$67,843	3	\$64,442
Total	251	148	12	\$223,192	6	\$120,006
RHNY Smart Energy Loan	9	9	3	\$60,350	4	\$38,719
RHNY On-Bill Recovery Loan	1	1	1	\$13,445	0	\$0
Total	10	10	4	\$73,795	4	\$38,719
ST Smart Energy Loan	2	2	2	9,725	0	0
ST On-Bill Recovery Loan	0	0	0	0	0	0
Total	2	2	2	\$9,725	0	\$0
Grand Total	28,955	21,464	12,312	\$142,599,275	2,048	\$28,030,753

Table 3-4. Green Jobs-Green New York Financing Summary.

Table 3-4 provides a cumulative summary of Smart Energy Loan and On-Bill Recovery Loan activity.

Smart Energy		Financing Summary	On-Bill Re	ecovery	
Tier 1	Tier 2	Tillaticing Summary	Tier 1	Tier 2	
6,878	1177	Loans Closed	3,669	588	
\$73,813,918	\$12,507,478	Value	\$48,585,292	\$7,692,586	
\$10,732	\$10,627	Average Loan	\$13,242	\$13,083	
13.1 Years	14 Years	Average Term	14.6 Years	14.7 Years	
N/A	N/A	2.99%	22.32%	15.82%	
84.62%	81.99%	3.49%	77.68%	84.18%	
15.38%	18.01%	3.99%	N/A	N/A	
78.8	31%	Approval Rate*	75.87%		
16.7	74%	Denial Rate*	20.07%		
4.4	4%	Denied Tier 1, didn't pursue Tier 2*	4.06%		
* Does not include app	lications pending review	or withdrawn.			

Figure 3-2 illustrates the rate of applications received for GJGNY Smart Energy Loans and GJGNY On-Bill Recovery Loans, by quarter.

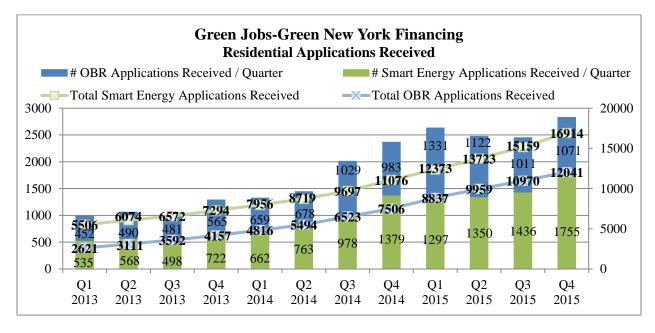


Figure 3-2. Green Jobs-Green New York Financing Applications Received, Quarterly.

Figure 3-3. Green Jobs-Green New York Financing Loans Issued by Type, Quarterly.

Figure 3-3 illustrates the rate of loans issued for GJGNY Smart Energy Loans and GJGNY On-Bill Recovery Loans, by quarter.

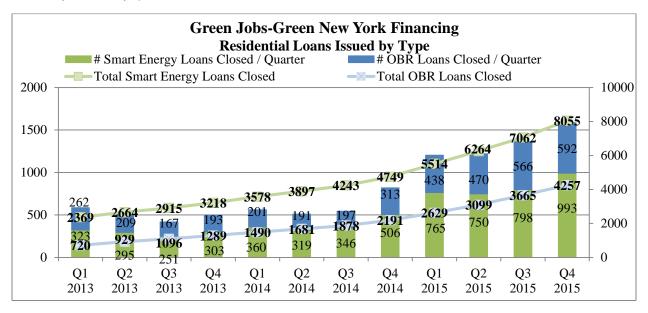


Figure 3-4. Green Jobs-Green New York Financing Loans Issued by Tier, Quarterly.

Figure 3-4 illustrates trends in GJGNY loans issued, distinguished between Tier 1 and Tier 2 loans, by quarter.

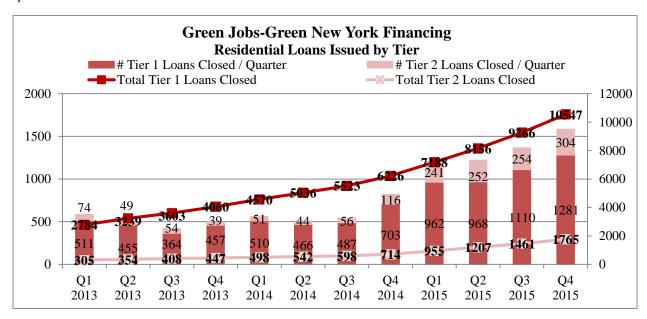


Figure 3-5. Green Jobs-Green New York Financing Loans Denied by Type, Quarterly.

Figure 3-5 illustrates trends in GJGNY loan denials, distinguished between Smart Energy Loans and On-Bill Recovery Loans, by quarter.

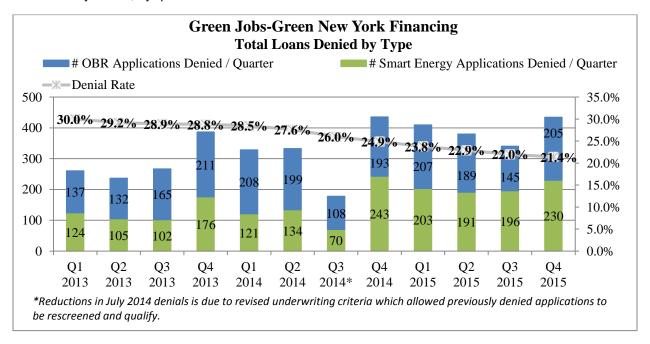


Figure 3-6. Green Jobs-Green New York Financing Loans Denied for Debt-to-Income Ratio, by Region.

Figure 3-6 illustrates regional differentiation for received GJGNY loan applications and loan denial rates. Over time, the loan denial rate across all regions has dropped from 39.8 percent in November 2010 to 21.4 percent in December 2015.

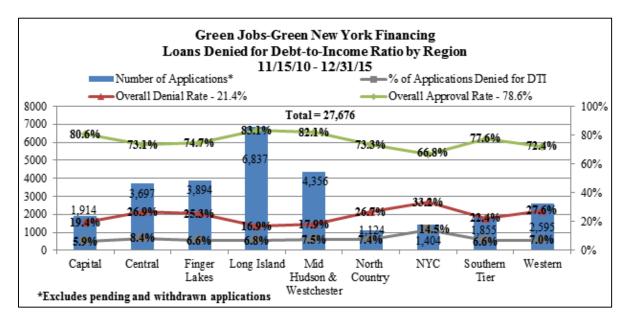


Figure 3-7. Green Jobs-Green New York Financing Percentage of Applications Denied, comparative by quarter.

Figure 3-7 illustrates comparative quarterly changes in loan denial rates. The four regions displayed represent those with the highest denial rates in the program.

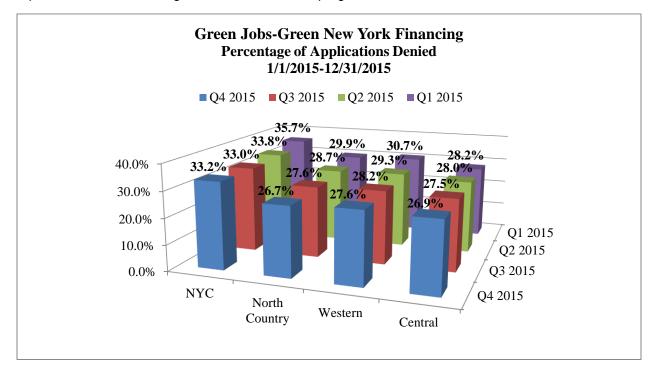


Table 3-5. Green Jobs-Green New York Financing Loans Transferred from OBR to Smart Energy.

NYSERDA allows applicants whose projects are unable to meet the cost-effectiveness requirements of the On-Bill Recovery (OBR) loan product transfer to the Smart Energy loan product. Table 3-5 illustrates the transfer activity between the On-Bill Recovery and Smart Energy loan products. In December 2015, 105 loans were transferred from OBR to Smart Energy. Over the life of the program, 17.5 percent of preapproved OBR loans were transferred to Smart Energy loans.

Smart Energy Loan Status	Cumulative Number of Loans
Pre-Approved	180
Loan Approved	1207
Loan Sold	1,302
Loan Withdrawn	124
Loan Denied	23
No Loan - Subsidy Only	4
Total Number of Loans Transferred	1,840

3 Multifamily Energy Performance Portfolio

NYSERDA offers a portfolio of programs and incentives for owners, facility managers, developers, and condo/co-op boards of multifamily buildings with five or more units in New York State. NYSERDA's programs make it easier to assess, fund, implement, and measure energy efficiency upgrades that improve building performance and save money.

4.1 Multifamily Energy Performance Assessments

Through December 2015, from the 333 approved assessment applications, 304 (91 percent) assessments have been completed.

Table 4-1. Multifamily Energy Performance Assessments.

Table 4-1 provides Multifamily Performance monthly and cumulative assessment figures.

Metric		December		Cumulative			
	Affordable Housing	Market Rate Housing	Monthly Total	Affordable Housing	Market Rate Housing	Program Total	Budget/ Goal
Received Assessment Applications	0	0	0	193	140	333	
Approved Assessment Applications	0	0	0	193	140	333	500
Assessment Funds Encumbered (\$)	0	0	0	2,342,960	1,120,987	3,463,947	
Assessment Funds Invoiced (\$)	0	0	0	1,291,100	\$694,930	1,986,030	3,000,000
Completed Assessments	0	0	0	170	134	304	400
Number of Projects Withdrawing from MPP after Assessment*	0	0	0	17	29	46	

^{*}MPP Projects must achieve a minimum of 15 percent in energy savings. Projects may choose to proceed outside MPP. Some may chose smaller work scopes which will not achieve program standard and thus not be eligible for MPP and some may elect to access utility incentives. If energy efficiency projects are completed, building owners that have an authorized assessment would still be eligible to apply for GJGNY financing.

4.2 Multifamily Energy Performance Projects

Through December 2015, the Multifamily Energy Performance Program has completed 32,894 housing units with installed measures. Of those units with installed measures, 15,539 (47 percent) are associated with affordable housing.

Table 4-2. Multifamily Energy Performance Projects.

Table 4-2 provides Multifamily Performance monthly and cumulative project figures.

Metric		December		Cumulative			
	Affordable Housing	Market Rate Housing	Monthly Total	Affordable Housing	Market Rate Housing	Program Total	
Projects in Pipeline*	0	0	0	193	140	333	
Projects Contracted to have Measures Installed	0	0	0	193	140	333	
Households Associated with Projects Contracted	0	0	0	32,785	32,817	65,602	
Projects with Installed Measures (units)	0	0	0	15,539	17,355	32,894	
kWh Savings of Installed Measures	0	0	0	13,810,878.6	4,103,148.2	17,914,027	
MMBtu Savings of Installed Measures	0	0	0	198,280.1	177,455.9	375,736	
Dollar Savings of Installed Measures	0	0	0	\$9,611,178.24	\$7,147,540.00	\$16,758,718.24	

^{*}Projects that receive GJGNY-supported assessments and/or financing may also receive incentives through the System Benefits Charge (SBC), Energy Efficiency Portfolio Standard (EEPS), Regional Green House Gas Initiative (RGGI), and/or utility programs, such that the projects' energy savings may not all be attributable solely to GJGNY.

^{**}The projects in pipeline program total includes all projects that are part of GJGNY, inclusive of those projects that dropped out.

4.3 Multifamily Energy Performance Financing

As of December 2015, the Multifamily Performance Program has closed 16 loans with a total value of \$10,416,508. NYSERDA's share of that total loan value is \$3,289,451.

Table 4-3. Multifamily Energy Performance Financing.

Table 4-3 provides Multifamily Performance monthly and cumulative financing figures.

Loan Status	December			Cumulative		
			Total Loan Value	Number	NYSERDA Share of Total Loan Value	Total Loan Value
Participation Agreements Approved	0	\$0	\$0	21	\$4,403,520	\$9,243,688
Loans Closed	0	\$0	\$0	16	\$3,438,883	\$10,520,238

5 Small Commercial Energy Efficiency Program

NYSERDA's Small Commercial Energy Efficiency Program offers financial and technical assistance to help small businesses and not-for-profit organizations improve their energy efficiency and reduce their energy costs. This program offers free assessments to help identify economically viable improvements, (e.g. lighting, motors or thermostats) that may yield substantial annual energy savings and two low-interest loan options to finance energy efficiency projects. The first one is On-Bill Recovery Financing, which makes it possible for small businesses and nonprofits to use the savings on their energy bills to pay for their energy efficiency upgrades. The second one is the Participation Loan, where NYSERDA partners with lenders across New York State to help small businesses and nonprofits access low-interest financing for energy efficiency improvements.

The Small Commercial Energy Efficiency Program continues to improve processes and services that enable Program participants to increase project installations resulting from energy assessments. This includes improving the communication of energy assessment results to small business and nonprofit customers, providing additional follow-up services to support implementation, and increasing outreach to lenders in order to raise lender awareness and increase lender participation in Small Commercial Energy Efficiency Financing made available by GJGNY. In addition, eligible small business and not-for-profit customers participating in NYSERDA's NY-Sun Solar PV Incentive Program can now access low-interest GJGNY financing to install solar PV systems of up to 200 kW.

5.1 Small Commercial Energy Efficiency Assessments

Through December 2015, the Small Commercial Energy Efficiency Program has received 3,962 assessment applications. Of those received applications, 3,616 (91 percent) have resulted in completed assessments.

Table 5-1. Small Commercial Energy Efficiency Assessments.

Table 5-1 provides Small Commercial Energy Efficiency monthly and cumulative assessment figures.

Metric	December			Program Cumulative		
	GJGNY	ARRA*	Monthly Total	GJGNY	ARRA*	Program Total
Received Assessment Applications	54	0	54	3,082	934	4,016
Completed Assessments	62	0	62	2,829	849	3,678

^{*}The GJGNY Act of 2009 restricts the provision of GJGNY-funded energy assessments to small business and not-for-profit organizations with 10 employees or less. American Recovery and Reinvestment Act of 2009 (ARRA) funds were used for eligible small business and not-for-profit organizations that have more than ten employees. ARRA funding expired on September 30, 2013.

5.2 Small Commercial Energy Efficiency Projects

Through December 2015, the Small Commercial Energy Efficiency Program estimates 723 project completions as a result of GJGNY funded assessments.

Table 5-2. Small Commercial Energy Efficiency Projects.

Table 5-2 provides an estimate of Small Commercial Energy Efficiency monthly and cumulative project figures.

Metric	December	GJGNY Program Cumulative				
Estimated Projects Completed*	15	742				
*The 2015 Small Commercial Energy Efficiency Program Impact Evaluation found that 44% of the energy savings						
recommended through program audits were reported to be implemented. Estimated projects completed are						

5.3 Small Commercial Energy Efficiency Financing

inclusive of those that used ARRA funds referenced in Table 5-1 above.

Through December 2015, the Small Commercial Energy Efficiency Program has closed 28 loans with a total value of \$1,478,401. NYSERDA's share of that total loan value is \$790,072.

Table 5-3. Small Commercial Energy Efficiency Financing.

Table 5-3 provides Small Commercial Energy Efficiency monthly and cumulative financing figures.

Loan Status	December			Program Cumulative		
	Number	NYSERDA Share of Total Loan Value	Total Loan Value**	Number	NYSERDA Share of Total Loan Value	Total Loan Value**
Applications Approved*						
Participation Loans	4	\$23,807	\$47,612	91	\$1,970,756	\$4,281,303
On-Bill Recovery	4	\$47,612	\$47,612	53	\$1,686,106	\$2,312,963
Loans Closed						
Participation Loans	2	\$63,848	\$145,000	25	\$836,012	\$1,751,444
On-Bill Recovery	0	\$0	\$0	14	\$344,852	\$421,869
Total**	2	\$63,848	\$145,000	39	\$1,180,864	\$2,173,313

The Small Commercial Energy Efficiency Financing Program has 13 participating lenders.

^{*} Customer applications are assessed for both Participation Loan and On-Bill Recovery Loan eligibility prior to approval. Approved application values are inclusive of loans that have moved forward to closure.

^{**}The total loan value represents the total value of the loan issued by the lender to the borrower. The total loan value may include financing for non-energy efficiency projects. NYSERDA's share of the total loan value represents 50 percent of the total energy efficiency project cost or \$50,000, whichever is less.

6 Evaluation

The overarching goals of Evaluation are to provide objective and credible information that supports optimum program operation and outcomes, as well as program accountability. Three major types of evaluation are implemented for the GJGNY program. Process evaluation provides information to support program operations by addressing program efficiency and effectiveness, satisfaction and barriers to participation, among other issues. Impact evaluation provides information to help understand actual program impact and improve energy impact estimates, including economic, environmental, and non-energy benefits; in doing so it supports program accountability. Market evaluation also provides information to support program operations and accountability by characterizing and assessing target markets for programs.

Evaluation Activities Currently Underway

Three evaluations are nearing completion.

- The evaluation of the Home Performance with ENERGY STAR (HPwES) program, which includes a process evaluation, market characterization, and an analysis of CBO efforts is nearing completion. Preliminary results were presented to program staff for review and comment. NYSERDA anticipates finalizing the report in February 2016.
- As a part of the impact evaluation of the HPwES program, the evaluators are seeking to assess the
 energy-related impacts of GJGNY audit-only participants. Evaluation contractors conducted a
 pre- and post-consumption billing analysis, which assessed the energy saving impacts associated
 with homeowners who received a GJGNY audit and did not pursue participation in the
 NYSERDA residential programs. NYSERDA received comments from program staff on the
 evaluation results and is working toward having the evaluation results available in February 2016.
- The evaluation of the Small Commercial Energy Efficiency Program quantified the measure
 adoption rate over time, assessed the degree of program influence on the participant decision
 making and the proportion of installed measures for which customers accessed other NYSERDA
 funding. The report was finalized in December 2015 and is being prepared for publication on the
 NYSERDA website.