

New York State Energy Research and Development Authority

Green Jobs – Green New York May 2015 Monthly Update

Period ending May 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 May 2015, NYSERDA’s GJGNY training partners have trained 3,283 individuals in courses including solar thermal installation, introductory photovoltaic training, advanced air sealing, pressure diagnostics, Building Performance Institute (BPI) Basic Air Sealing and Insulation, oilheat technology, and thermography. Training partnerships include public and private educators, professional associations, and not-for-profits. In addition, NYSERDA supports individuals in earning BPI certifications under the open enrollment Clean Energy Certifications and Accreditation Program Opportunity Notice (2397)—many of whom complete field testing at NYSERDA-sponsored pressure houses across the state.

Most GJGNY-funded training contracts have concluded. Community Power Network (CPN) delivered two training courses in May 2015, completing their contract deliverables under GJGNY. Both sessions were offered in Glens Falls, NY and included National Oilheat Research Alliance (NORA) Silver and NORA Tank, with six students completing training under each session. Under its GJGNY agreement, CPN trained a total of 784 individuals, far exceeding their contract goal of 510. Additionally, the response to the training has been enthusiastic, with oilheat technicians giving very positive feedback and indicating interest in any future training opportunities.

On-the-Job Training for Clean Energy

The GJGNY-funded portion of the on-the-job training program concluded in December 2014 and resulted in the direct hire of 263 New Yorkers for technical jobs in the energy efficiency and renewable energy fields and an additional 262 direct hires using System Benefits Charge funds.

The program was cited in a May 2015 joint report by the New York Association of Training and Education Professionals and Center for an Urban Future titled *Seeking a State Workforce Strategy*¹ as one of the few state-funded, sector-specific workforce efforts in recent years:

“State investments in customized training have been few and far between. One initiative began in 2009, when the New York State Energy Research and Development Authority (NYSERDA) launched Green Jobs-Green New York (GJGNY), which included support for partnerships offering customized and on-the-job training (OJT) for skills in the growing clean economy such as weatherization and solar panel installation. To achieve the goals of GJGNY, NYSERDA collaborated with NYSDOL and local workforce areas to provide OJT for businesses to train new hires in sustainability skills.”

¹ New York Association of Training and Education Professionals and Center for an Urban Future. *Seeking a State Workforce Strategy*. May 2015. <http://www.nyatep.org/#!research--publications/c119i>.

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

Community-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 May 2015, CBOs are responsible for 5,270 completed assessments resulting in 1,528 completed retrofits. Approximately 52 percent of those retrofits were for Assisted HPwES customers who have a household income of up to 80 percent of the county median income.

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.

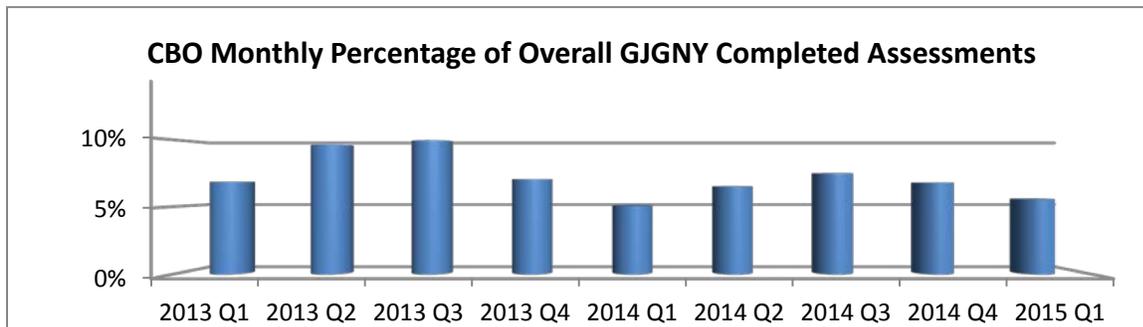
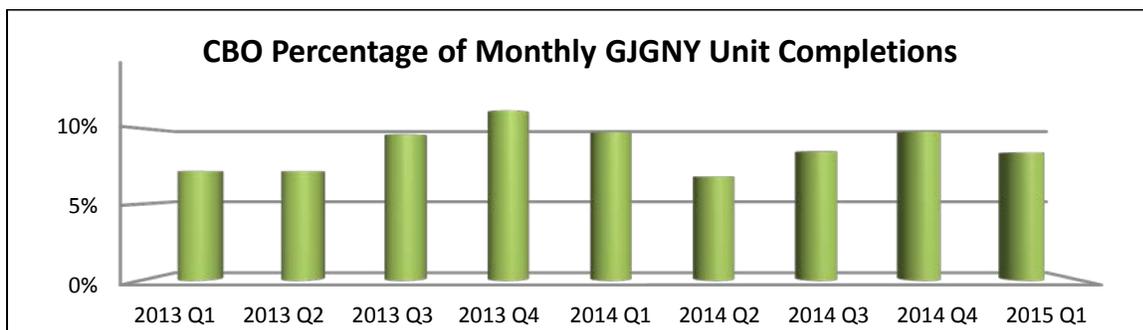


Figure 2-2. CBO Percentage of GJGNY Unit Completions.

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



Downstate CBO meeting

A downstate CBO meeting was held on May 20, 2015 at the Green Jobs Training Center in Howard Beach, Long Island. Topics included: the Energy Champions Program, a reminder to update CBO events on the SharePoint calendar, NYSERDA's invoicing protocol, in-depth consideration of a possible downstate "Solarize" aggregation pilot, and discussion on how to manage customer concerns. A draft of the Solarize Bulk Pricing Pilot as well as a mock example of a Discounted Pricing Pilot Request for Proposals was distributed to share with contractors. After the general meeting, the Green Jobs Training Center provided a full-day building science training to the attending CBO staff.

Bi-monthly CBO Webinar

The bi-monthly CBO webinar was held on May 28, 2015. Topics covered include:

- Solar thermal primer – Luke Forster and Frank Mace, NYSERDA,
- Overview of Pathstone and Town of Canandaigua partnership, retooling to increase effectiveness – Scott Oliver, PathStone,
- PUSH Solarize aggregation model– Clarke Gocker, PUSH,
- Updates on: NYSERDA's Community Working Group, contract extension expectations for metrics and deliverables, updates to HPwES eligible measures, updating the CBO SharePoint calendar, OJT funds for solar thermal, heat pump and biomass system design and Installation.

CBO Recommendations

In May 2015, the Outreach Program team utilized the GJGNY CBO Compilation of Home Performance with ENERGY STAR® Procedural Issues and Potential Solutions document, which was used as the foundation of the May 1, 2014 CBO roundtable, as the foundation of a new document with additional CBO recommendations on issues including: tracking CBO attribution and aggregation in the NY HP Portal, recent EmPower application communication issues, and other issues of concern.

Incorporating Energy Efficiency into Solarize Campaign

On May 12, 2015, the Training Implementation Contractor (TIC) attended the third Capital District Regional Planning Commission Regional Solarize Meeting. The monthly meeting was hosted by NYSERDA's Community Solar marketing contractor, SmartPower. The workshop covered Solarize marketing and strategy. Five local Solarize campaigns were in attendance. Solarize Albany is currently working with Affordable Housing Partnership, the CBO servicing the Capital Region, to incorporate energy efficiency into their solar aggregation program. The other four attending Solarize campaigns currently have not incorporated energy efficiency into their campaign due to staffing capacity to track

leads and/or knowledge of the NYSERDA residential energy efficiency programs. The TIC will continue to work with the Commission to develop a method for sharing leads interested in pursuing energy efficiency.

2.2 Marketing Activities

NYSERDA continues to assist CBO's with updating their logos to be in compliance with the statewide rebranding effort. Ongoing print marketing initiatives include the production and distribution of brochures and related promotional materials intended to expand the reach of the Green Jobs-Green New York Program. Ongoing electronic marketing initiatives include the maintenance of a CBO Locator webpage that assists customers in finding a participating CBO in their region.

3 One- to Four-Family Residential Buildings Program

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.

3.1 Home Performance with ENERGY STAR® Assessments

Through May 2015, from the 96,955 approved assessment applications, 73,722 (76 percent) assessments have been completed.

In the month of May, 2,121 free/reduced-cost comprehensive home energy assessment applications were received. The conversion rate from assessment to energy retrofit remains strong at 32 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.

Timeframe	CBO Initiated since 11/1/11 ^a	GJGNY Totals since 11/15/10 ^b	
Received Assessment Applications			
May	170	2,121	
Program to Date	8,506	101,658	
Average Number of Applications Received per Month	198	1,865	
Approved Assessment Applications			
Free			
May	175	2,269	
Program to Date	7,832	89,527	
Reduced Cost			
May	15	192	
Program to Date	438	7,428	
Total Approved Assessment Applications	8,270	96,955	
Average Number of Applications Approved Per Month	192	1,779	
Scheduled Assessments			
Scheduled Assessments as of End of Current Month	72	5,408	
Completed Assessments			
Goal: (77,500-Assessments)	Free		
	Month	114	1,621
	Program to Date	4,980	68,257
	Reduced Cost		
	Month	12	141
	Program to Date	290	5,465
Total Completed Assessments	5,270	73,722	
Assessment Funds Invoiced to Date		\$18,446,640	

^a Round 2 CBO production as of 6/1/2012.

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

3.2 Home Performance with ENERGY STAR® Projects

Of the 20,444 projects completed through HPwES resulting from a GJGNY assessment and/or GJGNY financing, 6,514 (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 May 2015, there were 503 HPwES project completions. Of the 503 HPwES project completions, 464 (92 percent) were associated with a GJGNY assessment or loan. Thirty-one percent of the May 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	1,653	20,444	NA
Completed Projects/Units^c			
Assisted			
May	7 / 10	146 / 149	162 / 165
Program to Date	679 / 801	6,514 / 6,869	10,214 / 10,687
Market Rate			
May	8 / 8	318 / 322	341 / 345
Program to Date	674 / 727	13,930 / 14,097	18,365 / 18,585
Total Completed Projects/Units (Project Goal: 25,000)	1,353 / 1,528	20,444 / 20,966	28,579 / 29,272
^a Projects completed resulting from a GJGNY assessment and/or GJGNY financing. ^b Total HPwES including GJGNY projects. ^c Projects completed and units served resulting from GJGNY.			

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 enacted in the FY 2015-16 New York State budget, the Green Jobs-Green New York (GJGNY) loan program has been extended through March 31, 2016 for all customers previously eligible for the program, which includes renewables.

As of May 31, 2015, 8,850 Residential GJGNY Loans have closed to date, comprised of 7,945 Home Performance with Energy Star® (HPwES) loans, 904 Photovoltaic (PV) loans and 1 Renewable Heat NY (RHNY) loan. Of the 8,850 total loans closed, 12.5 percent are Tier 2 customers, representing 12.1 percent of the total funds, while 87.5 percent are Tier 1 customers representing 87.9 percent of the funds.

Of the 7,945 HPwES loans closed to date, 28.7 percent are for Assisted HPwES customers, representing 21.6 percent of the total funds; while 71.3 percent are for Market Rate customers representing 78.4 percent of the total funds; 12.4 percent are Tier 2 customers, representing 11.9 percent of the total funds, while 87.6 percent are Tier 1 customers representing 88.1 percent of the funds. Of the loans closed for Assisted HPwES customers, 76.0 percent are Tier 1 loans, while 24.0 percent are Tier 2.

Since the launch of On-Bill Recovery, 30.7 percent of the Assisted HPwES customers who access financing use OBR Loans, while 37.9 percent of the Market Rate HPwES customers who access financing use OBR Loans; 30.9 percent of Tier 2 customers use OBR Loans while 36.5 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	11,750	8,376	5,482	\$51,902,872	516	\$5,558,419
EE On-Bill Recovery Loan	7,183	4,837	2,463	\$27,427,609	205	\$3,074,754
Total	18,933	13,213	7,945	\$79,330,481	721	\$8,633,173
PV Smart Energy Loan	1,447	1,283	464	\$7,880,308	407	\$7,135,247
PV On-Bill Recovery Loan	2,320	1,944	435	\$7,343,066	514	\$8,734,139
Total	3,767	3,227	899	\$15,223,374	921	\$15,869,386
EE & PV Smart Energy Loan	51	38	3	\$46,435	7	\$120,486
EE & PV On-Bill Recovery Loan	138	75	2	\$42,993	2	\$30,539
Total	189	113	5	\$89,427	9	\$151,025
RHNY Smart Energy Loan	2	2	1	\$24,850	1	\$1,950
RHNY On-Bill Recovery Loan	0	0	0	\$0	0	\$0
Total	2	2	1	\$24,850	1	\$1,950
Grand Total	22,889	16,553	8,849	\$94,643,283	1,651	\$24,653,584

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 Recovery	
Tier 1	Tier 2		Tier 1	Tier 2
5,190	760	Loans Closed	2,558	342
\$52,353,507	\$7,500,957	Value	\$30,899,278	\$3,914,389
\$10,087	\$9,870	Average Loan	\$12,079	\$11,446
12.9 Years	13.8 Years	Average Term	14.6 Years	14.6 Years
N/A	N/A	2.99%	31.67%	26.90%
82.97%	81.58%	3.49%	68.33%	73.10%
17.03%	18.42%	3.99%	N/A	N/A
76.72%		Approval Rate*	74.45%	
17.83%		Denial Rate*	20.90%	
5.45%		Denied Tier 1, didn't pursue Tier 2*	4.65%	

* Does not include applications pending review or withdrawn.

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.

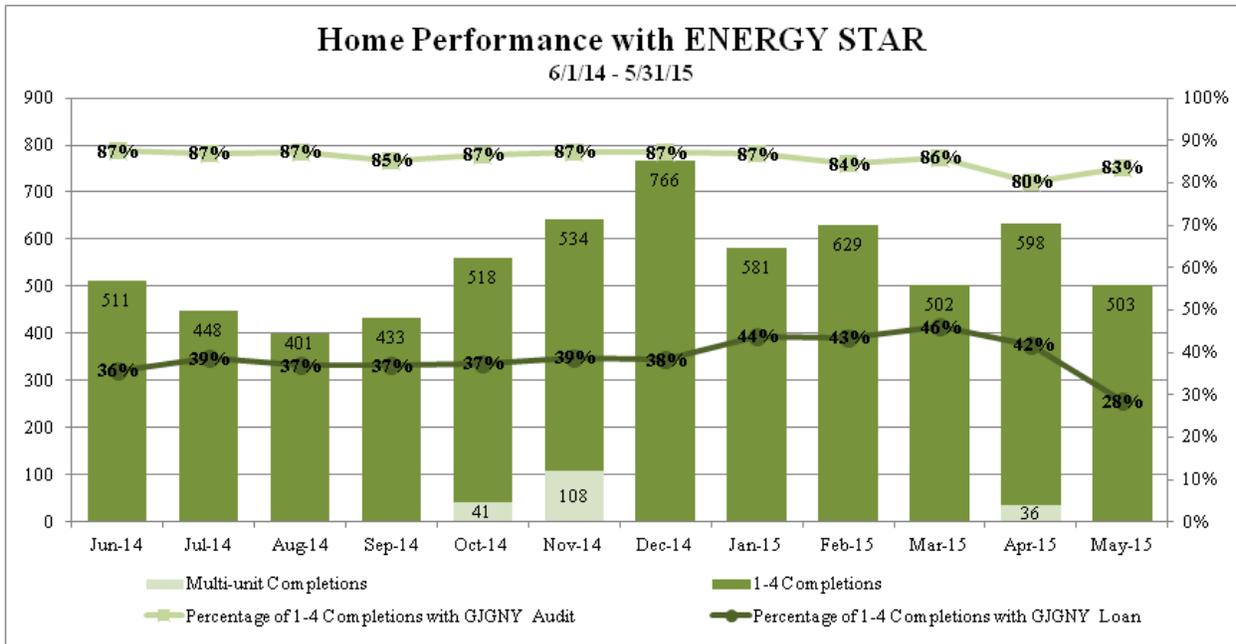


Figure 3-2. Green Jobs–Green New York Financing Applications Received, Quarterly.

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

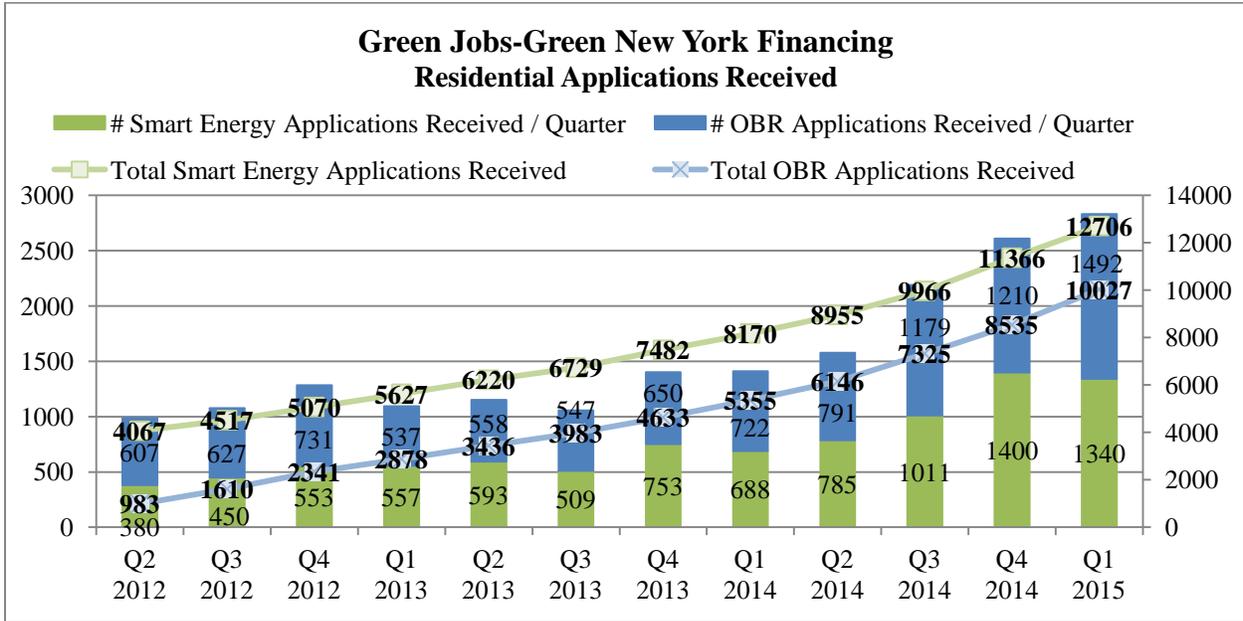


Figure 3-3. Green Jobs–Green New York Financing Loans Issued by Type, Quarterly.

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

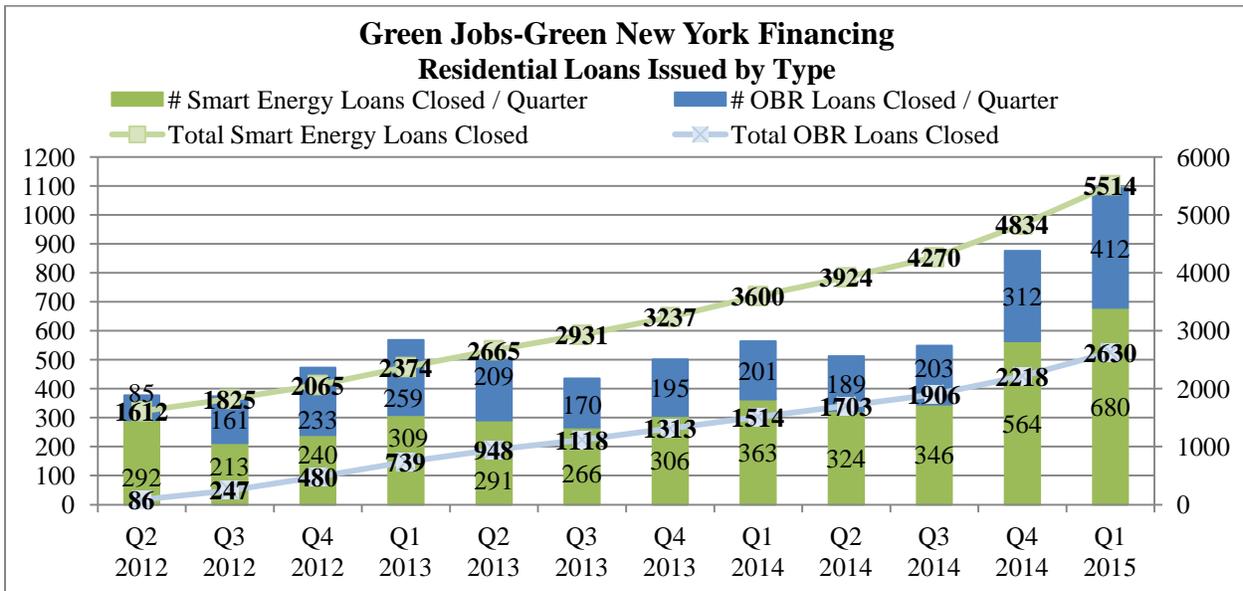


Figure 3-4. Green Jobs–Green New York Financing Loans Issued by Tier, Quarterly.

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

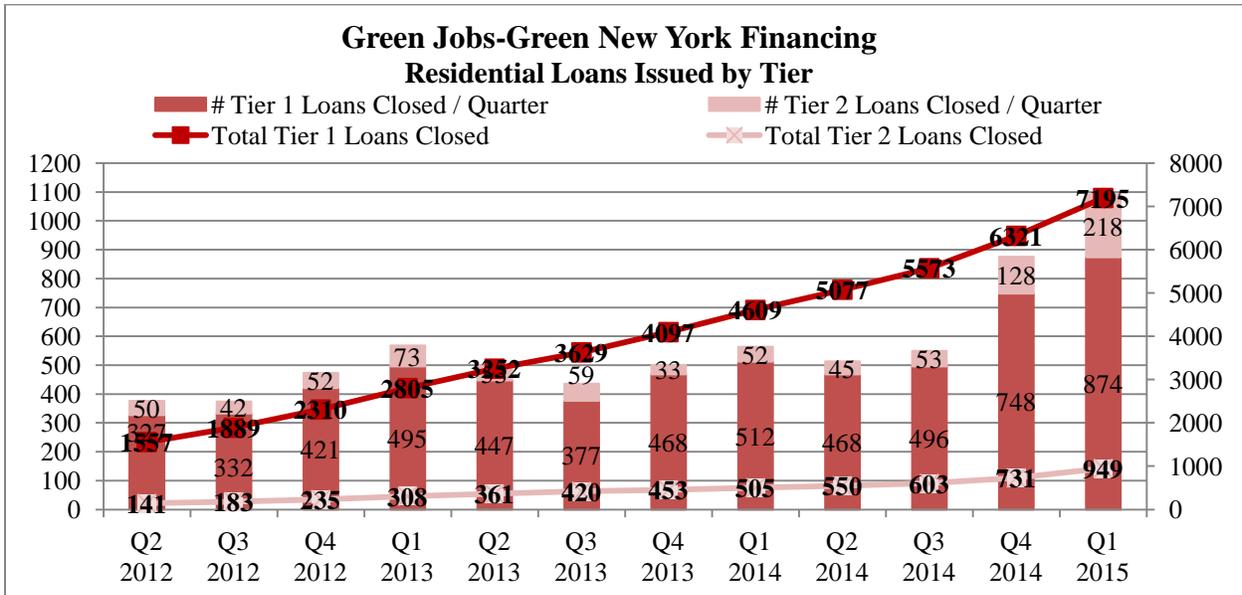


Figure 3-5. Green Jobs–Green New York Financing Loans Denied by Type, Quarterly.

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

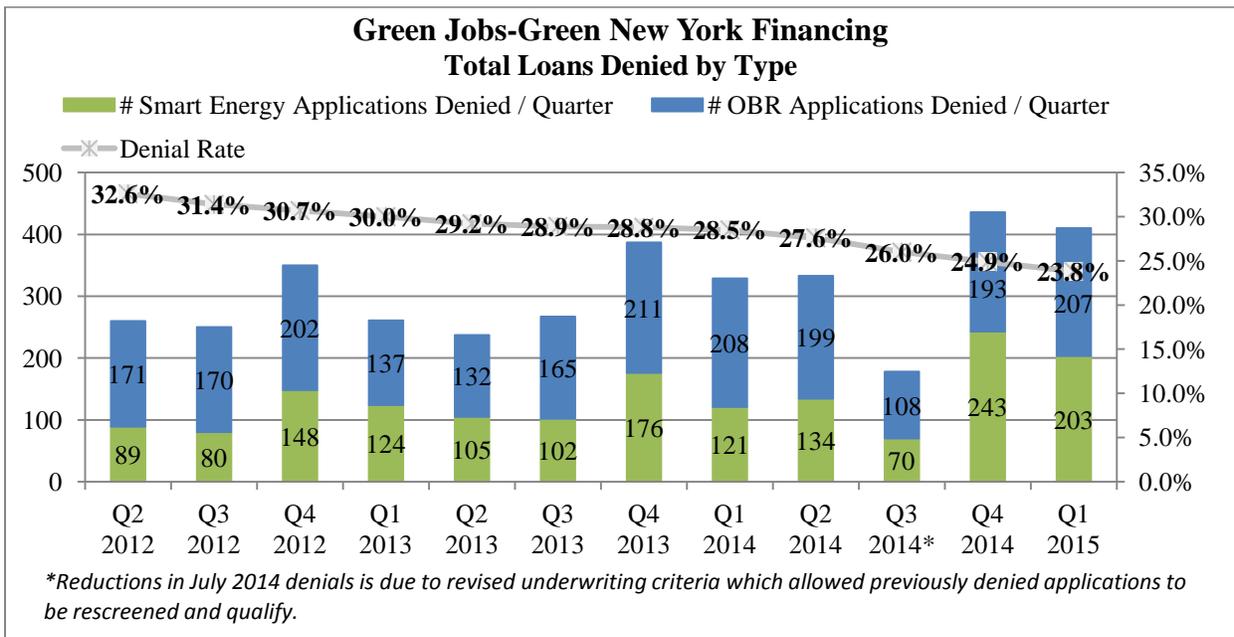


Figure 3-6. Green Jobs–Green New York Financing Loans Denied for Debt-to-Income Ratio, by Region.

Table 3-6 illustrates regional differentiation for received GJGNV 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 23.1 percent in May 2015.

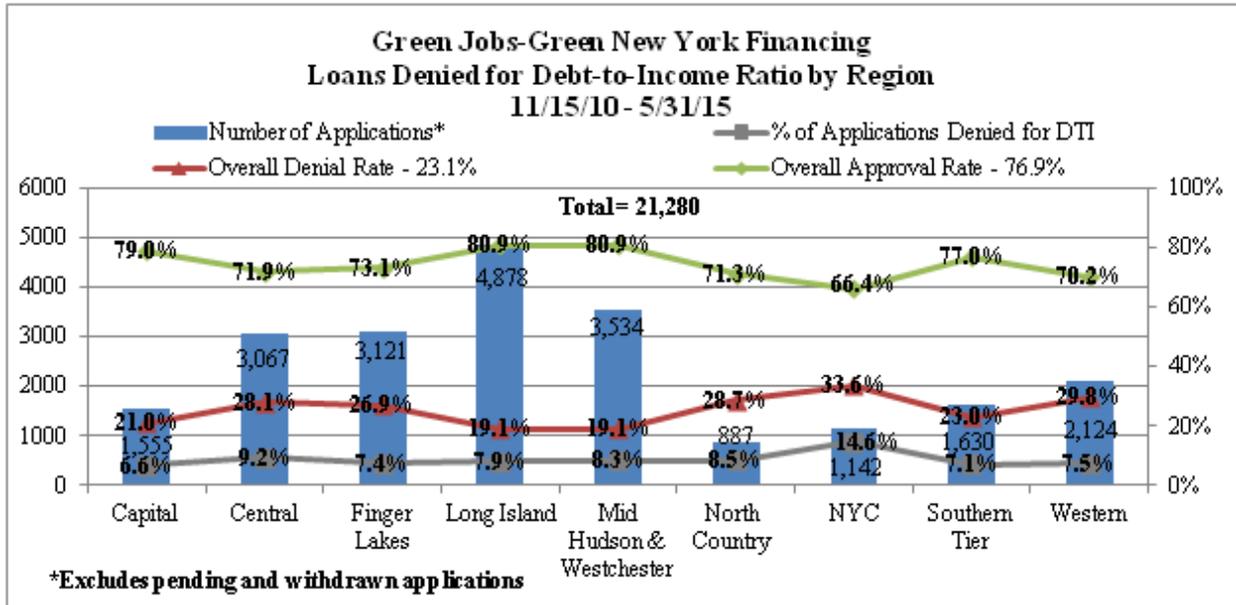


Figure 3-7. Green Jobs–Green New York Financing Percentage of Applications Denied, comparative by quarter.

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.

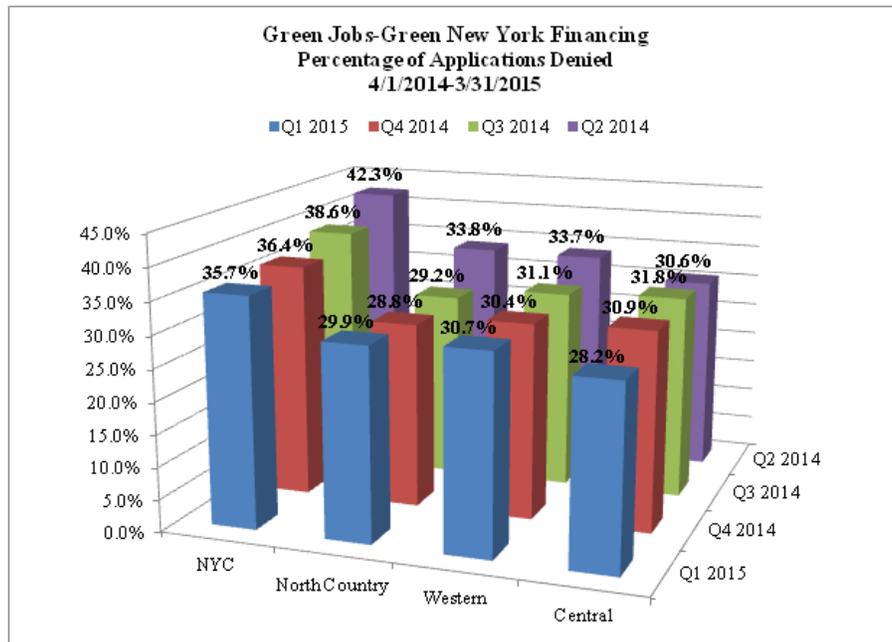


Table 3-5. Green Jobs–Green New York Financing Loans Transferred from OBR to Smart Energy.

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 May 2015, 80 loans were transferred from OBR to Smart Energy. Over the life of the program, 15.9 percent of pre-approved OBR loans were transferred to Smart Energy loans.

Smart Energy Loan Status	Cumulative Number of Loans
Pre-Approved	11
Loan Approved	136
Loan Sold	904
Loan Withdrawn	102
Loan Denied	13
No Loan - Subsidy Only	31
Total Number of Loans Transferred	1,297

4 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 May 2015, from the 335 approved assessment applications, 320 (96 percent) assessments have been completed.

Table 4-1. Multifamily Energy Performance Assessments.

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

Metric	May			Cumulative			
	Affordable Housing	Market Rate Housing	Monthly Total	Affordable Housing	Market Rate Housing	Program Total	Budget/ Goal
Received Assessment Applications	0	0	0	194	141	335	
Approved Assessment Applications	0	0	0	194	141	335	500
Assessment Funds Encumbered (\$)	0	0	0	2,376,730	1,116,790	3,493,520	
Assessment Funds Invoiced (\$)	0	0	0	2,286,820	1,083,827	3,370,647	3,000,000
Completed Assessments	0	0	0	182	138	320	400
Number of Projects Withdrawing from MPP after Assessment*	0	0	0	22	39	61	

*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 May 2015, the Multifamily Energy Performance Program has completed 31,696 housing units with installed measures. Of those units with installed measures, 17,498 (55 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	May			Cumulative		
	Affordable Housing	Market Rate Housing	Monthly Total	Affordable Housing	Market Rate Housing	Program Total
Projects in Pipeline*	0	0	0	194	141	335
Projects Contracted to have Measures Installed	0	0	0	194	140	334
Households Associated with Projects Contracted	0	0	0	32,911	32,945	65,856
Projects with Installed Measures (units)	0	0	0	17,498	14,198	31,696
kWh Savings of Installed Measures	0	0	0	27,855,945.4	7,509,455.1	35,365,400
MMBtu Savings of Installed Measures	0	0	0	308,823.4	247,442.8	556,266
Dollar Savings of Installed Measures	\$0	\$0	\$0	\$10,335,050	\$6,411,405	\$16,746,455
<p>*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.</p> <p>**The projects in pipeline program total includes all projects that are part of GJGNY, inclusive of those projects that dropped out.</p>						

4.3 Multifamily Energy Performance Financing

As of May 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	May			Cumulative		
	Number	NYSERDA Share of Total Loan Value	Total Loan Value	Number	NYSERDA Share of Total Loan Value	Total Loan Value
Participation Agreements Approved	0	\$0.00	\$0.00	21	\$4,745,999	\$10,416,508
Loans Closed	0	\$0.00	\$0.00	16	\$3,289,451	\$10,416,508

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 May 2015, the Small Commercial Energy Efficiency Program has received 6,719 assessment applications. Of those received applications, 3,370 (90 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	May			Program Cumulative		
	GJGNY	ARRA*	Monthly Total	GJGNY	ARRA*	Program Total
Received Assessment Applications	51	0	51	5,785	934	6,719
Completed Assessments	56	0	56	2,521	849	3,370

*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 May 2015, the Small Commercial Energy Efficiency Program estimates 674 project completions as a result of GJGNY funded assessments.

Table 5-2. Small Commercial Energy Efficiency Projects.

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

Metric	May	GJGNY Program Cumulative
Estimated Projects Completed*	11	674
*NYSERDA conservatively estimates that twenty percent of energy efficiency improvements recommended on energy assessments are implemented by small business and not-for-profit customers. Estimated projects completed are inclusive of those that used ARRA funds referenced in Table 5-1 above.		

5.3 Small Commercial Energy Efficiency Financing

Through May 2015, the Small Commercial Energy Efficiency Program has closed 24 loans with a total value of \$1,408,565. NYSERDA’s share of that total loan value is \$749,418.

Table 5-3. Small Commercial Energy Efficiency Financing.

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

Loan Status	May			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	1	\$20,330	\$40,660	60	\$1,342,159	\$2,867,908
On-Bill Recovery	1	\$40,660	\$40,660	33	\$1,045,995	\$1,384,704
Loans Closed						
Participation Loans	3	\$150,000	\$353,607	16	\$547,213	\$1,206,360
On-Bill Recovery	0	\$0	\$0	8	\$202,205	\$202,205
Total**	3	\$150,000	\$353,607	24	\$749,418	\$1,408,565
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 in various stages of implementation.

- The evaluation of Home Performance with ENERGY STAR (HPwES), which includes a process evaluation, market characterization, and an analysis of CBO efforts, is currently underway. The data collection and analysis was completed in April 2015. NYSERDA is working to make the results of this evaluation available in July 2015.
- As a part of the impact evaluation of the HPwES program, the evaluators are seeking to assess the energy-related impacts of GJGNY assessment-only participants. These impacts are savings associated with homeowners who received a GJGNY assessment and did not pursue further support through incentive programs. Data collection is complete and the evaluators are conducting the pre- and post-consumption billing analysis. NYSERDA will work toward having the preliminary results of this evaluation available in July 2015.
- The impact evaluation of the Small Commercial Energy Efficiency Program seeks to quantify measure adoption rate over time, assess the degree of program influence on the participant decision making and the proportion of installed measures for which customers accessed other NYSERDA funding. The primary data collection is complete and analysis underway. NYSERDA will work toward having the preliminary results of this evaluation in July 2015.