

New York State Energy Research and Development Authority

Green Jobs – Green New York April 2017 Monthly Update

Period ending April 30, 2017

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Program Description

Green Jobs – Green New York (GJGNY) 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

GJGNY 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.

1.1 Training Program Updates

Clean Energy Technical Training

From the program’s inception through April 2017, 3,846 New Yorkers were trained in a range of energy efficiency and renewable energy courses. While most GJGNY-funded training partnership agreements ended by December 2016, NYSERDA recently entered into a new agreement with Green City Force (GCF), a Brooklyn-based provider of training and job placement support to disadvantaged young adults. Prior to the latest investment of GJGNY funding, GCF was under contract to offer clean energy training and internships to 75 program participants through a contract funded under the System Benefits Charge (SBC). The addition of \$60,000 in GJGNY funding will allow GCF to expand its network of employer partners resulting in additional opportunities for internships, apprenticeships, and job placement for program participants and alumni. Additionally, participants and alumni will receive assistance with resume development, job readiness coaching, and job search assistance as well as support services including referrals to subsidized child care services and transportation assistance.

2 Outreach and Events

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 April 2017, CBOs are responsible for 7,506 completed assessments resulting in 2,434 completed retrofits. Approximately 58 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.

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.

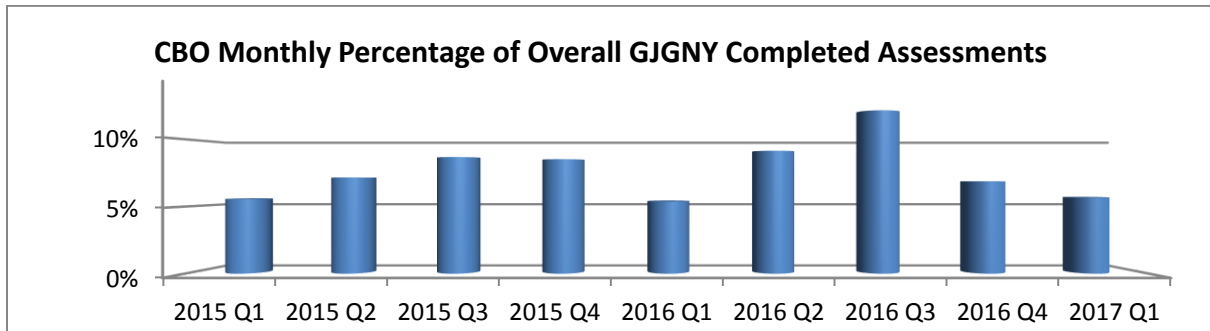


Figure 2-2. CBO Percentage of GJGNY Unit Completions.

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

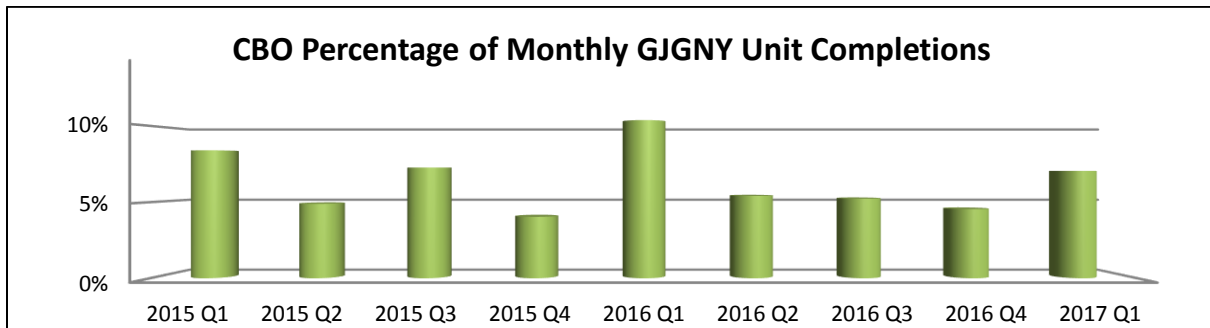
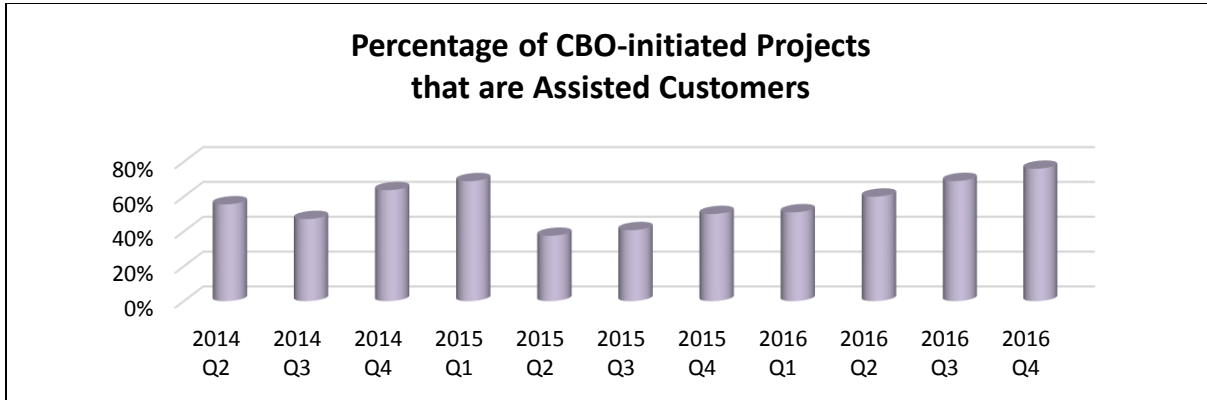


Figure 2-3. Percentage of CBO-initiated Projects that are for Assisted Customers.

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



CBO Events and Activities

CBOs participated in a variety of events and meetings throughout April, providing program information to a variety of audiences across the state.

- PathStone conducted twenty meetings or outreach sessions at several locations throughout Rochester and the Finger Lakes region, working with several county governments and targeting neighborhoods within the City of Rochester via the Rochester Safe and Efficient Homes Initiative and the Lead Hazard Removal, Windows, and Targeted neighborhood rehabilitation grant programs. In an effort to reach homeowners outside of Rochester and its surrounding communities, Pathstone has attended gatherings of the Finger Lakes Housing Consortium, the Yates County Housing Committee, and the Finger Lakes Landlord Association.
- El Puente hosted three outreach events to help promote NYSERDA’s energy efficiency programs throughout Brooklyn. In addition, they hosted a home buyer’s workshop. Representatives of El Puente attended a meeting organized by 350 Brooklyn to devise a strategy for sharing information on residential and multifamily clients. Staff also attended the Cooperator Expo with roughly 300 exhibitors. Approximately 30 leads were generated as a result of the event.
- In Queens, Neighborhood Housing Services of Jamaica (NHSJ) and its subcontractor Chhaya Community Development Corporation participated in five separate outreach events throughout the borough, including a homebuyer fair that was attended by 650 individuals, energy efficiency outreach in conjunction with SEIU 1199, and two workshops garnering nearly 150 attendees. In addition, NHSJ conducted a home maintenance and energy efficiency class.
- Sustainable South Bronx (SSBx) attended two events netting approximately 100 potential referrals across the residential and multifamily market sectors. They tabled at a Housing Preservation and Development Tenant’s Resource Fair while also performing outreach at the Minority and Women-Owned Business Enterprise Opportunities Expo at Lehman College.

- PUSH Buffalo held seven outreach events throughout the greater Buffalo area, several of which corresponded with existing outreach activities being conducted in Erie County. In addition, PUSH attended several large events to spread awareness of NYSERDA program offerings. For example, they participated in a National Grid Consumer Expo, garnering roughly 100 leads.
- In Richmond County, New Horizons Supported Services, Inc. participated in five outreach events. Representatives attended a Health and Wellness Fair at Public School 78 in addition to an Asthma Coalition Meeting. The CBO has also made efforts to conduct outreach at its in-house homeowner orientation classes, netting five leads over the course of the reporting period.
- Affordable Housing Program continues to gather leads through its homeownership informational website as well as its long-running homeowner workshops and presentations. The website received 84 page views in April. Over the course of the month, the CBO distributed energy assessment applications to 16 new homeowners. There also attended two outreach events: an HPwES Lunch and Learn with the NYS Office of Mental Health and the Capital District Housing Fair.
- In the Southern Tier region, the Public Policy and Education Fund conducted outreach to its seven counties through various media and tabling events throughout the month of April. Staff tabled at SciCli in downtown Binghamton, Earth Fest 2017 in Milford, NY, and at Earth Fest 2017 at the SUNY Broome campus. The CBO utilized a local cable TV events channel to place an ongoing public service announcement targeting residents of Deposit and Windsor. The broadcast is scheduled to begin the last week of April and continue through the first week of May.
- Adirondack North Country Association (ANCA) is still in the process of reaching out to the hundreds of businesses that have worked with one of the CBO's staff members over the past decade for the Small Commercial Energy Audit. The CBO is gathering a sampling of clients who would be good candidates for the HPwES program. During the month of April, the CBO was provided with the names of ten clients. After calling each individually, they were able to obtain nine completed HPwES assessment applications (the tenth is currently in process). ANCA also conducted three presentations to homeowners in Lewis and St. Lawrence counties, each garnering a number of applicants to HPwES. It is apparent that the positive experiences from past commercial participants has begun to show a marked increase in the number of individual homeowners participating in the HPwES program.
- In the Mid-Hudson region, RUPCO has continued to rely on its strong relationships with key partners including Energize NY as well as various community-level Solarize programs operating in the territory. The CBO attended twelve public events such as home fairs and energy efficiency workshops and participated in six meetings during the course of the reporting period. As a result, of these partnerships, the CBO was able to find the names of 101 homeowners who may be interested in HPwES or Assisted HPwES. Web-based outreach efforts, including more than a dozen social media posts, were seen by more than 3,200 individuals, contributing to the higher-than-average number of leads collected.

3 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 Building Performance Institute (BPI) Gold Star contractors 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 April 2017, from the 143,530 approved assessment applications, 110,367 (77 percent) assessments have been completed. In the month of April, 1,210 free/reduced-cost comprehensive home energy assessment applications were received. The program-to-date conversion rate from assessment to energy retrofit is 30 percent. The conversion rate for the period between April 2016 and April 2017 was 37 percent. The average cycle time between assessment completion to project completion is 78 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 Audit Applications			
Month	184	1,210	
Program to Date	11,646	149,958	
Average # of Applications Received per Month	174	1,935	
Approved Audit Applications			
Free			
Month	185	1,117	
Program to Date	11,327	132,867	
Reduced Cost			
Month	10	113	
Program to Date	616	10,663	
Total Approved Audit Applications	11,943	143,530	
Average # of Applications Approved Per Month	178	1,852	
Scheduled Audits			
Scheduled Audits as of End of Current Month	112		
Completed Audits^c			
Goal: (77,500-Audits)	Free		
	Month	68	785
	Program to Date	7,109	102,458
	Reduced Cost		
	Month	3	72
	Program to Date	397	7,909
Total Completed Audits	7,506	110,367	
Audit Funds Invoiced to Date		\$25,746,740	
^a Round 2 CBO production as of 6/1/2012. ^c Reported data includes all audits offered through the Residential Free/Reduced-Cost Energy Audit Program. In mid-2016, NYSERDA began using CEF funds for audits in CEF electric utility territories.			

3.2 Home Performance with ENERGY STAR® Projects

Of the 33,160 projects completed through HPwES resulting from a GJGNY assessment and/or GJGNY financing, 11,703 (35 percent) projects are associated with income-qualified customers who have a household income of up to 80 percent of the county median income.

In April 2017, there were 467 HPwES project completions, of which 416 (89 percent) were associated with a GJGNY assessment or loan. Thirty-nine percent of the 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	2,558	32,213	NA
Completed Projects/Units^c			
Assisted			
Month	13 / 13	161 / 165	187 / 192
Program to Date	1192 / 1405	11,229 / 11,703	18,037 / 18,681
Market Rate			
Month	4 / 4	252 / 252	280 / 280
Program to Date	1116 / 1029	21,254 / 21,457	26,361 / 26,617
Total Completed Projects/Units (Project Goal: 25,000)	2308 / 2434	32,483 / 33,160	44,398 / 45,298
^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.			

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 April 30, 2017, 20,060 Residential GJGNY Loans have been issued to date, comprising of 13,619 Home Performance with Energy Star® (HPwES) loans, 6,414 Photovoltaic (PV) loans, 11 Solar Thermal (ST) loans and 16 Renewable Heat NY (RHNY) loans. Of the 20,060 total loans issued, 16.3 percent are Tier 2 customers, representing 15.6 percent of the total funds, while 83.7 percent are Tier 1 customers representing 84.4 percent of the funds.

Of the 13,619¹ HPwES loans issued to date, 33.9 percent are for Assisted HPwES customers, representing 25.2 percent of the total funds; while 66.1 percent are for Market Rate customers representing 74.8 percent of the total funds; 17.3 percent are Tier 2 customers, representing 16.4 percent of the total funds, while 82.7 percent are Tier 1 customers representing 83.6 percent of the funds. Of the loans issued for Assisted HPwES customers, 70.2 percent are Tier 1 loans, while 29.8 percent are Tier 2.

Since the launch of On-Bill Recovery, 24.3 percent of the Assisted HPwES customers who access financing use OBR Loans, while 32.3 percent of the Market Rate HPwES customers who access financing use OBR Loans; 25.1 percent of Tier 2 customers use OBR Loans while 30.5 percent of Tier 1 customers use OBR Loans.

Of the 6,414 PV loans issued to date, 52 percent are OBR Loans and 86 percent are Tier 1 customers. 52 of these PV loans also have an Affordable Solar incentive.

¹ This includes GJGNY loans issued through PSEG LI's HPwES / AHPwES program.

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 Issued (Number)	Loans Issued (Dollars)	Loans Awaiting Issuance (Number)	Loans Awaiting Issuance (Dollars)
EE Smart Energy Loan	19,173	13,104	9,911	\$90,823,598	443	\$3,855,869
EE On-Bill Recovery Loan	10,223	6,102	3,708	\$41,373,021	37	\$1,764,488
Total	29,396	19,206	13,619	\$132,196,620	480	\$5,620,356
PV Smart Energy Loan	4,353	3,748	3,061	\$50,899,958	221	\$3,608,895
PV On-Bill Recovery Loan	5,623	4,285	3,323	\$57,180,240	167	\$3,091,973
Total	9,976	8,033	6,384	\$108,080,198	388	\$6,700,867
EE & PV Smart Energy Loan	97	51	22	\$402,089	2	\$29,149
EE & PV On-Bill Recovery Loan	209	77	8	\$176,050	0	\$0
Total	306	128	30	\$578,139	2	\$29,149
RHNY Smart Energy Loan	37	24	15	\$168,864	5	\$23,398
RHNY On-Bill Recovery Loan	16	7	1	\$13,445	0	\$0
Total	53	31	16	\$182,309	5	\$23,398
ST Smart Energy Loan	12	12	9	\$64,039	0	\$0
ST On-Bill Recovery Loan	2	2	2	\$11,510	0	\$0
Total	14	14	11	\$75,549	0	\$0
Grand Total	39,745	27,412	20,060	\$241,112,815	875	\$12,373,771

*Applicants are not required to choose loan type (Smart Energy vs On-Bill Loan) at time of application, therefore only total applications are shown.

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.

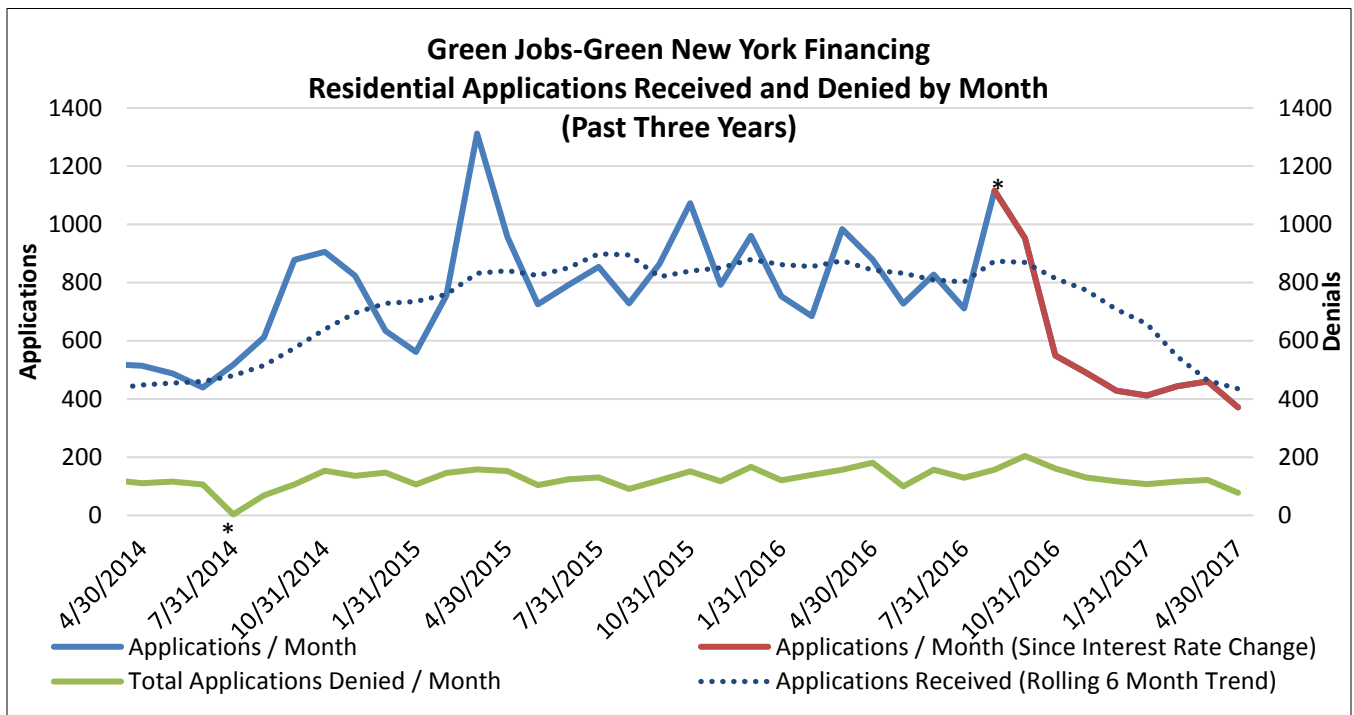
Financing Summary	Smart Energy			On-Bill Recovery		
	Tier 1	Tier 2	Total	Tier 1	Tier 2	Total
Loans Issued	10,777	2,241	13,018	6,008	1,034	7,042
Value	\$118,916,780	\$23,441,768	142,358,549	\$84,531,576	\$14,222,690	98,754,267
Average Loan*	\$11,034	\$10,460	\$10,936	\$14,070	\$13,755	\$14,024
Average Term	13.4 Years	14.1 Years	13.5 Years	14.7 Years	14.8 Years	14.7 Years

*Average Loan Amount for borrowers with Assisted Home Performance projects is \$7,253.

NOTE: Black fill for a particular interest rate denotes that rate is not available for that loan type and/or tier.

Figure 3-1. Green Jobs–Green New York Financing Residential Applications Received vs. Percent Denied, Monthly, for Prior Three Year Period

Figure 3-1 illustrates the number of applications received vs. percent denied for GJGNY loans, monthly, for the prior three years.



*Denotes deadline for applications that were submitted before tiered interest rate took effect.

**Reductions in July 2014 denials is due to revised underwriting criteria which allowed previously denied applications to be rescreened and qualify.

Figure 3-2. Green Jobs–Green New York Financing Loans Issued by Type, Monthly.

Figure 3-2 illustrates the rate of loans issued for GJGNY Smart Energy Loans and GJGNY On-Bill Recovery Loans, by month.

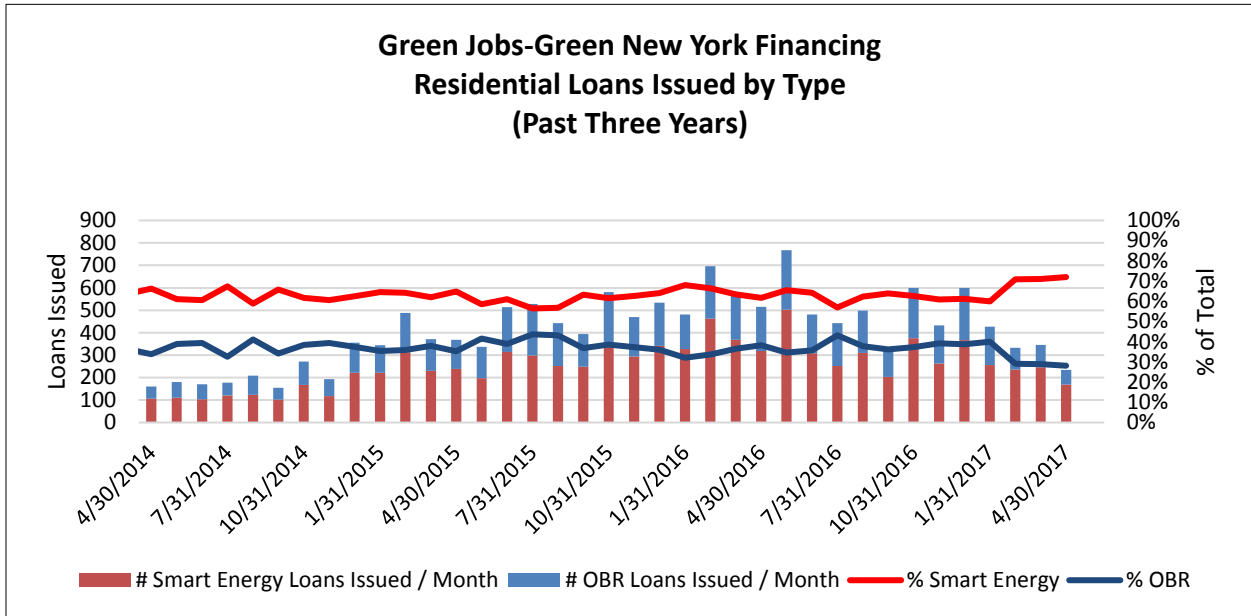


Figure 3-3. Green Jobs–Green New York Financing Loans Issued by Tier, Monthly.

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

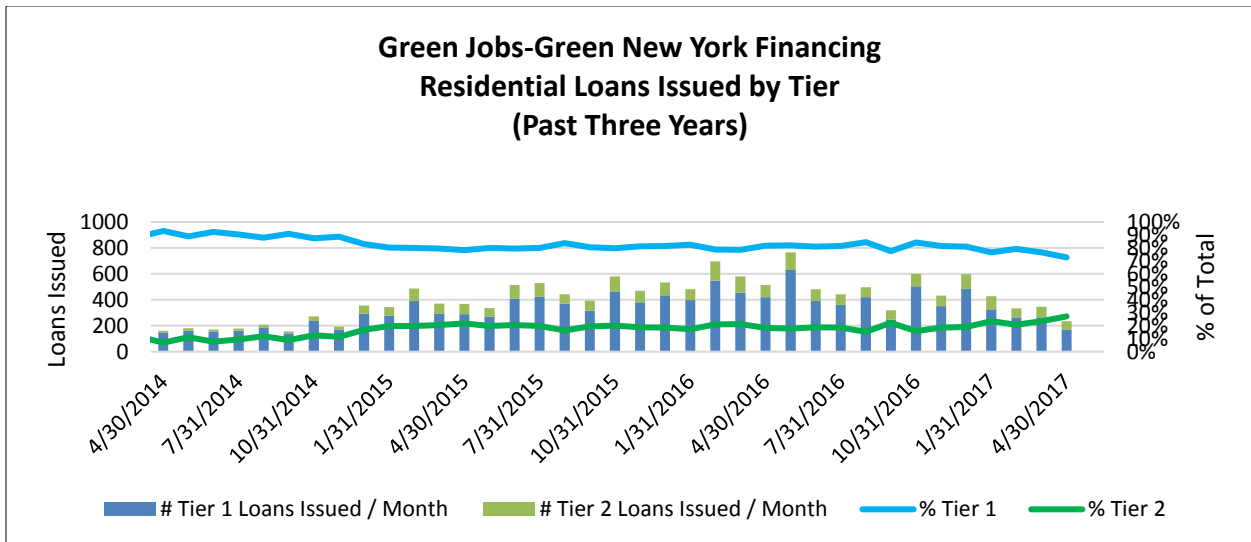
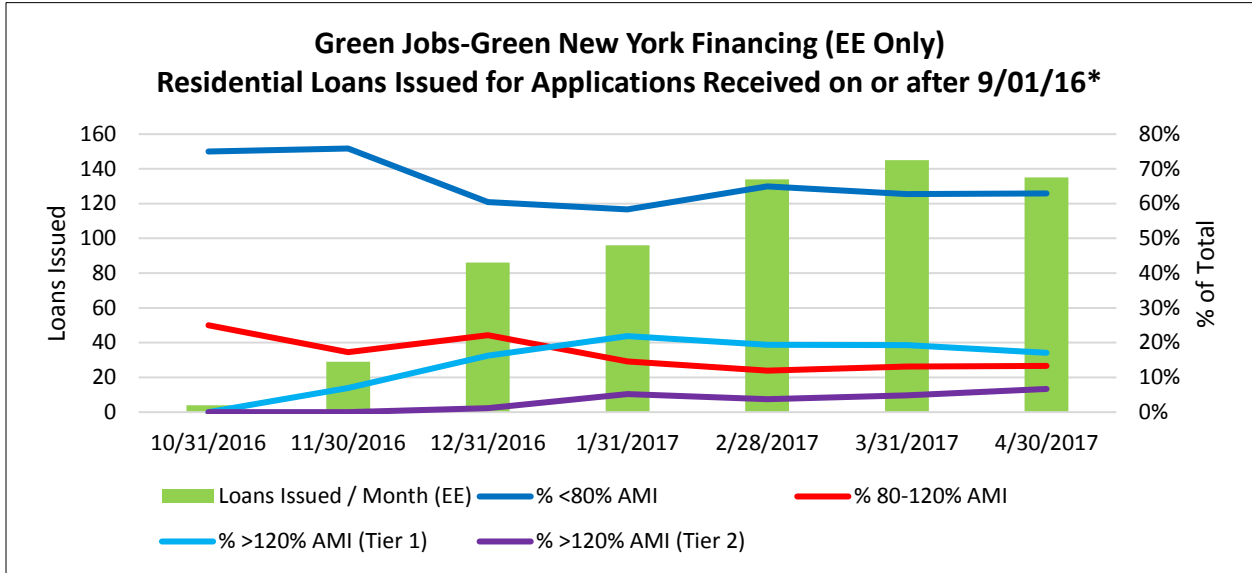


Figure 3-4. Green Jobs–Green New York Financing Residential Loans Issued, Energy Efficiency Only, Monthly

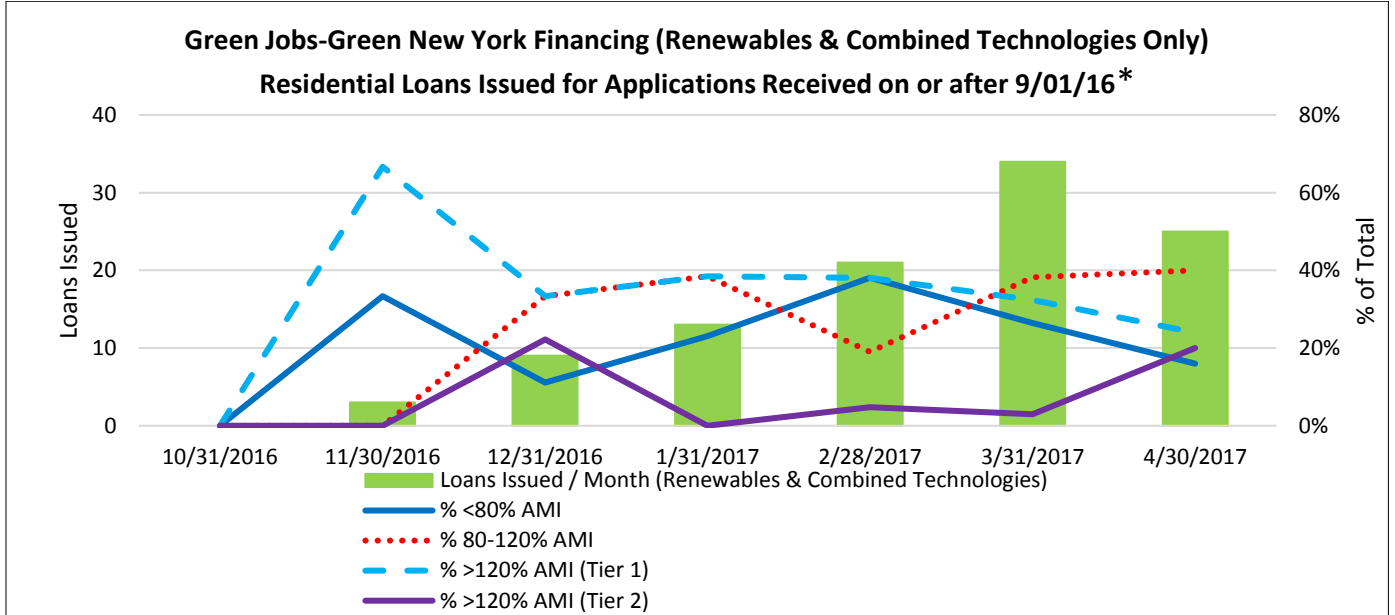
Figure 3-4 illustrates the number of Energy Efficiency loans issued, where the application was first submitted on or after September 1, 2016. Also shown is the percentage of the total that each household income group comprises.



* AMI = Area Median Income, which is the greater of the State or County Median Income. Households with incomes greater than 120% AMI are further grouped by underwriting Tier, with different interest rates applying to each group.

Figure 3-5. Green Jobs–Green New York Financing Residential Loans Issued, Renewables and Combined Technologies, Monthly

Figure 3-5 illustrates the number of Renewables and Combined Technology loans issued, where the application was first submitted on or after September 1, 2016. Also shown is the percentage of the total that each household income group comprises. The relatively small number of loans issued to date for this subset of loans should not be used to interpret future performance.



*AMI = Area Median Income, which is the greater of the State or County Median Income. Households with incomes greater than 120% AMI are further grouped by underwriting Tier, with different interest rates applying to each group.

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 April 2017, 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	April			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 choose 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 April 2017, 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	April			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.						

4.3 Multifamily Energy Performance Financing

As of April 2017, the Multifamily Performance Program has closed 22 loans with a total value of \$12,099,798. NYSERDA’s share of that total loan value is \$3,834,685.

Table 4-3. Multifamily Energy Performance Financing.

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

Loan Status	April			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	\$0	22	\$3,834,685	\$12,099,798
Loans Closed	0	\$0	\$0	22	\$3,834,685	\$12,099,798

5 Small Commercial Energy Efficiency Program

NYSERDA’s Small Commercial Energy Efficiency Program offers financial and technical assistance to help small businesses improve their energy efficiency and reduce their energy costs. This program offers free assessments 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 by providing a share of the loan principle at a low interest rate. 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 April 2017, the Small Commercial Energy Efficiency Program has completed 4,216 assessments. The assessment program closed in December 2016, but eligible applicants can receive cost-shared assessments via NYSERDA’s FlexTech program. NYSERDA will create and issue a measure package in 2018, which will include an outreach component.

Table 5-1. Small Commercial Energy Efficiency Assessments.

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

Metric	April			Program Cumulative		
	GJGNY	ARRA*	Monthly Total	GJGNY	ARRA*	Program Total
Received Assessment Applications	0	0	0	3,574	934	4,508
Completed Assessments	0	0	0	3,367	849	4,216
*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 April 2017, the Small Commercial Energy Efficiency Program estimates 1,855 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	April	GJGNY Program Cumulative
Estimated Projects Completed*	0	1855
*The 2015 Small Commercial Energy Efficiency Program Impact Evaluation found that 44 percent of the energy savings recommended through program audits were reported to be implemented. 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 April 2017, the Small Commercial Energy Efficiency Program has closed 60 loans with a total value of \$2,919,334. NYSERDA’s share of that total loan value is \$1,845,786.

Table 5-3. Small Commercial Energy Efficiency Financing.

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

Loan Status	April			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	3	\$41,374	\$82,748	124	\$2,547,229	\$5,423,695
On-Bill Recovery	1	\$9,139	\$9,139	77	\$2,435,305	\$3,122,161
Loans Closed						
Participation Loans	0	\$0	\$0	27	\$868,998	\$1,844,416
On-Bill Recovery	2	\$50,182	\$50,182	28	\$817,646	\$897,152
Total	2	\$50,182	\$50,182	55	\$1,686,644	\$2,741,568
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% of the total energy 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

There are no GJGNY evaluation activities active at this time. Any new activity will be reported to the Advisory Council in future reports. [GJGNY evaluation reports](#) can be found on NYSERDA's website.