

From: [SOLARAnnouncements](#)
Subject: July 9th Monthly PV Installer Conference Call Summary
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Attachments: [image002.png](#)



Summary of July 09, 2015 Conference Call Residential/Small Commercial PV Solar Thermal

<200kW Residential/Small Commercial PV Program

Program Updates

Qualified Solar Modules

All PV modules must be certified as meeting all applicable standards of the Institute of Electrical and Electronics Engineers (“IEEE”) and Underwriter’s Laboratory (“UL”) 1703, and detailed in the CEC eligible list found on PowerClerk. It is the manufacturer’s responsibility to update PowerClerk with the most up to date product information.

All inverters must be certified as meeting all applicable standards of IEEE and UL and must meet the standards of the New York State Public Service Commission.

For PV Modules and Inverters, PowerClerk automatically synchronizes its equipment lists with the CEC lists found here: <http://www.gosolarcalifornia.ca.gov/equipment/index.php>. The last link on that page, “Adding Equipment”, talks about how to get equipment items added to those lists.

For SHW equipment items, they should contact Marci Brunner at marci.brunner@nyserda.ny.gov. To request to have a manual update. Please let me know if you have any questions.

Application Changes

Effective Thursday, July 9 2015, residential and non-residential applications will have unique certification statements at time of customer and contractor signature.

Dependent on sector (Residential or Non-Residential) selected at time of application the appropriate certification statement will appear for signature as:

Please note that for Non-Residential Projects, the certification will attest that all the jurisdictional permits required for construction of the PV project that will receive funding through the application have been submitted and that the Contractor will be required to produce these documents immediately upon NYSEERDA’s request.

We strongly encourage you to start using this form as soon as possible.

GJGNY Changes

Effective Friday, July 3, 2015, residential GJGNY loan disbursement will be initiated by EFS once a copy of the Final Electrical Inspection Certificate has been received by NYSEERDA or PSEG Long Island.

This change allows for loan disbursements prior to the final NYSEERDA completion paperwork for incentives which also requires the Sign-off/inter-connection letter from utility company or acceptable documentation as outlined in the program manual.



To take part in this process:

Please make sure your project has been approved by NYSERDA and that you have received your GJGNY award letter and that the loan information is correct (**we cannot change the loan amount after EFS has created the loan documents**). You will need to verify that the approved system in Power Clerk has not changed. If there are changes, a change order must be submitted and approved prior to requesting GJGNY loan disbursements.

Please send only the Electrical Inspection Certificate, using the following naming convention: Electrical Inspection (4 digit installer # + Application #) - Name of Customer (Example. Electrical Inspection – 4000-29000, John Smith) and send to appropriate mail box.

PVForms@nyserdanyc.gov or PVFormsLI@pseg.com

Once received and approved, status will change from “Approved” to “Approved - GJGNY Payment” in Power Clerk.

As a reminder you will need to send in your incentive requests as usual. **There is no change to the requirements for the incentive requests.** Incentive requests must be e-mailed to:

We strongly encourage you to submit 100% incentive requests.

Incentive Requests

We continue to see a high volume of incentive requests. Please ensure you are submitting complete paperwork to avoid delays. As a reminder for 75% payment requests - The initial incentive payment, totaling 75% of the total approved incentive amount for the project will be paid after all approved system components have been delivered to a customer's site, all permits and approvals have been obtained, and the *Incentive Request Form*, with the section titled 'Items to be Included with 75% request' completed and submitted to NYSERDA for approval. Participating Contractors who choose this option must submit for the initial 75% incentive payment within 120 days of the project approval date.

Overdue Projects and Extensions

If your project is nearing the end of 210 days and is in jeopardy of being overdue, you may request an extension. You should note that extension requests are not guaranteed approval and you must provide a verifiable reason for delay. If extension is not granted, project will be cancelled if overdue and you may re-apply once project is ready to move forward but the rate of incentive will be at the current rate of re-submission.

If you have requested and received 75% and 25% is now due, you may receive a request to either submit the 25% payment or we will request the return of the 75% payment. Failure to respond to these requests can result in a Suspended status, please refer to section 1.5 of program manual.

Program Manual

Version 17 is now available on the NYSun website under forms to reflect the changes to the GJGNY loan process, new certification process and changes to Contractor status.

News of Interest

Please go to:

<http://ny-sun.ny.gov/About/News>, where you will find an announcement from Governor Cuomo on the growth of solar in New York State has increased more than 300 percent from 2011 to 2014, which is twice the rate of U.S. solar growth overall. The significant increase affirms the value of Governor Cuomo's Reforming the Energy Vision strategy – which includes the \$1 billion NY-Sun Initiative – to build a clean, resilient and affordable energy system for all New Yorkers.

Maps showing megawatts of solar capacity for counties in each region and a chart showing pre-NY-Sun versus post-NY-Sun figures can be found here nyserdanyc.gov/solarcapacity.

And lastly, the <200kW program has seen record MW installation growth. So far in 2015, a total of 90MWs have been installed including Long Island. Thank you for all your hard work and keep installing!

Upcoming New Code Issues

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- With the start of the new code cycle anticipated for adoption in January 2016 we will be addressing some of the issues each month. Today we will look at highlights from the 2015 IFC (International Fire Code)
- Section 105.7.15 establishes the requirement that all PV systems have a building permit. It goes on to say that a permit is not required for maintenance.
- Section 605.11 defines the requirements for access pathways, and list the exceptions for detached uninhabitable structures. Or jurisdiction that do not perform roof top operations. Consult with the local Code Official.
- Limits array size to 150 FT X 150 FT
- Residential (R3) 3 foot clear pathway from the eave to the ridge for hip roofs
- And two 3 foot clear pathways from the eave to the ridge for single ridge roofs.
- With an exception for roofs with a slope of 2:12 or
- No modules installed within 18 inches of any hip or valley
- A 3 foot clearance for the ridge down for R3 structures for smoke ventilation
- Structures other than R3 require a 6 foot clearance around the perimeter refer to section 605.11.13.2 for pathway requirements (not less than 4 ft) and section 605.11 1.1.1 for ventilation requirements.
- Section 605.11.2 establishes a 10 ft clearance free of brush around ground mounted systems.

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Design Review Issues

- When doing shading reports, best practice is to take multiple images from 4 corners and center of the roof
- If you are installing on multiple different roof faces, you must take shading images from each of those roof faces.
- A new shading tool is eligible for use in the program. Solar Census is a web-based tool that uses aerial imaging to calculate a site's TSRF. It currently is available for Staten Island and the Albany area. We are in the process of testing Bright Harvest, and also Light Mile, a tool developed by Sun Run.
- Pathfinder now has a TSRF column. It is called "AC energy efficiency". Please make sure to download the latest patch for the Pathfinder software.
- The minimum size main service panel that a single family residence can have is 100Amps, per NEC 230.79(C). If you have a customer with a smaller main service, they will need to upgrade it before the solar install, even if you are doing a supply side tap.

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Reminders

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Remote Net Metering Many contractors are checking off "yes" for remote net metering in Powerclerk for projects that are clearly not using remote net metering (roof-mounted single family residences). Please pay attention to this when submitting projects through Powerclerk.

Change Orders

If you are changing the system equipment, please include an updated wiring diagram with the change order. If you are changing the system layout (number of modules on each roof face), please submit an updated site map and shading report. If you are making changes to a Green Jobs-Green NY project, and there is a change to the system size, incentive, or output, please submit an update proforma worksheet as well.

The SEQRA Short Environmental Assessment Form is required for all projects over 4,000 square feet. 4,000 square feet equates to roughly 50kW. The SEQRA is a short form that is located on the NY DEC website. <http://www.dec.ny.gov/permits/6191.html>. The contractor completes the Part 1 form, and NYSERDA completes parts 2 and 3. This is a relatively simple form that should not take large amounts of time and effort for you to complete. Many commercial projects are being held up because the SEQRA form was not included as part of the application submittal.

RP-487

Systems may be exempt from local property taxes. Form RP-487 is located on the NYS Department of Taxation and Finance website. This form should be presented to the local property Assessor by the customer in order to secure the exempt status with local municipalities and school districts.

http://www.tax.ny.gov/pdf/current_forms/orpts/rp487_fill_in.pdf

Local municipalities and school districts may opt out of this exemption. NYS Department of Taxation and Finance also maintains a list of those that may reassess a property that installs a PV system.

<http://www.tax.ny.gov/research/property/legal/localop/487opt.htm>

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The NY-Sun PV Trainers Network

You can view the current schedule of trainings here: <https://training.ny-sun.ny.gov/training-events-calendar-2/year.listevents/2015/02/06/>

UL Photovoltaic (PV) System Installation Certification Exam UL Photovoltaic

For specific information on, requirements, fees, and schedules of when and where the next exams are being held, you can visit the UL Knowledge Solutions site at the links below.

For additional information you can click on the test date.

http://lms.ulknowledgeservices.com/catalog/display_resource.aspx?resourceid=285443

<http://lms.ulknowledgeservices.com/Catalog/Browse.Catalog.aspx?Tab=1000000&Index=Energy>

You can also contact UL at 888-503-5536

Below is the current schedule:

[8/19/2015 Saratoga Springs, NY](#)

[9/17/2015 San Jose, CA](#)

[10/14/2015 Melville, NY - UL](#)

[11/17/2015 Chicago, IL](#)

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>200kW Commercial/Industrial PV Program

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Program Update

- The Commercial/Industrial Program is open and operational with the MW Block Dashboard operating in real-time and accurately

reflecting projects submitted to date.

- <http://ny-sun.ny.gov/For-Installers/CI-Megawatt-Block-Incentive-Structure-and-Dashboard>
- Revised Program Manual posted to the NY-Sun website the week of June 29, 2015. Please discard old copies of the Program Manual and download the latest version from the website.
 - <http://ny-sun.ny.gov/For-Installers/Forms-Manuals-Tools>
- National Grid has sent a formal notice to many recent DG Interconnection Applicants stating that while they expect to provide a determination of the application's eligibility for the grandfathering of monetary credits as per the NYS PSC order by July 1, they do not expect to complete the preliminary review associated with the DG application in accordance with NYS SIR prescribed timelines; responses may require up to an additional 6 weeks.

Solar Thermal

Program Update

In June there were 56 projects submitted, totaling \$1,460,768 in funding.

As of July 9, 2015, there were 21 projects submitted in July, totaling \$480,027 in funding. There is not currently any RGGI funding available.

The funding counter is available online at <http://www.nyserda.ny.gov/solar-thermal-counter>. As of June 9, there is \$671,884 in RPS funding available for projects that offset electrically heated hot water.

Sun Bandit is now approved as an eligible product in the Solar Thermal Program. It is listed in PowerClerk under the name of its manufacturer, Next Generation Energy.

For SHW equipment items, they should contact Marci Brunner at marci.brunner@nyserda.ny.gov to request to have a manual update. Please let me know if you have any questions.

Participating contractors are encouraged to use the NY-SUN Staff Directory when asking questions relating to the program. This is especially important when you have a time sensitive request. NY-Sun contractors should avoid using the General Inquires email or toll free numbers.

NY-Sun Directory			
	<i>NYSERDA Staff</i>	518-862-1090	(518) 862-1090
Director	David Sandbank	518-862-1090 Ext 3104	David.Sandbank@nyserda.ny.gov
Office Admin	Maryfrancis Keegan	518-862-1090 Ext 3523	Mary.Keegan@nyserda.ny.gov
<i>Systems Above 200 kW</i>			
Program Manager	Peter Savio	518-862-1090 Ext 3334	Peter.Savio@nyserda.ny.gov
	Dave Crudele	518-862-1090 Ext 3095	Dave.Crudele@nyserda.ny.gov
	Alison Neligan	518-862-1090 Ext 3397	Alison.Neligan@nyserda.ny.gov
	Maureen Leddy	518-862-1090 Ext 3318	Maureen.Leddy@nyserda.ny.gov
	Lillie Ghobrial	518-862-1090 Ext 3093	Lillie.Ghobrial@nyserda.ny.gov
<i>Systems 200 kW and below and Solar Thermal</i>			
Technical Assistance	Frank Mace	518-862-1090 Ext 3433	Frank.Mace@nyserda.ny.gov
Power Clerk and Contracts	Marci Brunner	518-862-1090 Ext 3415	Marci.Brunner@nyserda.ny.gov
Installer/Contractor/Application Intake	Leslie Polsinello	518-862-1090 Ext 3473	Leslie.Polsinello@nyserda.ny.gov
Technical Assistance	Luke Forster	518-862-1090 Ext 3495	Luke.Forster@nyserda.ny.gov
Incentive Requests	Jason Mangione	518-862-1090 Ext 3482	Jason.Mangione@nyserda.ny.gov
<i>Systems 200kW and below on Long Island</i>			
Manager, Renewable Programs	Robert Boerner	516-408-8328	Robert.Boerner@pseg.com
Lead Analyst, Solar/Wind Programs	Jennifer Rommel	631-844-3835	Jennifer.Rommel@pseg.com
Tech Support/Lead Engineer	Elaine Akley	631-844-3746	Elaine.Akley@pseg.com
Process Lead, Energy Efficiency Support Services	Stacey Wagner	631-844-3508	Stacey.Wagner@pseg.com
Rebate Processing Lead	Linda Cavalluzzi	631-844-3504	Linda.Cavalluzzi@pseg.com
<i>Community Solar</i>			
Program Manager	Max Joel	212-971-5342 ext 3035	Max.Joel@nyserda.ny.gov
	Lisabeth Tremblay	212-971-5342 ext 3632	Lisabeth.Tremblay@nyserda.ny.gov
<i>QA/QC Staff</i>			
Program Manager	Kim Lenihan	518-862-1090 Ext 3410	Kimberly.Lenihan@nyserda.ny.gov
QA Project Manager	Brian Atchinson	518-862-1090 Ext 3382	Brian.Atchinson@nyserda.ny.gov

General Inquiries not NY Sun specific

- Email: info@nyserda.ny.gov
 - Phone: 518-862-1090 or 1-866-NYSERDA (Toll free)
 - Fax: 518-862-1091
 - Hours: 8:30 a.m. - 5:00 p.m., Monday through Friday
- Next Call** The next conference call we be held on August 13, 2015 at 9:00am. An agenda will be sent out in advance of the call.

About NY-Sun

NY-Sun, a dynamic public-private partnership, will drive growth in the solar industry and make solar technology more affordable for all New Yorkers. NY-Sun brings together and expands existing programs administered by the New York State Energy Research and Development Authority (NYSERDA), Long Island Power Authority (LIPA), PSEG Long Island, and the New York Power Authority (NYPA), to ensure a coordinated, well-supported solar energy expansion plan and a transition to a sustainable, self-sufficient solar industry. To learn more about NY-Sun, visit ny-sun.ny.gov

New York State Energy Research and Development Authority
866-NYSERDA | nysesda.ny.gov