



NY GovBuy

co-sponsored by



Office of
General Services

Sustainable Procurement Using OGS Contracts

Green Procurement Team
NYS OGS Procurement Services



April 30 & May 1, 2019

#2019NYGovBuy  @NYSPRO  @nysprocurement



Agenda

- Introduction
- Frequently Purchased Green Products
- Solar contracts
 - PV Systems
 - Solar PPAs
 - Community Solar



The Green Procurement Team

The Green Procurement Team was formed in April of 2017 to:

- Help purchasers find green products
- Develop green contracts
- Identify savings and benefits



The Green Team:

- Sean Hume
 - Assistant Director
- Todd Gardner
 - Team Leader
- Kelly Rothkopf
- Todd Kayser
- Jonathan Davis



GreenNY





GreenNY Website: Resources for Purchasing and Operations

- Buying Green - EPP
- Energy
- Resources for Education and Engagement
- Toxics Reduction
- Three R's: Reduce, Reuse, Recycle
- Conservation of Natural Resources



Environmentally Preferable Purchasing



Energy Efficiency



GreenNY Knowledge Resources



Toxics Reduction



State Agency Waste Reduction, Reuse, Recycling



Conserving Natural Resources

Finding Green Products

1. Preferred Sources

- Hand Soap and Cleaning Products:
 - Corcraft, NYSPSP and NYSID
- Paper Towels, Toilet Tissue, Electric Hand Dryers and LED A19 lightbulbs:
 - NYSID

2. OGS Centralized Contracts

- GreenNY website – ogs.ny.gov/GreenNY

OGS GreenNY Website

BUY GREEN

Products Available Through Preferred Sources or Centralized Contract

Search:

Product	Source	Title	Award #	EO 4 Specification
Air Conditioners (Energy Star)	Contract	Industrial and Commercial Supplies	39000	Room Air Conditioners
Buses, Transit (hybrid optional)	Contract	Buses, Transit (adult passenger)	22945	n/a
Carpet and Tile	Contract	Floor Covering	23063	Carpet and Carpet Tile
Compact Fluorescent Lamps	Contract	Industrial and Commercial Supplies	22918	Lighting, Fixtures, Ballasts and Lamps
Copy Paper with Recycled Content	Contract	100% Recycled Copy Paper, Processed Chlorine Free, Truckload Lots	23064	n/a
Copy Paper with Recycled Content	Contract	Recycled Copy Paper, Less Than Truckload	23078	n/a
Desktop and Laptop Tablet Computers	Contract	Aggregate Buy	22802	Desktop and Laptop Computers
Diesel - B5, B10, and B20 Biodiesel	Contract	Ultra Low Sulfur Diesel and Biodiesel Fuel (On-Road Use Only)	23094	n/a
Disinfectants and Sanitizers	Contract	Environmentally Preferable Cleaning Products	22830	Disinfectants and Sanitizers
Drinking Fountains with Bottle Refill Stations	Contract	Industrial and Commercial Supplies	22918	Drinking Fountains
Electric Hand Dryers	Preferred Source	NYS Industries for the Disabled	n/a	Electric Hand Dryer
Electric Hand Dryers	Contract	Environmentally Preferable Cleaning Products	22830	Electric Hand Dryer
Electronic Ballasts	Contract	Environmentally Preferable Lighting	23083	Lighting, Fixtures, Ballasts and Lamps

Find Green Products Table:

- Product Type
- Group
- Award
- Contract Name
- Link to contract
- Link to EO4 Specification

<https://ogs.ny.gov/greenny/green-purchasing-products-and-sources>





New and Upcoming

- eMarketplace GreenNY Icon
- Community Solar
- STEAM
- Compostable Cafeteria Trays



Frequently Purchased Green Products

- Printing
- Green Cleaning Products
- Janitorial Paper
- EPEAT Computers
- Lighting
- Recycling and Composting
- Zero Emission Vehicles/Charging Stations
- Solar Power



Printing – Printers, Consumables and Paper

- EPEAT Silver recommended
- EPEAT Gold available
- Use Default Settings:
 - Print double sided
 - Print black and white
 - Eliminate cover pages





Toner Cartridges

Purchase:

1. High Yield Remanufactured
2. High Yield OEM
3. Remanufactured

Consider:

- UL Ecologo, Blue Angel, Nordic Swan certifications
- Third party performance testing: RIT Printing Applications Lab, Buyers Lab
- Emissions Testing
- Free of hazardous substances





Recycled Copy Paper

- Post Consumer Fiber (PCF)
 - 100% PCF Recommended
 - 30% minimum
- Processed Chlorine Free
- Less than truckload lots:
 - Group 50211, Award 23078
- Truckload lots:
 - Group 50213, Award 23064



Green Cleaning (Group 39000, Award 22830)

- All green contract
- 12 product categories:
 - Cleaners
 - Powered Equipment
 - Bagged Ice Melt Products
 - Waste/Recycling/Composting Liners
 - Janitorial Paper
 - And more ...

Computers & Displays

EPEAT Bronze Certified

- New standard released in 2018
- 4.1.2.1 Restriction of the use of Cadmium
- For lead free devices, 4.1.6.2 Reduction of substances on the EU REACH candidate list of Substances of Very High Concern (SVHC)



OGS Aggregate Buy Program

- Group 73600, Award 22802
 - Over 2 million EPEAT devices purchased since 2008
- Savings and Environmental Benefits
 - Over \$850 million in savings off of the NYS contract price
 - Energy Savings/GHG Reductions



EP Lighting (Group 05400, Award 23085)

- All green contract
- Competitive pricing
- Savings and environmental benefits
- Troffers, high bay lighting, street lights, wallpacks, LED T8 Tubes, LFLs, Ballasts





Zero Emission Vehicles

- DEC/OGS Aggregate Buy
 - Offered since 2016
 - Over 160 vehicles purchased
 - Over \$4.5M in purchases
- Vehicles offered:
 - Battery Electric Vehicles
 - Plug in Hybrid Electric Vehicles
- For more information contact the Green Procurement Team



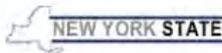
Solar Contracts (Group 05302)

- PV Systems (Award 23137)
- Solar PPAs (Award 23017)
- Community Solar



Where to find the OGS Solar Contracts

- Go to the 'Procurement Services website:
<https://ogs.ny.gov/procurement/ogs-centralized-contracts>
- Scroll down to the gold section titled: "CONTRACTS BY TYPE" and select "COMMODITY CONTRACTS"
- The page will display an alphabetical list of our contract groups



[Procurement Services Home Page](#) | [Search](#) | [Commodities](#) | [Information Technology](#) | [Services](#) | [Telecommunications](#)

State Contract Award Notices-Commodities

Group	Description
000	_General Information
302	Athletic Equipment
388	Audio-Visual & Photographic Equipment & Supplies
303	Automotive Equipment & Supplies
057	Automotive, Oil, Automatic Transmission Fluid, etc.
306	Automotive, Tires & Tubes
350	Automotive, Vehicle Lifts & Gasoline Dispensing Pumps
404	Automotive, Vehicles, Automobiles, Cars
405	Automotive, Vehicles, Trucks, Vans, Carryalls, School Buses
200	Books, Magazines, Periodicals, Publications
231	Bulletin Boards, Chalk Boards, Directories
206	Carpets, Carpet Tiles, & Rugs
321	Chemicals, Calcium Chloride
400	Clothing Apparel
102	Drugs & Pharmaceuticals
053	Electricity
382	Electronic Equipment & Supplies
390	Equipment, Industrial & Commercial Supplies
361	Food Service Equipment, Kitchen & Cafeteria
024	Food, Groceries, Food, Household Supplies, Sundries
016	Food, Milk & Dairy Products
055	Fuel Oil, Heating, Burner
056	Fuel, Gasoline & Diesel Engine
058	Fuel, Liquefied Propane Gas (LPG)
059	Fuel, Natural Gas, CNG
009	Furniture, Commercial

Commodity contracts:

- Alphabetical by Description
- Group numbers link to awards





[Home](#) [Contact Us](#) [NYSPRO Search](#) [Site Map](#)

[Procurement Services Home Page](#) | [Search](#) | [Commodities](#) | [Information Technology](#) | [Services](#) | [Telecommunications](#)

State Contract Award Notices - Commodities

Electricity (Group 053)

Group-Award	Description
05302-23017	Solar Power Purchase Agreements
05302-23137	Photovoltaic Systems, Installation Services

© State of New York, Office of General Services
[Website Disclaimer](#) | [Privacy Policy](#)

Solar Power

PV Systems (Group 05302, Award 23137)

- Purchaser buys, owns and maintains the solar system



Solar PPAs (Group 05302, Award 23017)

- Contractor builds, owns and operates the system
- Purchaser buys the electricity, typically 20 or 25 year agreement



PV Systems

- Up-front purchases
- Product and Installation
- Mini-Bid Contract
- 5 year contract

Lot 1: Photovoltaic Systems

Packaged Photovoltaic Systems	Solar Modules (Solar Panels)
Racking Systems	Inverters
Charge Controllers	Battery Packs
Ancillary Products	Miscellaneous Photovoltaic Products

Lot 2: Installation Services

To provide Lot 2 Installation Services:

- All Installation Services must be related to and ordered in conjunction with Products offered under the Bidder's award for Lot 1 – Products.
- Installation Services shall not be performed for Products not purchased through this Solicitation or offered by another Contractor's Lot 1 award.
- Contractors may be awarded one or more of the following three system size installations:
 - Item 1: 0 to 100 kW systems
 - Item 2: 101 to 500 kW systems
 - Item 3: >500 kW systems

Contractor Information

OGS CONTRACT NUMBER	CONTRACTOR INFORMATION	
PC68453 SBE	<p>National Manufacturing & Distribution, Inc. dba National Solar Technologies 166 Taylor Drive Depew, NY 14043</p> <p>Federal ID: 16-1490476 NYS Vendor ID: 1000057219</p>	<p>Customer Service: Paul Vargovich Phone: 716-683-2505 ext 108 E-mail: paul@NSTsolar.com</p>
PC68454 SBE	<p>Solar Liberty Energy Systems, Inc. 6500 Sheridan Drive, Suite 120 Buffalo NY 14221</p> <p>Federal ID: 20-0242309 NYS Vendor ID: 1100017831</p>	<p>Customer Service: Adam K. Rizzo Phone: 716-634-3780 E-mail: akrizzo@solarliberty.com</p>





What are Photovoltaics Systems (PV)?



PV Systems



PV Systems





Solar PPAs

- No upfront cost
- Purchaser enters into a Solar Power Purchase Agreement (PPA)
- Mini-Bid Contract
- OGS is currently conducting a Periodic Recruitment to establish additional contracts
- OGS is currently in a restricted period for this contract



Lots

Lot 1: On-Site Net Metered Ground System

This lot is for Photovoltaic Systems mounted onto a structural frame consisting of a combination of structural members including but not limited to aluminum or steel poles, rails and channels connected to multiple rows of individual footings, which is located on the same parcel as the facility for which it will be used to offset electricity.

Lot 2: Remote Net Metered Ground System

This lot is for Photovoltaic Systems mounted onto a structural frame consisting of a combination of structural members including but not limited to aluminum or steel poles, rails and channels connected to multiple rows of individual footings, which will not be located on the same parcel as the facility for which it will be used to offset electricity.



Lots, Continued

Lot 3: On-Site Net Metered Pole System

This lot is for Photovoltaic Systems mounted onto a single row of structural columns connected to individual footings which will be located on the same parcel as the facility for which it will be used to offset electricity. Pole mounted systems are elevated PV racking systems. As opposed to traditional ground mounted systems, users may require to have systems elevated from the ground for clearance purposes. The final type and clearance will be determined by the specific customer at the time of a project and specified in the min-bid.

Lot 4: Remote Net Metered Pole System

This lot is for Photovoltaic Systems mounted onto a single row of structural columns connected to individual footings, which will not be located on the same parcel as the facility for which it will be used to offset electricity.





Lots, Continued

Lot 5: On-Site Net Metered Parking Canopy System

This lot is for Photovoltaic Systems located on the same parcel as the facility for which it will be used to offset electricity, and which will be attached to a structural frame mounted onto a parking canopy.

Lot 6: On-Site Net Metered Roof System

This lot is for Photovoltaic Systems located on the same parcel as the facility for which it will be used to offset electricity, and which will be attached to a structural frame that is mounted onto a roof.



Items (included in all Lots)

Item 1: Remote Net Metered Pole System, less than 200 kW

Item 2: Remote Net Metered Pole System, 200 kW to 1000 kW

Item 3: Remote Net Metered Pole System, greater than 1000kW

Item 4: Storage System with smart inverter for Remote Net Metered Pole

Item 4 (All Lots): Solar Power Storage System with Smart Inverter

This item is for solar power storage systems and includes all equipment necessary to provide power storage, manage the use of the power and integrate the storage system into the Photovoltaic System including but not limited to batteries, other power storage devices, hybrid inverters, smart inverters, battery based grid tie inverters and safety disconnects.

Solar PPAs: What do these Lots look like?

#2019NYGovBuy  @NYSPRO  @nysprocurement

Lots 1 and 2: Ground Mounted System



Lots 3 and 4: Pole Systems



Lot 5: Parking Canopy System



Lot 6: Roof System



Contractors:

- Ameresco Inc - PS934AA
- Harvest Power, LLC - PS926AA (SB)
- HESP Solar, LLC - PS932AA (SB)
- Nexamp, Inc. - PS927AA
- Sustainable Energy Developments, Inc.
D/B/A Greenspark Solar - PS928AA (SB)
- SOL Systems, LLC - PS929AA
- Solar Liberty Energy Systems Inc. - PS930AA (SB)
- Tesla Energy Operations, Inc. - PS933AA
- Tesla Laboratories, Inc. - PS931AA (DV)

Community Solar

Status:

- New solicitation for the purchase of subscriptions to existing community solar projects
- Planning to release in the early summer of 2019
- Plan to award in the fall of 2019



Community Solar: How it Works





Community Solar

Highlights:

- Potential users include smaller facilities where an on-site or remote systems are not economical
- Subscribers are supporting the use of renewable energy,
- Can help achieve mandated renewable energy goals,
- No solar panels or equipment on your roof or property,
- No up front cost to join,
- Easy cancellation with 90 days notice.



Questions?



**Green Procurement Team
NYS OGS Procurement Services**