9. General Site Maintenance		
Item	Service Description	Frequency
1	Visual inspection of the general site conditions, vegetation, animal damage, and erosion.	1x per year
2	Visual inspection of fencing, gates, locks, and other access or security equipment.	1x per year
3	Monitor trees and larger vegetation to prevent shading. If shading is present or imminent, O&M Contractor will assist Owner in identifying a third party service to conduct the needed remediation. O&M Contractor will provide direction to that third party as to what vegetation needs to be trimmed.	1x per year
4	Remove all rubbish, animal nests, dead animals, and other obstructions from underneath array, electrical equipment servicing zones, and other key access areas.	1x per year
5	Take inventory of any on-site inventory items such as replacement parts, maintenance equipment, and safety equipment (including spill-kits).	1x per year

10. Cleaning Requirements		
Item	Service Description	Frequency
1	Clean PV modules with pressurized plain water. Do not use brushes, any types of solvents, abrasives, or harsh detergents. The timing of cleanings are at the discretion of the O&M Contractor but preferably before summer, and after a period of no rainfall or when there is an event that affects the production of the Project.	As Requested for additional fee

Corporate Headquarters
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Operations and Maintenance: Option A (Full Standard Roof Mount) - $1,324.80/yr

Solar Liberty provides a comprehensive Operations and Maintenance portfolio of services. The following section broadly describes the services offered under a typical Operations and Maintenance Program with Solar Liberty. The listing can be tailored to suit both the Customer's facility and the level of detail necessary to meet the Customer's needs.

General Provisions:

I. Standard working hours shall be defined as the hours 8 am through 5 pm Local Time, Monday through Friday, excluding holidays. Emergency hotline and response to be defined separately.

II. If not explicitly stated otherwise, all work described within this Scope of Work shall be performed during standard working hours.

III. Solar Liberty recommends the customer maintain the appropriate factory warranty for all major system components throughout the term of the contract. Repairs required on components without a valid, enforceable warranty will be completed under a time and material basis.

IV. If monitoring services are defined, the Customer shall provide full, remote site access to monitoring at Customers expense.

V. All scheduled and unscheduled work performed by Solar Liberty or its subcontractors will be recorded on relevant checklists and inspection sheets. (Example provided separately.)

1. Racking		
Item	Service Description	Frequency
1	Visually Inspect 10% of racking hardware.	1x per year
2	Verify Torque of 10% of bolted racking connections (if applicable).	1x per year
3	Visually inspect all racking footings for cracking, deformation, and degradation of ballast blocks (if applicable).	1x per year
4	Visually inspect panel support structure for impacts, excessive corrosion, paint wear, or any other damage.	1x per year

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2. Solar Modules, Connections, and Wire Management		
Item	Service Description	Frequency
1	Visually inspect modules for damage including, but not limited to, glass breakage, oxidation, moisture inside, yellowing or browning of sealant, discoloration or deformation of backsheet, and deformation of module junction box.	1x per year
2	Check tightness of 10% of module to module connections.	1x per year
3	Visually inspect wiring for drooping wires, frayed insulation, unnecessary strain. Perform any minor wire management correctives. If additional remediation is required, contractor will provide estimate to owner.	1x per year

3. Inverters		
Item	Service Description	Frequency
1	Visually inspect inverter wiring and connections.	1x per year
2	Visually inspect inverter interior for signs of water damage or moisture accumulation.	1x per year
3	Check inverter wiring connection tightness.	1x per year
4	Test inverter grounding continuity.	1x per year
5	Verify inverter displays no active errors or alarms.	1x per year
6	Verify inverter operating properly (including, but not limited to: unusual noises, LCD screen, LED indicators, and buttons).	1x per year
7	Verify AC and DC disconnect switches operating properly	1x per year
8	Inspect air filters and fans. Clean as necessary. If replacement is required contractor shall provide estimate to owner.	1x per year

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4. DC Combiner Box (or Inverter Wirebox)		
Item	Service Description	Frequency
1	Visual inspection of combiner or wire boxes for signs of water damage, moisture accumulation, rodent nests, etc.	1x per year
2	Test combiner box grounding continuity	1x per year
3	Visually inspect wiring and connections.	1x per year
4	Mechanically test all fuses and disconnects for functionality.	1x per year
5	Thermal imaging of DC string connections.	1x per year
6	IV Curve tracing of all DC strings.	1x per year

5. Conduit and Junction Boxes		
Item	Service Description	Frequency
1	Visually inspect all accessible DC conduit, cable tray, expansion fittings, and weatherheads (if applicable), for signs of impact, rodent damage, water buildup, and any other damage.	1x per year
2	Visually inspect all accessible AC conduit, cable tray, expansion fittings, and weatherheads (if applicable), for signs of impact, rodent damage, water buildup, and any other damage.	1x per year
3	Visually inspect all accessible pull boxes or junction boxes for signs of impact, rodent damage, water buildup, and any other damage.	1x per year

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6. Low Voltage AC Equipment		
Item	Service Description	Frequency
1	Visually inspect all AC Panel Boards for signs of water damage or moisture accumulation.	1x per year
2	Mechanically test all AC Panel Board breakers for operability.	1x per year
3	Visually inspect Low Voltage Switchgear cabinets for signs of water damage or moisture accumulation.	1x per year
4	Mechanically test all Low Voltage Switchgear for operability.	1x per year
5	Visually inspect Grounding Transformer enclosure.	1x per year
6	Visually inspect all equipment pads for cracks or unacceptable settling.	1x per year
7	Thermal imaging of AC Panel Board connections.	1x per year
8	Thermal imaging of LV switchgear connections.	1x per year
9	Test equipment grounding continuity.	1x per year

7. Medium Voltage AC Equipment		
Item	Service Description	Frequency
1	Visually inspect Transformer and equipment pad for signs of oil leaks, damage, and unusual corrosion.	1x per year
2	Verify Transformer oil level is within manufacturer spec.	1x per year
3	Visual inspection of exterior of customer metering cabinet and pad.	1x per year
4	Visual inspection of overhead medium voltage equipment.	As requested for additional fee.

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8. Metering and Monitoring Equipment		
Item	Service Description	Frequency
1	Verify meters are operating, communicating reliably, and measuring coherent values compared to backup meters.	1x per year
2	Visually inspect monitoring equipment boxes for damage, signs of water or moisture.	1x per year
3	Verify accuracy of sensors, monitoring devices, comms equipment, and weather station.	1x per year

9. General Site Maintenance		
Item	Service Description	Frequency
1	Visual inspection of the general site conditions, vegetation, animal damage, and erosion.	1x per year
2	Visual inspection of fencing, gates, locks, and other access or security equipment.	1x per year
3	Monitor trees and larger vegetation to prevent shading. If shading is present or imminent, O&M Contractor will assist Owner in identifying a third party service to conduct the needed remediation. O&M Contractor will provide direction to that third party as to what vegetation needs to be trimmed.	1x per year
4	Remove all rubbish, animal nests, dead animals, and other obstructions from underneath array, electrical equipment servicing zones, and other key access areas.	1x per year
5	Take inventory of any on-site inventory items such as replacement parts, maintenance equipment, and safety equipment (including spill-kits).	1x per year

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10. Cleaning Requirements		
Item	Service Description	Frequency
1	Clean PV modules with pressurized plain water. Do not use brushes, any types of solvents, abrasives, or harsh detergents. The timing of cleanings are at the discretion of the O&M Contractor but preferably before summer, and after a period of no rainfall or when there is an event that affects the production of the Project.	As Requested for additional fee

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Company Profile

Solar Liberty Information

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NEW YORK STATE | NYSERDA Quality Solar Installer Gold Status – 2025

Since our inception in 2003, Solar Liberty has been continually expanding and reinvesting in New York State. Our focus is on solar energy, while utilizing proprietary equipment and processes. Solar Liberty's business model of in-house engineering, full-time solar crews, and strict attention to detail leverages innovation and solar industry expertise to install, own, operate and maintain PV systems, with lower costs and more value-added services than our competition. Solar Liberty is licensed in NYS and the organization is owned and operated by brothers, Adam and Nathan Rizzo.

Solar Liberty is a turnkey solar energy developer, which means we handle all aspects of solar electric installations from concept through ownership. We believe our approach sets us apart from other solar installation companies and enables us to provide a value-added service to our customers that are second-to-none. The record number of installations, coupled with the number of pleased repeat customers, is a testament to our attention to detail. We consistently execute a finely tuned systematic approach from the initial sale of a project and its in-house design, right through to the completed installation and ownership.

With over 5,000 solar PV systems installed, we have learned through experience both the idiosyncrasies that are inherent to every application, and the similarities that foster an efficient process built over the last 20 years in New York State. NYSERDA and the Department of Energy awarded the "Outstanding Achievement Award" to Solar Liberty for being the Largest Solar Electric Installer in New York State. In 2008, Inc. Magazine recognized Solar Liberty as the fifth fastest growing private company in the United States energy sector and the number one fastest growing solar energy company in the country. In 2018, Solar Power World recognized Solar Liberty as the #1 "Top Solar Contractor" in New York State. In addition, we again received in 2025 the distinction of "Quality Solar Installer, Gold Status" by NYSERDA. The entire Solar Liberty team is committed to promoting energy independence through the widespread installation of grid-tied PV solar energy systems.

As a large volume purchaser of solar equipment from top-tier manufacturers, Solar Liberty has the ability to negotiate the best pricing and pass the savings along to their customers. Solar Liberty has installed and distributed more than 450 megawatts of solar (over 1,400,000 panels) to date and that number continues to grow every day. In addition, our sister company's proprietary solar panel mounting solution, DynoRaxx, is one of the "go-to" mounting solutions for solar installers throughout the entire United States. Designed and patented by our Vice President, Nathan Rizzo, DynoRaxx has allowed Solar Liberty to become vertically integrated for maximum efficiency and quality control with our racking solutions.

Dedicated to being a leader in the solar energy sector, Solar Liberty draws on New York State resources and is committed to creating New York State jobs. The majority of our talented team of engineers and office personnel has graduated from New York State colleges and universities. Simultaneously, our installation teams represent the perfect example of transforming traditional blue-collar trades into modern green-collar professionals while producing a new skill set for the future.

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UNIVERSITY AT BUFFALO SOLAR STRAND

The UB Solar Strand, appearing overhead as a DNA strand, is an artistic array of 3,200 230 Watt panels designed by world-renowned landscape architect Walter Hood.

According to the Sustainability Department at the University at Buffalo, the purchased UB Solar Strand installation is *"the largest on a New York state campus and among the largest on any campus in the country. What makes this project truly unique is that it moves beyond simply obtaining carbon neutrality and lessening our environmental footprint. It also welcomes students, faculty, staff and community members to campus through a connected cultural and natural landscape. This is one of the most publicly accessible renewable energy parks across the globe."*

UB Solar Strand
2012

Amherst, NY

747.30 kW

Offsets 600 tons of CO_2 per year

Contact: Don Erb
Facilities Sustainability and Energy Management
University at Buffalo
Ph.: 716-645-5619
Email: erb@buffalo.edu

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UNIVERSITY AT BUFFALO-MILLERSPORT SOLAR ARRAY

The Millersport Solar Array is a groundbreaking solar array, consisting of 16,770 400-Watt panels, spanning more than 24 acres. This stunning application will provide power to more than 1,350 homes on an annual basis.

"After a lot of planning, analysis, and work, we are looking forward to dramatically increasing the amount of clean energy we generate here at UB for our students, staff and faculty. In addition to lowering our carbon emissions, this work will assist with decreasing volatility in the energy prices we pay and increase stability in our university budgeting." - Laura Hubbard, VP for Finance and Administration, UB

Millersport Solar Array
2019

Getzville, NY

6,570 kW

Offsets 4,656 tons of CO_2 per year

Contact: Don Erb
Facilities Sustainability and Energy Management
University at Buffalo
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TOWN OF TONAWANDA LANDFILL

The Town of Tonawanda has turned a brownfield into a brightfield, by leasing their landfill to offset its electric bills through an 8,138 320-watt solar panel installation. Financing for the system was provided through a PPA.

According to www.wivb.com (Released 6/12/19) – "*Solar Liberty is working on a joint project with the town to install a solar farm, more than 8,500 solar panels…The town gets the power at a rate lower than what National Grid charges. "We produce the power and then we will sell our power to the Town of Tonawanda at a lesser rate than the credit that the utility company will provide," Nathan Rizzo, Solar Liberty VP said. Turning what would have otherwise been useless property into a productive, 10-acre solar farm is a win for Solar Liberty and the Town of Tonawanda…Officials estimate the solar project will cut the town's electric bill by about $60,000 in the first year and gradually grow after that."*

Town of Tonawanda Solar
2020

Tonawanda, NY

2,604.16 kW

Offsets 2,288 tons of CO_2 per year

Contact: Matt Sutton, Town Engineer
Town of Tonawanda
Ph.: 716-957-1570Email:
msutton@tonawanda.ny.us