



**Preliminary Operation and Maintenance Plan  
Miller Hill Road Solar and Miller Hill Road Solar West  
August 7, 2023**

**Operation & Maintenance**

Maintenance of site is required to ensure that project and the site operate in accordance with all permits and approvals. To that end, the following maintenance practices will be used.

1. **Gravel Driveways** – Driveways will be visually inspected monthly for trash and debris and inspected yearly for ruts and washouts. Impacted areas shall be re-graded.
2. **Snow Removal** – Snow removal within driveways shall be removed/stockpiled for all snow events with greater than 4" of snow accumulation in order to provide clear access to the site.
3. **Solar Equipment and Site Maintenance** – Periodic inspection of the perimeter fence, solar array, and connection infrastructure shall be made by the site operator. Repairs will be made as needed.
4. **Vegetation Management** – Vegetation within the solar array, under and around the solar panels, and inside the perimeter fence shall be mowed periodically (typically three times per growing season) as needed to maintain the pollinator dominant plant cover. Tree species surrounding the solar array shall be maintained so that no vegetation will shade the panels. Pesticide and herbicides will not be used on the site.

Forest Cover shall be maintained to the greatest extent possible, while maintaining canopy height requirements for the solar arrays. NO tree cutting or clearing shall be done in any jurisdictional areas other than what is permitted.

5. **PV Monitoring System** – The solar inverters will be equipped with built-in communication modules that collect data about the system's performance including power output, voltage, current, energy production, and system status. It will be configured to send notifications if any irregularities or issues arise (e.g., broken or shaded panel, loose connections). The monitoring system will be designed to promptly notify the operator through email or SMS notification. A contracted vendor located in proximity to the site will be dispatched as needed to complete repairs.

6. **Severe Weather** – In the case of severe weather, the owner will complete a site inspection to confirm there is no damage, down trees, etc. to the facility. The Town of East Greenbush will be notified if any repairs are required. For purposes, the O&M Plan, “severe weather” is defined a 100 year flood event, tornado, tropical storm or hurricane and/or hail event in the vicinity of the site.
7. **Inspections** – Owner will complete quarterly inspections of the project to confirm there are no outstanding maintenance issues and all security systems are functioning. On an annual basis, one of these inspections will be completed in conjunction with the Town of East Greenbush Building Inspector.
8. **Reporting** – An Annual Inspection Report will be submitted yearly to the Town of East Greenbush Building Inspector. The Annual Inspection Report will confirm rated capacity of the system and the amount of electricity that was generated by the system and transmitted to the grid over the most recent twelve-month period.

The Annual Inspection Report will also need to identify any change in ownership of the system and or land upon which the system is located, and the identification of a change in party for the decommissioning and removal of the system upon its abandonment. The annual report shall be submitted to the Town Building Inspector no later than 45 days after the end of the calendar year. As part of this report, every third year of the report should include a recalculation of the estimated full cost of decommissioning and removal.

## 9. Contact Info

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