



## North Chelsea Solar A LLC O&M Plan

April 29<sup>th</sup>, 2024

Nexamp Asset Management Services Inc. (NAMS) is a full-service photovoltaic Operations and Maintenance Company, servicing more than 735 MWs of solar PV as of February 2024. North Chelsea Solar A LLC intends to contract with NAMS in order to provide O&M services.

Attached to this Services Plan is a typical scope of work for an O&M provider for a large-scale solar PV array. NAMS has used this scope of work as the basis for its services for infrastructure that it currently maintains. In the following template, "Contractor" represents NAMS and "Owner" represents the project owner, North Chelsea Solar A LLC.

The primary services under the scope of an O&M agreement include:

- Annual array preventative maintenance inspection, daily remote monitoring, unscheduled maintenance repair services, vegetation management and scheduled equipment replacement.
- On-site services typically require one or two pick-up trucks and two to four licensed technicians. 5 to 15 visits per year.
- Aerial inspections with small unmanned aerial systems occur annually or biannually, where permissible, using registered and insured operators and aircraft for the purpose of assessing module damage, degradation or shading.
- Technicians perform work with hand tools and battery-operated power tools and rarely require generators or any motorized or heavy equipment.
- The array is designed to facilitate major equipment replacement using truck mounted boom lift every 10-15 years.

Maintenance Activities:

- Mowing operations are typically conducted two to four times per season, depending on the weather conditions and resultant growth. Normally, five to ten personnel using ride-on and self-propelled mowers, brush hogs and weed whackers will perform the mowing operations. Sheep are also used on some sites and graze from June to September.
- The entire Site is inspected for any erosion problems upon each site visit and maintenance activity, a minimum of two times per year. Any erosion to roads, embankments, drainage structures/basins, ground cover, plantings etc. is repaired using similar methods to the initial install, with like equipment and materials.



Potentially, additional erosion control blankets, jute netting, etc. will be added to protect the maintenance improvement.

- Depending on the array location and surrounding vegetation, an arborist with boom truck will thin shading tree growth and limbs adjacent to power lines.
- North Chelsea Solar A does not anticipate conducting module washing at this site. In the event that modules are washed, cleaning solution consists of 100% water, which may also be deionized. Water is trucked in and the work is typically performed by two to four technicians using backpacks and scrubbing wands.
- Snow removal may be required to allow site access during winter months. The access roads will be cleared for service access as needed. Snow removal operations will not be performed within the array areas. Snow clearing from modules may be completed depending on the amount and type of snow, to facilitate production. Snow clearing is completed manually by laborers using handheld squeegees.
- Inspection of the storm water management facilities will occur during each scheduled site inspection, no less than biannually, with maintenance provided to restore the facilities to their original condition and proper function.