

NEXAMP – DECOMMISSIONING PLAN FOR WILSON HILL SOLAR, LLC

5,000 kW AC Solar

WILSON HILL SOLAR, LLC, an affiliate of Nexamp Solar, LLC, has prepared this Decommissioning Plan (Plan) for its proposed solar photovoltaic facility (Facility) to be constructed on private property located in Hoosick, New York. The Plan describes the process for decommissioning the Facility in accordance with state requirements and NYSERDA recommendations.

Facility Description

The Facility will consist of a 5,000 - kilowatt (MW) capacity solar power-generating array secured within a fixed knot farm fence surrounding the solar panels and equipment, accessed through a locked gate located inside the property. The Facility will include the following site features:

- PV Modules, inverter(s), and transformer (filled with biodegradable mineral oil)
- Combiner boxes and switchgear
- Concrete pad(s)
- Screw or driven piles and racking to support the PV modules
- DC and AC wiring
- Aboveground wooden utility poles and overhead wires
- A gravel access drive
- Exterior 7-foot security farm fencing
- A security gate at the entrance to the array area

Decommissioning Plan

The Facility will be decommissioned by completing the following major steps: Dismantlement, Demolition, and Recycle or Disposal; and Site Stabilization, as further described below.

Dismantlement, Demolition, and Recycle or Disposal

A significant portion of the components that comprise the Facility will include recyclable or re-saleable components, including copper, aluminum, galvanized steel, and modules. Due to their re-sale monetary value, these components will be dismantled, disassembled, and recycled rather than being demolished and disposed of.

Following coordination with National Grid (Grid) regarding timing and required procedures for disconnecting the Facility from the utility distribution network, all electrical connections to the system will be disconnected and all connections will be tested locally to confirm that no electric current is

running through them before proceeding. All electrical connections to the PV modules will be severed at each module, and the modules will then be removed from their framework by cutting or dismantling the connections to the supports. Modules will be removed and sold to a purchaser or recycler. In the event of a total fracture of any modules, the interior materials are silicon-based and are not hazardous. Disposal of these materials at a landfill will be permissible.

The PV mounting system framework will be dismantled and recycled. The metal piles will be removed from their approximated depth of four feet and recycled. All other associated structures will be demolished and removed from the site for recycling or disposal. This will include the site fence and gates, which will likely be reclaimed or recycled.

Grade slabs will be broken and removed to a depth of one foot below grade, and clean concrete will be crushed and disposed of off-site or recycled (reused either on- or off-site). The portion of the gravel access road created specifically for the project, namely that portion within the perimeter fence surrounding the PV modules, will be removed as well.

Aboveground utility poles owned by Wilson Hill Solar, LLC will be completely removed and disposed of off-site in accordance with utility best practices. Any overhead wires will be removed from the Facility and will terminate at the utility-owned (Grid) connections inside the property. The access road will remain in place and Grid will be responsible for dismantling those overhead wires and poles under its ownership. Coordination with Grid personnel will be conducted to facilitate removal of any poles and overhead wires located on the site.

A final site walkthrough will be conducted to remove debris and/or trash generated during the decommissioning process and will include removal and proper disposal of any debris that may have been wind-blown to areas outside the immediate footprint of the facility being removed.

Finally, New York State Department of Agriculture and Markets standards are required, and are hereby incorporated into this document. Please see attachment A for the guidelines. This document requires a high standard in addressing site remediation, and will sufficiently protect farmland parcels like this project.

Site Stabilization

The areas of the Facility that are disturbed during decommissioning will be re-graded to establish a uniform slope and stabilized via hydroseeding with a ground treatment approved by the Building Inspector.

Permitting Requirements

Given the size and location of the Facility, several approvals will be obtained prior to initiation of the decommissioning process. Table 1 provides a summary of the expected approvals if the decommissioning were to take place in June of 2023. Noting that the decommissioning is expected to occur at a much later date, the permitting requirements listed in the table below will be reviewed at that time and updated based on then current local, state, and federal regulations.

Table 1. Current Permitting Requirements for Decommissioning

Permit	Agency	Threshold/Trigger
State Pollutant Discharge Elimination System (SPDES) General Permit for Discharges from Construction Activity	New York State Department of Environmental Conservation (NYSDEC)	Ground disturbance of greater than 1 acre with discharge to wetlands or water bodies. Requires preparation of a Stormwater Pollution Prevention Plan, including erosion and sedimentation controls.
Building Permit	Town of Hoosick, NY – Code Enforcement Office	A building permit must be obtained for any construction, alteration, repair, demolition, or change to the use or occupancy of a building.

The decommissioning process is estimated to take approximately six to eight (6-8) weeks and is intended to occur outside of the winter season.



WILSON HILL SOLAR, LLC – DECOMMISSIONING SURETY

Consistent with the approach it has taken in other communities, Nexamp shall provide a decommissioning surety, to be posted in suitable form prior to the issuance of a certificate of occupancy from the Building Inspector, in the amount of **\$258,397.97**, or 51,579.59 per MW. This surety will provide the requisite capital for solar project decommissioning in the unlikely event that Nexamp is unable to meet its contractual obligations for solar project removal and restoration. The surety will also increase annually by 2%.

Below is a summary of the analysis:

Wilson Hill - Decommissioning Cost Estimate					
System Size: 5MW AC					
Date: November 15, 2023					
Removal and Restoration Components	Quantity	Units	Unit Cost	Total Cost	Cost/MW
Pursue Required Town Approval for Decommissioning	1.0	LS	\$ 1,000.00	\$ 1,000	\$ 200
Coordinate with Utility to Deenergize System	1.0	LS	\$ 1,000.00	\$ 1,000	\$ 200
Prepare SWPPP & Submit NOI	1.0	LS	\$ 2,500.00	\$ 2,500	\$ 500
Predecommissioning Conference	1.0	LS	\$ 500.00	\$ 500	\$ 100
Install Erosion and Sediment Control Features	1.0	LS	\$ 5,000.00	\$ 5,000	\$ 1,000
Remove Above-Ground Rack Wiring	26400.0	LF	\$ 1.07	\$ 11,286	\$ 2,257
Remove Panels and Associated Above Ground Wiring	10548.0	Ea	\$ 5.00	\$ 52,740	\$ 10,548
Dismantle Racks	453.0	Ea	\$ 136.00	\$ 61,608	\$ 12,322
Remove Transformer Equipment	1.0	Ea	\$ 2,000.00	\$ 2,000	\$ 400
Breakup and Remove Concrete Pad	93.3	SY	\$ 25.96	\$ 2,423.12	\$ 485
Stack and Transport Racks offsite for Recycling	34.4	TON	\$ 10.00	\$ 344.28	\$ 69
Remove Combiner Boxes	64.0	EA	\$ 60.00	\$ 3,840.00	\$ 768
Remove Underground DC Cabling	3600.0	LF	\$ 1.41	\$ 5,093.74	\$ 1,019
Remove Underground MV Cabling	2050.0	LF	\$ 1.41	\$ 2,900.60	\$ 580
Remove Ground Screws	906.0	EA	\$ 7.00	\$ 6,342.00	\$ 1,268
Remove Power Poles and Overhead Utility Line	6.0	EA	\$ 460.83	\$ 2,764.95	\$ 553
Remove and Fill Stormwater Management Infrastructure	9081.0	CY	\$ 2.60	\$ 23,576.19	\$ 4,715
Remove Fence and Gates	3720.0	LF	\$ 3.27	\$ 12,168.91	\$ 2,434
Remove Temporary Access Road	1250.0	CY	\$ 4.50	\$ 5,625.00	\$ 1,125
Transport Aluminum to Recycling Facility	34.4	TON	\$ 7.54	\$ 259.38	\$ 52
Decompact heavily compacted areas (tilling)	12.5	AC	\$ 850.00	\$ 10,625.00	\$ 2,125
Perform Soil Restoration in Roadway and Heavily Trafficked/Compacted Areas	1.3	AC	\$ 2,500.00	\$ 3,357.44	\$ 671
Reseed Disturbed Areas	25.0	AC	\$ 1,557.72	\$ 38,943.00	\$ 7,789
SWPPP Inspectiosn and Fil Notice of Termination	1.0	Ea	\$ 2,500.00	\$ 2,500.00	\$ 500
Subtotal:				\$258,397.97	\$ 51,679.59

Inflation table:

Year	Bond Amount
1	\$258,400
2	\$263,568.00
3	\$268,839.36
4	\$274,216.15
5	\$279,700.47
6	\$285,294.48
7	\$291,000.37
8	\$296,820.38
9	\$302,756.78
10	\$308,811.92
11	\$314,988.16
12	\$321,287.92
13	\$327,713.68
14	\$334,267.95
15	\$340,953.31
16	\$347,772.38
17	\$354,727.83
18	\$361,822.38
19	\$369,058.83

20	\$376,440.01
21	\$383,968.81
22	\$391,648.18
23	\$399,481.15
24	\$407,470.77
25	\$415,620.19
26	\$423,932.59
27	\$432,411.24
28	\$441,059.47
29	\$449,880.65
30	\$458,878.27
31	\$468,055.83
32	\$477,416.95
33	\$486,965.29
34	\$496,704.59
35	\$506,638.69
36	\$516,771.46
37	\$527,106.89
38	\$537,649.03
39	\$548,402.01
40	\$559,370.05

Attachment A