



Dedicated to Service... Committed to Excellence

October 2, 2023

Project No. 2023100

James Hoag
Chairman of the Town of Hoosick Zoning Board of Appeals
New York State Armory
80 Church Street
Hoosick Falls, NY 12090

RE: Green Slate Energy Inc. – Proposed Sheep Hill Community Solar Array

Dear Mr. Hoag:

Lamont Engineers, P.C. is pleased to submit this letter summarizing the Sheep Hill Solar Array Project (The Project).

I. Introduction

The applicant, Green Slate Energy Inc. is seeking approval for a proposed solar array located on lands owned by Jack and Linda Fitzsimmons, specifically tax parcel 56.-2-6.2. The lot is adjacent to Lebaron Road, approximately 700' north of the intersection with NYS Route 7.

It is proposed to construct a 4.7 MW DC / 3.0 MW AC solar array encompassing a total of 19 acres for the generation of electrical power. The solar power generating equipment is planned to be purchased, owned, and maintained through private investment and grant funds from multiple sources. This is a public benefit that is anticipated to reduce electricity costs by the generation of clean renewable energy. The proposed Community Solar Project will be an integral part of the electricity generation and transmission system, generating clean, renewable energy and distributing it to consumers throughout the grid.

The applicant is proposing a community solar project. Residents and local businesses can use the electricity generated from the Project at a lower cost. Consumers would receive electricity from the transmission utility (National Grid) in the same manner as they do now, but with a discount and the added benefit of knowing it is being generated from a renewable source in their own neighborhood.

As a community solar development, installation and operation of the Project is subject to the provisions of the Public Service Commission's (PSC) "New York State Standardized Interconnection Requirements and Application Process for New Distributed Generators and Energy Storage Systems 5MW or Less Connected in Parallel with Utility Distribution Systems." As such, the Project has applied for and received a final CESIR study and approval for a 5 MW AC interconnection from National Grid, the utility provider.

II. Existing Conditions

The existing parcel which will house the solar array is approximately 51 acres. The existing land use is predominantly forested areas, with some open fields. The surrounding land uses are primarily residential, agricultural fields, and vacant forests.

Website-based wetland mapping was reviewed as part of the site planning for this project. It was found that there are no state or federal wetlands in the project area.

III. Proposed Conditions

The proposed use for the site is a 19-acre solar array. It is proposed to develop the land as shown in the attached site plan to allow the construction of the ground-mounted solar array.

Layout

The design depicted in the plan set is a solar array layout. The final components have not yet been selected. Selection will be based on factors including component pricing and availability at the time of purchase. The depicted layout includes ground-mounted solar panels, concrete inverter pads, 15' wide aisles, and a fence that is 20' away from the solar panels. This allows easy access through the site for construction and maintenance vehicles. As shown in the plan, the area the fence encloses is approximately 19 acres.

The project is located in a parcel zoned as Agricultural & Residential (AR). The property line setback requirements are as follows:

- Front: 50'
- Side: 20'
- Rear: 10'

We do not anticipate that the project will encroach on these setback requirements.

Vehicular Access

Access to the site will be provided off the eastern side of Lebaron Road, approximately 900' from the intersection of NYS Route 7. A new access road will be constructed along the property line with Lebaron Road for construction, staging and maintenance purposes only. The road will be gated and only accessible to authorized personnel as per NEC and local codes. The road is expected to be 1,000 ft in length.

Stormwater

Stormwater is a concern for projects of this size, and as a result, it has been included in site planning. The New York State Department of Environmental Conservation (NYSDEC) has determined that ground-mounted solar arrays which do not alter ground cover do not change site hydrology, and as such, will not increase stormwater runoff. This project has been designed with pile-driven racking that will not change the site's ground cover.

A Stormwater Pollution Prevention Plan (SWPPP) will be prepared and a Notice of Intent (NOI) will be filed with the NYSDEC prior to construction. The SWPPP will be prepared in compliance with the NYS SPDES permit GP-0-20-001.

September 5, 2023

Page 3 of 4

Compatibility/Screening

The site is predominantly an unused, forested area. Natural screening along the eastern, western, and southern property lines. The proposed use is compatible with the surrounding area because it is largely farmed, open space. The highest anticipated point of the solar panels will be 16' above the ground.

Natural Features

The proposed site will preserve and utilize the existing slope and drainage pathways. As previously stated, natural screening will be preserved around 3 of the 4 sides of the proposed array. Mowing will be necessary as part of the site maintenance. It is expected that local sheep herders will be contracted to assist in maintaining vegetation on site.

Lighting

No site lighting is proposed.

Summary

The applicant is proposing the construction of a solar array for production of clean electrical power. The proposed use for this parcel requires minimal changes to the site and is compatible with the existing surrounding uses.

If you have any questions or comments, please feel free to contact me at your convenience.

Sincerely,

Asa Snyder
Assistant Project Engineer
Lamont Engineers, P.C.

cc: David Elliot, Enlighten Solar Inc.
Jodie Serowski, P.E., Lamont Engineers

Attachments

- A. Site Plan Review Application
- B. Application of Special Permit
- C. Abutters-Adjacent Property Owners
- D. Full EAF
- E. Agricultural Data Statement
- F. Sheep Hill Community Solar Array Site Plan

TOWN OF HOOSICK

P.O. BOX 17
HOOSICK FALLS, NY 12090
(518) 686-4571 * FAX (518) 686-5304

SITE PLAN REVIEW APPLICATION

| | NAME | ADDRESS |
|-----------|--------------------------|---|
| APPLICANT | Green Slate Energy Inc. | 14 Chickory Ln. Slingerlands NY 12159 |
| OWNER | Jack & Linda Fitzsimmons | 21303 NYS Route 22 Hoosick Falls NY 12090 |
| BUYER | N/A | |
| DEVELOPER | N/A | |
| ATTORNEY | N/A | |
| ENGINEER | Lamont Engineers | PO Box 610 Cobleskill, NY 12043 |
| SURVEYOR | N/A | |

CONTACT PERSON'S NAME Green Slate Energy Inc. C/O David Elliot PHONE 518-866-1017
ADDRESS 14 Chickory Ln. Slingerlands NY 12159

LOCATION: TAX MAP ID NUMBER 56.-2-6.2
DESCRIPTIVE LOCATION Adjacent to Lebarron Road, 700' N of intersection NYS 7

BRIEF DESCRIPTION OF INTENDED USE The applicant proposes to construct a 4.7 MW DC, 19 acre solar array. The project will provide clean renewable energy.

APPLICATION FEE (\$50.00) PAID DATE _____ RECEIPT # _____ RECEIVED BY: _____

SUBMITTED _____

APPROVED _____ MAPS ATTACHED _____

BUILDING INSPECTOR APPROVAL _____

FINAL APPROVAL _____

REASON FOR REJECTION OR DISAPPROVAL _____

SIGNED BY: David Elliott DATE _____

ATTACHMENT B

Application of Special Permit

Town of Hoosick
Zoning Board of Appeals
P. O. Box 17
Hoosick Falls, NY 12090

| | |
|------------------------|-----------------------------|
| Application Number | _____ |
| Date Received | _____ |
| Hearing Scheduled Date | _____ |
| Application Fee | _____ |
| Approved Date | _____ Conditions (y/n) ____ |
| Denial Date | _____ Withdrawn Date _____ |
| Zoning Chairperson | _____ |

Application for a Variance, Special Permit, and/or Appeal

General Information

Applicant:

Name: David Elliot
Company: Green Slate Energy Inc.
Address: 14 Chickory Ln.
Slingerlands NY 12159
Phone: 518-866-1017

Property Owner:

Name: Jack & Linda Fitzsimmons
Company: _____
Address: 21303 NYS Route 22
Hoosick Falls NY 12090
Phone: _____

Applicant is: Owner ___ Builder ___ Lessee ___ Architect/Engineer Agent ___ Other ___

If other, explain: _____

Lot Information

Parcel ID Number 56.-2-6.2 Zoning District AR

Street Address of Lot Adjacent to Lebaron Road, 700' N of intersection NYS 7

Irregular Shape of Lot (Y or N) Y Corner Lot (Y or N) N

Existing: Lot Area 51 Frontage 1450 Depth 1100

Setbacks: Front 50 Rear 10 Left 20 Right 20

Proposed: Lot Area 51 Frontage 1450 Depth 1100

Setbacks: Front 50 Rear 10 Left 20 Right 20

Type of Water Service: n/a Type of Sanitary Disposal n/a

Use Information

Describe Existing Use: Vacant land with forest and open fields

Describe Proposed Use: Solar Array & vacant land

Application Information

Check all that apply:

___ An area variance is requested to appeal the decision of the Building Department, which denied a permit for the above property, dated _____ (submit copy of denial)

___ A use variance is requested to appeal the decision of the Building Department, which denied a permit for the above property, dated _____ (submit a copy of denial)

A special permit is requested, as required by Hoosick Local Law No. 2 of the Year 2009 of the Town of Hoosick

___ A formal appeal of Local Law No. 2 of the Year 2009 of Town of Hoosick

Project Description:

Briefly describe the proposal:

The applicant proposes a 4.7 MW DC, 19 acre solar array for the production of clean, renewable energy.

Abutters-Adjacent Property Owners:

List the name and address for each adjacent property owners. Use additional paper if needed.

| | Name: | Address: | Property Use |
|--------|--------------|----------|--------------|
| Front: | SEE ATTACHED | | |
| Rear: | | | |
| Left: | | | |
| Right: | | | |

Required Submittals

_____ A plot plan showing all property lines, dimensions, adjacent streets, existing structures, setback distances, and location of proposed changes.

_____ Part 1 of the State Environmental Quality Review (SEQR) Short Environmental Form

_____ Appropriate fee, as determined by the Code of the Town of Hoosick, and as calculated by the Building Department.

Note: Additional submittals may be required by the Zoning Board of Appeals. Failure to submit all required documents may result in a delay in processing or denial of the application.

Have there been any other variances issued for this property? (Y or N) _____

If yes, explain:

Certification and Authorization

I certify that the information contained in this application is true to the best of my knowledge and I authorize the Town of Hoosick to process this application as provided by law.

| | Applicant | Property Owner |
|------------|----------------------|----------------|
| Name: | _____ | _____ |
| Signature: | <i>David Elliott</i> | _____ |
| Date: | _____ | _____ |

ATTACHMENT C

Abutters-Adjacent Property Owners List

Sheep Hill Community Solar Array

Abutters-Adjacent Property Owners within 500' of Project

1. Tax Parcel No. 46.-1-21.122
Owner(s): Gary Book
Mailing Address: 91 Lebarron Road, Hoosick Falls, NY 12090
Property Use: Residential

2. Tax Parcel No. 46.-1-21.2, 46.-1-24
Owner(s): Jennifer Weiss
Mailing Address: 56 Ash Street, Waltham, MA 02453
Property Use: Vacant

3. Tax Parcel No. 56.-2-5
Owner(s): Jeffery Brock
Mailing Address: 4013 NYS Route 7, Hoosick Falls, NY 12090
Property Use: Residential

4. Tax Parcel No. 56.-2-6.1, 56.-2-47
Owner(s): Linda Fitzsimmons
Mailing Address: 4039 NYS Route 7, Hoosick Falls, NY 12090
Property Use: Residential, Agricultural

5. Tax Parcel No. 56.-2-15
Owner(s): Diane Hunter
Mailing Address: 4084 NYS Route 7, Hoosick Falls, NY 12090
Property Use: Residential

6. Tax Parcel No. 56.-2-17, 56.-2-8
Owner(s): James & Caroline North
Mailing Address: 4070 NYS Route 7, Hoosick Falls, NY 12090
Property Use: Residential

7. Tax Parcel No. 56.-2-7
Owner(s): Ricky Rice
Mailing Address: 6 Lebarron Road, Hoosick Falls, NY 12090
Property Use: Residential

8. Tax Parcel No. 56.-2-7
Owner(s): Ricky Rice
Mailing Address: 6 Lebarron Road, Hoosick Falls, NY 12090
Property Use: Residential

9. Tax Parcel No. 56.-2-9

Owner(s): Teresa Dimas

Mailing Address: 4089 NYS Route 7, Hoosick Falls, NY 12090

Property Use: Residential

10. Tax Parcel No. 56.-2-9

Owner(s): Bruce & Amy Baertschi

Mailing Address: 44 Berbay Circle, Springfield, MA 01109

Property Use: Residential/Agricultural

ATTACHMENT D

Full EAF

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

| | | |
|---|--------|------------|
| Name of Action or Project: | | |
| Project Location (describe, and attach a general location map): | | |
| Brief Description of Proposed Action (include purpose or need): | | |
| Name of Applicant/Sponsor: | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |
| Project Contact (if not same as sponsor; give name and title/role): | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |
| Property Owner (if not same as sponsor): | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

| Government Entity | If Yes: Identify Agency and Approval(s) Required | Application Date (Actual or projected) |
|---|--|--|
| a. City Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| i. Coastal Resources. <ul style="list-style-type: none"> <li data-bbox="121 829 1485 861">i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 892 1485 924">ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input type="checkbox"/> No <li data-bbox="121 924 1485 955">iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)?

b. a. Total acreage of the site of the proposed action? _____ acres
b. Total acreage to be physically disturbed? _____ acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ acres

c. Is the proposed action an expansion of an existing project or use? Yes No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? Yes No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

| | <u>One Family</u> | <u>Two Family</u> | <u>Three Family</u> | <u>Multiple Family (four or more)</u> |
|---------------|-------------------|-------------------|---------------------|---------------------------------------|
| Initial Phase | _____ | _____ | _____ | _____ |
| At completion | _____ | _____ | _____ | _____ |
| of all phases | _____ | _____ | _____ | _____ |

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
- Will a line extension within an existing district be necessary to serve the project? Yes No

 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:

- How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
- Describe types of new point sources. _____

- Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

 - If to surface waters, identify receiving water bodies or wetlands: _____

 - Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:

- Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

- Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

- Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:

- Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
- In addition to emissions as calculated in the application, the project will generate:
 - _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 - _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 - _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 - _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 - _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)
 - _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.

| | |
|---|--|
| <p><i>i.</i> During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ | <p><i>ii.</i> During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ |
|---|--|

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No
 If yes:
 i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No
 Describe: _____

n. Will the proposed action have outdoor lighting? Yes No
 If yes:
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No
 Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? Yes No
 If Yes:
 i. Product(s) to be stored _____
 ii. Volume(s) _____ per unit time _____ (e.g., month, year)
 iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No
 If Yes:
 i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No
 If Yes:
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:
 • Construction: _____ tons per _____ (unit of time)
 • Operation : _____ tons per _____ (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: _____

 • Operation: _____

 iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: _____

 • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

 ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No
 If Yes: provide name and location of facility: _____

 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): _____
 ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

| Land use or Covertypes | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|--|-----------------|----------------------------------|--------------------|
| • Roads, buildings, and other paved or impervious surfaces | | | |
| • Forested | | | |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | | | |
| • Agricultural (includes active orchards, field, greenhouse etc.) | | | |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | | | |
| • Wetlands (freshwater or tidal) | | | |
| • Non-vegetated (bare rock, earth or fill) | | | |
| • Other Describe: _____ _____ | | | |

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
If Yes,
i. Identify Facilities:

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
If Yes:
i. Has the facility been formally closed? Yes No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): _____
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: _____ %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ % of site
 10-15%: _____ % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

| | |
|---|--|
| m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____ | |
| n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres | |
| o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____ | |
| p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Species and listing: _____ _____ | |
| q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____ | |
| E.3. Designated Public Resources On or Near Project Site | |
| a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, provide county plus district name/number: _____ | |
| b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____ | |
| c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____ | |
| d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____ | |

| |
|---|
| <p>e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District</p> <p style="margin-left: 20px;">ii. Name: _____</p> <p style="margin-left: 20px;">iii. Brief description of attributes on which listing is based: _____</p> |
| <p>f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |
| <p>g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe possible resource(s): _____</p> <p style="margin-left: 20px;">ii. Basis for identification: _____</p> |
| <p>h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Identify resource: _____</p> <p style="margin-left: 20px;">ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____</p> <p style="margin-left: 20px;">iii. Distance between project and resource: _____ miles.</p> |
| <p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Identify the name of the river and its designation: _____</p> <p style="margin-left: 20px;">ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> |

F. Additional Information

Attach any additional information which may be needed to clarify your project.

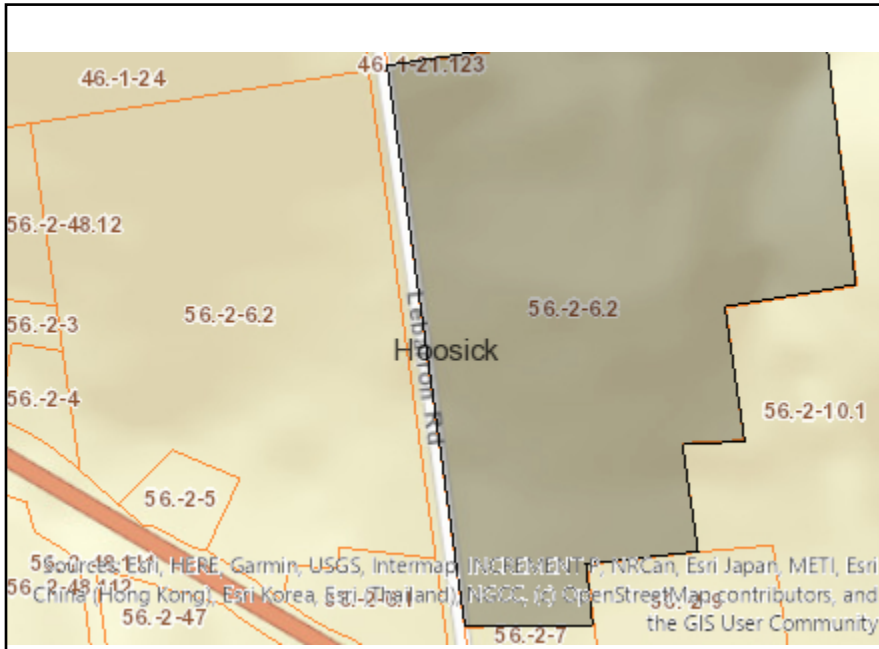
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name _____ Date _____

Signature David Elliott Title _____



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



| | |
|--|---|
| B.i.i [Coastal or Waterfront Area] | No |
| B.i.ii [Local Waterfront Revitalization Area] | No |
| C.2.b. [Special Planning District] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h [DEC Spills or Remediation Site - Potential Contamination History] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Listed] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.1.h.iii [Within 2,000' of DEC Remediation Site] | No |
| E.2.g [Unique Geologic Features] | No |
| E.2.h.i [Surface Water Features] | No |
| E.2.h.ii [Surface Water Features] | Yes |
| E.2.h.iii [Surface Water Features] | Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook. |
| E.2.h.v [Impaired Water Bodies] | No |
| E.2.i. [Floodway] | No |
| E.2.j. [100 Year Floodplain] | No |
| E.2.k. [500 Year Floodplain] | No |
| E.2.l. [Aquifers] | No |
| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | No |
| E.2.p. [Rare Plants or Animals] | Yes |

| | |
|--|--|
| E.2.p. [Rare Plants or Animals - Name] | New England Cottontail |
| E.3.a. [Agricultural District] | Yes |
| E.3.a. [Agricultural District] | RENS003 |
| E.3.c. [National Natural Landmark] | No |
| E.3.d [Critical Environmental Area] | No |
| E.3.e. [National or State Register of Historic Places or State Eligible Sites] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.3.f. [Archeological Sites] | Yes |
| E.3.i. [Designated River Corridor] | No |

ATTACHMENT E

Agricultural Data Statement

TOWN
(circle one)

VILLAGE CITY OF Hoosick

Application # _____

Agricultural Data Statement

Date 10/2/23

Instructions: This form must be completed for any application for a special use permit, site plan approval, use variance or a subdivision approval requiring municipal review that would occur on property within 500 feet of a farm operation located in a NYS Dept. of Ag & Markets certified Agricultural District.

| Applicant | Owner if Different from Applicant |
|---|---|
| Name: <u>Green Slate Energy Inc., David Elliot</u> | Name: <u>Jack & Linda Fitzsimmons</u> |
| Address: <u>14 Chickory Ln.</u> <u>Slingerlands, NY, 12159</u> | Address: <u>21303 NYS Route 22</u> <u>Hoosick Falls NY 12090</u> |

1. Type of Application: Special Use Permit; Site Plan Approval ; Use Variance;
(circle one or more) Subdivision Approval

2. Description of proposed project: The Sheep Hill Community Solar Array is a 19 acre solar array for the production of clean renewable energy.

3. Location of project: Address: Adjacent to Lebaron Road, Approx. 700' N of intersection with NYS 7
Tax Map Number (TMP) 56.-2-6.2

4. Is this parcel within an Agricultural District? NO YES (Check with your local assessor if

5. If YES, Agricultural District Number 3 you do not know)

6. Is this parcel actively farmed? NO YES

7. List all farm operations within 500 feet of your parcel. Attach additional sheets if necessary.

| | |
|--|--|
| Name: <u>SEE ATTACHMENT C</u> | Name: _____ |
| Address: _____ | Address: _____ |
| Is this parcel actively farmed? <input type="checkbox"/> NO <input type="checkbox"/> YES | Is this parcel actively farmed? <input type="checkbox"/> NO <input type="checkbox"/> YES |
| Name: _____ | Name: _____ |
| Address: _____ | Address: _____ |
| Is this parcel actively farmed? <input type="checkbox"/> NO <input type="checkbox"/> YES | Is this parcel actively farmed? <input type="checkbox"/> NO <input type="checkbox"/> YES |

Signature of Applicant

Signature of Owner (if other than applicant)

Reviewed by:

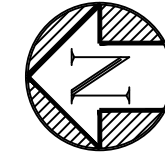
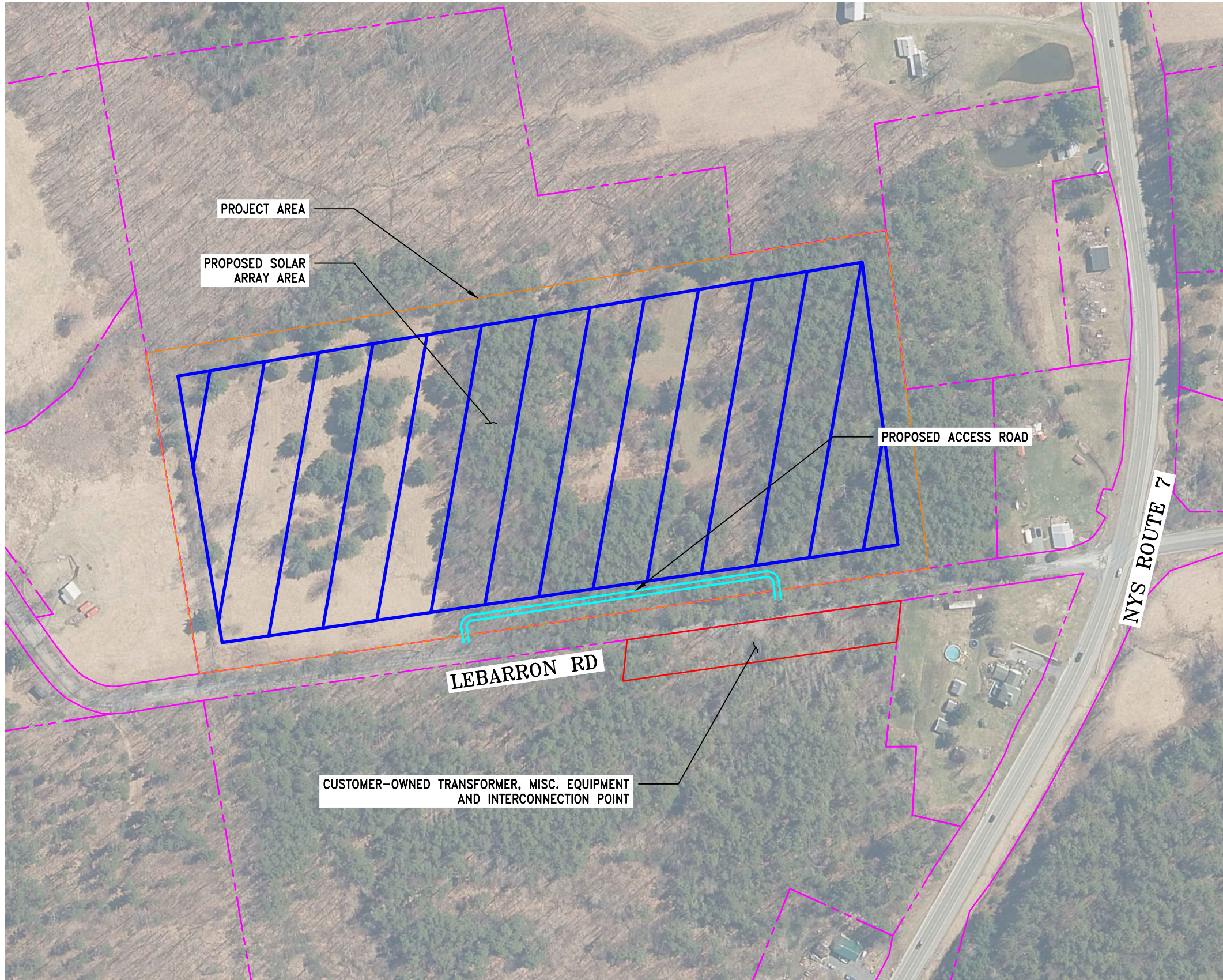
Signature of Municipal Official

Date

NOTE TO REFERRAL AGENCY: County Planning Board review is required. A copy of the Agricultural Data Statement must be submitted along with the referral to the County Planning Department.

ATTACHMENT F

Sheep Hill Community Solar Array Site Plan



**Lamont
Engineers**

COBLESKILL NEW YORK
(518) 234-4028

GREEN SLATE ENERGY INC.
SHEEP HILL COMMUNITY SOLAR ARRAY
4.7 MW DC / 3.0 MW AC
RENSSELAER COUNTY NEW YORK STATE

UNAUTHORIZED ALTERATION
AND/OR ADDITION TO THIS
DOCUMENT AND/OR UNAUTHORIZED
USE OR REUSE OF THIS
DOCUMENT ON A PROJECT OTHER
THAN THAT INDICATED ON THIS
DOCUMENT IS A VIOLATION OF THE
NEW YORK STATE EDUCATION
LAW AND THE CONTRACT FOR
PROFESSIONAL SERVICES AND IS
THEREFORE PROHIBITED.

| | |
|----------------|-----------|
| Project Number | 2023100 |
| Drawn By | AW |
| Designed By | JS |
| Checked By | JS |
| Date | 9/28/2023 |
| Scale | 1"=200' |
| File Name | hoosick |

Sheet Title
**SHEEP HILL
SOLAR FARM**

PRELIMINARY

Sheet No.
F