

Local Law Filing

(Use this form to file a local law with the Secretary of State.)

Text of law should be given as amended. Do not include matter being eliminated and do not use italics or underlining to indicate new matter.

County City Town Village
(Select one.)

of Schodack _____

Local Law No. 1 of the year 2021

A local law Establishing an Additional Qualification for Eligibility to Hold an Elective Office in the Town
(Insert Title)
of Schodack, New York

Be it enacted by the Town Board of the
(Name of Legislative Body)

County City Town Village
(Select one.)

of Schodack _____ as follows:

1. No person shall be eligible to hold an elective office in the Town of Schodack while at the same time holding any elective office of the County of Rensselaer, New York.
2. This qualification shall be in addition to, but not in substitution of, any other qualification to hold a Town of Schodack elective office required by any State or Local law.
3. This local law shall become effective immediately upon filing the same with the Secretary of State of New York.

(If additional space is needed, attach pages the same size as this sheet, and number each.)

Castleton Volunteer Ambulance Service			
2020	Total Calls =		886
LOSAP POINTS	Max call points		25
Name	Qualified for LOSAP	Points	Deficit
	Credit		
Bieau, Alexander	yes	58	
Brewer, Vincent	yes	57	
Carner, Matthew	yes	59	
Cassidy, Jr., Brian	yes	53	
Dikant, Janice	yes	69	
Dorward, Hunter	yes	50	
Dorward Jr. James	yes	53	
Dorward Sr, James	yes	86	
Dorward, Samara	yes	86	
Hall, Sandra	yes	131	
Hall, Thomas	yes	115	
Hanrahan, Jill	yes	64	
Hanrahan, Scott	yes	53	
Harris, David	yes	62	
Jones, David	yes	61	
Leddo, June	yes	61	
Moak, Thomas	yes	89	
Puccio, Alessandro	yes	50	
Sano, Michael	yes	61	
Schouten, William	yes	54	
VanOrt, Kathleen	yes	66	
Qualified Members =	21		



Proposal

Prepared By: Jessica Levenberg
 Phone: (949) 667-5008
 Email: jlevenberg@lexipol.com

Quote #: Q-08568-3
 Date: 5/7/2020
 Valid Through: 8/5/2020

Overview

Lexipol is America's leading source of state-specific policy and training solutions that reduce risk, lower litigation costs and improve personnel safety in public safety agencies. The services proposed below are designed to guide your agency in providing up-to-date, legally defensible policy and training content to your personnel.

ProRated Subscription 6 months

QTY	DESCRIPTION	UNIT PRICE	DISC	DISC AMT	EXTENDED
1	Annual Law Enforcement Policy Manual & Daily Training Bulletins w/Supplemental Publication Service w/ Procedures (Start: 7/1/2020 End: 12/31/2020)	USD 4,510.00	15%	USD 676.00	USD 3,834.00
	Subscription Line Items Total			USD 676.00	USD 3,834.00
				USD 676.00	USD 3,834.00
ProRated Subscription 6 months Discount:					USD 676.00
ProRated Subscription 6 months TOTAL:					USD 3,834.00

Annual Subscription Starting
January 1, 2021

QTY	DESCRIPTION	UNIT PRICE	DISC	DISC AMT	EXTENDED
1	Annual Law Enforcement Policy Manual & Daily Training Bulletins w/Supplemental Publication Service w/ Procedures (12 Months)	USD 9,017.00	15%	USD 1,352.00	USD 7,665.00
	Subscription Line Items Total			USD 1,352.00	USD 7,665.00
				USD 1,352.00	USD 7,665.00
Annual Subscription Starting January 1, 2021 Discount:					USD 1,352.00
Annual Subscription Starting January 1, 2021 TOTAL:					USD 7,665.00

*Law Enforcement pricing is based on 14 Law Enforcement Sworn Officers.

The foregoing pricing has been prorated for the benefit of Agency and Agency therefore agrees that they will waive the right to cancel this agreement until the end of the first renewal period.

QUITCLAIM DEED

THIS INDENTURE made the _____ day of _____, 2021, between:

TOWN OF SCHODACK, having offices at 265 Shuurman Road, Castleton, New York 12033;

Party of the First Part, and

JAMES TUCKER MAYO and **CAROLYN LEE PINCUS**, residing at 248 Kingman Road, Nassau, New York 12123, as Joint Tenants with Right of Survivorship;

Parties of the Second Part,

WITNESSETH that the Party of the First Part, in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, and other good and valuable consideration paid by the Parties of the Second Part, does hereby remise, release, sell and **QUITCLAIM** to the Parties of the Second Part, their heirs, successors and assigns forever:

ALL THAT CERTAIN plot, piece or parcel of land, situate in the Town of Schodack, County of Rensselaer and State of New York, bounded and described as follows:

BEGINNING at an existing capped iron rod located at the intersection of the southerly line of Kingman Road with the division line of lands now or formerly of James Tucker Mayo and Carolyn Lee Pincus (Bk. 9365, Pg. 86) on the east and lands reputedly of the Town of Schodack on the west; thence along said division line and along the present centerline of Old McClellan Road on the following seven courses and distances: 1) South 67°04'58" East, 85.97 feet, 2) South 64°51'22" East, 101.71 feet, 3) South 62°53'23" East, 66.01 feet, 4) South 65°27'47" East, 60.59 feet, 5) South 77°05'45" East, 48.93 feet, 6) North 84°28'22" East, 73.54 feet and 7) North 42°22'08" East, 30.25 feet to a point; thence along the westerly line of lands now or formerly of Michele O'Hare (Bk. 5389, Pg. 320), South 25°19'47" West, 12.03 feet to a point and South 41°27'13" East, 30.00 feet to an existing iron pipe found at a stone wall corner; thence in a westerly direction along the northerly line of lands now or formerly of Matthew Suchoski and Carla Suchoski (Bk. 5128, Pg. 137) the following six courses and distances: 1) South 71°42'32" West, 71.76 feet to an existing iron pipe, 2) North 76°04'28" West, 134.86 feet, 3) North 65°38'18" West, 119.36 feet, 4) North 73°53'08" West, 44.03 feet, 5) North 81°14'35" West, 106.80 feet and (6) North 84°12'10" West, 85.35 feet to a point in the aforesaid southerly line of Kingman Road; thence along said southerly line North 63°03'40" East, 111.51 feet to the point or place of beginning.

CONTAINING in all 15,966 square feet of land, being more or less.

BEING as shown on a map entitled, "Map of lands to be conveyed from the Town of Schodack to James Tucker Mayo & Carolyn Lee Pincus," dated November 10, 2020, as surveyed by Capital District Land Surveying, PLLC and filed in the Office of the Rensselaer County Clerk.

TO HAVE AND TO HOLD the premises herein granted unto the Parties of the Second Part, their heirs or successors and assigns forever.

IN WITNESS WHEREOF, the Party of the First Part has hereunto set its hand and seal the day and year first above written.

TOWN OF SCHODACK

By: _____
David Harris, Supervisor

STATE OF NEW YORK)
) ss.:
COUNTY OF RENSSELAER)

On this _____ day of _____, 2021, before me, the undersigned, a Notary Public of the State of New York, personally appeared **DAVID HARRIS**, in his capacity as Supervisor of the Town of Schodack, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, person or entity on behalf of which the individual acted, executed the instrument.

Notary Public – State of New York

R&R: Timothy R. Shevy, Esq.
1528 Columbia Turnpike, Suite 203
Castleton, New York 12033
(518) 892-2957

2021-098



**PLANNING & ZONING
TOWN OF SCHODACK**

265 Schuurman Road
Castleton-on-Hudson, New York 12033

Phone: (518) 477-7938

Fax: (518) 477-7983

February 4, 2021

Supervisor David Harris
Schodack Town Board Members
Schodack Town Hall
265 Schuurman Road
Castleton, NY 12033

Re: Green Dale Community Solar
County Route 32
Town of Schodack
SEQR Lead Agency

Dear Supervisor and Town Board Members:

Enclosed is a Long Environmental Assessment Form for the above project. A copy of the concept plan is also enclosed

This is a Type 1 Action, The Schodack Planning Board wishes to undertake a coordinated review, Schodack Planning Board desires to declare itself as lead agency at a future meeting.

Please indicate if you object or concur at your earliest convenience.

Thank you.

A handwritten signature in cursive script, appearing to read "Nadine Fuda".

Nadine Fuda
Director of Planning and Zoning
Town of Schodack

Enclosure

cc: Richard Laberge, P.E., Planning Board Engineer
Craig Crist: Planning Board Attorney
EDP, Environmental Design Partnership, LLP

**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.

RECEIVED
JAN 25 2021

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: Green Dale Community Solar Farm		
Project Location (describe, and attach a general location map): County Route 32, Towns of Kinderhook and Schodack, Counties of Columbia and Rensselaer		
Brief Description of Proposed Action (include purpose or need): The purpose of the project is to generate low-cost renewable energy for households and small businesses in eastern New York State. The project consists of a community solar farm that will be constructed on approximately 34.75+/- acres of 133+/- acres of rural residential land. The 5 MW (ac) / 7.5 MW (dc) solar farm will have the capacity to generate enough renewable electricity to power approximately 1,225 homes. The project area is located on the north side of County Route 32 (see Figure 2) in the Towns of Kinderhook (Tax Map ID 227.00-1-7), and Schodack (Tax Map ID 13.00-1-6 and 13.00-1-45). The applicant will lease land from a single landowner. The facilities will include photovoltaic (PV) solar modules on a low-profile single axis tracker system, along with racking, inverters, transformers, battery storage, access roads, and fencing. A medium-voltage collection line will connect to a series of utility poles north of County Route 32. At the end of the project's 40-year operational live, the land can be returned to rural residential / agricultural use.		
Name of Applicant/Sponsor: Green Dale Solar, LLC c/o Gillian Black, Eden Renewables	Telephone: (518) 233-4011	E-Mail: giovanni.maruca@edenrenewables.com
Address: 333 Broadway, Suite 460		
City/PO: Troy	State: NY	Zip Code: 12180
Project Contact (if not same as sponsor; give name and title/role): Gillian Black, Director of Project Development	Telephone: (518) 932-8696	E-Mail: gillian.black@edenrenewables.com
Address: 333 Broadway, Suite 460		
City/PO: Troy	State: NY	Zip Code: 12180
Property Owner (if not same as sponsor): Toros Shamlan	Telephone: 518-608-5582	E-Mail: toros18@aol.com
Address: 7 Stacey Court		
City/PO: Cohes	State: NY	Zip Code: 12047

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, <input type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	Town Board Planned Development	January 2021
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission	Special Use Permit & Site Plan Review (Towns of Kinderhook and Schodack)	January 2021
c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	239-m Referral (Rensselaer and Columbia Counties)	February 2021
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSERDA Agricultural District NOI	February 2021
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	USACE Wetlands PCN	February 2021
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> • 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?
Town of Schodack: PD-1 (Planned Development 1).
Town of Kinderhook: AR (Agricultural R)

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? Kinderhook Central School District

b. What police or other public protection forces serve the project site?
NYS Police - Kinderhook, Columbia County Sheriff, Chatham Police Dept

c. Which fire protection and emergency medical services serve the project site?
Kinderhook Ambulance District, Niverville Fire Dept

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)? Commercial - power generation

b. a. Total acreage of the site of the proposed action? +/-32.0 acres

b. Total acreage to be physically disturbed? +/-2.4 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? +/-129.4 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? _____ Yes No

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: 4 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.

	One Family	Two Family	Three Family	Multiple Family (four or more)
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 1 Solar Array

ii. Dimensions (in feet) of largest proposed structure: _____ 15 height; _____ 1,200 width; and _____ 1,550 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): ACOE Federal Wetlands

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:
A portion of solar panels are proposed within ACOE wetlands, but will be installed on pile driven supports without discharge of fill or disturbance to wetlands.

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

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No • Will a line extension within an existing district be necessary to serve the project? <input type="checkbox"/> Yes <input type="checkbox"/> No <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____
<p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____
<p>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):</p> <p>_____</p> <p>_____</p>
<p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____</p> <p>_____</p> <p>_____</p>
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel?</p> <p style="padding-left: 40px;">_____ Square feet or _____ acres (impervious surface)</p> <p style="padding-left: 40px;">_____ Square feet or _____ acres (parcel size)</p> <p>ii. Describe types of new point sources. _____</p> <p>_____</p> <p>iii. 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)?</p> <p>_____</p> <p>_____</p> <ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ <p>_____</p> <ul style="list-style-type: none"> • Will stormwater runoff flow to adjacent properties? <input type="checkbox"/> Yes <input type="checkbox"/> No
<p>iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)</p> <p>_____</p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)</p> <p>_____</p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)</p> <p>_____</p>
<p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. 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) <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> • _____ 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 Hydrofluorocarbons (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.

i. During Construction:

- Monday - Friday: _____ 7 am to 5 pm
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: _____ daylight solar generation
- Saturday: _____ daylight solar generation
- Sunday: _____ daylight solar generation
- Holidays: _____ daylight solar generation

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:
Typical of site construction equipment during construction time frame (earth moving equipment and pile driving equipment for solar panel posts and fence posts).

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 Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	0.37+/-	+0.37+/-
• Forested	32.42+/-	25.92+/-	-6.5 +/-
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	55.54+/-	55.17+/-	-0.37+/-
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	17.91+/-	17.91+/-	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• 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: _____

iii. Describe any development constraints due to the prior solid waste activities: _____

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? _____ 6.5 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:

Bernardston silt and gravelly loam	_____	37.6 %	
Pittstown silt loam	_____	21.4 %	
Scriba silt loam	_____	17.7 %	Other 23.3%

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

e. Drainage status of project site soils: Well Drained: _____ 44.5 % of site
 Moderately Well Drained: _____ 21.4 % of site
 Poorly Drained _____ 23.1 % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ 75 % of site
 10-15%: _____ 20 % of site
 15% or greater: _____ 5 % 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 863-576 Classification C
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... 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

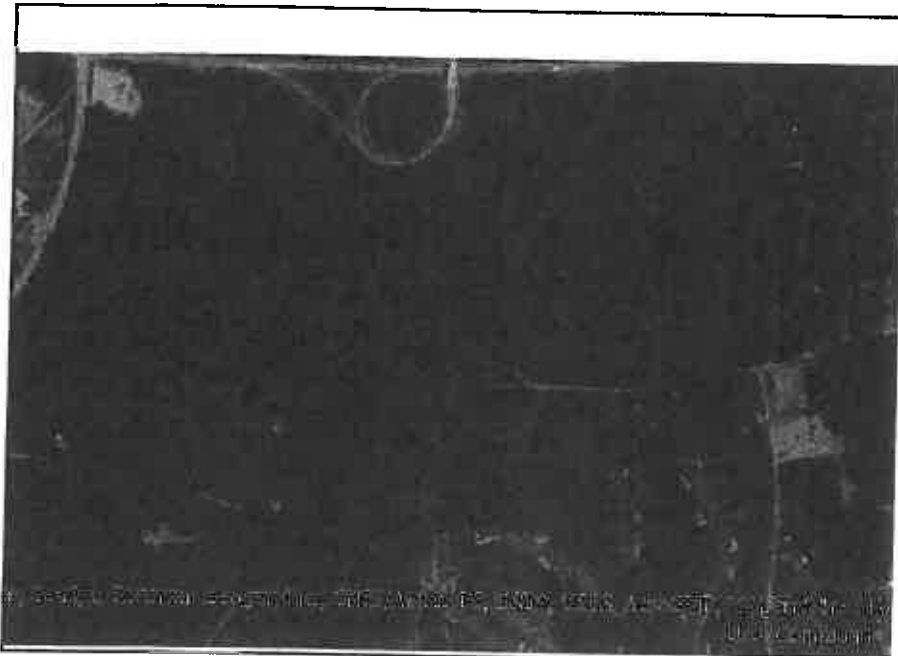
j. Is the project site in the 100-year Floodplain? Yes No

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

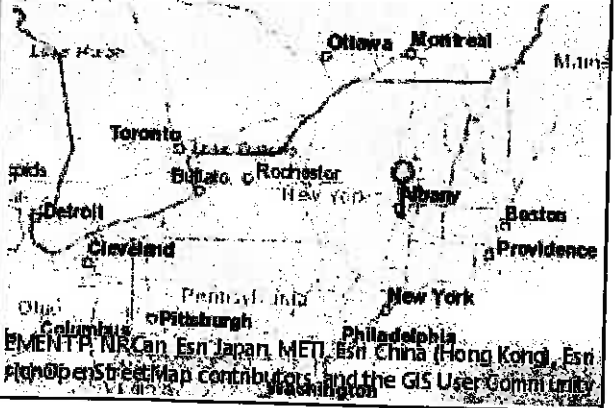
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No

If Yes:
 i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site: Deer _____ Birds _____ Squirrels _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Describe the habitat/community (composition, function, and basis for designation): _____ _____ ii. Source(s) of description or evaluation: _____ iii. Extent of community/habitat: • 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 checked="" type="checkbox"/> No If Yes: 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 checked="" type="checkbox"/> No If Yes: 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 checked="" 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 checked="" type="checkbox"/> No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No i. If Yes: acreage(s) on project site? 22.4 acres prime farmland ii. Source(s) of soil rating(s): NRCS soil	
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 checked="" type="checkbox"/> No If Yes: i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature ii. 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 checked="" type="checkbox"/> No If Yes: i. CEA name: _____ ii. Basis for designation: _____ iii. Designating agency and date: _____	



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.1.i [Coastal or Waterfront Area]	No
B.1.ii [Local Waterfront Revitalization Area]	Yes
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.ii [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]	Yes
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.iv [Surface Water Features - Stream Name]	863-576
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.

E.2.k. [1000 Year Flooding]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
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]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property: SHUFELT HOUSE & FARM
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No



TAX MAP NUMBER
12001-6 COLUMBIA COUNTY ZONING
1998/2001 COLUMBIA COUNTY
JANUARY 22, 2011

PROPOSED SITE PLAN FOR
GREEN DALE SOLAR FARM
GREEN DALE SOLAR LLC
COUNTY ROUTE 32
TOWN OF KINGSBROOK AND TOWN OF BROADBOK
COLUMBIA & RENSSELAER COUNTY, NEW YORK

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YAMAR MASSER ENGINEERS
 13.00 14 COLONIA COUNTY, DE
 13.00 14 COLONIA COUNTY, DE
 13.00 14 COLONIA COUNTY, DE
 13.00 14 COLONIA COUNTY, DE

PROPOSED SITE PLAN FOR
 GREEN DALE SOLAR FARM
 GREEN DALE SOLAR LLC
 COUNTY ROUTE 28
 TOWN OF HENRIKSON AND TOWN OF BUCKWOLD
 COLUMBIA & HENRIKSON COUNTY, MARYLAND

AS NOTED
NOT FOR CONSTRUCTION
SEE THE DETAILS (BY OTHERS)

DETAILS ON THIS SHEET, INCLUDING BUT NOT LIMITED TO, STRUCTURE, MATERIALS, AND FINISHES, SHALL BE SUBJECT TO THE APPROVAL OF THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.

ALL WORK SHALL BE SUBJECT TO LOCAL ORDINANCES, APPLICABLE REGULATIONS, AND ALL OTHER STATE AND FEDERAL LAWS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.

