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**POLLINATOR
PARTNERSHIP**

Thank you for listening – Questions?

www.pollinator.org / info@pollinator.org

Helping Honeybees to Survive and Thrive

Fox Farm Apiary



Without the honeybee, life as we know it would cease to exist.

MEET THE OWNERS

Chris Layman is cofounder of **Fox Farm Apiary** along with his wife Lisa. He mentors other beekeepers and manages 25 bee yards in 5 counties.

Chris will receive Cornell Master Beekeeper Certification in June 2021.



WHY ARE POLLINATORS IMPORTANT?

New York State has more than 7 million acres in agricultural production and many of the state's leading crops, such as apples, cabbage, berries, pumpkins and several other fruits, rely heavily on pollination.





HABITAT

- Bees and pollinators are running out of habitat that provides adequate nutrition all season.
- Over the past several years, the loss of managed pollinator colonies in the state has exceeded 50%. Some commercial migratory pollinators have experienced colony losses in excess of 70%.
- Pollen is essential for brood production and the life of the bees.
- Fox Farm Apiary is dedicated to promoting healthy landscapes for our precious bees and pollinators.



Our Shrinking Bee Habitat

Fox Farm Apiary



CHALLENGES

Modern agricultural and gardening practices, including monoculture, soil depletion, pesticides and pathogens, are taking their toll on honeybee colonies worldwide, weakening the bees and causing widespread death.

SOLUTIONS

With the challenges we have ahead of us, solar farms are a healthy solution.

Solar farms can preserve and dramatically increase habitat for bees and pollinators.

Solar farms can lead the way to find the best solutions for the future of our ecology.



VISUAL BUFFERS AND SCREENING

The Project will use vegetative screening to soften and/or screen views of the solar facility and provide ecological benefit and diversity.

Vegetative Screening

- Selection will involve consulting with the local community and be based upon using native, naturalized and non-invasive species that simulate the character of the surrounding landscape.
- Evergreen trees are used to provide screening, and native shrub species are selected for wildlife value and visual interest.
- When selecting the planting palette some characteristics considered include: native locale, hardiness zone, seasonal interest, and wildlife value.

Maintenance

- Plant material will be maintained by the contractor until acceptance by the Project, when at such time the Project takes over the maintenance duties.
- There is a warranty on all plant material based on established metrics.



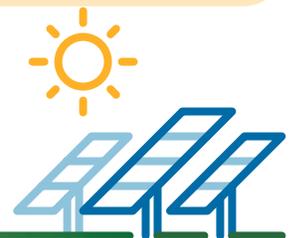
Cranberrybush



Serviceberry

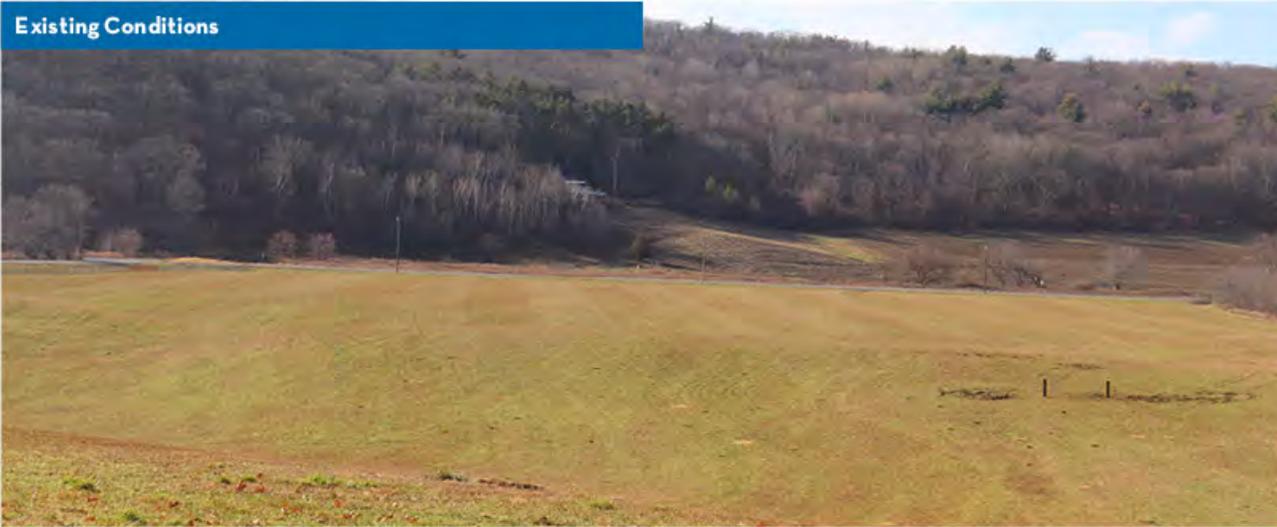


Spruce



VISUALIZATIONS

Existing Conditions



Simulated Conditions - Landscaping at 5 Years of Growth



Photograph Information

Time:	1:26 pm
Date:	12/3/2020
Weather:	Partly Cloudy
View Angle:	West
Lat:	42° 9'32.15" N
Long:	73° 33'57.02" W
Location:	Connelly Road 210 Ft East of Project



VISUALIZATIONS

Existing Conditions



Simulated Conditions - Landscaping at 5 Years of Growth



Photograph Information

Time:	12:04 pm
Date:	12/3/2020
Weather:	Partly Cloudy
View Angle:	South
Lat:	42°10'28.09"N
Long:	73°35'29.00"W
Location:	NY-23 225ft North of Project

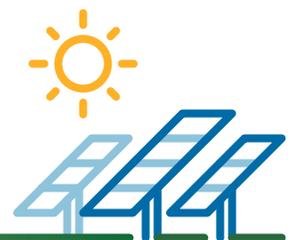


DECOMMISSIONING

Solar is Good for the Earth

Compared to other forms of electric generation, solar has the least impact on the environment.

- 94(c) requires a decommissioning plan including estimated cost and funding.
- When the Project reaches its end of useful life, the site will be cleared of the Project components and the panels will be properly disposed of.
- The majority of the materials used to build the Project will be steel, aluminum and glass, which allow for recycling by the Project's operating company.
- Based upon landowner preferences, the land can be restored to agricultural use unless circumstances at the time of decommissioning indicate that another use of the land is more appropriate.



APPROACH & SCHEDULE OF PERMITTING

2020			2021			2022	2023	
2nd Quarter	3rd Quarter	4th Quarter	2nd Quarter	July 15 (Anticipated)	4th Quarter	4th Quarter	1st Quarter	4th Quarter
Filed Public Involvement Plan Virtual Open House	Filed Preliminary Scoping Statement	Virtual Open House	Virtual Open House	Full Application Submitted to ORES	Full Application Deemed Compliant by ORES	Application Decision by ORES	Commence Construction	Commence Facility Operation

Approach & Schedule of Permitting



We are actively engaging the public through Project briefings, informational open houses, media interviews, public notices, mailings, email, and other means.



VIRTUAL ZOOM MEETING

Given State restrictions on the number of people allowed together, we are hosting a **virtual Informational Open House** in lieu of the regular in-person event to provide the widest possible range of community access to the Hecate Energy project team and Shepherd's Run Solar Farm information.



Do you have additional questions about the Shepherd's Run Solar Farm?

We would like to hear from you.

Please join the Hecate Energy team

Wednesday, April 28th

at

1:00 pm - 3:00 pm or 5:00 pm - 7:00 pm

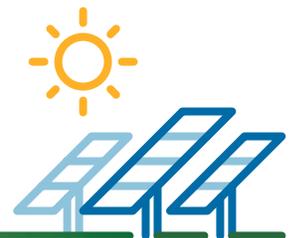
for the panel discussion portion of the Open House via **Zoom** to answer questions, provide updates and general discussion of the Facility.

Both sessions will cover the same topics.

We will be online to answer your questions, provide updates and generally discuss the Facility.

For the invitation, please visit

www.ShepherdsRunSolar.com/Open-House



SHEPHERD'S RUN SOLAR FARM

THANK YOU

*Thank You
for Your Interest in the
Shepherd's Run
Solar Farm*



CONTACT THE PROJECT TEAM:

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