ABOUT BORALEX

Boralex is a renewable energy project developer, owner and operator that delivers, in a safe and responsible manner, the electricity the world needs today.

Firmly established in the United States, with an office in Upstate New York and based in Canada, Boralex specializes in four types of power generation: hydroelectric, solar, wind and biomass. Boralex's installed capacity worldwide is now 2,016 MW.

PRESENT IN THE U.S. RENEWABLE ENERGY MARKET FOR 15 YEARS

One of our offices is located in the town of South Glens Falls, NY and serves as a hub for our Operations and Development teams, who carry out all our U.S.-based activities.

NEW YORK STATE

Operating Hydro Facilities

Fourth Branch	3 MW
Hudson Falls	46 MW
Middle Falls	2 MW
New York State Dam	11 MW
Sissonville	3 MW
South Glens Falls	14 MW
Warrensburg	3 MW

82 MW
total operating capacity in New York

Over **31,200** homes **powered** annually

CO_2

Over **208,140** tons of CO_2 emission **avoided** annually

BORALEX'S VISION

Green energy generates long-term economic benefits for local communities while keeping our air cleaner, creating jobs, driving technological advancements and contributing to the local tax base that helps fund education, recreation and other local initiatives. Boralex grows the economies of the communities where it operates by creating community investments and purchasing goods and services locally.

We are equally committed to our role as a responsible and ethical neighbor, customer, taxpayer and steward of the environment. We engage with stakeholders early, often and broadly in informed discussions to ensure that our projects are consistent with local interests. As a future member in your community, we understand the decisions we make help shape what our shared energy future will look like.

NEW YORK STATE RENEWABLE ENERGY GOALS

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- An opportunity to encourage **new local investments**, create **new local jobs** and attract **new capital** from outside the state.
- New York State's (NYS) initiative is to generate 70% of its electricity through renewable sources by 2030 (the 70 by 30 goal).
- The objectives of the 70 by 30 goal are to **fight climate change** by transforming the way energy is produced, delivered and consumed in NYS, while ensuring that New York electricity consumers will have access to **clean, efficient, reliable and affordable power**.
- NYS asked the New York State Energy Research and Development Authority **(NYSERDA)** to conduct an **annual competitive Request for Proposal (RFP) process** to purchase Renewable Electricity Certificates (RECs).

NEW YORK ARTICLE 10

PROCESS SUMMARY FOR SOLAR ENERGY

Article 10 provides for the siting review of new and repowered or modified major electric generating facilities by the NYS Board on Electric Generation Siting and the Environment (Siting Board).

ROLE OF INVOLVED PARTIES

Public Stakeholders

- May provide thoughts, insights or questions throughout the Article 10 process.
- Informed of project during the pre-application phase, as outlined in Public Involvement Program (PIP).
- May submit comments on the Preliminary Scoping Statement (PSS).
- Following application submission, a stakeholder may choose to become a party to the formal Article 10 proceeding.

NYS Siting Board and Department of Public Service (DPS)

- The Siting Board oversees the Article 10 process to determine if a Certificates of Environmental Compatibility and Public Need should be issued for a project.
- The Siting Board consists of seven persons:
    - Five permanent representatives of state government agencies.
    - Two ad hoc members who shall reside within the host municipalities.
- The DPS provides staff to the Siting Board.
- Reviews the PIP.
- Serves as “Public Information Coordinator.”
- Refines the PSS.
- Allocates Intervenor Funding.

Boralex – Greens Corners Solar

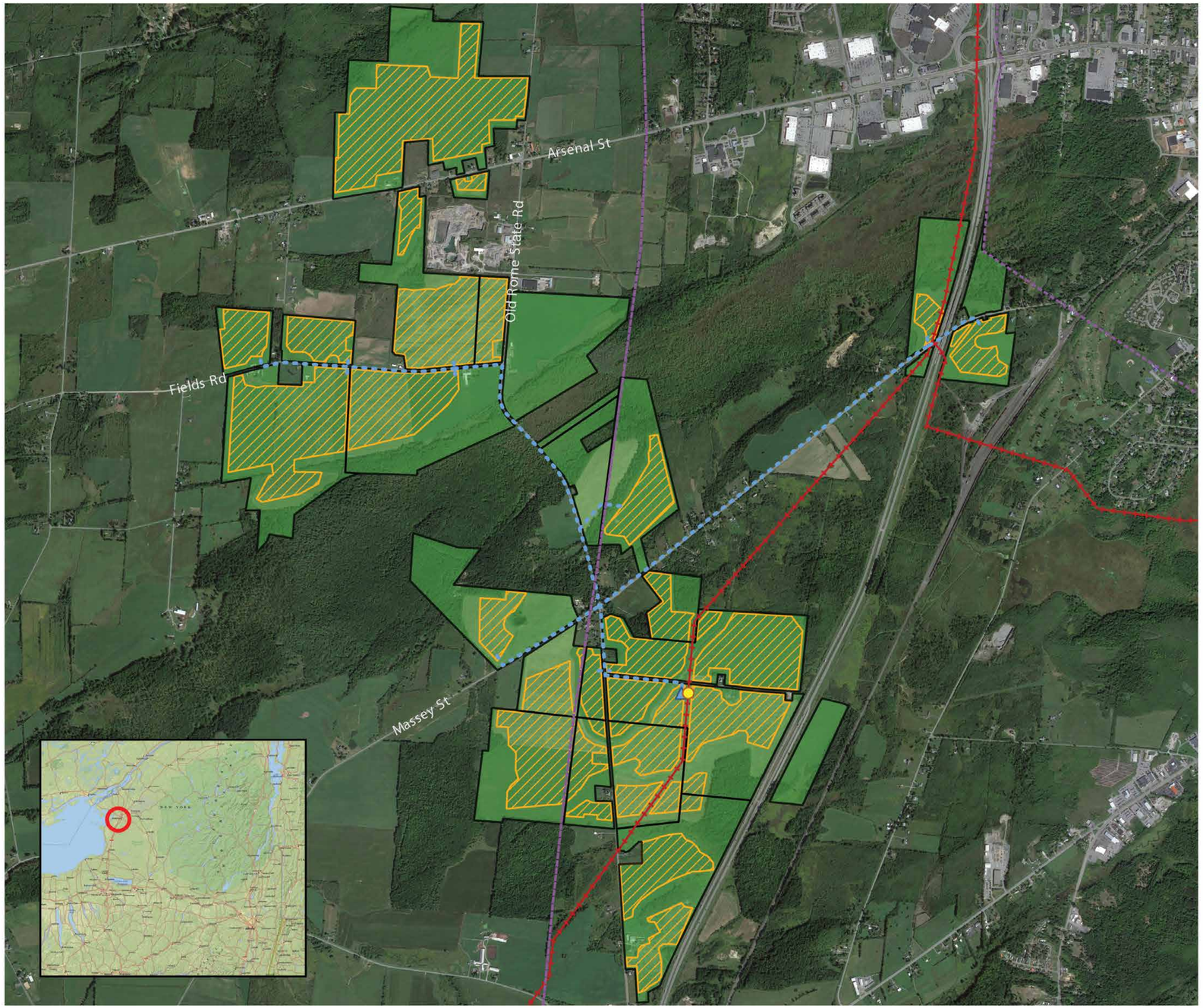
- Develops and implements the communication and engagement strategy contained in the PIP.
- Develops the PSS and performs all associated studies.
- Prepares an application to the Siting Board based upon stakeholder input from the PIP and PSS.
- At time of application, provides Intervenor Funding to address certain expenses incurred by municipal and local parties when participating in an Article 10 proceeding; at least 50% of these funds will be allocated to the host municipalities.

ABOUT THE PROJECT

- **Location:** Town of Watertown and in the Town of Hounsfield, Jefferson County, NY
- **Capacity:** 120 MW
- **Construction:** 2022-2023
- **Commissioning:** Q4 2023
- **Study area:** About 2,000 acres
- **Anticipated footprint:** 1,000 acres
- **Number of homes powered:** 16,000
- The project may include energy storage

PROJECT LOCATION

PRELIMINARY SITE MAP



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Greens Corners Solar Project

Preliminary Site Map

Project Areas
- Preliminary Buildable Areas
- Parcels
- Municipal Boundaries

POI
- POI 115kV

Substation
- 34.5/115kV Step-up sub.

Transmission Path
- Collector 34.5kV

Interconnection Route
- Interco. route 115kV

Existing infrastruture
- 115kV

N

0 0.5 1 km

2019-11-13

ARTICLE 10 STAKEHOLDER ENGAGEMENT TIMELINE

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2019 | 2020 | 2021 | 2022 | 2023

Pre-Application Phase

Public Involvement Program (PIP): Boralex has developed a PIP which contains a series of coordinated activities that provides a variety of effective public participation opportunities.

The plan identifies public concerns as early as possible throughout the various stages of the decision-making process, ensures communication between stakeholders and an applicant, and results in education of the public regarding the proposal and the Article 10 process.

Preliminary Scoping Statement (PSS): The PSS will describe the scope and methodology of studies to be included in the Article 10 application.

Intervenor funding available to municipalities and local groups.

Stipulations: The applicant may commence consultation and seek agreement with any party as to the scope of any study or evaluation to be made in support of the application.

Application Phase

Application: After submittal of an Article 10 application the NYS Department of Public Service must issue a determination within 60 days. If deficiencies are identified they will be addressed through an application supplement.

Intervenor funding available to municipalities and local groups.

Application deemed complete: The administrative law judge will set a date for public statement hearing and a pre-hearing procedural conference.

Hearings & Decision Phase

Hearings: Parties may submit information requests to the applicant seeking additional information or clarification on specific topics. The parties must also prepare testimony and identify issues that they may litigate during hearings.

Decision: The Siting Board must decide on whether to issue the certificate within one year of the application having been deemed complete.

Compliance Filings & Construction

A certificate issued by the Siting Board will include numerous conditions such as decommissioning and compliance filings that must be prepared and submitted by the applicant prior to construction.

Construction: During construction, the applicant must implement an environmental compliance monitoring plan, including preparation of an environmental manual, contractor training, pre-construction walkovers to identify sensitive sites to avoid, and daily inspections during construction and restoration activities.

At Boralex, consultation process is ongoing and will continue through operations.

TOPICS TO BE ADDRESSED

GENERAL THEMES	EXHIBITS
PROJECT DESCRIPTION	General requirement
	Location and project facilities
	Land use
	Alternatives
	Preliminary design drawing
	Construction
	Real property
	Cost of facilities
	Site restoration and decommissioning
COMMUNICATIONS AND PUBLIC	Overview and public involvement
INTERCONNECTION, ENERGY AND ELECTRICITY	Electric system effects
	Electric system production modeling
	Consistency with energy planning
	Objectives
	Electric interconnection
HEALTH AND SAFETY	Public health and safety
ENVIRONMENT	Pollution control facilities
	Air emissions
	Noise and vibration
	Cultural resources
	Geology, seismology and soils

GENERAL THEMES	EXHIBITS
ENVIRONMENT	Terrestrial ecology and wetland
	Water resources and aquatic ecology
	Visual impacts
	Effect on transportation
	Effect on communication
	Socioeconomic effects
	Environmental Justice
	Glint and glare
	Water interconnection
	Stormwater management
	Telecommunication interconnection
LAWS, REGULATIONS AND PERMITTING	Local laws and ordinances
	State laws and regulations
	Other applications and filings
	Applications to modify or build adjacent

SOLAR ENERGY

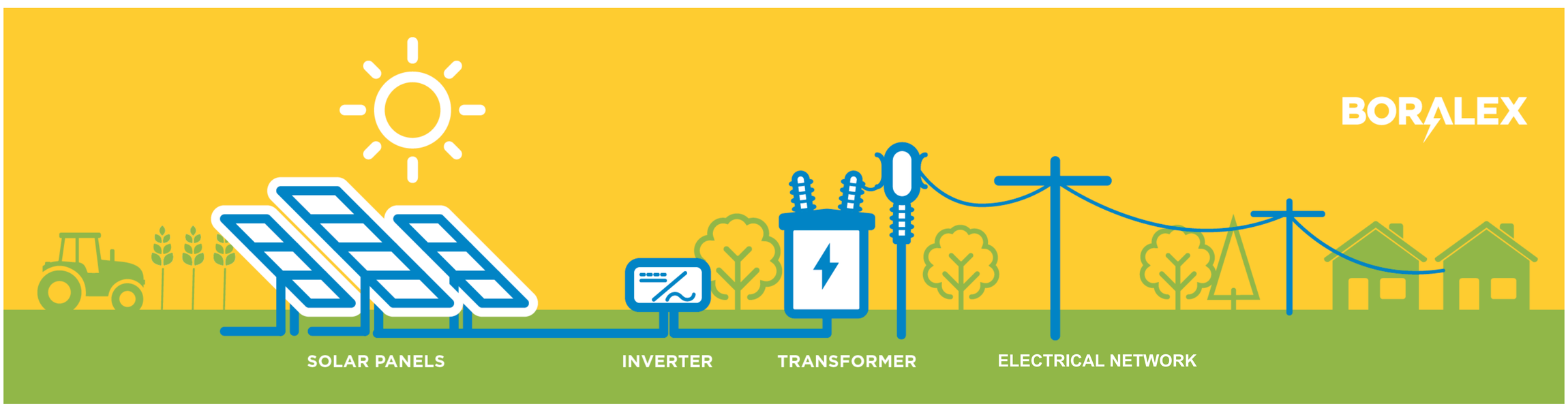
HOW DOES A SOLAR FACILITY WORK?

A photovoltaic installation recovers energy transmitted by the sun, transforms it into electricity and then distributes it to the customers connected to the grid. Greens Corners Solar may also include energy storage as a component of the design.

- Solar panels convert light directly into a continuous electric current.
- The inverter then transforms this electricity into an alternating current compatible with the grid.
- The transformer increases the voltage of the electricity so that the energy can be introduced into the transmission or distribution grid, then to customers.

POSITIVE ENVIRONMENTAL IMPACTS

- Clean and renewable
- Emits no greenhouse gases



PROJECT BENEFITS (JOBS)

CONSTRUCTION JOBS

Staffed to the greatest extent possible by local and regional workers, the project's construction jobs would not only employ a significant number of people but create local renewable energy construction expertise.

The project would create direct and indirect economic benefits by procuring local products and services (hotels, restaurants, fuel and more).

- **Number of jobs:** Approximately 100 construction workers
- **Anticipated duration of construction:** 15–20 months

PERMANENT JOBS

Once operational, the facility is expected to create **2.5 permanent jobs** in the community.

LOCAL CONTRACTOR SERVICES

Boralex is very interested in engaging with local construction and operation service providers. A database of local service providers will be maintained, and we will solicit proposals from local contractors to participate in the project.

WE SUPPORT THE LOCAL ECONOMY

In addition to the jobs created during the development, construction and operation of our facilities, we try to source goods and services from local suppliers throughout the life of our projects.

Interested parties are encouraged to contact Boralex at:
1-844-990-9146
info.usa@boralex.com

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PROJECT BENEFITS (LOCAL REVENUE)

BORALEX

Renewable energy projects create positive social and economic benefits for communities by increasing municipal taxes, creating jobs and stimulating local economies.

The Greens Corners Solar facility would generate significant incomes over the lifespan of the project to the Town of Watertown, the Town of Hounsfield, Jefferson County, the South Jefferson School District, the Watertown City School District and the Sackets Harbor School District. These payments would be substantially higher than the tax payments currently being contributed by the project host properties and their existing land use.

These revenues are anticipated to be contributed via a Payment in Lieu of Taxes (PILOT). Discussions will start in 2020.

WE DEVELOP STRONG RELATIONSHIPS

Our long-term perspective helps to shape our development approach, motivating us to develop strong relationships with the host communities and with whom we hope to be good neighbors for decades.

BENEFITS

Solar farms provide many economic benefits to local municipalities.

- SUPPORTING LOCAL SUPPLIERS
- INCREASING TAX REVENUES TO MUNICIPALITIES
- OFFSETTING GREENHOUSE GASES
- IMPROVING AIR QUALITY

PROJECT BENEFITS
(AGRICULTURAL COMPATIBILITY)

In collaboration with the project landowners, Boralex is exploring the possibility of implementing dual-use applications on the lands where the Greens Corners Solar project would be located.

WHAT IS DUAL-USE?

Dual-use means having a continued agricultural use between the rows of solar modules.

Where dual-use is employed, it maintains traditional use of the land, while generating new income to the landowner and the community. With or without dual-use, the solar facility will preserve the land from other permanent development, and when it reaches the end of its lifespan, the land will be fully restored.

WHY IS BORALEX CONSIDERING DUAL-USE?

We are interested in optimizing land use and allowing continued agricultural production on the land. Boralex has successfully implemented dual-use on our operational solar facilities, and we are interested in working towards dual-use strategies that are compatible with the host landowners' activities and local agricultural markets.

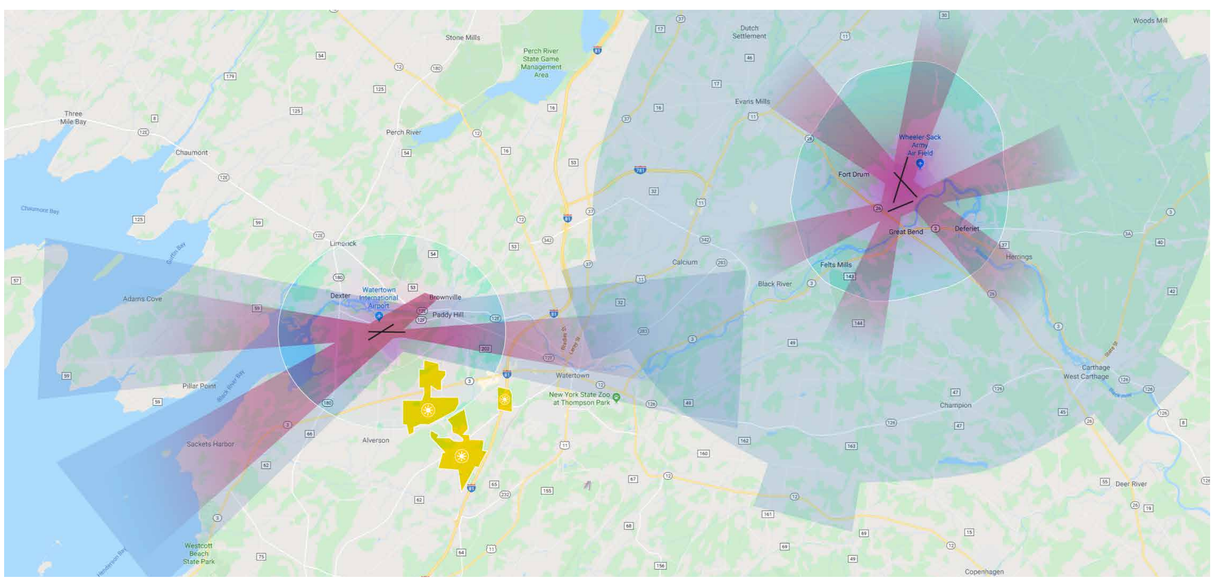
WHAT ARE THE POTENTIAL AGRICULTURAL ACTIVITIES FOR SOLAR DUAL-USE?

- Animal grazing
- Growing shade-tolerant crops
- Seeding for new pollinator habitat
- Manure injection and associated cover crops
- Creating new habitat for native species

SOLAR'S COMPATIBILITY WITH NEARBY AIRPORTS

Boralex is engaged with Fort Drum and the Watertown International Airport to collaborate on the appropriate studies needed to ensure the construction and operation of the project will not impact the ongoing operations of those facilities.

Solar panels are constructed of dark, light-absorbing materials and covered with an anti-reflective coating designed to maximize absorption and minimize reflection. Out of consideration for Fort Drum and the Watertown International Airport, a Glint and Glare study will be conducted to assess any potential reflection impacts from the facility.



We believe that a successful project benefits the entire community, and we think there's a lot to be excited about when it comes to welcoming green energy projects to yours. By emphasizing collaboration and communication, Boralex has earned a reputation for successfully completing projects that prioritize community integration.

GREENS CORNERS SOLAR SCHEDULE

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Q2 2019
(April - May)
Initial meetings with the Towns

Q4 2019
(November)
First Public Open House

Q2 2020
PSS Submittal

Q4 2020
NYISO Class Year Study

Q2 2021
Public Open House

Q2 2022
Article 10 Siting Board Decision

2019 | **2020** | **2021** | **2022** | **2023**

Q3 2019 – Q4 2020
Field Studies

Q2 2022 – Q4 2023
Construction & Commissioning

Q3 2019
(July)
PIP was Submitted

Q3 2019
(September)
Bid Submitted for NYSERDA RFP

Q4 2020
Article 10 Full Application Submittal

Q3 2021
Article 10 Hearing Procedures

Q2 2022
Interconnection Agreement Signed

Q4 2023
Commercial Operation Starts

At Boralex, consultation process is ongoing and will continue through operations.

WHAT DOES A SOLAR FACILITY LOOK LIKE?

Boralex developed Les Cigalettes, a 10 MW solar facility, in a rural agricultural community in the town of Montfort, France. Aligning with our interest of agricultural dual-use and engaging with the local community, we have partnered with a local shepherd at the Les Cigalettes site.

Similar to the Les Cigalettes solar facility image, the area beneath the solar array at Greens Corners Solar would be vegetated. The piles supporting the racking would be either pile driven or helical pile. The design for Greens Corners Solar features single-axis tracking, therefore the rows of modules would rotate along a north-south axis to track the sun during the course of the day to maximize energy production of the facility.