

Cayuga Solar Project Introduction

Contact us!
[866-757-7697](tel:866-757-7697)
Cayugasolar@aes.com



Owned and Developed By
AES

Agenda



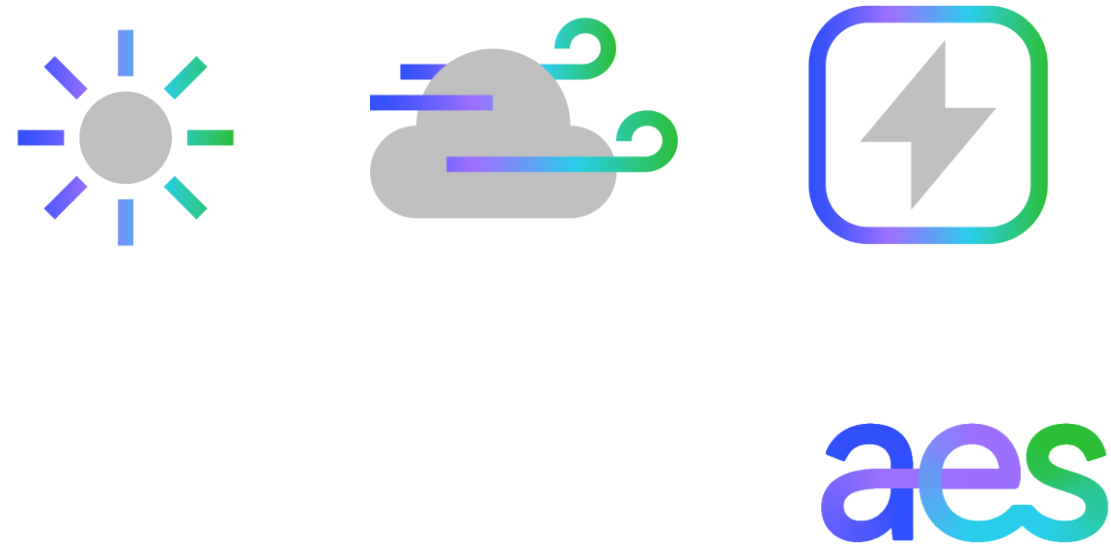
1. Introduction & About AES
2. Cayuga Solar Project Overview
3. Regulatory Overview
4. Next Steps

Introduction

- **Jack Donelan, M.S., LEED Green Associate, G.I.T**
- Development Manager for Cayuga Solar
- Leading development of several utility scale solar projects in New York State
- Hydrogeologist by background
- 10 years of experience working in development including as an engineering consultant



AES' US Renewables business overview



1,400+ People

550 Projects

26 States

7.2 GW

Operating clean energy resources

51 GW

Clean energy projects in development



Fluence Energy, our joint venture with Siemens, was recognized in 2023 as the #1 Global Provider of Battery-Based Storage Systems by S&P Global Commodity Insights, reflecting AES' global leadership in energy storage.

Recognized for our commitment to sustainability

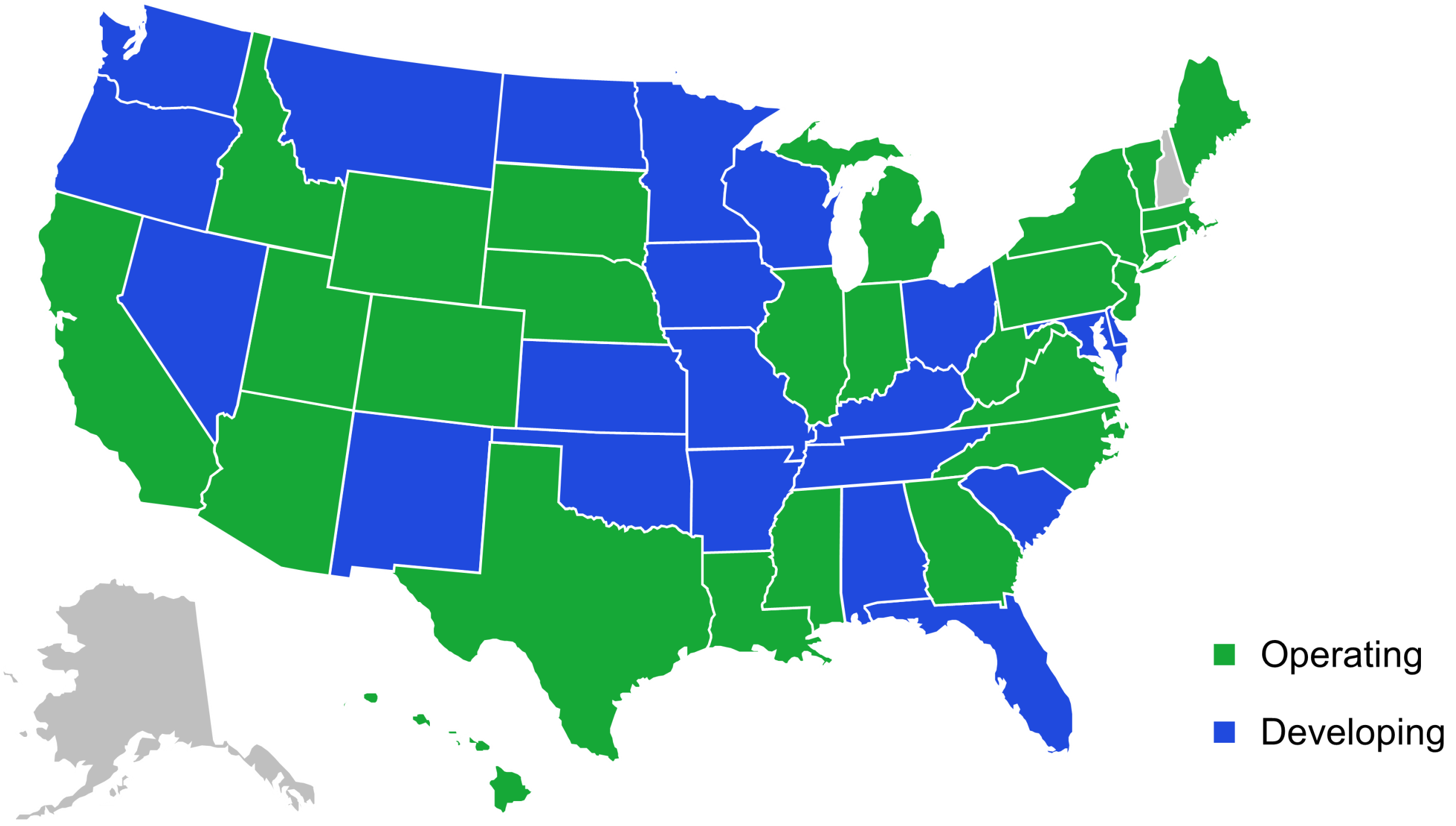


We are proud to be recognized by BloombergNEF for the past three years as one of the top two Sellers of Clean Energy to Corporations Through PPAs, reflecting our leadership in co-creating innovative energy solutions with our partners.

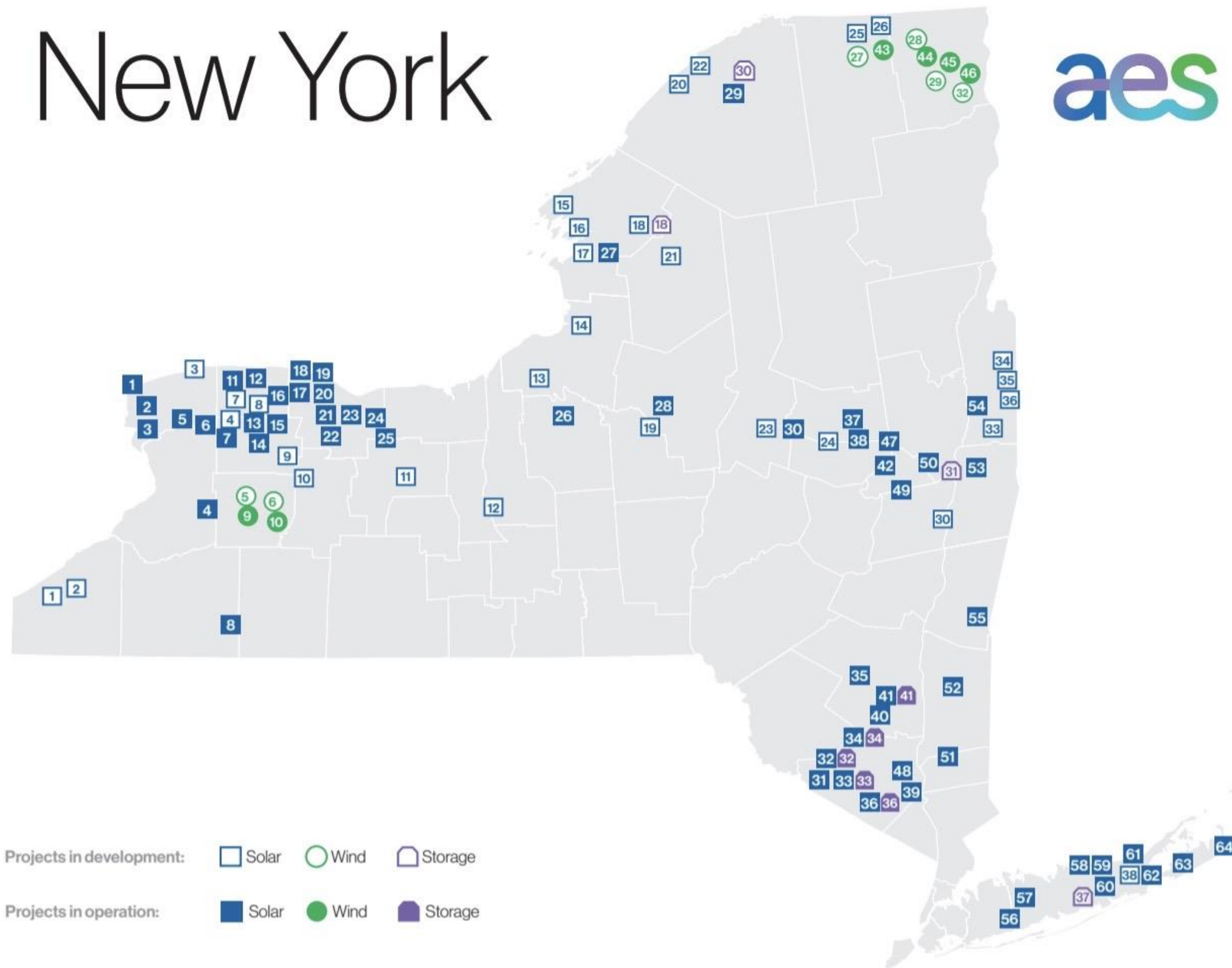
US Renewables portfolio

7.2 GW
operating

51 GW
in development



New York



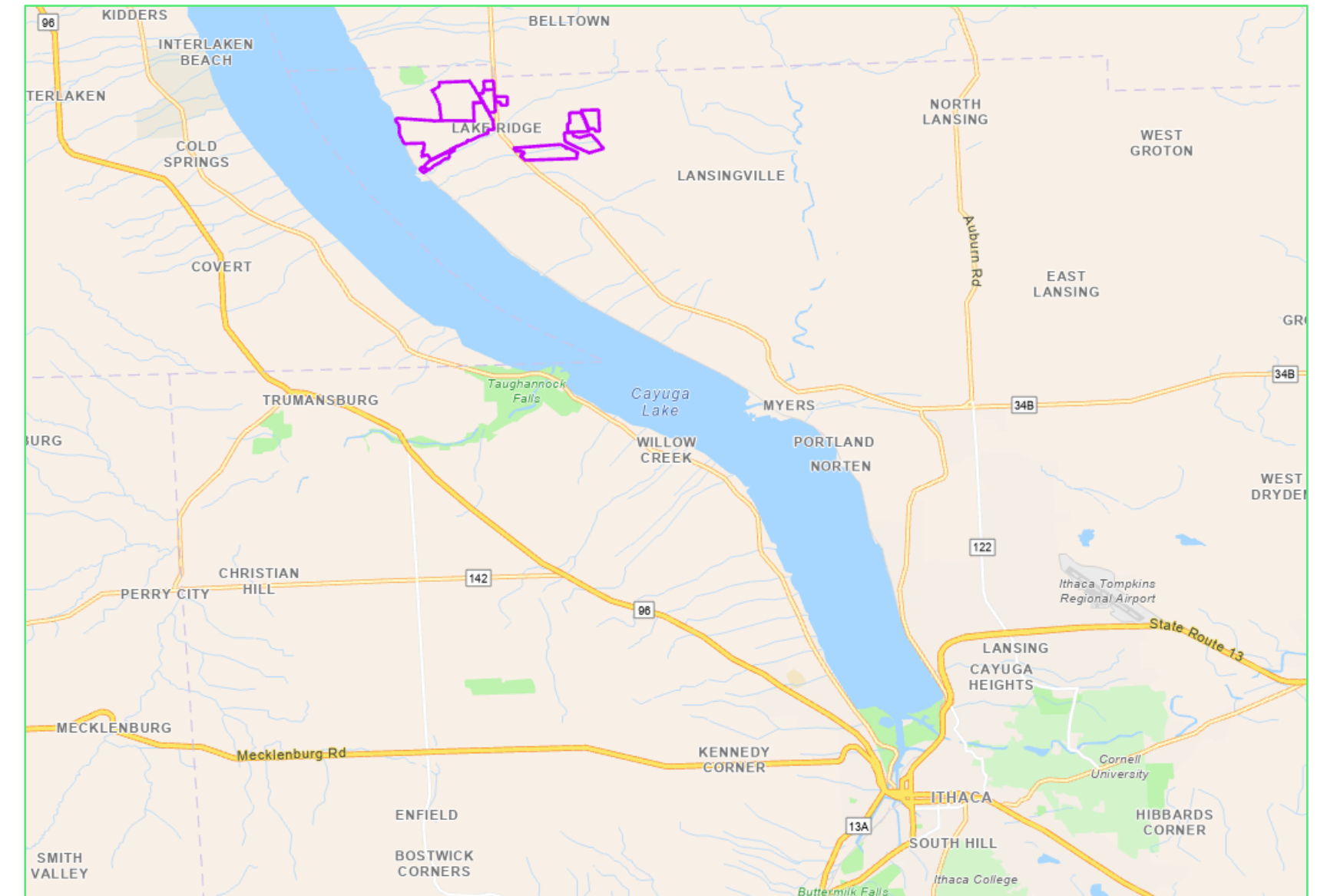
2022 NYSERDA Bids

Awarded:

- Somerset Solar
- Hemlock Ridge Solar
- White Creek Solar
- Riverside Solar
- Bliss Wind
- Wethersfield Wind
- Chateaugay Wind
- Ellenburg
- Altona
- Clinton Wind
- 1.2 GW Total**

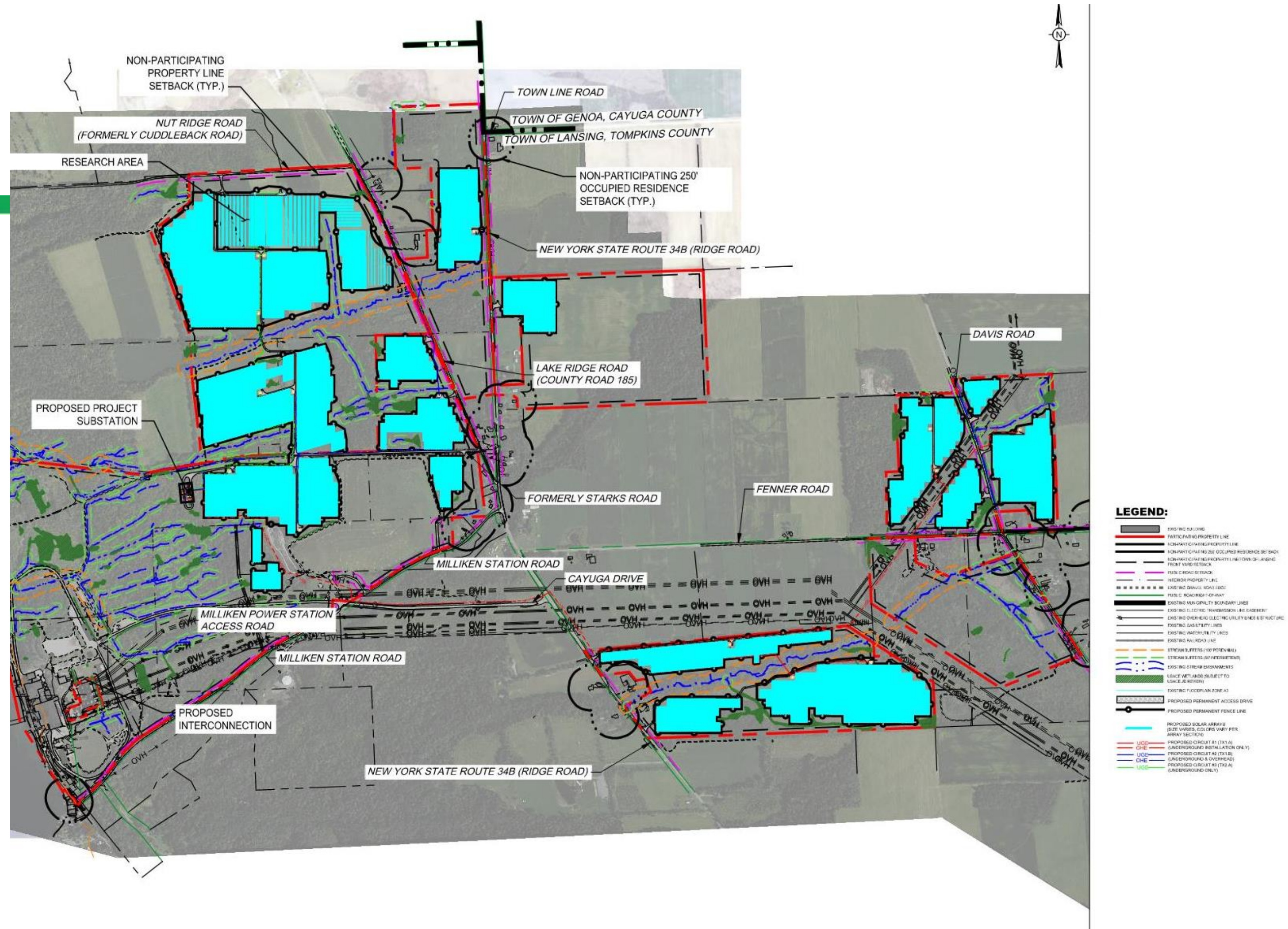
Cayuga Solar Overview

- **Nameplate Capacity:** 60MW Solar
- **Location:** Town of Lansing, Tompkins County
- **Point of Interconnection:** Milliken Station Existing 115 kV Substation (NYSEG)
- **Environmental Benefits:** Enough electricity to power ~10,500 homes annually.
- Beneficial Reuse of Milliken Station Site
- **Project Footprint:** Approx. 400 acres
- **Expected Commercial Operation Date (COD):** 2028



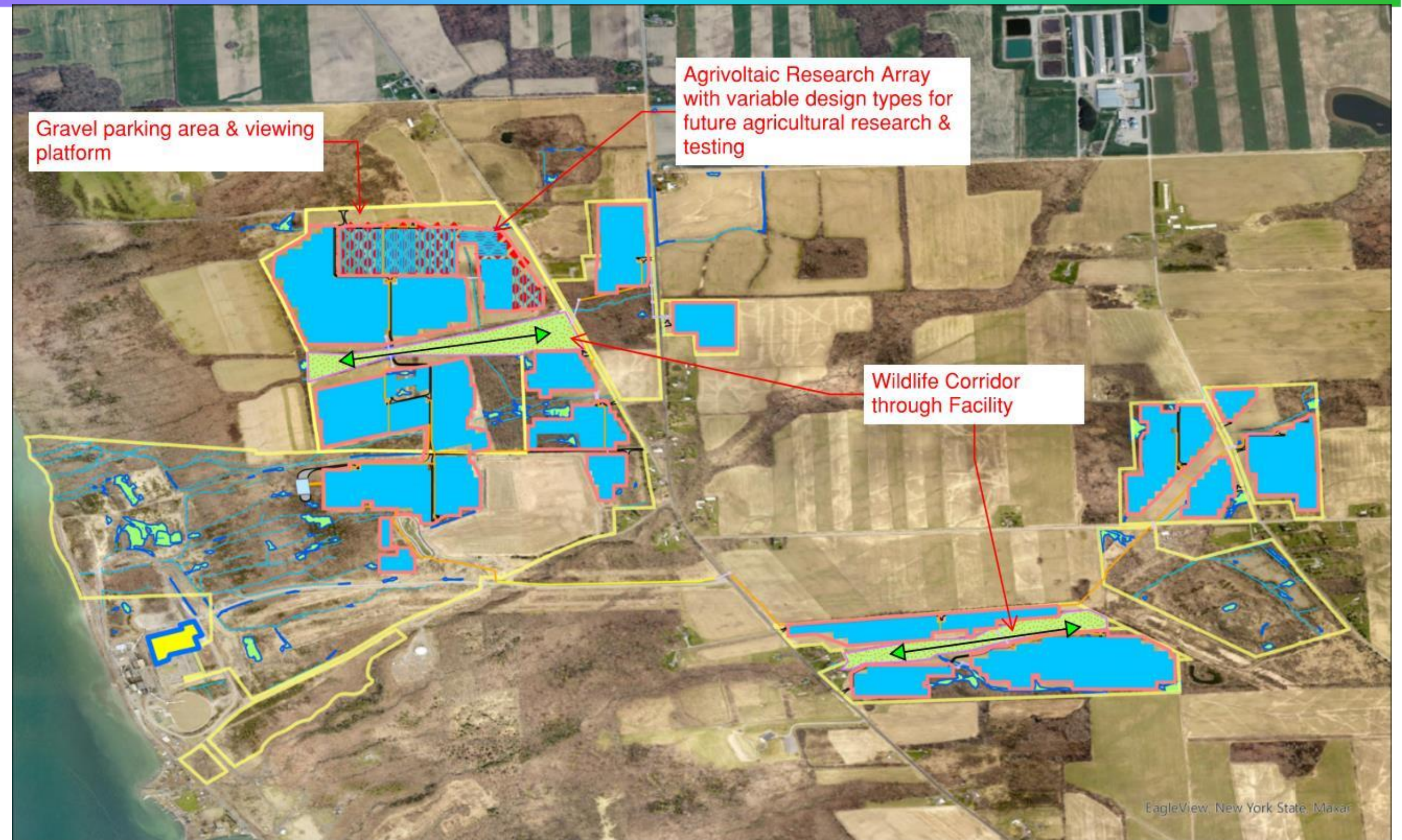
Preliminary Facility Layout

- Facility Site Footprint is about 400 acres
- Point of Interconnection: Milliken 115kV substation at retired Milliken Station Power Plant
- Project footprint uses as much land on Milliken station as possible, adjacent parcels

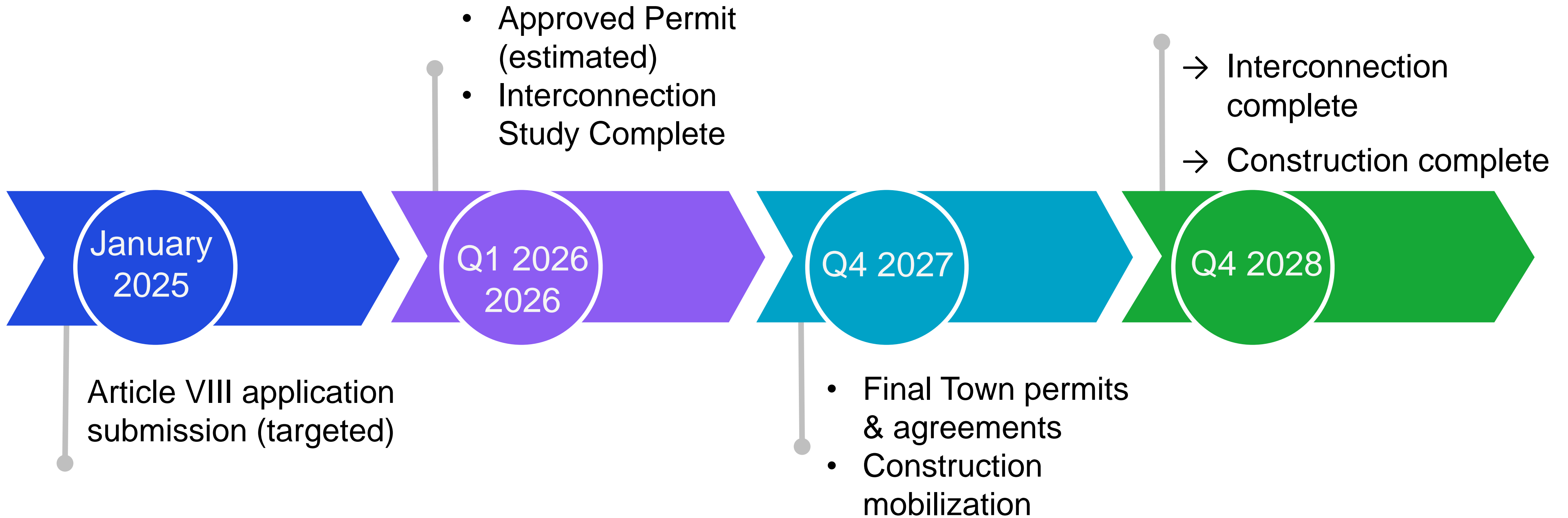


Preliminary Facility Layout

- Agricultural Research Facility with Single Axis Tracker, Fixed Tilt, and Vertical Panel
- Equipped with Sensors & instruments for microclimate data collection
- Corridors to allow wildlife travel through site
- Agrivoltaics throughout full Facility area
- Close coordination on stormwater design



Proposed Project Timeline



NYS Article VII Siting & Commercial Process

- Project permitted by NYS since it is greater than 25MW
- Project will adhere to local laws to the maximum extent practicable
- Town will be heavily involved in consultations and final review of project details prior to construction
 - Town Building Permit & Fire Code Compliance prior to construction
 - Town Approval of SWPPP through MS4 process
- Project will connect to the NYISO transmission grid at Milliken Station substation
- Project will be submitted to NYS NYSERDA Large Scale Renewables solicitation in 2025

Economic Benefits

- About \$100 million capital investment
- Over \$5 million in estimated tax revenue over 20 years between taxing jurisdictions
 - Little to no additional burden on local services/resources
- \$500/MW per year electric utility bill credit
- Solar Agrivoltaics Demonstration & Research Facility
- Host Community Agreement (HCA) with Towns
- Hundreds of high paying construction jobs
- Up to 5 full-time equivalent jobs
- Continued agriculture with project vegetative maintenance, agricultural research

Next Steps

- **Local Consultations on**
 - Land Use
 - Visual Impact Assessment
 - Cultural Resources
 - Transportation
 - Health and Safety
 - Socioeconomic
 - Civil Stormwater (Lansing is MS4 community)
- **September 24, 2024** – Meeting with Agencies regarding regulatory/procedural aspects of project and local town laws
- **October 2, 2024** – Open House from 5-7PM at Community Center
- **January 2025** – Article VIII Permit Application Submittal

AES' Social Impact Program

Program Mission: Our social impact program partners with communities to strengthen positive impact through socioeconomic and environmental partnerships that improve lives today and in the future.

Partnering with Communities: AES people live and work in the communities we serve to fulfill our commitments in New York and around the world every day. We focus our efforts and support in key areas that deliver broad and meaningful impact to the community.

Focus Pillars: Our 4 focus pillars are our initial framework for providing donations to community organizations and developing partnerships to positively impact our host communities.

- Partnering for access to safe, efficient, and affordable energy and basic services.
- Partnering for Inclusive economic growth and education.
- Partnering for the environment
- Partnering for community resilience.

We want to hear from you!

Reach our NY Stakeholder Relations team:

- 866 – 757 – 7697
- www.aes.com/cayuga-solar



AES celebrating our partnership with the United Way of Northern NY

Current Partnerships in the North Country:

- Lewis County Search and Rescue
- Railway Historical Musuem
- Beaver Falls Fire Department
- Town of Lowville Summer Rec Program
- United Way of Northern New York
- Jefferson Lewis Workforce Development Board
- Castorland Fire Department
- Croghan Library
- Croghan Volunteer Fire Department

"Our railroad library has been growing since our opening in the early 1990's. But thanks to AES we will be able to display more and the living quarters have come to life once more ". - Laurie Halladay, Manager of Railway Historical Musuem

