LOW-COST NATURAL POWER FOR THE CAPITAL REGION
About Us

- Solar developer based in Troy, NY with operations in United Kingdom and Sub-Saharan Africa
- Focused on community solar & storage with industry-leading approach to communities and biodiversity
- 150MW of 7.5MW projects in the Capital Region
  - 20 in development
  - 10 approved
Our Team

Harry Lopes
Chief Executive Officer

Giovanni Maruca
Chief Development Officer

Gillian Black
Project Development Director

Jonaliza Ceklic
Community Affairs Manager

Jaimi DeFeo
Education Program Manager

Jennifer Galavotti
Project Coordinator

Ed Parker
Community Outreach Manager

Stephanie Puliafico
Project Administrator
Development Process

SITE SELECTION

- Timeframe: 1-2 months
- Site assessment:
  - Suitable Acreage
  - Viable Grid Connection
  - Supportive Town
  - No/Low Environmental, Regulatory Constraints
  - No/Low Visual impact

GRID APPLICATION

- Timeframe: 6-9 months
- Application to connect to grid
  - Follows NYSIR process for <5MWac projects through a stage-gate process from initial application to final interconnection approval.

DESIGN & DEVELOPMENT

- Timeframe: 1-3 months
- Site design based on assessment
  - Work with particular site constraints to design a viable system.
Development Process

PLANNING APPLICATION

- Timeframe: 6-9 months
- Municipal approval process
  - Preliminary meeting
  - Identify processes requirements
  - Sketch plan submission
  - Iterative site plan submissions
  - Community engagement
  - Public hearing
  - Site plan approval

CONSTRUCTION

- Timeframe: 3-4 months
  - Carried out by EPC or GC company
  - Local jobs & materials when possible
  - Traffic management
  - Stabilize and improve site conditions
  - Initiate biodiversity measures

OPERATION & MAINTENANCE

- Timeframe: 25-40 years
  - Requires little maintenance
  - Biodiversity measures
  - Module cleaning as required
  - Security and generation output regularly monitored
  - Potential re-powering with higher wattage modules.
  - Decommissioned end of term
Landowner Benefits

- Provides long-term, reliable and diversified income
- Average site area of 35 acres allow many landowners to continue farming
- Biodiversity enhancements support the environment and local agriculture and ultimately improve the land
- Positive action in the community to combat climate change
Low-Cost Clean Energy

● 7.5MWp capacity - enough to power about 1,225 average-sized homes
  ○ Equivalent to planting 10,000 average-sized trees annually, which can absorb 310,000 pounds of carbon dioxide per year (Source: EPA)

● 10% savings on electricity bills
  ○ Approx. $158,760 total annual community savings (Source: NYSERDA)
  ○ Priority subscription offered to local residents and businesses
  ○ Available to all National Grid customers
Pollinator-Friendly Habitats

- Wildflower meadows produce nectar and pollen to help bees and local pollinators thrive

- Fruit orchards and beehives provide pollination service for local farmers and produce honey

- Critical to New York’s agricultural industry, responsible for $500 mil worth of crops annually
Biodiversity Enhancements

- Trees & hedges added to reinforce screening
- Birds & bat boxes to encourage birds to nest and bats to roost
- Livestock grazing to control invasive plants in natural areas
- Annual ecological surveys to monitor and continuously improve site
Education Resource

7,800 school children visits to our solar farms by 2019

- Educational support to local schools
- Annual visits to our sites with technical and/or environmental specialists
- Lesson plans meet New York State academic standards

$6,000 in Green STEM scholarships awarded so far
Locations

Under Development:
- Green Dale, Towns of Schodack & Kinderhook
- Tamarac, Brunswick

Consented:
- Cedar Hill, Schodack
- Claverack Creek & Catskill View, Claverack
- Herrington, Schaghticoke
- Oak Hill Farms, Duanesburg
- White River, Schodack

Ready for subscriptions:
- Elmbrook, Schodack
- Cedar Hill, White River, Schodack - Coming soon!
Subscription

Ready to go solar?

Subscribing to our community solar farms means saving 10% on your electricity bill while supporting your community, healthy pollinator habitats, and a clean energy future.

Add your name to the waiting list and be the first to know when you can subscribe to a community solar farm near you.

For questions regarding subscriptions, you can contact us by going to:

https://edenrenewables.com/reserve-your-spot