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These principles reflect our promise to our host communities, landowners, and other stakeholders.

EDF Renewables is committed to:

- Honesty and transparency in all our development activities
- Engaging with all stakeholders and remaining open to taking input that will improve projects and mitigate impacts
- Being present and available in the community to ensure all voices are heard
- Treating landowners, host communities, and stakeholders fairly and equitably.

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GRID-SCALE POWER

35+ years

We were on the forefront of the burgeoning wind industry in California as a service provider beginning in 1985.

\$18+ billion

Since 2010, we have paid over \$18 billion to vendors, including lease payments made to landowners.

8,000

Our 20 GW project development has created 8,000 on-site jobs.

Based on an employment factor of 4 jobs per MW IRENA Annual Review

20 GW

We expanded into project development in 2000 and have developed 20 GW of grid-scale solar and wind projects across North America.

as of 12/31/20

Bigger projects. Bigger impact.

EDF Renewables' Grid-Scale Power team ; provides **origination, development, transaction and construction** services for large-scale wind (offshore and onshore), solar power generation and storage projects across North America.

Our team of leaders can solve energy challenges facing businesses and communities no matter the size or complexity.

1.6GW (1,600MW put in service in 2020)

1,033 MW

- wind
- solar

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Statewide Development Pipeline

Rosalen Towns of Rose and Galen 350 MW 2025 COD
Ridge View Towns of Hartland and Newfane 350 MW 2025 COD
Morris Ridge Town of Mt. Morris, 177 MW 2023 COD - NYSERDA Winner in 2018
Genesee Road Towns of Concord and Sardinia 350 MW 2025 COD
Moraine Towns of Burns and Dansville 94 MW 2023 COD
Suffragette Town of Seneca Falls 20 MW 2022 COD

Rich Road Town of Canton 240 MW - 2025 COD	Tracy Towns of Clayton and Orleans 119 MW 2024 COD
Copenhagen Wind Town of Denmark 80 MW (in service since 2018)	Columbia Town of Columbia and Solon 350 MW 2025 COD

Homer Towns of Homer, Cortlandville & Solon 90 MW 2023 COD	Edora C Town of Wawayanda 20 MW 2022 COD	Staten Island Storage 20 MW / 80MWH 2022 COD
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Homer (90MW), Tracy (119MW), & Moraine (94MW) Are 2020 NYSEDA RFP Awards

- In Development
- NYSEDA Contract
- Online

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Project Information

System Capacity: 240 MW

Energy: ~450,000MWh –equivalent to more than 60,000 homes

Location: Town of Canton; North and South of Route 11 on the West side of the village

Land: ~1500 acres

Project Timeline:

- **Land Acquisition:** Ends late 2021 (99% complete)
- **Permit Submission:** End of 2022 for approval ~ end of 2023
- **Construction Starts:** Beginning of 2024
- **Construction Ends:** End of 2025
- **Operational:** End of 2025

Project Operation: 35 years

Interconnection: New substation connecting to newly re-built transmission line running through project area

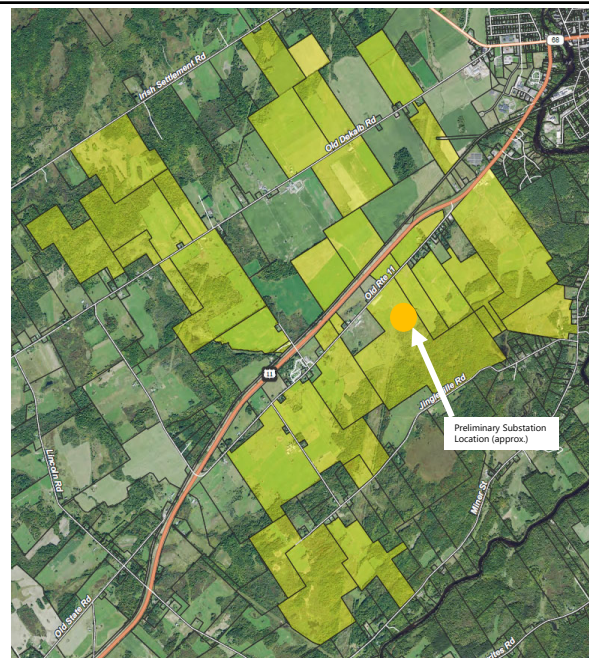
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Project Map

- Parcels signed are shown in yellow. For simplicity, we are showing entire parcels.
- Signed properties represent 100% of the land required for the project. We may sign small amount of additional land optimize and to avoid environmental constraints like wetlands, wildlife areas, etc.
- Substation locations in Orange. This is preliminary and approximate. Goal is to place the substation far from residential neighbors and if possible, out of sight.
- Currently in the process of obtaining easements for electrical collector lines to connect the solar lease properties
 - Ideally, we will sign a few more solar leases between the existing properties, to lower the number of easements needed
 - Nearly all collector lines will be underground a minimum of 42" (or 48" through active agricultural lands)
 - Overhead lines will only be used when deemed absolutely necessary (where there is also low visual impact).



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2021 Activities

- **Wildlife Site Characterization**- Used to identify any threatened or endangered species or species of special concern within or immediately adjacent to the project site. **Occurring now**
- **Breeding Bird Surveys**- Conducted to identify and document any state listed endangered breeding bird species that utilize the proposed Project area during the breeding season. **Occurring now**
- **Winter Bird Surveys** - Conducted to identify and document any state listed endangered breeding bird species that utilize the proposed Project area as wintering habitat. **Beginning December 2021**
- **Phase IA Archaeological Survey**- Conducted to identify areas of archeological sensitivity within or immediately adjacent to the project site. **Occurring now**
- **Desktop-Based Wetland and Water Resource Delineation**- Used to identify wetland within the project site, advise on project design and field delineation. **Desktop study occurring now using LIDAR data; field surveys scheduled for September- October 2021**
- **Topographic LIDAR Survey & Aerial Imagery**- survey taken from a plane to establish 1' contours and obtain high quality aerial imagery. **Beginning Late Fall 2021 (when leaves are off trees)**

While the project was active in land acquisition from 2018 through 2020, we were waiting on certainty on transmission system upgrades by NYPA & National Grid before proceeding further. Phase 1 of the upgrade is in construction now and Phase 2 was approved in 2020.



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New 94C Permitting Process

And the creation of new 'Office of Renewable Energy Siting'

- EDF has applied to transition into the new 94C permitting process. 94C has replaced Article 10.
- Final regulations were executed March 3, 2021.
- Standardized conditions for solar projects to meet.
- Level of environmental studies, design, engineering, largely unchanged, however, more detailed design and engineering required.
- Early coordination on environmental impacts & reports required
- Adherence to substantive provisions of local zoning laws still required but a waiver is available like Article 10.
- One-year timeline for approval following a completeness determination (roughly 60 days following an application)
- \$1,000/MW fund for intervenors & towns. Definition of intervenor is tightened up.



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NYSERDA Tier 1 RFP

- NYS Holds annual procurements for renewable energy through NYSERDA.
- This meeting serves as notification that EDFR is bidding the Rich Road Solar Energy Center into this procurement.
- 2021 bids are due in August, and winners will be announced in Q4 2021.
- EDFR won 1 project in 2018 (177MW in Livingston County) and 3 projects in 2020
 - Tracy Solar (119MW, Jefferson County)
 - Homer Solar (90MW, Cortland County)
 - Moraine Solar (94MW, Allegheny County)
- Contract structure is the sale of renewable energy credits to NYSERDA who in turn sells them to the State's utilities to comply with Renewable Portfolio Standard

New York State Renewable Energy Goals

The State of New York has a goal of reaching 70% renewable energy by 2030

- The primary strategy for reaching these goals is for NYSERDA to contract directly with large renewable energy projects, like Rich Road Solar
- The State has outlined a plan to continue to procure very large quantities of Renewable Energy from 2021-2026. Around 3,000-4,000MW per year is estimated (Rich Road = 240MW)



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Electricity without emissions & pollution

Safe and non-toxic materials

The modules are comprised of silicon, copper, and aluminum between glass and plastic with an aluminum frame.

These types of solar modules cannot release any toxic materials

No risk for the environment

Inverters and Transformers used to condition power for use on the grid do not contain heavy metals or toxins. Even during a malfunction or when damaged, no environmental risk is present.

Promoting Native Plant Species & Pollinators

Native vegetation to support wildlife & pollinator species in the area, improving carbon sequestration.

No pesticides or herbicides are used in solar array areas unless mandated by environmental agencies

- For example if invasive plant species were to develop in the area
- Within substation, herbicides are required by code to ensure plants do not grow into electrical equipment & cause a fire.



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Solar Energy and Agriculture


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Agriculture and electricity production can result in two revenue streams while sharing the same piece of land.

- Some of the more common and successful agrivoltaic practices include sheep grazing and foraging of bees and other of pollinator species
- EDF has integrated these practices at our 23 MW Arnprior solar project near Ottawa Canada, where within the footprint of the project local farmers have successfully built a monarch butterfly conservation area, as well as bee and sheep grazing projects that produce over 300 honey jars annually, and host over 300 sheep
- Potential additional job creation and innovation using these practices over coming years (we see growth opportunities in the areas of Solar Vodka, Mead, Wool products, Lamb)
- By eliminating the use of herbicides and pesticides in conjunction with solar grazing and the planting of native species we allow the land to rest, improving carbon sequestration, and returning nutrients back into the soil

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Decommissioning & Restoration

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Decommissioning is the process of removing equipment (solar panels, inverters, transformers) and improvements (roads and fences) and returning the land to original condition.

- Decommissioning of the project is planned from the start, expected in year ~35-40 of the project's life
- 94C and local laws require a security, typically in the form of a letter of credit, to be posted to cover the cost of decommissioning the facility, prior to the start of operation
 - The Host Communities and the State will have access to this letter of credit
 - The amount will be adjusted based on inflation over time
- Where the land was previously used for agriculture, any topsoil that was removed or disturbed during the construction, operation or decommissioning of the solar facility is replaced, aerated, and the land can be returned to farming

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New Revenues for the Community

Long Term Stable Tax Agreements

- Split between Towns, County and Schools
- Covers value of the project's equipment
- Solar Pilots typically range from \$2,500/MW to \$3,000/MW, equal to \$600,000 to \$720,000 per year for 240MW
- Increase in local revenues with no additional municipal costs
- With 2% tax cap, potential to lower taxes for all taxpayers

Increased Tax Revenues on Land

- As agricultural exemption is removed, a 5-year tax payment equal to the amount of the exemption is paid – estimated at more than \$75,000
- Going forward, land is assessed at full value, resulting in a boost to the tax base – estimated to be on the order of \$50,000/year

Special District Taxes

- Large contributions by the project so special district tax rolls, ex: Fire Departments, Light Districts, etc. as applicable to the project lands.
- Holding spending flat, this lowers these taxes for all other taxpayers.



Community Benefit Fund

- \$30,000 per year for the initial 10 years of the project
- Run by members of the community with the help of the local project team with decision making by local community representatives
- Distribute funds to local civic groups, nonprofits, projects, or other beneficial community programs in the Town of Canton

Host Community Electricity Benefit

- \$500 per MW per year for the initial 10 years of the project (240MW x \$500 = \$120,000)
- This payment is split between all residential electricity customers. Canton has approximately 3,200 households (including Village) which would yield around \$37 per household. Note, it is unclear if the law would require including the village.

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Many Layers of Economic Impacts



LEASE PAYMENTS

Annual \geq \$1M and increasing over time



PILOT & Other Taxes

Benefits county, towns, schools, and special districts like Fire Dept.

Total tax contributions will be around $>$ \$600k/year and increasing over time



JOBS

Approximately 250 prevailing wage construction jobs and 3-4 permanent jobs

Local Spending from employment boost (hotels, restaurants)

Vocational and technical training for students



LOCAL IMPACTS

Subcontractors, equipment suppliers, local vendors, engineering, electrical work, road construction and maintenance, snow removal, beekeepers, sheep farmers



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QUESTIONS & DISCUSSION

Contact Information

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