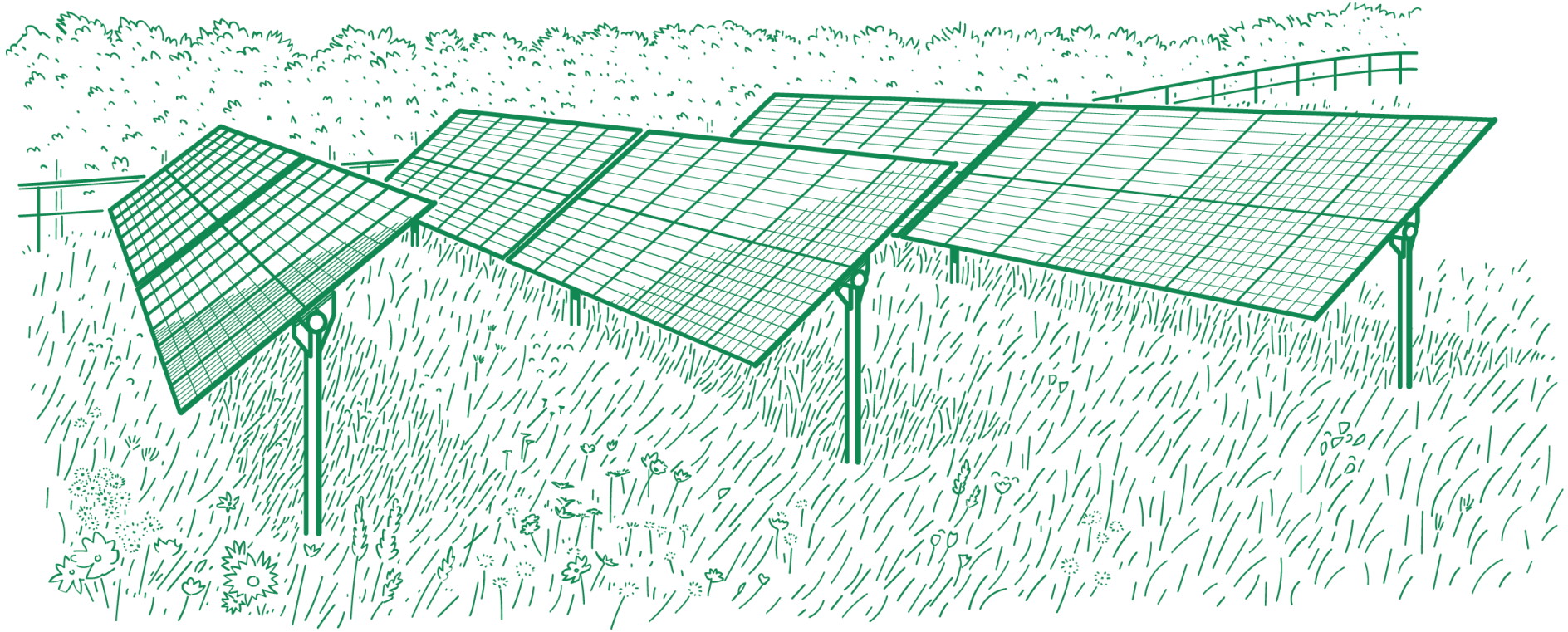
Saratoga Solar

Town Board Presentation

March 19th, 2025



Invenergy

World's Leading Privately Held Clean Energy Company

Wind
119 projects
19,548 megawatts

Solar
53 projects
7,119 megawatts

Storage
22 projects
2,917 megawatt hours
831 megawatts

Offshore Wind
2 projects
4,000+ megawatts in development

Transmission
4 projects
4,100+ miles of transmission & collection lines developed

Clean Hydrogen
1 pilot project in construction
40 metric tons will be produced annually

Clean Water
9 water treatment facilities used at our project sites
18 million gallons per day of raw water capacity

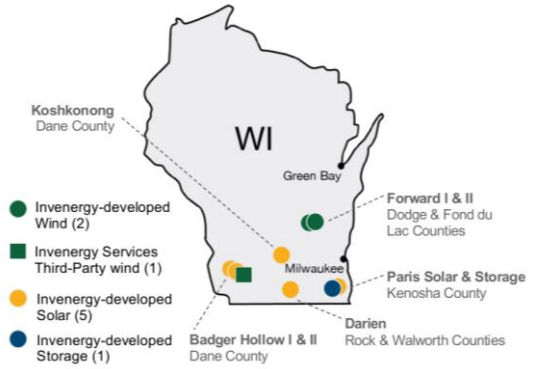
Natural Gas
13 projects
6,071 megawatts

Invenergy Services

We use our 20 years of operations and maintenance experience to help you make the most of your energy center. Whether it's day one or years later, we use our owner's mindset to manage our energy centers and on behalf of our customers.

Invenergy in Wisconsin

9 Projects | 1,360 MW



$5.9 million
invested annually in local taxes

$11.7 million
in annual land and lease payments

$3.2 million
paid in annual wages and benefits

2 wind projects
totaling 129 megawatts

5 solar projects
totaling 1050 megawatts

1 storage projects
totaling 185 megawatts

237,000 American homes
powered through electricity generated

1,000+ jobs
supported during construction

38 full-time
operations & maintenance employees

8 Wisconsin counties
including Dane, Dodge, Fond du Lac, Grant Iowa, Kenosha, Rock and Walworth Counties

Annual donations
to local education, emergency & veteran services, and environmental stewardship

Why Here?

Resource

Interconnection

Customer

ENERGY, NEWS, RENEWABLE ENERGY

Wisconsin utilities propose nearly $2B in renewable energy projects

We Energies, WPS and MGE propose 5 wind, solar and storage projects

BY DANIELLE KAEDING • OCTOBER 2, 2024 • UPDATED OCTOBER 2, 2024 at 7:19 AM

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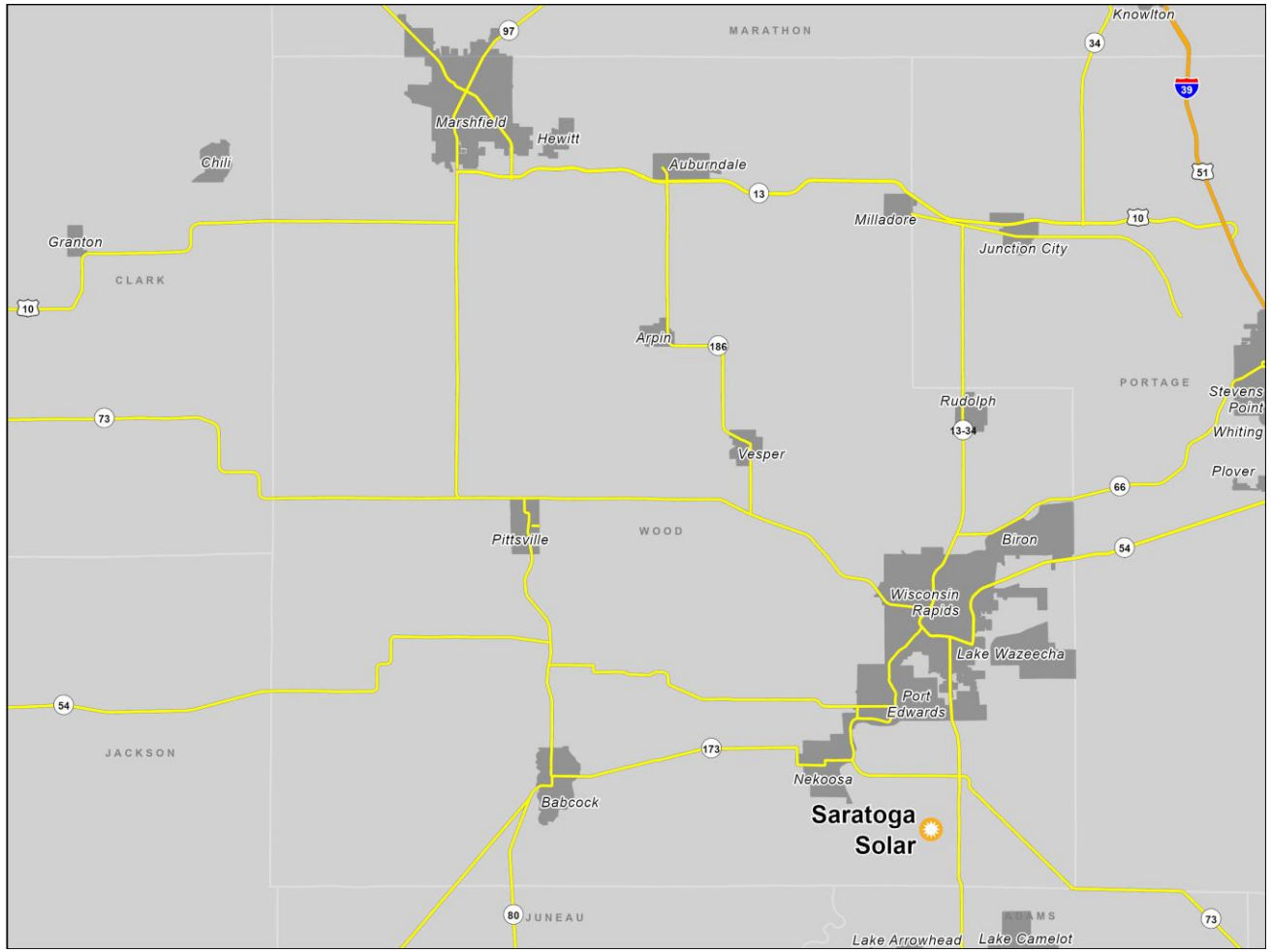
Project Background

- 150 MW, ~1,000 acres, 14 mi S Wisconsin Rapids
- CPCN issued May 11, 2022.
- Joint Development Agreements with Town and Wood County executed Nov 2023 and Jan 2024, respectively.
- Acquired by Invenergy Sept. 2024
- WEC filed for CA approval Sept. 2024
- Construction to start Nov 2025



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Community Benefits

150 megawatts solar

$750,000 annually via Wisconsin Utility Aid Program

- 43% to townships **$322,500 annually**
- 57% to county **$427,500 annually**

Enough electricity to power over **28,000** typical US homes

Over **400** jobs during peak construction.

$14.3M returned to the community in tax revenues over the life of the project

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Joint Development Agreements

- Snowmobile Route
- Highway Maintenance and Use Agreement
- Decomissioning Plan & Bond
- Buffer
- Visitor Area and Tours
- Construction Hours

TOWN OF SARATOGA WISCONSIN EST. 1857

Good Times Are Carved In Wood County WISCONSIN

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Vegetation Management

- Requires Veg Management Plan
- JDA with Town and County
- Low Growth seed mix for array
- Open areas outside the array but inside the fence line will use pollinator seed mix
- Noxious weeds to be managed via mowing and targeted applications of herbicide.
- No burning is allowed for cleared vegetation

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Project Components & Construction

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Bi-facial Solar Modules

- Composed of glass, aluminum, copper and other common materials.
- While there are different kinds of solar panels, the most common are made of silica – the second most abundant element on earth after oxygen. The faces of silica panels are similar in substance to standard household glass.
- Saratoga Solar will utilize panels that will pass the EPA's Toxicity Characteristic Leaching Procedure (TCLP) test and do not contain heavy metals.

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Single-Axis Tracking System

- Follows the sun throughout the day to harness energy at the optimal angle.
- The Project will likely utilize a ‘1 in portrait’ configuration.
- Total height of the panels and racking system will not exceed 11 feet at the most extreme tracking position.

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Inverters

- Approximate 40 for the project.
- Convert the electricity from DC to AC

Collection Substation

- Saratoga Solar will be constructing a new substation.
- Will step up the power to 138kV to be put on the grid at the Point of Interconnection.
- Point of Interconnection switchyard to be constructed adjacent to collection substation.

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Other Components

- **The Project will also include associated support facilities such as access roads, meteorological stations, buried electrical collection lines, operations and maintenance building and fencing.**
- **Above-ground transmission structures will be built to connect the point of interconnection switchyard to the Point of Interconnection, along the Pettenwell to Saratoga 138kV transmission line.**
- **Detailed engineering is underway.**

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Schedule

2020–2025	2025-2026	2026- 2028	May 2028
Development	**Tree clearing & pre-seeding**	**Construction**	**Operation**

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Construction Overview

- **The project will take approximately 30 months to construct, accounting for a winter shutdown.**
- **Construction phases:**
  - Tree clearing & de-stumping
  - Pre-seeding
  - Access road construction
  - Pile driving
  - Racking installation
  - Inverter Installation
  - Electrical installation
  - Project substation & ATC switchyard
  - Reseeding as needed
  - Road repair

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Questions?

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