Juneau Solar Park

Stephanie Buway | Director, Central Region Development
Gunnar Doyle | Project Manager
Julia McPherson | Community Relations Manager

edp Renewables

July 10, 2024

AGENDA

1. Event Logistics
2. Introductions
3. About EDP Renewables
4. Juneau Solar Park Project Update
5. Project FAQs

After the presentation, we will change to open house / science-fair format to read informational boards, ask questions, speak with EDPR staff.

Meet the Team

Stephanie Buway

Development Director, Central Region

Gunnar Doyle

Development Project Manager II

Julia McPherson

Community Relations Manager, North America

Gregory Zavoluk

Project Developer

Maricarmen Martinez Neumann

Project Developer

Cameron Solar Park | South Carolina

About EDP Renewables

edp Renewables

EDPR NA Footprint

20+ Years of experience

9,600+ Megawatts

24/7 Project Monitoring

PAID

$379 million+ to landowners

$500 million+ to local governments

CREATED

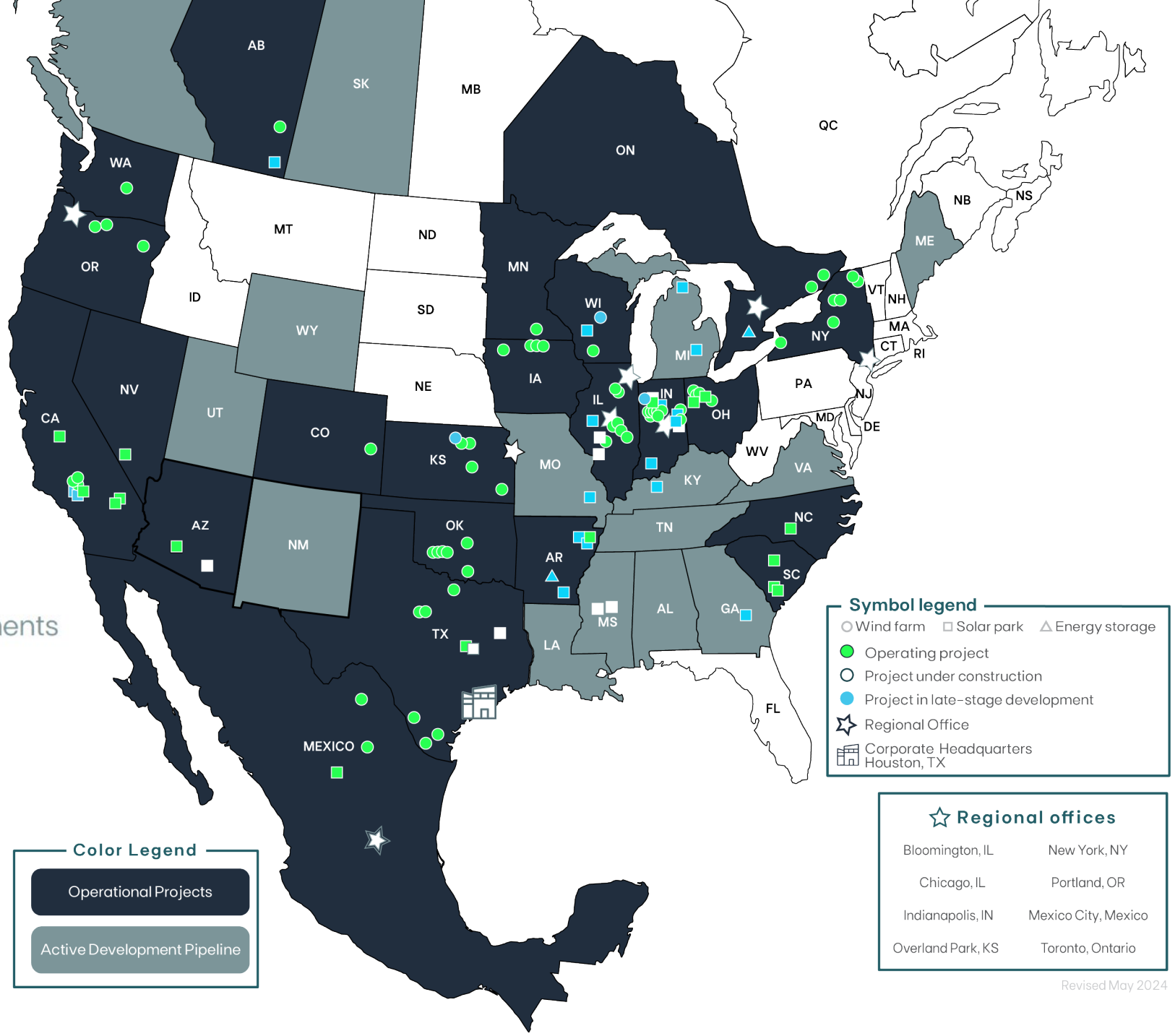
950+ permanent jobs

8,800+ construction jobs

GENERATED

the equivalent of

2.6 million+ homes' energy consumption



Revised May 2024

Riverstart Solar Park operations staff | Indiana

About EDP Renewables North America

EDP Renewables North America (EDPR NA) and its subsidiaries develop, construct, own, and operate wind farms and solar parks in North America.

- Ranked **fifth in the U.S. in installed renewable energy** capacity.
- **61 wind farms and 15 solar parks**, totaling more than 9,600 MW of operating renewable energy projects.
- EDPR NA projects' generation is equivalent to the average consumption of **2.6+ million U.S. homes.**
- Headquartered in **Houston, Texas**, with **eight regional offices** across North America.

EDPR in Wisconsin operating since 2017

98 MW of wind energy near Darlington, WI
enough to power about **36,000** Wisconsin homes

QUILT BLOCK WIND FARM®

We got to know some of the EDP Renewables employees so well, they were like family. If we had any questions, we had people we could call directly, and they would respond immediately."

– Clark Scott, Quilt Block landowner

Counties with Operational Projects

Counties with Projects Under Development

1. Quilt Block Wind Farm (98 MW)

$4.7 million+
PAID TO LANDOWNERS

$209.3 million+
SPENT WITHIN WISCONSIN

$598,000+
PAID TO LOCAL GOVERNMENTS

CAPITAL INVESTMENT
$166.6 million+

Project Update – Juneau Solar Park

edp Renewables

Juneau Solar Park

Towns of Lemonweir and Seven Mile Creek, ~2 miles southeast of Mauston

The project would have a capacity of 225 megawatts, equivalent to the needs of 60,000 WI homes

Provide home-grown domestic energy to Wisconsin's electricity grid

Project infrastructure will be sited in the most efficient and productive way on less than 3,800 acres

Expected to create several permanent jobs and hundreds of jobs during construction

Approximately 10 landowner families involved, who will receive substantial lease payments over the life of the project, helping to supplement income from farming

Juneau Solar would add **$31.5 million** to the local tax base over its life, including nearly **$1 million** in the first year alone.

	Year 1	Total (35 Years)
Utility Aid Fund	**$900,000**	**$31,500,000**

The Utility Aid Fund is unrestricted funding allocated by the state in this fashion to be used as they see fit:

Receiving Entity	Year 1	Total (35 years)
Juneau County	$600,000	$21,000,000
Town of Lemonweir	$276,000	$9,660,000
Town of Seven Mile Creek	$24,000	$840,000

Project Status

Juneau Solar Park is navigating the permitting and regulatory environment to bring the project into operation in 2027. Many project activities are on-going.

Current activities:

- Environmental surveys
- Preparation of state permit application
- Interconnection negotiations with the transmission owner
- Road study conducted in early July
- Updates provided at Lemonweir and Seven Mile Creek monthly meetings

Upcoming milestones

Q4 2024

Submit proposal for a Certificate of Public Convenience & Necessity To the WI Public Service Commission.

- Required for power generation facilities over 100 MW.
- Robust process with requirements for public meetings, notifications, and environmental reviews.
- Would likely mean a determination late in 2025.
- Continue working through other applicable county and local permits

Q4 2025

Anticipated CPCN approval

Finalize EPC Contractor

The EPC (Engineer, Procure, Construct) contractor is essentially a general contractor, and will be hiring additional subcontractors. EDPR's construction team works hand-in-hand with the EPC, and both companies will have staff on-site.

Q2 2026

Construction Kickoff Open House

Summer 2026

Begin construction, utilizing EPC contractor and local subcontractors

By end of 2027

Become commercially operational, powering Juneau County area electric grid with clean, reliable power.

Throughout the upcoming milestones, we will continue to be involved in community events, host educational opportunities, respond to inquiries, and contribute to local organizations as we prepare for being neighbors for 30+ years.

Juneau Solar Park

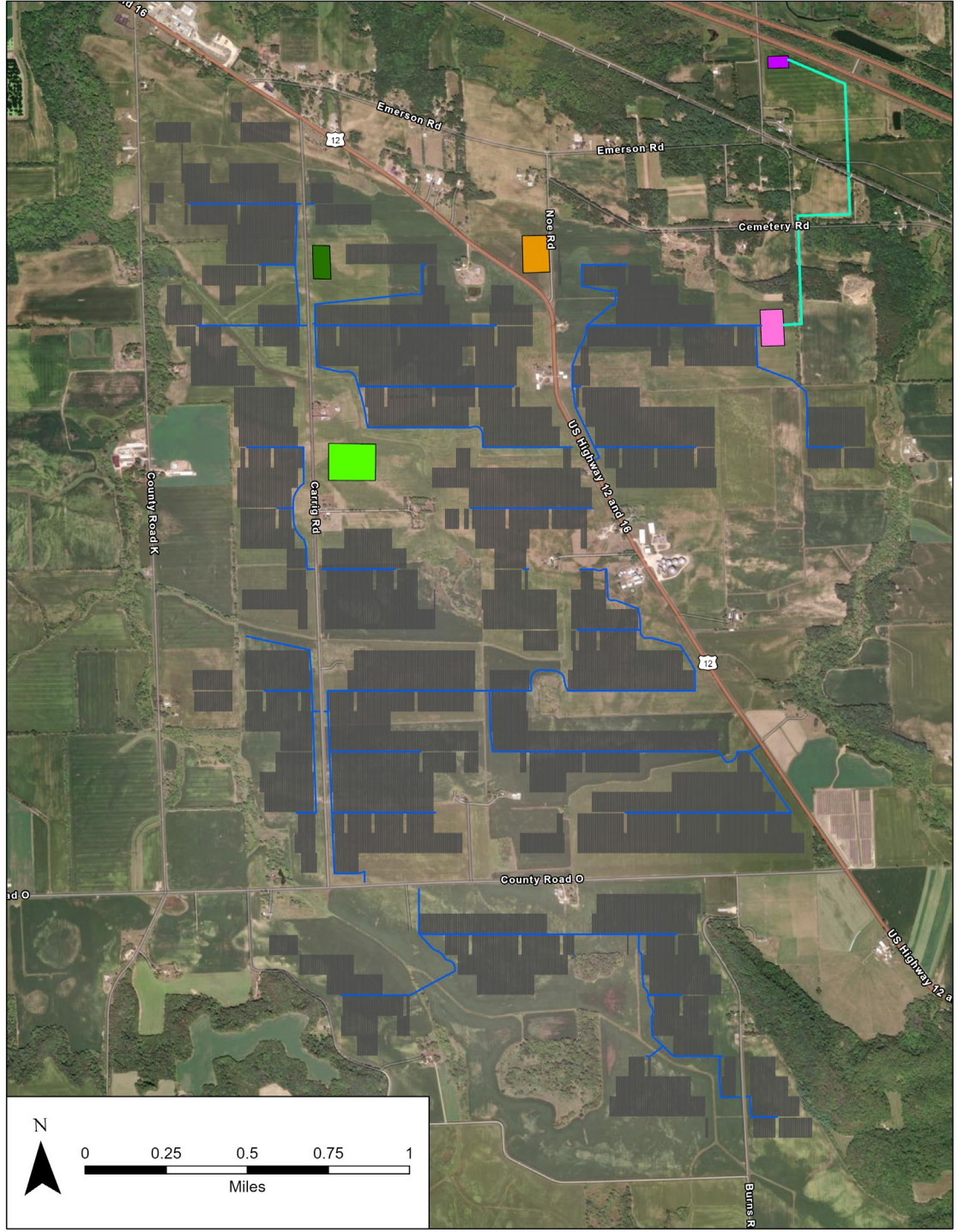
Preliminary Design*

07/10/2024

*Design is subject to final engineering

Legend

- Solar Modules
- Project Substation
- Interconnection Switchyard
- Operations and Maintenance Facility
- Primary Laydown Yard
- Alternate Laydown Yard
- Generation Link Line
- Access Roads



Juneau Solar Park
Preliminary Layout

Frequently Asked Questions

edp Renewables

FAQs: Project Planning

Why was this land chosen?

Access to transmission (MISO)

- To avoid needing additional transmission line infrastructure and to optimally get the power onto the grid, we begin working with landowners near the closest interconnection point to the project site.

Interested landowners

- We can't have a project without landowners who have chosen hosting the solar park is the best long-term choice for their property and family.

Adequate sunlight

- Not just the sunbelt anymore with modern panel technology

Why use ag land?

Relatively flat with minimal clearing requirements due to prior disturbance

- Keeps the impact on the environment and ecology lower.

Landowners choosing what to do with their own property, including diversify ag income

- Solar parks provide stable, reliable income that landowners can reinvest into their ag operation, expand their business, hedge against the ups and downs of the ag industry.

Keeps land in the family, able to be farmed after the project life

- Per our legally binding project leases, is required to return the land to its original use, including farming, grazing, or wildlife habitat. Giving the land a break for a generation allows nutrients to replenish, boosting soil quality and increasing local biodiversity

FAQs: Project Planning

Where will the panels come from?

We have not finalized a panel supplier for Juneau yet, but EDPR will NOT utilize panels made in China.

- EDPR NA is actively working towards a procurement strategy to source panels produced or assembled in the United States.
- New federal incentives are boosting domestic manufacturing of solar panels and bringing new facilities to the U.S.

How far away will the panels be from roadways and houses?

In compliance with local regulations, they will be:

- Local roads: at least 83 feet from centerline
- State or federal highways: at least 140 feet from centerline
- Residential structures: at least 400 feet
    - Double the 200-foot distance typical for solar projects

FAQs: Panel Technology

What are panels made of? Can toxins leach out?

- By weight, the panels are **80% glass and aluminum.** The remainder is **regular household technology materials** like copper, and semiconductor materials like silicon, which is the second most common element on earth.
- **Panels do not contain any liquids**, so there is nothing to leak out even when cracked.
- **Designed to crack like a windshield** or a phone screen, keeping internal components inside.
- We procure panels that pass Toxic Characteristic Leaching Procedure (TCLP) reports.
  - Takes a solar panel, grinds it up, and exposes it to extreme elements, comparable to those experienced in a landfill over a long period of time.
  - The materials and their surroundings are then tested to ensure the area is free from harmful toxins from the former panel.

FAQs: Safety

What happens to the panels in severe weather?

- **Panels are designed to withstand harsh conditions and safely operate in all regions of the U.S., including upper Midwest.**
- **Panels can pivot into stow positions** for extreme weather, such as high winds.
- For hail**, they are designed to resist 11 impacts of 2.2-inch hailstones** on a single without breaking – that's a lot of really big hail.
- We successfully operate projects across NA – Indiana, Ohio, South Carolina, desert southwest that have seen tornadoes, hail, high winds, snow, high temperatures without serious damage.
- **Like any built structure, sometimes damage occurs, which is why we have a dedicated, local Operations & Maintenance team.**

How will the project collaborate with emergency services?

- We have a **dedicated Health & Safety Dept. that works with local first responders to establish and update an Emergency Response Plan** during the project's development.
- We facilitate **written and on-site training and drills** for every project.
- **Training is repeated every 6 months during construction, and every year during operations** to ensure teams are up-to-date with the most effective protocols and procedures.

FAQs: Local Impacts

What impacts will the solar park have on property values?

- **Research from multiple academic institutions and project-specific assessments have shown little to no negative property value impacts from projects like Juneau Solar Park.**
- Some studies have shown a slight decrease in value for homes closest to a solar park in suburban areas only. **In rural communities, the same studies showed there was no impact on property values.** Yet other studies have found that solar panels can have a **neutral or even a positive impact on home values.**
- Criteria that typically correlate with decreases in property value are increased noise, odor, and traffic—none of which result from having a solar park as a neighbor.
- **What helps improve property values – such as quality roads, schools, and local services – are strengthened by the project's $31.5 million going into the tax base** for Juneau County, Lemonweir, and Seven Mile Creek.

Questions?

Gunnar Doyle

Development Project Manager II

gunnar.doyle@edp.com

(713) 823-0971

Gregory Zavoluk

Project Developer – Central Region

gregory.zavoluk@edp.com

(713) 208-0588

www.juneausolarpark.com
www.edprnorthamerica.com