



Welcome to the Elk Creek Solar Project Open House.

Elk Creek Solar is a solar energy project proposed in the Town of Spring Brook, and our team is excited to answer your questions as we advance this Project.

Please sign in at the registration table to receive future project updates

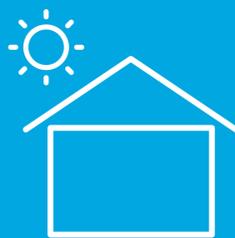


ELK CREEK SOLAR

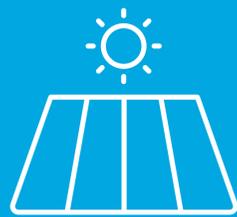
PROJECT OVERVIEW



300 megawatt (MW AC) solar array with a Battery Energy Storage System (BESS).



Expected to generate enough electricity to power up to 60,000 Wisconsin homes annually.



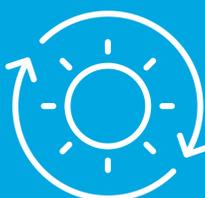
Proposed within 2,500 acres of privately-owned land, with an estimated Project area less than 2,000 acres once operational.



Dunn County, Wisconsin - Town of Spring Brook.



Estimated to be a total Project investment of over \$292 million, with more than \$40 million in revenue that will be reinvested into the state and the local communities through revenue-sharing agreements.



35+ year operational life with decommissioning and site restoration plans in place.



TIMELINE

**CONDUCT SITE DUE DILIGENCE
AND FEASIBILITY STUDIES:**

COMPLETE

**APPLY FOR PUBLIC SERVICE COMMISSION
OF WISCONSIN (PSCW) CERTIFICATE
OF PUBLIC CONVENIENCE AND NECESSITY
(CPCN):**

COMPLETED OCTOBER 17, 2022

**ANTICIPATED PSCW RULING
ON CPCN APPLICATION:**

Q4 2023

**PENDING APPROVALS -
BEGIN CONSTRUCTION:**

Q4 2024

**PENDING APPROVALS -
SITE OPERATIONAL:**

Q4 2025



KEY ENGINEERING AND ENVIRONMENTAL STUDIES

- **Wetland and Waterway Delineations:** Identifies the location and extent of wetlands and waterways within the Project area.
 - Section 8 and Appendix I of Public Service Commission of Wisconsin (PSCW) Certificate of Public Convenience and Necessity (CPCN) application.
- **Threatened and Endangered Species Studies:** Evaluates the potential effects of Project on federal or state listed threatened or endangered species.
 - Elk Creek Solar consulted with the Wisconsin Department of Natural Resources (WDNR) to ensure minimal impact to local species.
 - Section 5.8 and Appendix L of CPCN application.
- **Glare Hazard Analysis:** Assesses potential impact from reflected light at different times of year using Project-specific details including panel height, orientation, and angle.
 - Section 5.20 and Appendix N of CPCN application.
- **Cultural, Archaeological and Historical Resource Survey:** Reviews catalogued archaeological sites and historic structures in and near the Project area.
 - Section 5.14 and Appendix N of CPCN application.
- **Noise Study:** Analyses pre-construction ambient sound to estimate ambient sound levels post-construction.
 - Elk Creek Solar consulted with the PSCW to conduct noise studies at different points within the proposed layout to ensure the impact of noise to surrounding neighbors would be minimized.
 - Section 5.19 and Appendix P of CPCN application.
- **Road Conditions Survey:** Reviews local road conditions to ensure that Project construction has no detrimental impact on local roadways.
 - Consultation with Town and County staff was completed.
 - Section's 3.3 and 6.2 and Appendix S of CPCN application.
- **EMF Profile Study:** Ensures that the Project's estimated electric and magnetic field forces are consistent with industry norms.
 - Section 5.18 and Appendix O of CPCN application.
- **Geotechnical Study:** Evaluates subsurface conditions relevant to Project construction.
 - Section 5.1 and Appendix H of CPCN application.
- **Decommissioning Plan and Security:** Outlines Elk Creek Solar's plan and commitment for decommissioning/deconstructing/restoration at the end of the Project's useful life.
 - Section 1.6 and Appendix T of CPCN application.
- **Economic Impact Analysis:** Evaluates the direct and indirect economic benefit of the Project for the local community.
 - Section 6.2 and Appendix X of CPCN application.

PERMITS AND OTHER IMPORTANT DOCUMENTS

- **Certificate of Public Convenience and Necessity (CPCN)** - A project with a capacity of 100 megawatts (MW) or more must apply for and receive a CPCN from the Public Service Commission of Wisconsin (PSCW). On October 17th, 2022, Elk Creek Solar submitted its CPCN application with the PSCW. All filings are listed in the Project's assigned docket within the PSCW records. You can follow the Project's docket by going to the "ERF Upload" link at the PSCW website: 9819-CE-100.
- **Environmental Assessment** - The PSCW and the Wisconsin Department of Natural Resources will prepare an Environmental Assessment (EA) of the Project to evaluate the Project's impact on a variety of important environmental issues. Members of the public may comment on the draft EA.
- **Joint Development Agreement** - Elk Creek Solar will work with the Town of Spring Brook and Dunn County government to collaborate on a Joint Development Agreement (JDA). A JDA is a binding agreement between a project and municipalities and counties that outlines obligations and commitments by each party. Typical elements of a JDA include pre-construction meetings, a commitment to get certain local construction permits, and a process for reviewing and resolving community complaints. A JDA is not a requirement of the State of Wisconsin permitting process and participating in a JDA is optional for the local government.



ELK CREEK SOLAR

LAND USE

- Solar farms help farmers and landowners diversify their income by providing a reliable, long-term revenue stream unaffected by adverse weather patterns or volatility in crop pricing.
- Responsible solar development provides benefits to both agriculture and ecosystems by improving soil health, decreasing flooding potential, nurturing native species, and supporting pollinators.
- It is important to recognize the rights of property owners in their choice to lease or sell their land.

Will the Project affect the agricultural economy?

Although participating farmers will be removing land from row crop agricultural use so it may be used for the Project, they are receiving additional income from the new land use type. It is common for participating landowners to participate with a portion of their total land and continue farming other non-participating acres of land.

What will the Project plant underneath the solar panels?

Elk Creek Solar will be utilizing a vegetative management plan that incorporates pollinator-friendly habitats and deep-rooted vegetative ground cover throughout the Project footprint. The additional pollinator-friendly habitat has the potential to increase the yields and quality of surrounding pollinator-impacted foliage and crops, which will benefit the local farmers.

The Project will make a significant financial investment in the seed purchased for ground cover, as well as the components necessary for planned small animal and bird habitats within the array.

How will topsoil be impacted?

In most Project areas, when construction commences there will be some light grading necessary. When design and construction crews deem it necessary to remove a layer of topsoil they will, whenever feasible, retain it and replace it.

For further information on solar and agricultural land use, please visit:

<https://www.renewwisconsin.org/solar-and-agricultural-land-use/>





ELK CREEK SOLAR

WILDLIFE & POLLINATOR HABITAT

Project environmental experts have assessed the Project footprint by conducting site-specific studies to understand and mitigate potential impacts on wildlife. The Project will comply with state and federal regulations associated with wildlife including requirements of the United States Fish and Wildlife Service and the Wisconsin Department of Natural Resources (WDNR).

Elk Creek Solar will utilize wildlife friendly fencing, which will allow small local wildlife to pass through, such as rabbits and other small mammals as well as turtles and other small reptiles. Larger animals, such as deer, will be able to traverse through and around the total Project area.

Creating wildlife enhancements and planting pollinator-friendly landscapes can supplement and improve existing vegetation within the Project site. These proven techniques increase wildlife and plant species, resulting in an increase of biodiversity within the Project site and beyond.

Pollinator friendly plants and ground cover seed

Plants

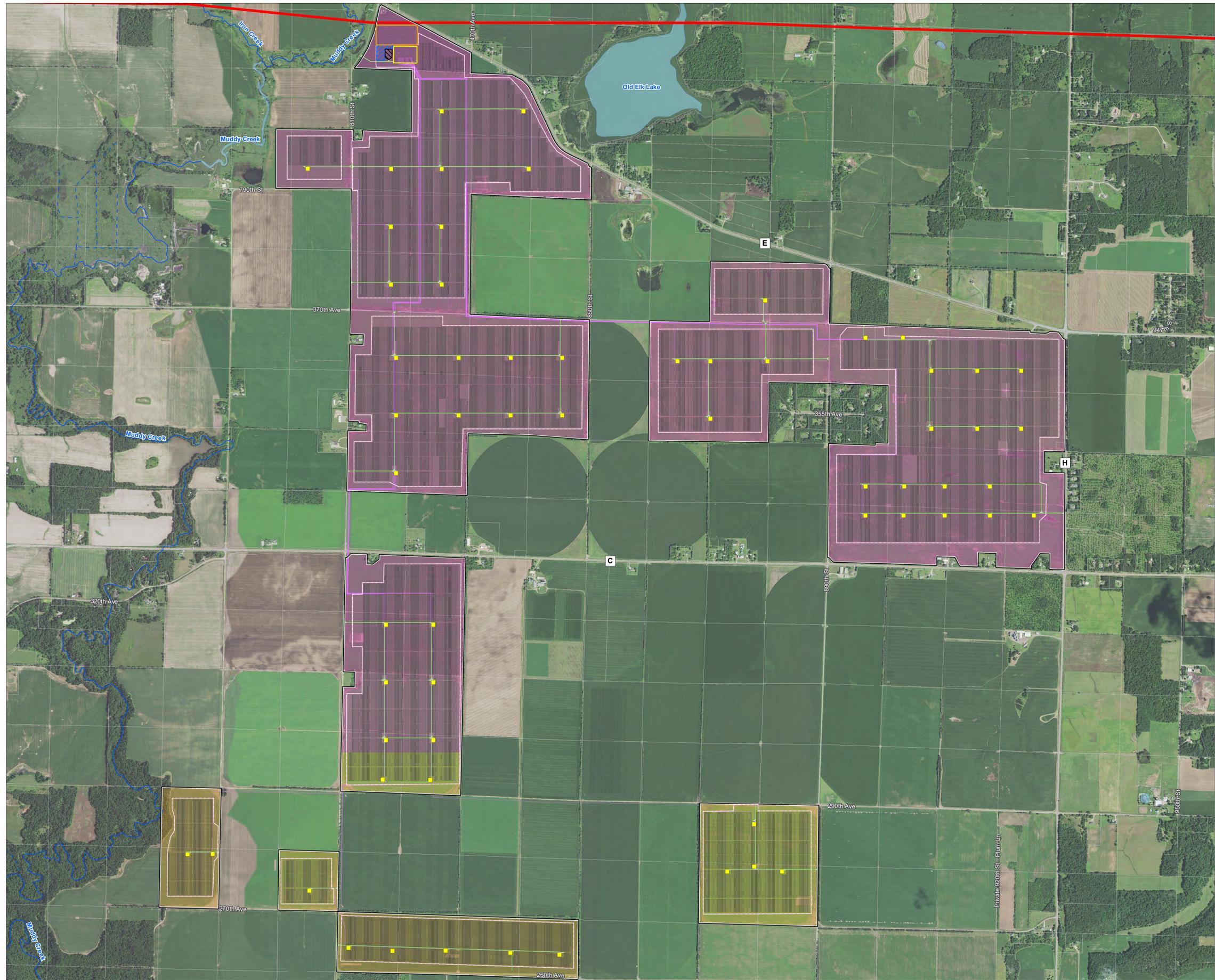
A planting scheme throughout the Project site will use a mixture of native and pollinator friendly plant species.

Seeds

Solar farm seed mixes are comprised of grasses and flowering plants that contain some plant species native to the area and are favorable for wildlife habitat and sustainable growth.

In addition, the Project will plant deep-rooted vegetation beneath the solar panels and throughout the Project footprint. Establishing vegetation throughout the array will allow the ground to rest and build nutrient-rich soil. The well-rested, nutrient-filled soil will also help with erosion control and water runoff impacts in, near, and around the solar site.





Title
Elk Creek Solar Project: Conceptual Plan

Client/Project
 Elk Creek PV I, LLC
 Elk Creek Solar Project

Project Location
 T. of Spring Brook,
 Dunn County, WI



0 1,000 2,000 Feet
 (At original document size of 24x36)
 1:12,000

Legend

- Primary Project Area
- Alternate Project Area
- Inverter and Battery Station
- Collection System
- Access Road
- Boundary Fence
- Solar Tracker
- Substation
- Switchyard
- O&M Area
- Stormwater Basin
- Electric Transmission Line
- Parcel Boundary
- DNR 24k Hydrography
- Perennial Stream
- Intermittent Stream
- Waterbody



This plan is based on the Certificate of Authority application submitted to the Public Service Commission of Wisconsin. Changes to the plan may be made throughout the design process.

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



ELK CREEK SOLAR

VISUAL SIMULATIONS



KOPO1



KOPO2



KOPO3



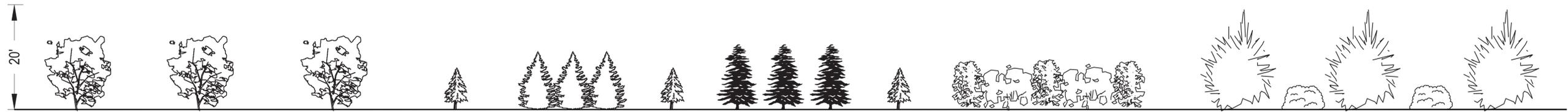
KOPO4



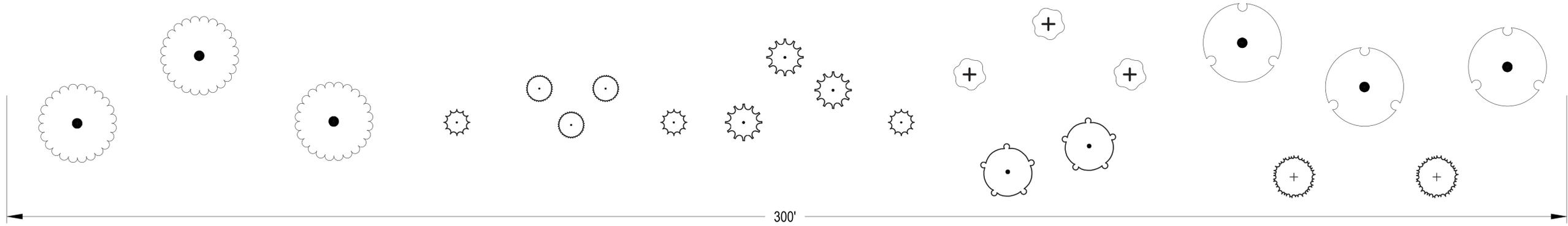
KOPO5



Elevation View



Plan View



Plant Palette

Evergreen Shrubs



HOOKS JUNIPER



CANADA YEW



TANNENBAUM MUGO PINE



SESTER DWARF BLUE SPRUCE

Deciduous Shrubs



CHOKEBERRY



GRAY DOGWOOD



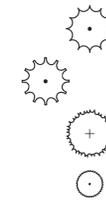
NANNYBERRY VIBURNUM



SHADBLOW SERVICEBERRY

Plant Schedule

EVERGREEN SHRUBS



BOTANICAL NAME

PICEA PUNGENS 'SESTER DWARF'
 PINUS MUGO 'TANNENBAUM'
 TAXUS CANADENSIS
 JUNIPERUS CHINENSIS 'HOOKS'

COMMON NAME

SESTER DWARF BLUE SPRUCE
 TANNENBAUM MUGO PINE
 CANADA YEW
 HOOKS JUNIPER

DECIDUOUS SHRUBS



BOTANICAL NAME

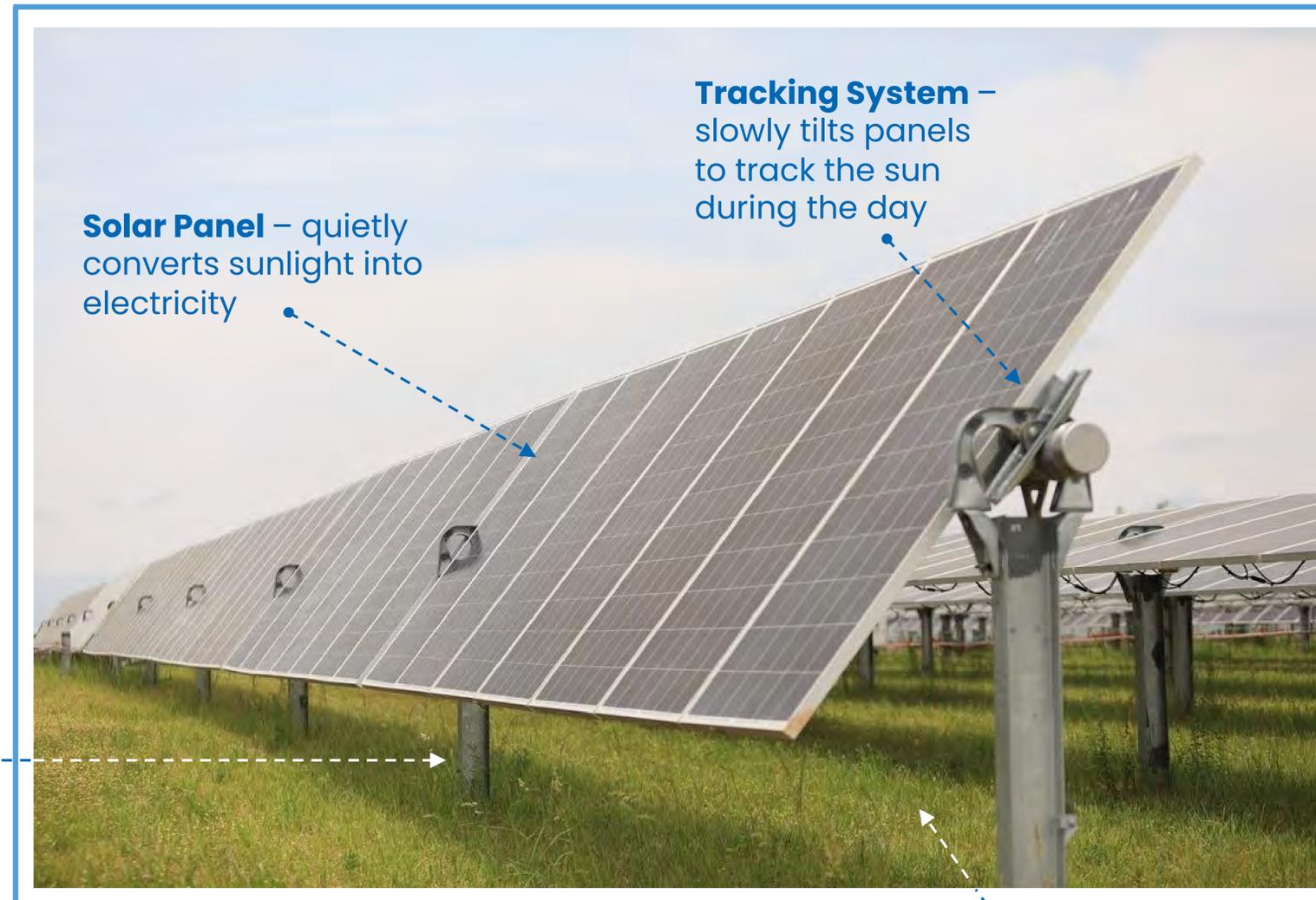
AMELANCHIER CANADENSIS
 ARONIA MELANOCARPA
 CORNUS RACEMOSA
 VIBURNUM LENTAGO

COMMON NAME

SHADLOW SERVICEBERRY
 CHOKEBERRY
 GRAY DOGWOOD
 NANNYBERRY VIBURNUM

Example Landscaping Vegetation

What does a solar project look like?



Solar Panel – quietly converts sunlight into electricity

Tracking System – slowly tilts panels to track the sun during the day

Posts – The steel posts are driven directly into the soil 6-10 ft with no use of concrete.

Height – Solar arrays typically stand less than 14-feet high, and the site is enclosed with an 8-foot-tall safety fence

Natural vegetation – soil around the arrays are planted with native species supporting a healthy ecosystem

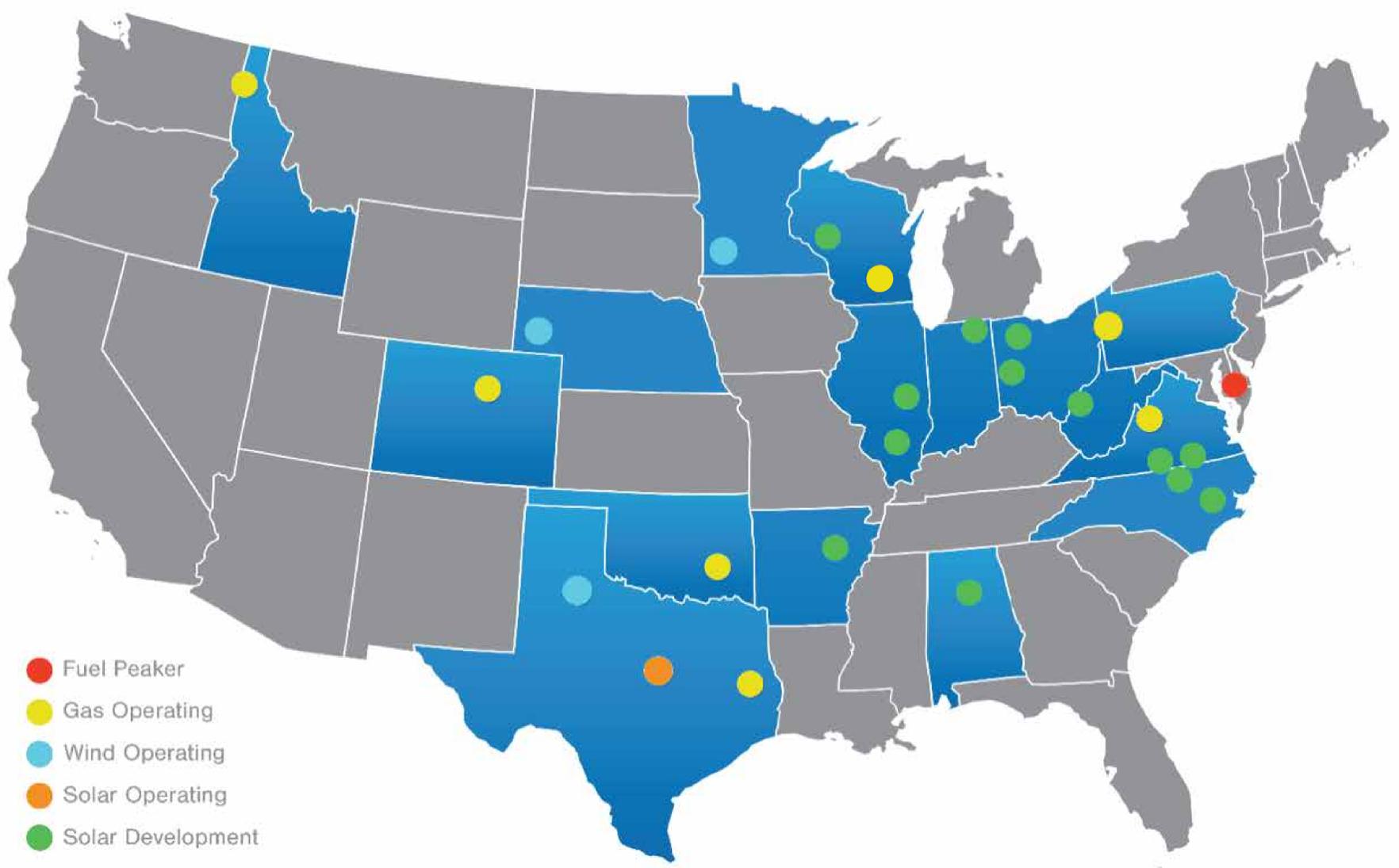


TED Renewables

Tyr Energy Development Renewables, LLC (TED Renewables) is a US-based company focused on renewable and clean power development across the country. The TED Renewables team is committed to clean, low carbon power generation projects. We are recognized and respected for the creativity and integrity of our staff, the success of our business, and the quality of our projects. TED's parent company, Tyr Energy Inc., has been actively involved in development, acquisition, and financing of electric power assets in North America for more than twenty-five years, with ownership in more than 7,000 megawatts of generation capacity across the United States.

TED Renewables brings value through a creditworthy, committed parent and investment partners, coupled with experienced and disciplined focus on target markets, customers and assets consistent with our growth strategy.

Project Portfolio



tedrenewables.com

elkcreeksolarproject.com