



Local Investment. Jobs. Clean Energy.

Roundhouse Wind Energy Project: **Laramie County Wind Energy Site Plan** **Application**

Ryan Fitzpatrick
Project Director
Roundhouse Renewable Energy, LLC

Hearing before the Laramie County Board of County Commissioners: February 19, 2019

Presentation Overview

- ▶ Project Team
- ▶ NextEra Energy Values
- ▶ Project Description, Location and Site Plan
- ▶ Assessment of Resources and Potential Impacts
- ▶ Other Anticipated Permits
- ▶ Project Schedule
- ▶ Community and Landowner Benefits
- ▶ Compliance with Laramie County Land Use Regulations
- ▶ Questions

Project Team

- ▶ **Ryan Fitzpatrick – Project Director/Roundhouse Renewable Energy, LLC**
- ▶ **Mike Pappalardo – Environmental Manager, NextEra Energy Resources**
- ▶ **Marianne K. Shanor – Project Attorney/Hathaway & Kunz**
- ▶ **Joe Hammond – Senior Technical Consultant/Jacobs Engineering Group, LLC (Jacobs)**
- ▶ **Mark Bastasch, INCE – Acoustical Engineer/Jacobs**
- ▶ **Chris Powers – Project Manager/Jacobs**
- ▶ **Kenton Taylor – Wildlife Biologist/Western EcoSystems Technology, Inc.**

NextEra Energy Values

We are Committed
to Excellence



We Do the
Right Thing



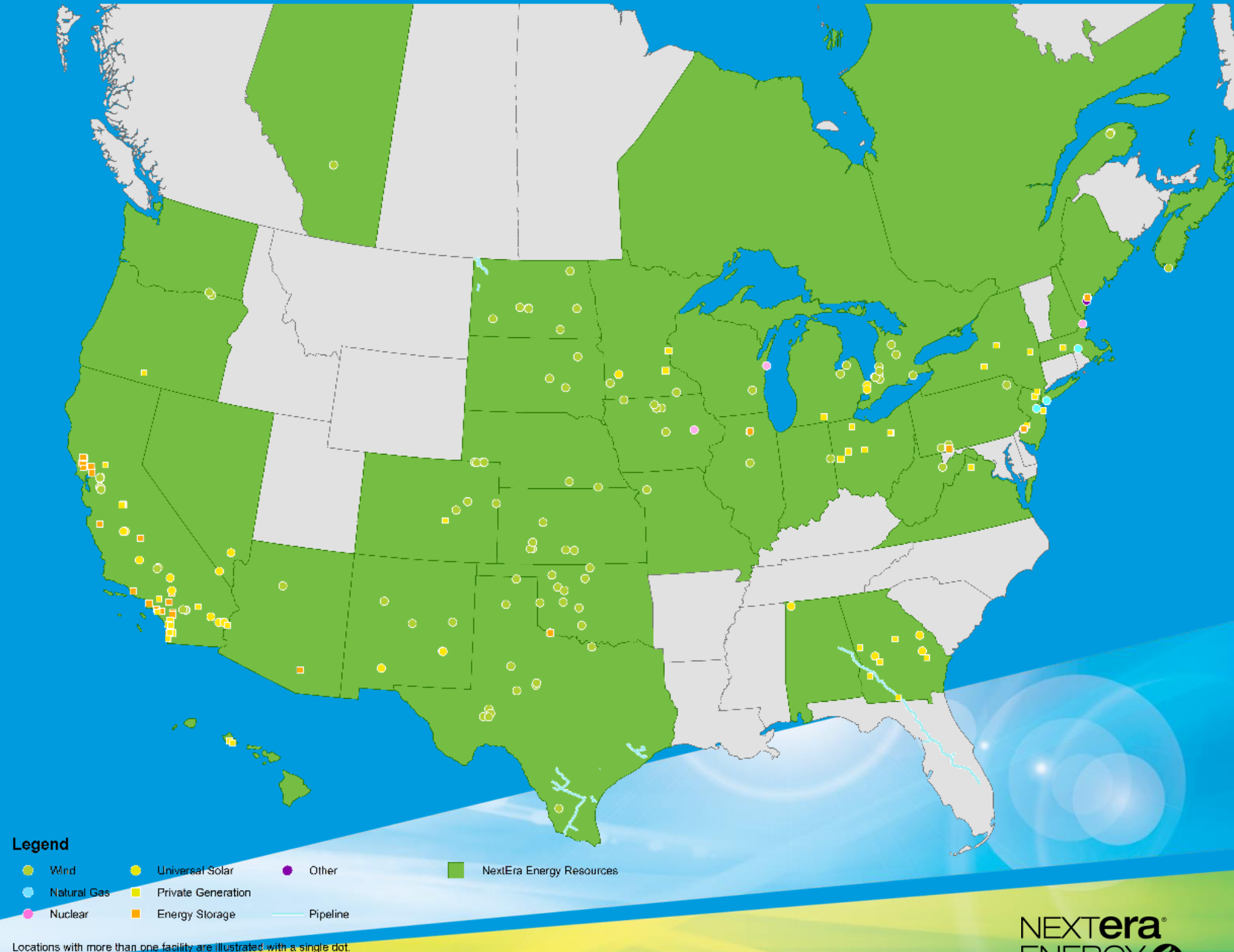
We Treat People
with Respect



Our Company

- ▶ American owned and operated
- ▶ Investments in 33 states and Canada
- ▶ Renewable energy leader

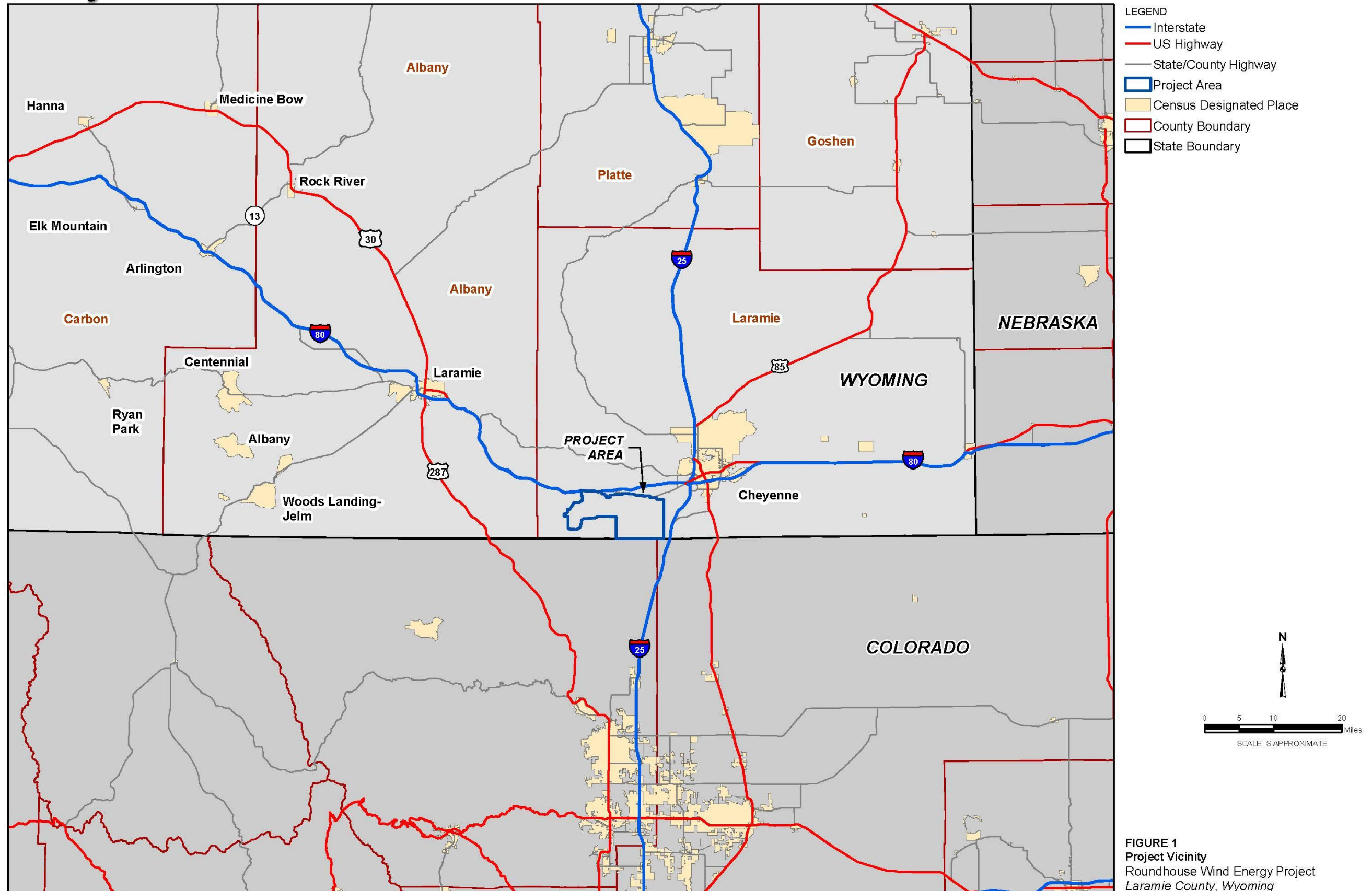
wind, solar,
natural gas,
oil, and
nuclear energy

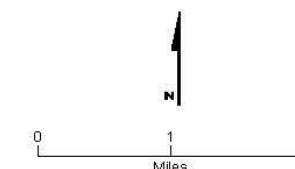


Project Description, Location and Site Plan

- ▶ **The Project is 300 megawatts (MW), consisting of 120 GE wind turbines.**
- ▶ **Project facilities and related infrastructure include:**
 - ▶ Wind turbine generators mounted on tubular towers with transformers.
 - ▶ Underground collection and electric and fiber optic communications cable.
 - ▶ Meteorological towers, a supervisory control and data acquisition (SCADA) system.
 - ▶ Access roads, up to two substations, and an operations and maintenance (O&M) building.
- ▶ **230-kV generation-tie transmission line.**
 - ▶ Permitted separately with a Board Approval application for a High-Power Transmission Line.

Project Area



[illegible]

JACOBS

Assessment of Resources and Potential Impacts

► Traffic Analysis

- Laramie County Engineer concurs with findings in the Project's Traffic Analysis that conclude the Project will have a minimal impact on operations of the roadway network near the Project site.

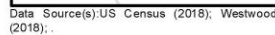
► Natural and Cultural Resources

- Studies conducted in consultation with Wyoming Game and Fish and State Historic Preservation Office.

► Recreation

- Project is consistent with the Laramie County Comprehensive Plan land use designations for the Recreation Hub area.

© 2018 Westwood Professional Services, Inc



Delivery Route



Toll Free (888) 937-5150 westwoodps.com
Westwood Professional Services, Inc.

JACOBS®

Other Anticipated Permits

Roundhouse will construct and operate the Project in compliance with applicable local, state, and federal codes, laws, orders, and regulations.

- ▶ **Federal**

- ▶ Compliance with Section 404 of the Clean Water Act

- ▶ **State**

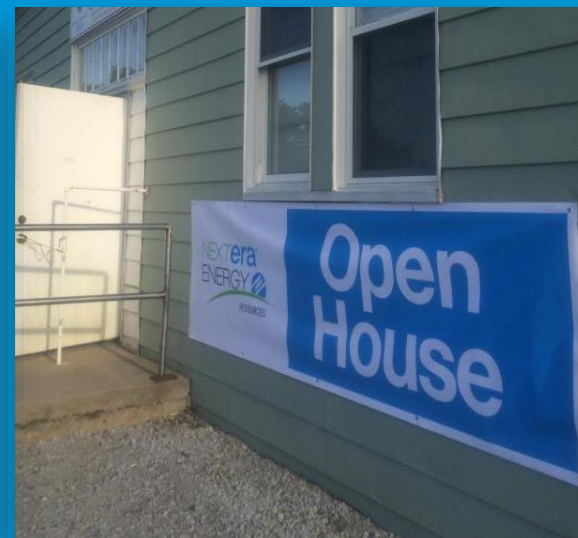
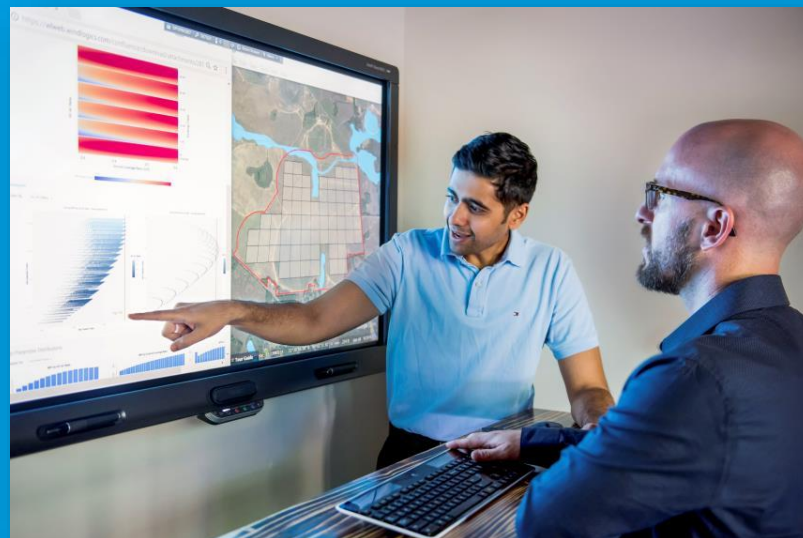
- ▶ Wyoming Industrial Siting Permit in accordance with Wyoming Industrial Development Information and Siting Act (W.S. §§ 35-12-101 et seq.)

- ▶ **County**

- ▶ Building Permits
 - ▶ Standard Grading Erosion and Sediment Control (GESCC) Permits
 - ▶ Floodplain Development Permit

Project Schedule

Activity	Timeline
Complete Permitting	June 2019
Start of Project Construction	August 2019
Facility Construction	August 2019 – October 2020
Turbine Commissioning	October 2020
Project Commercial Operations	December 2020



Community benefits

- ▶ Over \$300 million in capital costs including regional goods and services
- ▶ Nearly \$40 million property taxes
- ▶ Approximately \$30 million in generation taxes
- ▶ Approximately \$17 million in sales tax
- ▶ Up to 240 construction jobs
 - ▶ Approximately 30% local
- ▶ Approximately 11 full-time, quality, high-paying jobs
- ▶ Increased local business
- ▶ Efficient, reliable and safe



Landowner benefits

- ▶ **\$60 million in landowner payments**
 - ▶ City of Cheyenne
 - ▶ State of Wyoming
 - ▶ Local Landowners
- ▶ **Compatible with agricultural, recreation, and other existing uses**
- ▶ **Road improvements**



Compliance with Laramie County Land Use Regulations

- ▶ **The Project is consistent with the purpose of LUR 2-2-125(a) for development of Large Wind Energy Systems.**
 - ▶ Project preserves and protects public health and safety, reasonably preserves and protects natural and cultural resources, protects the quality of life for nearby property owners, facilitates economic opportunities for both County and local residents, and allows for orderly development of land.
- ▶ **The Project is consistent with land use designations in the Laramie County Comprehensive Plan.**

Compliance with Laramie County Land Use Regulations

- ▶ The Project complies with the development standards under LUR 2-2-125(c) for development of Large Wind Energy Systems.
- ▶ For example:
 - ▶ Project components and the Project site boundary are entirely within an unzoned area of unincorporated Laramie County.
 - ▶ Project meets applicable height, clearance, access, and setback standards.
 - ▶ Project complies with the 50 decibel property line sound limits.

Compliance with Laramie County Land Use Regulations

- ▶ The Project complies with the site plan requirements under LUR 2-2-125(e) for development of Large Wind Energy Systems.
- ▶ For example:
 - ▶ Project complies with notification requirements to landowners, local agencies, and owners and claimants of mineral rights.
 - ▶ Roundhouse provided a complete Decommissioning and Reclamation Plan, in accordance with LUR 2-2-125(c)(xiv).
 - ▶ Requirement to post decommissioning bond with Industrial Siting Division
 - ▶ Provided an Emergency Management Plan and Waste Management Plan.

Compliance with Laramie County Land Use Regulations

- ▶ In summary, Roundhouse concurs with the Staff Report finding to recommend approval of the Project's Wind Energy Site Plan Application to the Laramie County Board of Commissioners with no conditions.
- ▶ The Project was designed to comply with Laramie County requirements.
- ▶ The Project provides substantial benefits to Laramie County.
- ▶ The Project complies with pertinent regulations under LUR 2-2-125 governing the development of Large Wind Energy Systems.
- ▶ The Project is consistent with the Laramie County Comprehensive Plan land use designations.

Questions?

- For questions please contact:
Ryan Fitzpatrick
Mobile: (307) 399-1393
ryan.fitzpatrick@nee.com



