

Laramie Range Wind Project Site Plan Application and High-Power Transmission Line Public Hearing

Before the Laramie County Wyoming Board of
County Commissioners

September 16, 2025



Meet the Laramie Range Wind Team



Charlie Banke

Manager, Development; Laramie Range Wind Project Lead



Henry Woltag

Senior Director, Development



Derek Rieman

Chief Development Officer



Allison Poe

Director, Permitting and Environmental Affairs



Moustafa Abdou

Senior Project Manager, Engineering and Construction



Kelley Pearson

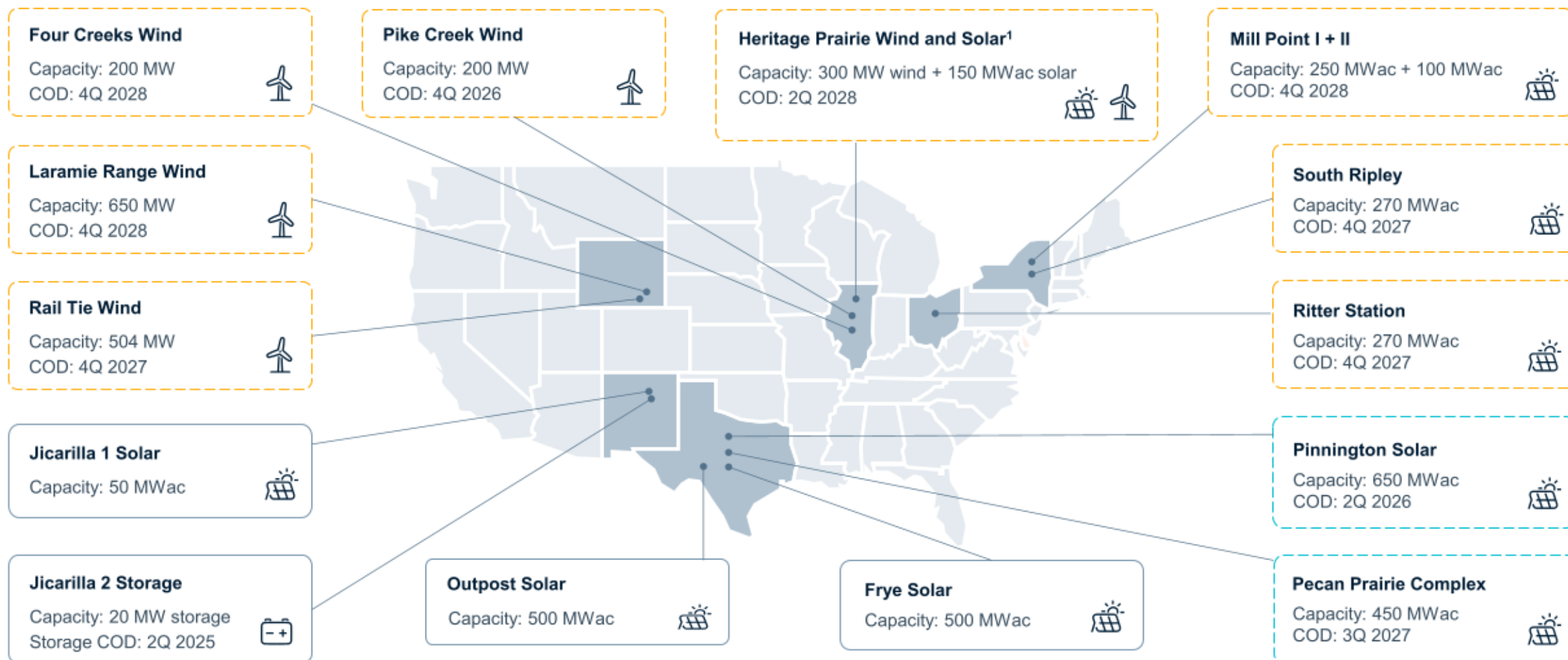
Wyoming Project Attorney



Amy Sherman

Project Manager (Tetra Tech)

About Repsol Renewables North America



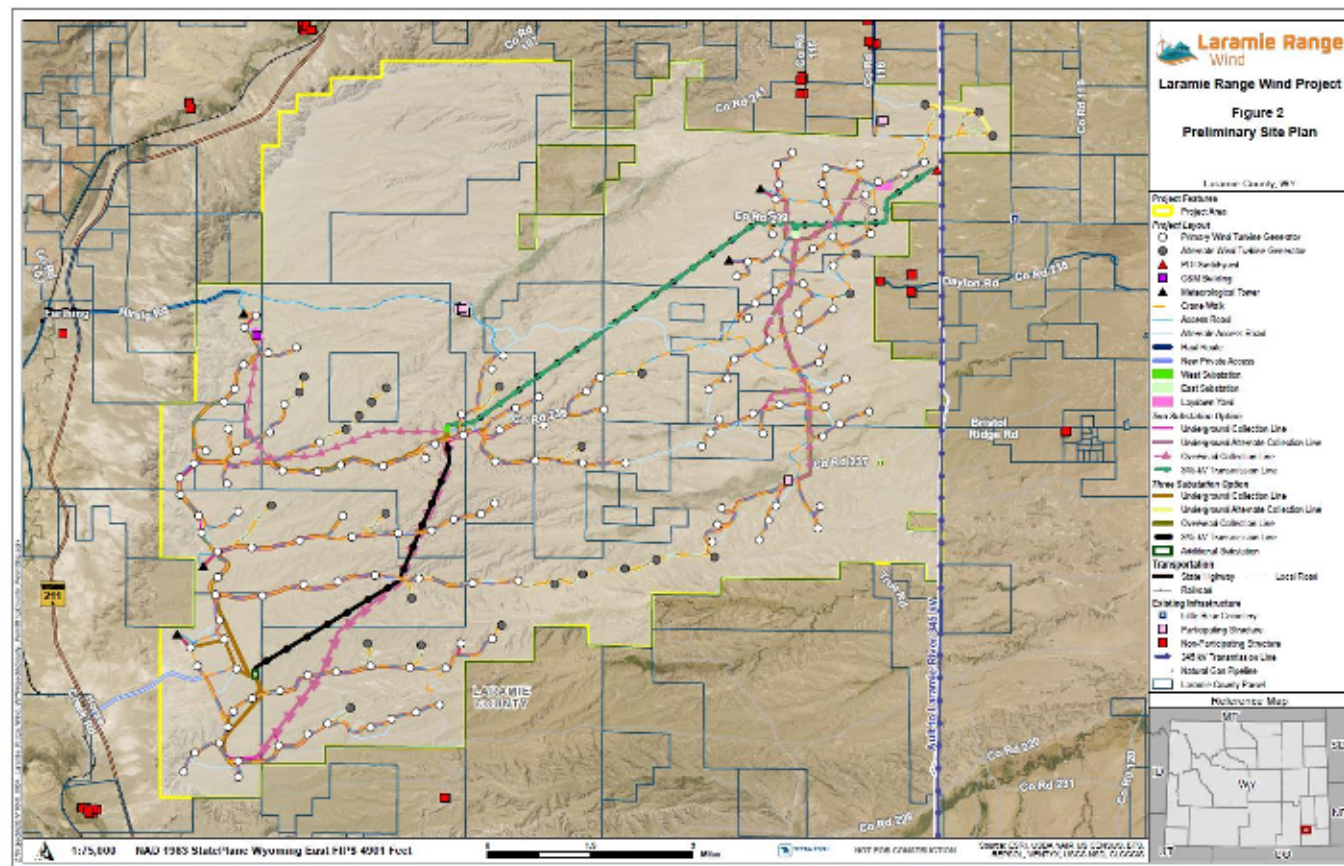
- Operating
- - - Under Development
- - - Under Construction

1. Project is being developed in a 50/50 joint venture; Figure refers to RRNA's 50% stake in the project
2. Selected sample of projects within the Repsol development pipeline
3. COD dates are based on currently-known project schedules

Project Overview



- **Location:** Northwest Laramie County, WY
 - Approximately 20 miles northwest of Cheyenne
- **Point of Interconnection:** Tri-State 345-kV Ault to Laramie River transmission line
- **Capacity:** 650 MW
 - Up to 170 turbines
 - 2 to 3 substations
 - O&M Building
 - Permanent Met Towers
 - Access roads
 - Medium voltage collection system

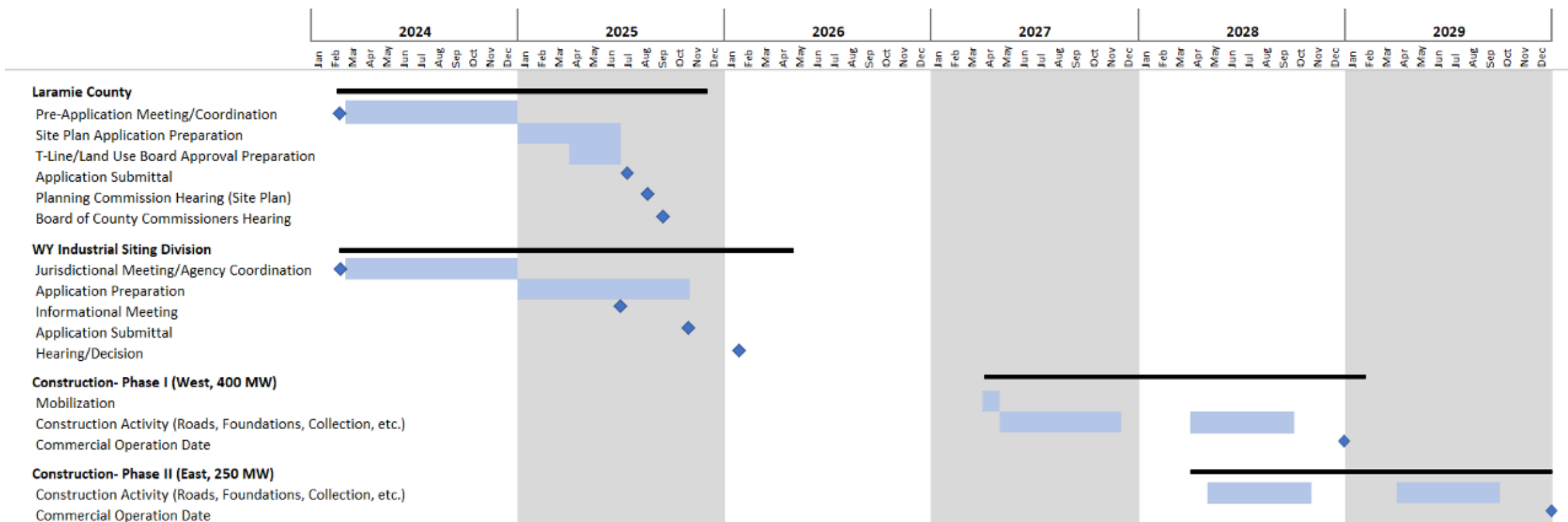


Outreach and Community Engagement

- The Laramie Range Wind team has engaged with the local stakeholders since 2018 and is committed to continued robust community engagement
 - Laramie County Board of County Commissioners
 - Laramie County Planning & Development
 - Laramie County Fire Authority
 - City of Cheyenne - Mayor
 - Communications with landowners adjacent to and near the Project
 - Community meeting held June 17, 2025
 - Sponsoring annual scholarships at Laramie County Community College
 - Supporting multiple local organizations
- The team has also engaged with Platte County
 - Town of Chugwater - Mayor, Fire Department and Presentation at public Town Council meeting
 - Platte County Planning and Zoning staff

Anticipated Schedule

- ISC application to be filed in October 2025
- Construction expected to begin in early 2027
- Phase I (400 MW) commercial operation in 2028 and Phase II (250 MW) in 2029



Economic Impact

The Laramie Range Wind Project represents significant benefits for Laramie County



Approximately \$1.1 billion capital investment;
represents a significant increase to Laramie County's taxable property base



Over **\$190 million in property and production tax revenues** over the project life that will fund schools and other critical infrastructure in Laramie County



Nearly **\$32 million in sales tax revenues** on construction materials collected by Laramie County during construction



Over **300 jobs** during peak construction

Up to **23 well-paying, long-term jobs** during operations

Project Highlights

- The Project supports State and County goals, including land use and energy resource goals identified in the Laramie County Comprehensive Plan (Laramie County 2016)
 - To encourage the use of all energy resources including but not limited to electric, natural gas, petroleum, coal and alternative energy sources
 - To accommodate new industrial development that provides jobs and is compatible with the character of the community



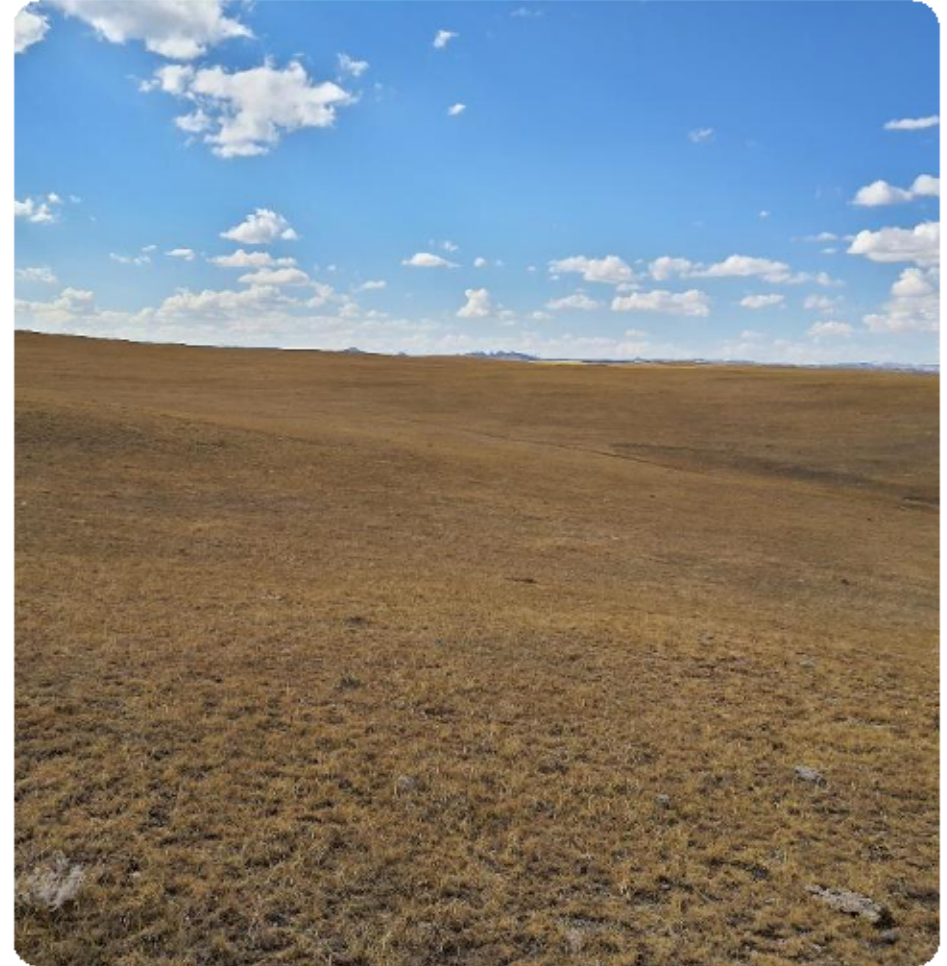
Compliance with Laramie County Land Use Regulations

- The Site Plan Application satisfies all applicable Large Wind Energy Systems requirements outlined in **LUR 2-2-125**
- Highlights from Site Plan Application Section 3.0
 - Location
 - Setback
 - Acoustic Assessment
 - Visual Assessment
 - Decommissioning/Reclamation
 - Natural and Cultural Resources



Laramie Range Wind has been extensively studied, is well sited, and complies all applicable laws, rules and regulations.

- Decommissioning/Reclamation – Appendix B
- Visual Assessment – Appendix D
- Acoustic Assessment – Appendix E
- Traffic Impact Study/Road Assessment – Appendix F



Compliance with Laramie County Land Use Regulations

- Location – The Project is proposed on land that is within the regulatory area of unincorporated Laramie County. Wind energy farms are allowed as a permitted use.
- Height - The total height of a large wind energy system shall comply with all federal, state and local regulations, including FAA guidelines. The maximum height of the proposed turbines is 206.5 meters (678 feet). The most impactful turbine was used for all applicable studies – such as the Visual Assessment.
- Visual Assessment
 - Uses the tallest potential turbine. Provides simulations from 8 observation points. Turbines are visible within the near vicinity of the project, but largely diminish ten miles and greater from the Project Site.
 - We specifically note that the closest turbine is nearly 4 miles from the Quebec 01 Missile Alert Facility. We are in consultation with Wyoming State Parks and have a meeting planned for October 13th.



Compliance with Laramie County Land Use Regulations

- Setbacks – LUR 2-2-125(c)(iii)
 - The center of the base of each wind tower shall be located no less than 1.5 (hub height + rotor diameter) from adjacent unplatted nonparticipating property lines and dedicated public roads.
 - No tower or other structure, other than underground structures, transmission lines, roadways and structures appurtenant to roadways, shall be located at a distance of less than five and one-half (5.5) times the maximum height of the tower, but in no event less than one thousand (1,000) feet from any platted subdivision unless this restriction is waived in writing by the owners of all lands included within the distance specified in this paragraph.
 - The base of any tower shall not be located at a distance of less than five and one-half (5.5) times the maximum height of the tower, but in no event less than one thousand (1,000) feet from a residential dwelling or occupied structure, unless waived in writing by the person holding title to the residential dwelling or occupied structure.
 - The base of any tower shall not be located at a distance of less than one-half (1/2) mile from the limits of any town or city.



Compliance with Laramie County Land Use Regulations

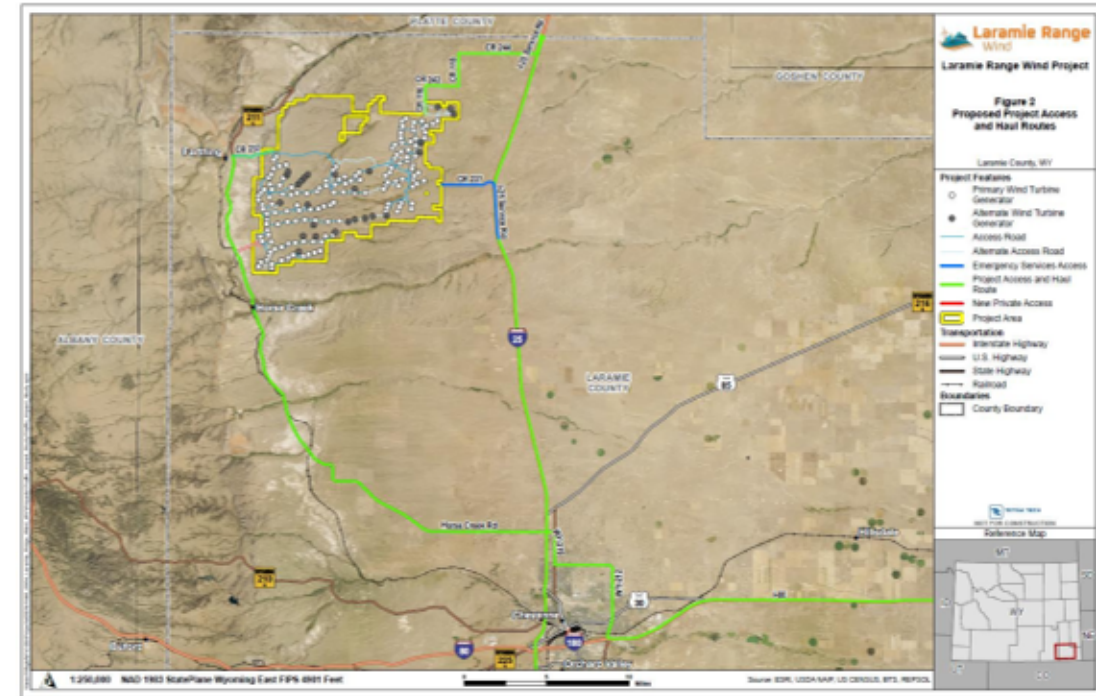


- The Project meets or exceeds the setback requirements set out by 2-1-125c(iii). The setbacks compliance has been determined using the maximum turbine tower height being proposed for the Project.
- The closest non-participating property line is 1,447 feet; this meets the setback requirements.
- The closest non-participating residential dwelling or occupied structure is 4,600 feet; this exceeds the setback requirements.
- Laramie Range Wind has committed to applying for aircraft detection lighting systems (ADLS) and will install the systems to the maximum extent approved by the FAA.



Laramie Range Wind will maintain and repair roads in and around the Project Area.

- Laramie Range Wind conducted a preliminary transport assessment to identify the potential primary access and haul routes for the Project and any potential improvements or other modifications to these routes to accommodate oversized vehicles associated with Project component delivery.
- Improvements to intersections will be made to provide appropriate turning radii and widths.
- Safety is at the forefront of all planning decisions. Project has coordinated with Laramie County Fire Authority to ensure timely response for emergency services..



Laramie Range Wind will maintain and repair roads in and around the Project Area.



- Prior to construction, Laramie Range Wind will enter a Road Use & Maintenance Agreement (RUA) with the County, as required by the LURs.
 - Provisions within the RUA are enforceable and will be strictly followed.
- Prior to construction, Laramie Range Wind will develop a Traffic Management Plan, in consultation with WYDOT, WGFD, and the County. The Traffic Management Plan will be designed to minimize potential hazards from increased truck traffic and worker traffic and to minimize impacts to traffic flow in the vicinity of the Project.
- Laramie Range Wind will establish and post speed limits and will require that contractors include road use provisions in subcontractor agreements that require the agreed upon restrictions and mitigation measures in the Traffic Management Plan be adhered to.
- Laramie Range Wind will establish a bond for the repair of roads along the haul route for the wind farm in an amount of not less than 115 percent of the cost for infrastructure improvement or repair as determined in the engineer's estimate of cost, but in no case less than \$25,000 for the purpose of repairing any damage to public roads caused by constructing, operating or maintaining the system.

Laramie Range Wind will be decommissioned and reclaimed in compliance with the Land Use Regulations

- Physical removal of wind energy systems, equipment, security barriers and transmission lines
- Disposal of all solid and hazardous waste in accordance with local, state and federal waste disposal regulations
- Stabilization or re-vegetation to minimize erosion
- To minimize erosion and disruption to vegetation, the regulations allow the applicant to leave below grade foundations and infrastructure if approved by participating landowner.
- Decommissioning financial assurance will be provided.
- Consulted with Weed and Pest in July 2024.



Laramie Range Wind has been extensively studied and is well sited to minimize, avoid, and mitigate environmental impacts.

- Wyoming has a robust permitting process for Wind Energy projects
- Comprehensive environmental surveys are required to assess potential impacts on the state's iconic landscapes and sensitive wildlife
- Surveys are a key component of the federal and state, and local permitting processes, with extensive studies focusing on migratory birds, raptors, and protected species like the greater sage-grouse and golden eagle.



Laramie Range Wind has been extensively studied and is well sited to minimize, avoid, and mitigate environmental impacts.



- Project has followed USFWS Land Based Wind Energy Guidelines and WGFD Guidelines for Wind and Solar Energy Development, for wildlife siting considerations and survey protocols
- Many environmental studies of the Project Site have been completed, including bat acoustic monitoring, avian use surveys, raptor nest studies, habitat assessments. Section 3.1.16 and Table 4 set out more details on these studies.
- Phase I ESA (**initial November 2023**)
- Radar and Navigational Aid Study (**September 2024**)
- Obstruction Evaluation (**initial June 2019, update September 2024**)
- Microwave Beam path (**initial June 2019, update February 2024**)
- Critical Issues Analysis (**June 2019**)
- Cultural Resources Desktop Assessment (**December 2023**)
- Cultural Class III Assessment (**2024 partial and ongoing**)
- Site Characterization Study (**September 2022, revised December 2023**)
- Species of Greatest Conservation Need (SGCN) Habitat Assessment (upland sandpiper, mountain plover, burrowing owl, sage grouse (aerial), long billed curlew, sharp tailed grouse) (**March 2023**)
- SGCN Survey (upland sandpiper, mountain plover, burrowing owl, sage grouse (aerial)) (**December 2023**)
- 2 + years Raptor Nest Survey (**2022, 2023, additional survey in 2025**)
- 2 + years Avian Use (**2022, 2023, additional in 2024**)
- 2 years Bat Acoustic Survey (**2022, NAbat Survey 2023, 2024**)
- Prairie Dog Colony Delineation (**2022, 2025**)
- Preble's Meadow Jumping Mouse habitat assessment (**2024 and ongoing**)
- Wildlife Monitoring Plan (**September 2025 draft**)
- Eagle Conservation Plan (**in development**)
- Bird and Bat Conservation Plan (**in development**)
- Aquatic Resources Delineation (**2024 partial and ongoing**)

Laramie Range Wind has and will continue extensive agency coordination and communication

- Laramie Range Wind commits to minimizing impacts to wildlife during construction and operation
- Laramie Range Wind has been in on-going consultations with:
 - WGFD and USFWS
 - State Engineers Office with respect to water usage and any required permits.
 - SHPO and conducted cultural resources surveys.
- The Project has also had communication with U.S. Army Corp of Engineers, WY Department of Environmental Quality, WY Parks and Cultural, Department of Defense, and Federal Aviation Administration



WYGFD Coordination

From: Lauren Throop <lauren.throop@wyo.gov>

Sent: Friday, August 22, 2025 11:59 AM

To: BANKE, CHARLIE <charlie.banke@repsol.com>

Cc: sonny.keen@laramiecountywy.gov; Justin Arnold <justin.arnold@laramiecountywy.gov>; Sherman, Amy <amy.sherman@tetrattech.com>; MUT, NICOLE <nicole.mut@repsol.com>; OLENIUS, LANCE <lance.olenius@repsol.com>; POE, ALLISON <allison.poe@repsol.com>; Will Schultz <will.schultz@wyo.gov>; WGFD HPP <wgfd.hpp@wyo.gov>

Subject: Re: PZ-25-00048 - WER14897.03 Response Letter

Hello all,

I believe the Wyoming Game and Fish Department had a renewed "task" on the SmartGov website for this project, but I am not seeing it there now.

I wanted to confirm receipt of the response letter from RepSol in relation to our comments to Laramie County regarding the Laramie Range Wind Project via WER 14897.03, and issue a response to the letter.

We are pleased with the response from RepSol, as well as the follow-up meeting we had with the proponent. RepSol continues to make a good faith effort to take wildlife and habitat siting recommendations into account during their planning process, and to create programmatic approaches to minimizing impacts in the instances when recommendations cannot be followed. We are satisfied with the commitments made in this response letter and we look forward to further codifying them in a signed Monitoring Plan and Traffic Management Plan. We also commend Repsol for their proactive approach to reducing bat mortality at the Laramie Range Wind Project per the commitments in their response letter.

Please let me know if the Department can provide any more information to Laramie County regarding this project -- we are happy to discuss at any time.

Thank you and have a great weekend!

Lauren



Lauren Throop (she/her)
Habitat Protection Program Biologist

Wyoming Game and Fish Department
1212 S. Adams St
Laramie, WY 82070
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Cell: (307) 349-2301



<https://wgfd.wyo.gov/Habitat/Habitat-Protection-Program>

Laramie Range Wind has been extensively studied and is well sited to avoid and mitigate environmental impacts.

- These studies and agency consultations have influenced the design that is before the Board today, and the site plan reflects responsible wind energy siting.
- Laramie Range Wind will continue to conduct studies and engage in consultation with local, state and federal agencies throughout permitting, construction, and operations.



Board Findings

Pursuant to Ordinance Section 1-2-100(a), before any application for a Board Approval can be granted, the Board must make three findings.

i. The proposed use is permitted by Board approval in the proposed location and in conformance with all applicable development standards.

- ✓ The Project is located entirely within the regulatory area (i.e. Land Use District) of unincorporated Laramie County (**Figure 3**). As outlined in LUR 4-2-114(b), a large-scale wind project is permitted by Board approval in the Land Use District.
- ✓ The Project must also demonstrate compliance with the applicable development standards. The Wind Energy Site Plan application narrative and supporting submittal documents serve to demonstrate the Applicant's compliance with the applicable standards, general requirements, and site plan criteria outlined in Land Use Regulations.



Board Findings

ii. The proposed use is in general conformance with all other applicable policies adopted by Laramie County.

- ✓ The Project is in general conformance with all applicable Laramie County policies, including future compatible use of the land as identified in the Laramie County Comprehensive Plan (Laramie County 2016).
- ✓ The Project is located entirely within the Agriculture and Range Land (AGR) future land use district designation, which identifies large wind energy systems as a compatible land use.

iii. There is no defined negative impact to the community.

- ✓ The Project meets or exceeds all of the applicable development standards, which were adopted by the County to promote the health, safety, and the general welfare of the citizens of Laramie County – specifically standards related to setbacks, noise, impacts to public roads, and decommissioning/reclamation.
- ✓ The diligence in siting this Project and working with stakeholders, coupled with compliance with the applicable development standards, provide the factual evidence that this Project will not have a negative impact on the community.



Request for Approval

- The application is complete.
- Community meetings, correspondence with adjacent property owners, and agency consultation has occurred.
- The Site Plan Application meets the requirements for Large Wind Energy Systems pursuant to section 2-2-125 of the 2022 Land Use Regulations.
- The High-Power Transmission line meets the requirements in section 2-2-127 of the Land Use Regulations.
- The Site Plan application is in conformance with section 4-2-114 of the Land Use Regulations governing the Land Use Zone District.
- Laramie Range Wind has provided, through the written record and testimony tonight, more than sufficient evidence for the Commission to make the required findings.

Laramie Range Wind respectfully requests the Board of County Commissioners to follow the recommendation of the Planning Staff and issue board approval of the Wind Energy Site Plan and High-Power Transmission Line, subject to the conditions that (1) an approved Industrial Siting Council permit from the Wyoming Department of Environmental Quality must be received prior to issuance of a Large Wind Energy Systems permit and (2) all agency comments are to be addressed as outlined in the Applicant's cumulative responses.

Contact Us

Contact us with questions or comments
in the following ways:

Email: info@LaramieRangeWind.com

Website: LaramieRangeWind.com

Phone: 877-211-4070



Thank you



Laramie Range
Wind