

ConnectGEN

Rail Tie Wind Project



*Connecting Power,
Projects, and People*

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www.connectgenllc.com

ConnectGen Company Overview

ConnectGen is an independent renewable energy developer with strong financial backing



ConnectGen is an independent renewable energy company focused on developing renewable generation and energy storage projects across North America. ConnectGen's portfolio includes wind, solar and energy storage projects, as well as transmission infrastructure, that will increase American's supply of low-cost clean energy.

ConnectGen is backed by Quantum Energy Partners. Founded in 1998, Quantum Energy Partners is a leading provider of private equity capital to the global energy industry, having managed together with its affiliates more than \$16 billion in equity commitments since inception.

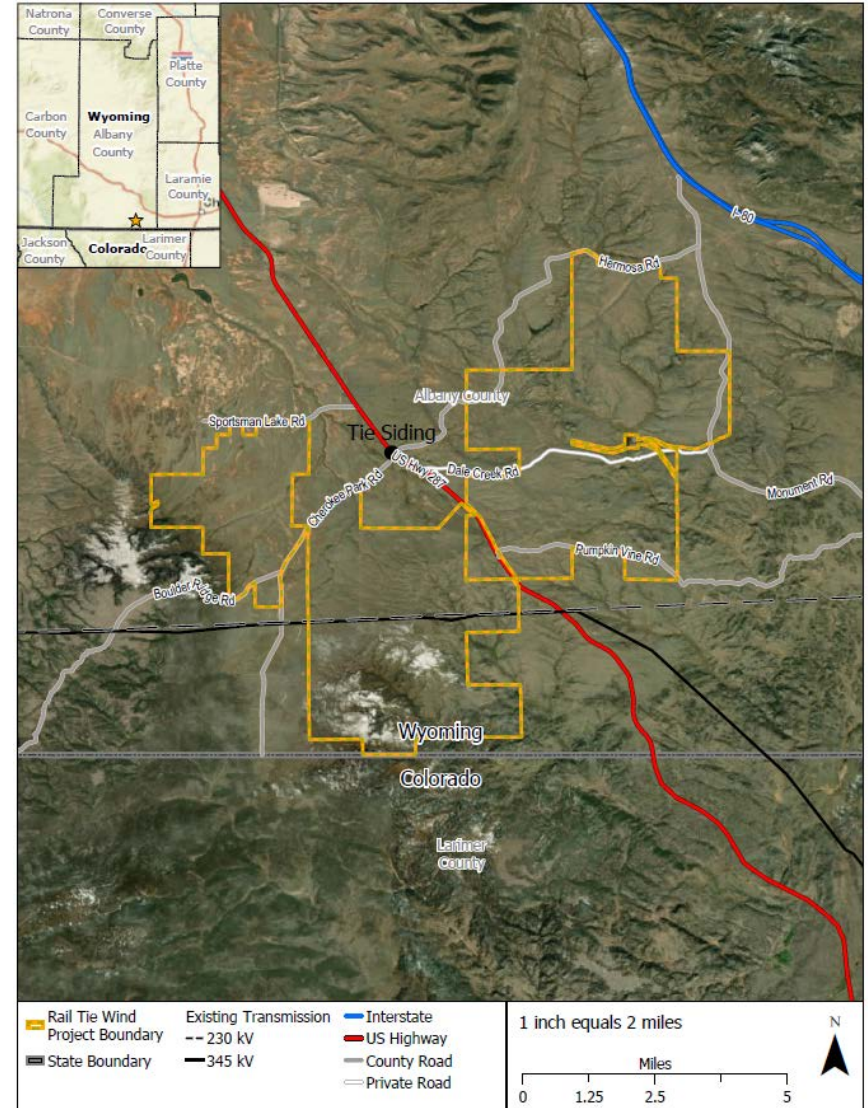


Project Overview – Rail Tie Wind Project

Location	Albany County, WY (41°03'50.09"N, 105°28'45.55"W)
Nearest City	Laramie (approx. 15 mi)
Commercial Operations Date	December 2022 (Stage I) December 2023 (Stage II)
Project area	Approx. 26,000 acres (80% private, 20% state)
Project size	504 megawatts (Stages I & II)
Point of Interconnection	Tap on Ault – Craig 345 kV transmission line

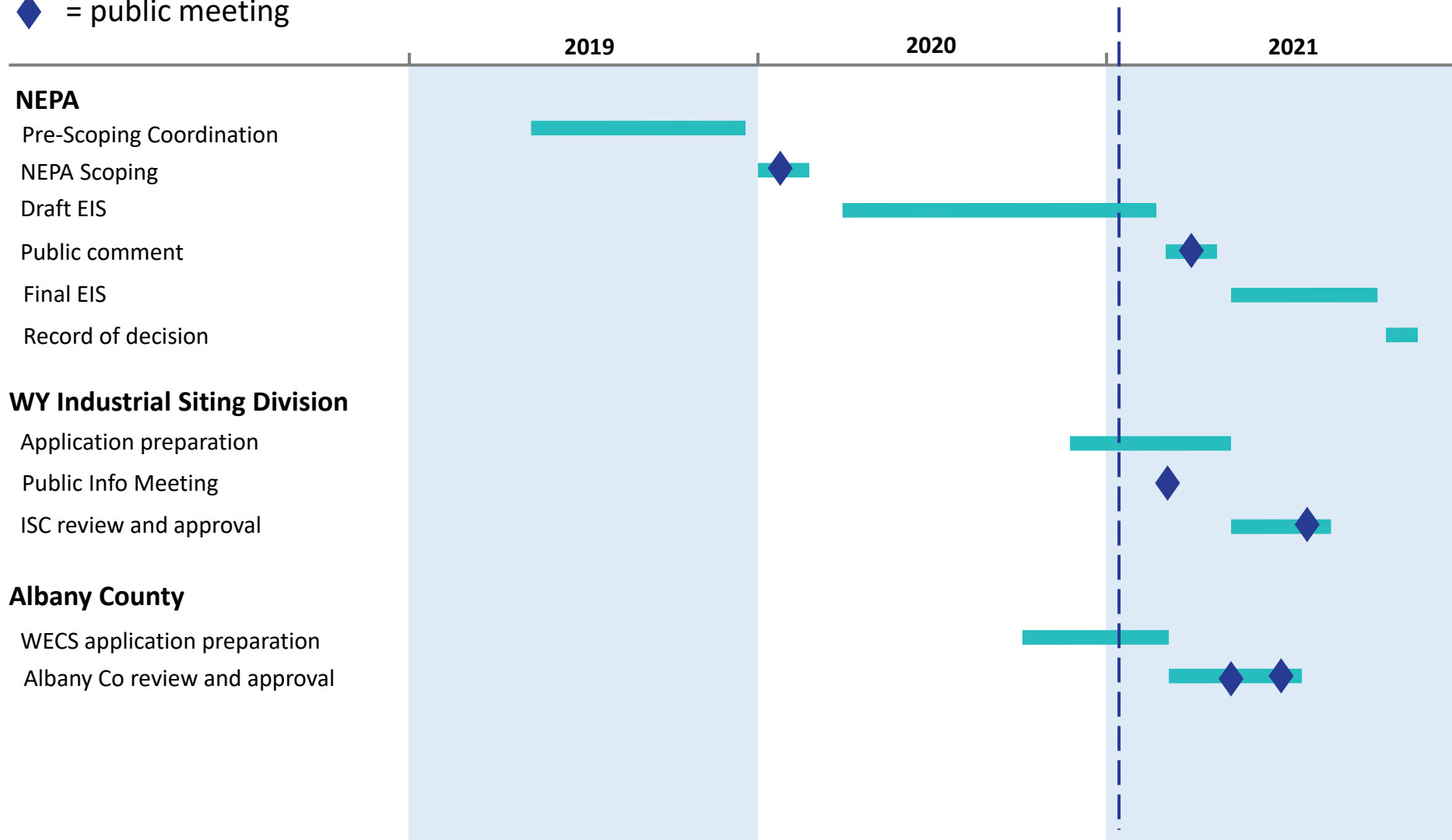
Project Highlights

- Robust wind resource (10 m/s @ 100m hub height)
- Interconnection location does not require construction of gen-tie or significant upgrades
- Avoids highly sensitive environmental areas in WY
- Project design incorporates over 100 Environmental Protection Measures
- ConnectGen began updated studies in late 2018



Schedule – Major Regulatory Approvals

◆ = public meeting



Health and Safety

Fire safety

- Wind turbines are equipped with lightning protection systems and internal smoke detectors, and shut down automatically when detect fire
- Per Albany County regulations, ConnectGen will establish an Emergency Response Plan with Fire Dept, Sheriff, and Emergency Mgmt Office

Ice throw

- Albany County's turbine setbacks from roads, property lines, homes protect public from risk of ice throw
- Wind turbines are shut down during periods of ice buildup on blades
- 2007 Canadian study: For a 1,000 sq ft home located 1,000 ft from wind turbine, ice strike risk is 1 per 62,500 years
 - Rail Tie wind turbines would be triple this distance from homes

Noise

- Albany County sets wind project noise limit of 55 dBA at non-participating property lines. Rail Tie will not exceed these limits.
- Peer-reviewed studies have consistently found no link between wind turbines and negative health effects.

Project Benefits: Tax Revenues

Rail Tie Wind Project Tax Revenues Paid to County and State:

	Sales & Use Tax (Construction, One-Time)	Sales & Use Tax (Operations, Avg Annual)	Excise Tax on Wind Generation (Annual)	Property Tax (Avg Annual)	Total Tax Revenues over 35 Year Project Life
State of Wyoming	\$12.4 million	\$0.2 million	\$0.8 million	-	\$45.0 million
Albany County	\$14.6 million	\$0.3 million	\$1.2 million	\$1.94 million	\$131 million
Total	\$27 million	\$0.5 million	\$2.0 million	\$1.94 million	\$176 million

The **\$14.6 million** to be paid to Albany County during construction is equal to 80% of all sales & use taxes distributed to Albany County in 2018

Additionally, the Project will provide a steady stream of annual tax revenues to Albany County throughout its 35 year life, averaging **\$3.3 million** per year during operations.

Project Benefits: Job Creation

The Rail Tie Wind Project will create new jobs and provide additional long term tax revenues

Construction and Operations Jobs to be Filled by Wyoming workers:



Construction

Direct Impacts: **113** construction jobs

Total Impacts: **644** jobs



Operations

Direct Impacts: **23** permanent jobs

Total Impacts: **92** jobs

ConnectGen endeavors to use local labor, contractors and service providers when possible, and will be collecting info on qualified local businesses:

- Engineering
- Geotechnical
- Surveying
- Construction
- Concrete
- Aggregate / Stone
- Rebar providers
- Equipment rentals
- Trucking / Hauling
- Restoration
- Housing / Hospitality

Project Benefits: Clean energy

The Rail Tie Wind Project will produce approximately **2,000,000 megawatt-hours (MWh) of emission-free energy each year.**

➡ This is enough energy to power **180,000 homes annually**

For comparison, in order to generate an equivalent amount of energy, conventional generation sources would produce the following:

- Coal plant ➡ 2,210,000 tons of CO₂ annually
- Natural gas plant ➡ 920,000 tons of CO₂ annually

The Rail Tie Wind Project will repay its carbon footprint in six months or less, providing decades of zero-emission energy.

Contact info

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Rail Tie Wind Project website: <https://www.railtiwind.com/>

WAPA EIS website:

<https://www.wapa.gov/transmission/EnvironmentalReviewNEPA/Pages/rail-tie-wind-project.aspx>



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