PROJECT OVERVIEW

Rail Tie Wind Project

• **Location:** Albany County, Wyoming

• **Nameplate capacity:** 504 megawatts

• **Project area:** 26,000 acres of private and state land

• **Interconnection:** Ault-Craig 345-kV transmission line jointly owned by WAPA, Tri-State, and Platte River Power Authority
PROJECT PROPONENT BACKGROUND
Rail Tie Wind Project

CONNECTGEN ALBANY COUNTY LLC
• Independent renewable energy company focused on the development of greenfield wind, solar, and energy storage projects across the United States
• Headquartered in Houston, Texas, and backed by Quantum Energy Partners

RAIL TIE WIND PROJECT GOALS AND OBJECTIVES
• To respond to increasing market demand for sources of renewable energy
• Demand is primarily driven by the rapidly falling costs of wind- and solar-generated electricity and state clean energy mandates
# PROJECT DESCRIPTION

## Rail Tie Wind Project

### PROJECT ATTRIBUTES

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL OUTPUT CAPACITY</td>
<td>504 MW</td>
</tr>
<tr>
<td>PROJECT AREA</td>
<td>26,000 ACRES</td>
</tr>
<tr>
<td><strong>Turbine Generators</strong></td>
<td></td>
</tr>
<tr>
<td>Output</td>
<td>3 MW–6 MW</td>
</tr>
<tr>
<td>Count</td>
<td>84–151</td>
</tr>
<tr>
<td>Overall Height</td>
<td>up to 675 feet</td>
</tr>
<tr>
<td>Nacelle Height</td>
<td>up to 410 feet</td>
</tr>
<tr>
<td>Blade Length</td>
<td>up to 272 feet</td>
</tr>
<tr>
<td><strong>Collection Lines</strong></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>34.5 kV</td>
</tr>
<tr>
<td>Length</td>
<td>80 miles, primarily underground; if overhead, 50- to 80-foot-tall structures</td>
</tr>
<tr>
<td><strong>Substations</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>2 substations – 345 kV each</td>
</tr>
<tr>
<td>Area</td>
<td>5 acres each</td>
</tr>
<tr>
<td><strong>Transmission Lines</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>345 kV</td>
</tr>
<tr>
<td>Length</td>
<td>4 miles, up to 125 feet tall</td>
</tr>
<tr>
<td><strong>Interconnection Switchyard</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>1 site – 345 kV</td>
</tr>
<tr>
<td>Area</td>
<td>8 acres</td>
</tr>
<tr>
<td><strong>Operations &amp; Maintenance Facility</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>7,000-square-foot building</td>
</tr>
<tr>
<td>Area</td>
<td>5 acres</td>
</tr>
<tr>
<td><strong>Access Roads</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>All-weather, new, improved, and existing</td>
</tr>
<tr>
<td>Area</td>
<td>60 miles, 20-foot-wide travel surface</td>
</tr>
<tr>
<td><strong>Meteorological Towers</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>3 – self-supported lattice-mast</td>
</tr>
<tr>
<td>Area</td>
<td>105 meter tall</td>
</tr>
<tr>
<td><strong>Construction Laydown Yards</strong></td>
<td></td>
</tr>
<tr>
<td>Count</td>
<td>2 – temporary</td>
</tr>
<tr>
<td>Area</td>
<td>15 acres each</td>
</tr>
</tbody>
</table>
Project Development Activities to Date:

- Wind lease agreements
- Baseline wildlife surveys
- Wind data collection
- WAPA interconnection studies
- Agency coordination; stakeholder outreach
- Prelim. engineering and layout design

Future Development Activities outside NEPA:

- State (Industrial Siting Council) and Albany County permitting
- Secure commercial contract (Power Purchase Agreement)
- Final engineering; equipment procurement
Rail Tie Wind Project

PROJECT CONSTRUCTION

• Occurs over approximately 18 months

• Expected sequence (activities 3-7 occur simultaneously)

1. Mobilization
2. Access roads and laydown areas
3. Substation construction
4. O & M building construction
5. Transmission line construction
6. Foundations
7. Turbine installation
8. Commissioning and acceptance testing

• Occurs over approximately 18 months

• Expected sequence (activities 3-7 occur simultaneously)
PROJECT PROPOSENT VS. LEAD AGENCY

Rail Tie Wind Project

ConnectGen’s role:
- Project Proponent-Developer
- Requested interconnection to WAPA transmission system
- Permitting support from Tetra Tech, Inc.

WAPA’s role: Lead National Environmental Policy Act (NEPA) Agency
- Responding to interconnection request
- NEPA support from SWCA Environmental Consultants
Rail Tie Wind Project

• ConnectGen’s request for interconnection to WAPA’s existing Ault-Craig 345-kV transmission line

• WAPA’s response and decision
  • Major federal action under NEPA of 1969
  • Environmental Impact Statement
PUBLIC COMMENTS
Rail Tie Wind Project

WHERE

• **HERE**
• Via email
• Via mail

WHEN

• Scoping Period/ Meeting (**NOW**)
• Draft EIS Public Review & Comment Period/ Hearing

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PUBLIC COMMENTS
Rail Tie Wind Project

EFFECTIVE COMMENTS

• Are specific to proposed Project
• Relate to scope of analysis, severity of potential impacts, or present potential alternatives
• Provide local knowledge to influence Project design or to be considered in impact analysis