# **OYEN WIND POWER PROJECT**

# **res**

# **ABOUT THE PROJECT**

RES Oyen Wind LP, a wholly owned subsidiary of Renewable Energy Systems Canada Inc. (RES), is proposing to develop, construct and operate the Oyen Wind Power (the Project), to be located north of the town of Oyen, Alberta, in Special Area No. 3, and which would generate up to 466 megawatts (MW).

The Proposed Project Layout comprises 84 potential turbine locations, however, we anticipate constructing a maximum of 83 turbines. We are currently examining several turbine models with nameplate capacities between 5.7 MW and 6.6 MW which could have a maximum tower height of 120 metres and a maximum blade length of 85 metres. The final number of turbines will be determined once the turbine model has been selected.

#### Interconnection

The Project proposes to build a short transmission line to connect to the existing 240 kV transmission line owned and operated by ATCO to the west of the Project area. If approved, the transmission connection would be built along the existing line to connect to the existing Lanfine Substation (959S). ATCO will be consulting separately regarding the Interconnection Project.

## **PROJECT UPDATES** (Schedule Adjustment and Revised Layout)

#### **Schedule Adjustment**

We are adjusting the Project timeline due to recent market reforms in Alberta. This strategic shift ensures the Project's long-term success and viability.

Our team is dedicated to bringing benefits to the community and the broader region. By adding an additional permitting year, we aim to align with new market conditions, with Phase 1 construction now set to start in 2026. These changes will not delay our Facility application substantially with the Alberta Utilities Commission (AUC) and after receiving a low-risk ranking from the Alberta Environment and Protected Areas (AEPA), we aim to apply as soon as September 24th, 2024.

This adjustment provides the necessary time to tailor the Project to market dynamics, ensuring high-quality renewable energy solutions. While this may raise concerns, it is a short-term adjustment for long-term gain, allowing the Project to proceed smoothly and efficiently. Our goal is to deliver a wind project that meets the highest standards of quality and sustainability. Please see our revised Project Schedule on the following page.

### **Revised Project Schedule\***



\*Schedule is subject to change

\*\* Consultation is ongoing throughout the life of the Project

#### **Revised Layout**

We have revised the Project layout to accommodate landowner concerns, newly migrated wildlife in the area and the revised AUC Rule 012: Noise Control. As part of this effort, we have removed three turbine locations along with their associated access roads and cabling. Additionally, 11 turbines have been repositioned. Noise and Shadow Flicker have been re-run using the revised AUC Rule 012: Noise Control and the results have been found to be equal or less compared to the previous layout. These results will be posted on the Project's website. Please refer to the updated Proposed Layout Map included in this package to see the changes.

We thank all stakeholders for their participation in the consultation process. Any responses to this information package should be sent to a Project Representative by September 23rd, 2024.

#### **Contact us:**

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