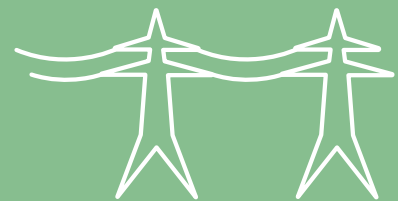




# Smoky River Wind Connection



Newsletter: January 2025

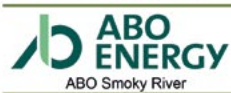
Smoky River Wind Inc. (SRWI), a newly formed subsidiary of ABO Energy Canada Ltd. (ABO Energy) is proposing to construct the Smoky River Wind Connection (the Project), an approximately 5 to 7 km of new 144-kilovolt (kV) transmission line to connect to the Alberta Interconnected Electric System. The Project will connect the proposed 160 MW Smoky River Wind Project and will be situated between the proposed Hive 1084S substation and the existing ATCO-owned 7L06 144 kV transmission line. SRWI will handle the design and construction of the new transmission line and once in service, ATCO will assume operation and maintenance of the line as part of the Alberta Interconnected Electric System.

Renewables are our DNA



# Routing Selection

Several factors are considered to select a transmission line route with minimal impact. These factors include existing land use, environmental effects, Indigenous community interests, agriculture, existing infrastructure, proximity to residences, engineering constraints, and economic viability. Two routes and two variations of these routes are being proposed, as shown on the enclosed route map.



## Preliminary Route Segments

- ATCO 7L06 Transmission Line
- Cemetery
- Residence
- Oil and Gas Well
- High Pressure Pipeline
- Watercourse
- Water Body

- Smoky River Wind Turbine Location
- Project Area
- Potential Substation Northern Substation Location
- Potential Substation Southern Substation Location

- Potential Route\* Northern Substation Route
- Northern Route Variant
- Southern Substation Route
- Southern Route Variant

\*Note: Dashed lines indicate overlapping route segments.



Produced For: ABO Energy Canada Ltd. | Map Creator: L. Mould  
 Map Date: December 2, 2024 | Map #: ABO241954-004 Rev. 0  
This map is intended for informational purposes only. It is not intended to be used as a legal document. The information on this map is based on the best available information at the time of printing. The information on this map is not intended to be used as a legal document. The information on this map is not intended to be used as a legal document.

The Smoky River Wind Connection is needed for the Smoky River Wind Project, which is being proposed by SRWI and will have an expected capacity of **160MW**. The Smoky River Wind Project is located on privately-owned land between the Town of Falher and the Village of Nampa and consists of up to **27 turbines**.

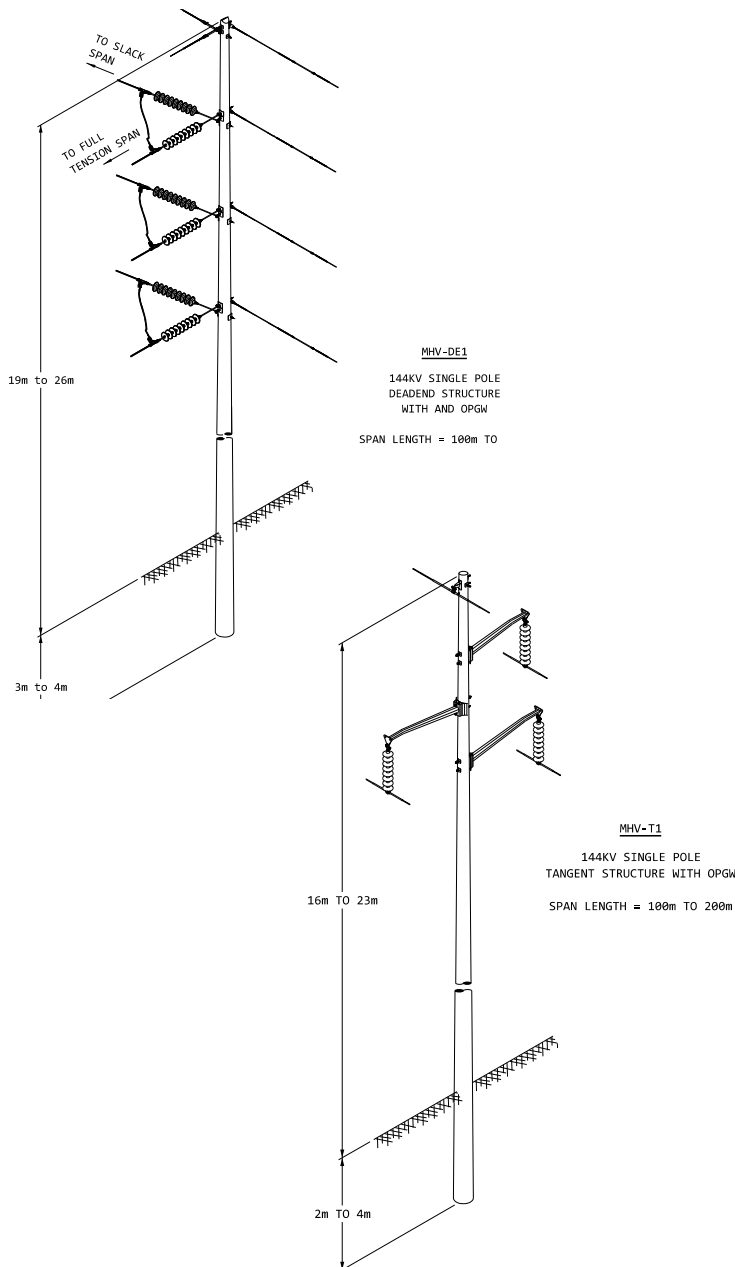
Smoky River Wind will provide a cost-effective source of enough clean energy for approximately **65,000 homes** and will contribute to increasing Alberta's percentage of electricity generation by renewable energy.

A parallel consultation process is ongoing for the Smoky River Wind Project.





# The New Transmission Line



The new line, in the Municipal District (M.D.) of Smoky River, is expected to feature a mix of single pole tangent and single or multi pole guyed dead-end and angled structures, which may be made of wood or steel. These structures are expected to be 16 to 26 meters in height, with typical spans ranging from 100 to 200 meters. The line will fall within an easement up to 20 meters wide, located on both private and Crown land. Ongoing vegetation management may be required beyond the width of the easement.

## Facilities Application

A transmission facility owner must submit an application to the AUC to obtain a permit to construct and a license to operate the facility. This application is known as a facilities application. ABO Energy expects to file a facilities application in January 2026. The AUC will review the application and either approve (with or without conditions) or deny it. To learn more about the AUC application and review process, please contact:

Alberta Utilities Commission (AUC)  
Phone: 310-4AUC  
1-833-511-4282 (outside Alberta)  
info@auc.ab.ca  
www.auc.ab.ca

## Who is the AESO?

The AESO is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid.

For more information about why this project is needed, please refer to the AESO's Need Overview included with this package or visit: [www.aeso.ca](http://www.aeso.ca).

If you have any questions or concerns about the need for this project or the proposed transmission development to meet this need, you may contact the AESO directly and make your questions or concerns known to a transmission facility owner representative. This process may include disclosure of your personal information to the AESO.

Alberta Electric System Operator (AESO)  
stakeholder.relations@aeso.ca  
1-888-866-2959

# Schedule and Contact Information

## Preliminary Project Schedule

Activity	Timeline
Initial Notification to Stakeholders	January 2025
Public Consultation	January 2025 to November 2025
File Facility Application with the AUC	January 2026
Anticipated AUC Approval	May 2026
Construction Start	Q2/Q3 2026

## Project Contact and Consultation

The consultation process is guided by the Alberta Utilities Commission (AUC) Rule 007. SRWI commits to forthright and meaningful communication that is timely and respectful.

If you have questions about the Regulatory and Consultation Process, you can contact the AUC at 403-592-4500 or find information at: [www.auc.ab.ca](http://www.auc.ab.ca)

We look forward to hearing from you. For more information, please visit our website at [www.smokyriverwind.com](http://www.smokyriverwind.com) or contact us at:



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ABO Energy was founded in 1996 and is now a leading developer of renewable energy projects. The company focuses on developing wind, solar, energy storage, and green hydrogen projects throughout Canada. For more information, please visit: [www.aboenergy.com](http://www.aboenergy.com).