

May 3, 2023

164L and 616L Transmission Lines Rebuild – Project update

Thank you for your ongoing participation in the proposed 164L and 616L Transmission Lines Rebuild. We began consulting with stakeholders on this proposed project in October 2021. We want to provide you with an update and get your feedback.

The existing 164L and 616L transmission lines are 138 kilovolt single circuit transmission lines. They were constructed more than 60 years ago, and portions of both lines are located in a high-risk fire area. This project involves rebuilding approximately five kilometres of each transmission line to ensure that a safe and reliable supply of power is available for years to come.

Project update


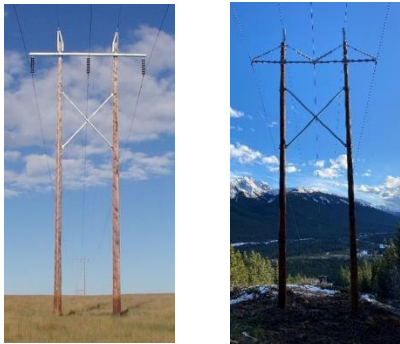
We initially proposed consolidating the two separate lines into one new double circuit transmission line, using monopole structures.

After further analysis, AltaLink has determined that a more cost-effective solution is to rebuild them as two separate lines, using H-frame structures. The two rebuilt transmission lines would be similar to the existing lines, and the existing lines would be salvaged once the new lines are in place.

While we are still considering the previously proposed double circuit option, cost considerations may require a different solution, so we would like your feedback on this new option.

Proposed transmission structures

The structures on the existing lines are wood H-frame structures that are approximately 18 metres (m) tall. We are proposing two different structure types based on the two different options that we are considering to rebuild the lines.

	Double circuit monopoles	Single circuit H-frames
		
Option	Consolidating the two lines into one line	Rebuilding the lines as two separate lines (similar structures to the existing lines)
Type	Steel	Wood
Height	23 to 25 m	15 to 25 m

The proposed new H-frame structures on the 164L and 616L transmission lines will be parallel to the existing structures, but will be moved approximately two metres to the north.

An additional right-of-way of up to 10 metres may be required to ensure the safe operation of the transmission lines. AltaLink offers fair market value for the land at the time of acquisition and will be discussed individually with the landowner.

Some access trails and construction workspace may be required to assist with safe work practices and to minimize disturbance during the salvage and rebuild. Please see the access trails and construction workspace illustrated on the strip maps in this package for more details.

Next steps

We will contact landowners, residents, and occupants affected by the proposed changes to gather input and address questions or concerns.

After the consultation process is complete, we will file our application with the Alberta Utilities Commission (AUC) in October. We will notify you of the AUC's decision regarding the project. If the project is approved, construction will start in fall 2024 and be completed in winter 2024.

Contact us

We are available to address any questions or concerns you may have. Please contact us at 1-877-267-1453 (toll-free) or stakeholderrelations@altalink.ca. Further information about this project and maps are available at altalink.ca/projects.

Sincerely,

Kris Gladue
Manager, Stakeholder Engagement