

December 5, 2024

## **Pteragen Peace Butte Wind Facility Connection Project update**

Thank you for your ongoing participation in the Pteragen Peace Butte Wind Facility Connection. We began consulting with stakeholders in August 2024, and we would like to provide you with an update.

### **Project details**

The proposed project is located in Cypress County, approximately 22 kilometres south of Medicine Hat. It includes:

- constructing approximately 230 metres of new 138 kilovolt (kV) transmission line (to be named 600AL), including two new structures (one two-pole structure and one new H-frame structure)
- modifying AltaLink's existing 600L transmission line to connect to 600AL (this includes the addition of two new monopole structures and the removal of one structure)
- installing approximately two kilometres of underground fibre optic cable between the 964L/983L transmission line and Pteragen's proposed substation

In our initial information package, we indicated that the new 600AL transmission line would primarily be located on land owned by Pteragen. This information was incorrect as the land will be leased by Pteragen. We apologize for the error.

### **Changes to proposed fibre optic cable location**

In our initial information package, we proposed that two kilometres of fibre optic cable would be installed within an existing transmission line right-of-way between the 964L/983L transmission line and Pteragen's approved Tothill Substation.

After our initial consultation and further environmental review, we will be updating our proposal to install a portion of the fibre optic cable one metre within the existing road allowance along the north side of Township Road 100.

The updated proposal will now also include new temporary workspace in the undeveloped road allowance north of Township Road 100.

We will discuss any updates to access trails and temporary workspace with affected stakeholders.

### **Temporary transmission line**

After further engineering we have determined that to safely connect the Pteragen Peace Butte Wind Facility to the grid, there may be a need for AltaLink to construct a temporary transmission line to maintain reliable electricity in the area while construction is completed.

If required, the temporary transmission line would be approximately 290 metres in length and connect to the existing 600L transmission line approximately 230 metres west of Pteragen's

approved Tothill Substation. Three new structures will be added to the temporary transmission line, which will be similar in height to the existing structures on the 600L.

The temporary transmission line will also require an additional ten metres of temporary workspace to the west of the 600L transmission line in NE-33-9-6-W4 for a total of 30 metres.

Once AltaLink has completed the Pteragen Peace Butte Wind Facility Connection, the temporary transmission line will be removed and the area will be remediated.

### **Anticipated project schedule**

<b>Notify and consult with stakeholders</b>	August – February 2025
<b>File application with Alberta Utilities Commission (AUC)</b>	March 2025
<b>Start construction if project is approved</b>	June 2026
<b>Complete construction</b>	November 2026

### **Next steps**

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC).

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project.

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