

FORT MCMURRAY WEST 500-KV TRANSMISSION PROJECT

What is changing with construction activities now?

Construction activities have been ongoing in your area and we are now moving into the next phase of construction – Conductor Stringing. Alberta PowerLine specialists will use a technique called implosive splicing to connect the ends of two wires together.

What are the benefits of this technique?

Implosive splicing is an industry standard technique carried out by specialists under controlled conditions. It creates stronger, more efficient transmission lines and generally decreases the construction duration.

How will this construction affect me?

When two wire ends need to be connected, they are fused together by an implosion. This process is characterized by a loud exploding noise that can be heard several kilometres from the site. The work will take place daily between 8:00 a.m. and 8:00 p.m.

Implosive splicing crews will be in your area from **July to November 2018**.

Is there anything I should do?

The construction areas will be marked and we take the necessary precautions to ensure public safety. We request your assistance in keeping people, pets and livestock a safe distance from the construction site and equipment.

To see a video demonstrating implosive splicing, visit www.AlbertaPowerLine.com/Construction and look under the “What to Expect During Construction” section.

We apologize for any inconvenience. Please contact us if you have any questions or concerns at 1-844-420-7779 (toll-free) or contactus@albertapowerline.com

You can also find construction activity and schedule updates by visiting www.AlbertaPowerLine.com

Construction activities occur in five phases:

1 Clearing and Brushing

Trees will be removed within the right-of-way to minimize possible interference with the safe operation of the transmission line.

2 Installing Foundations

Installing the foundations may require grading or levelling of the site.

3 Tower Assembly and Erection

The towers will be assembled on site and secured to the foundations. Generally, two cranes are used to lift the tower into place.

4 Conductor Stringing

Once the towers are secured, conductors are attached using cranes or helicopters.

5 Reclamation

This includes final clean-up and post-construction restoration activities such as cleaning up construction debris and preparing the site to support natural vegetation re-establishment.

What to expect during construction

Construction will occur in phases along the right-of-way to maximize efficiency and minimize disturbance in an area.

Not all phases of construction will necessarily be completed in an area during a single construction season. Depending on weather, resource scheduling, or other factors, construction crews may need to re-visit locations the following construction season to complete required activities and final reclamation work.

During each phase of construction, there will be periods of increased traffic and construction noise within localized areas. APL will strive to reduce disruption and inconvenience during construction where reasonably possible.

Safety

APL is focused on maintaining a safe work environment for construction crews and members of the public. If you encounter construction activities, or are travelling along the right-of-way, maintain a safe distance from active construction sites.

Although line construction may not be actively occurring in an area, access mats and construction materials may be along the right-of-way and might not be easily visible. APL recommends people take extreme caution when travelling near the right-of-way.

For updates to the schedule and construction activities occurring along the transmission line route, visit our website at
www.albertapowerline.com

If you have any questions or concerns, please contact us at:
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contactus@albertapowerline.com

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