

JUNE 2025

Big Rock Solar Connection Project

You are receiving this newsletter because you are near the Enerfin Energy Company of Canada’s (Enerfin) Big Rock Solar Connection Project, and we want your input.

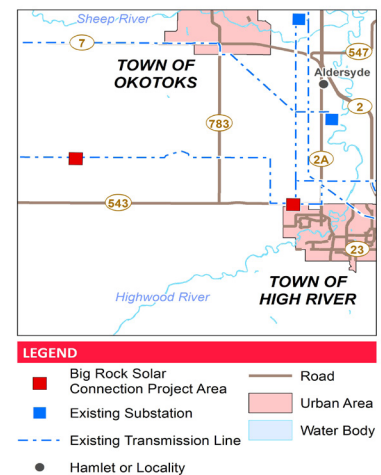
To connect Enerfin’s Big Rock Solar Connection Project to the grid, AltaLink is proposing upgrades to its transmission system. The project is located in Foothills County, approximately 14 kilometres northwest of High River.

Although AltaLink’s project is required to connect Enerfin’s project, it is a separate project. Enerfin will consult separately on their proposed project. For more information about Enerfin’s project, see their contact information included in this newsletter.

Project details

To connect Enerfin’s Big Rock Solar Connection Project, AltaLink’s proposed project includes work in two separate locations – near Enerfin’s proposed Big Rock 1086S Substation and at AltaLink’s existing High River 65S Substation.

AltaLink is proposing to construct a new 138 kilovolt (kV) **transmission** line, modify existing transmission lines, upgrade and expand an existing **substation** and install a new **telecommunications tower**.



ANTICIPATED PROJECT SCHEDULE

<p>JUNE-JULY 2025 Notify and consult with stakeholders</p>	<p>SEPTEMBER 2025 File application with Alberta Utilities Commission (AUC)</p>	<p>AUGUST 2026 Start construction if project is approved</p>	<p>NOVEMBER 2026 Construction completed</p>
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Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.



Top photo: The proposed new monopole structures for 812L, 812BL and 727L.

Middle photo: The existing structure outside the High River 65S Substation fence proposed to be removed.

Bottom photo: The new telecommunications tower proposed for this connection project.

Work near Enerfin's Big Rock 1086S Substation

AltaLink's proposed activity near Enerfin's Big Rock 1086S Substation includes:

- Installing approximately 80 metres (m) of new single circuit 138 kV transmission line (to be called 812BL) between Enerfin's Proposed Big Rock 1086S Substation and AltaLink's existing 812L transmission line, including one monopole structure
- Modifying AltaLink's existing single circuit 138 kV transmission line (called 812L) by installing a new monopole structure where the new line connects
- Replacing two existing structures on 812L with two new monopole structures

The proposed structures will all be between 20 and 35 m in height and will be either wood or steel.

The new 812BL transmission line will require a 20 m wide **right-of-way**. A new 10 m wide right-of-way beyond the road allowance will be required adjacent to the new and modified structure on the 812L transmission line.

High River 65S Substation upgrade and expansion

To accommodate the connection of Enerfin's Big Rock Solar Project to the grid, upgrades are required at the existing High River 65S Substation. The proposed upgrades include:

- Installing a new 138 kV **circuit breaker** and associated equipment
- Realigning a portion of the existing 812L transmission line to connect it to the High River 65S Substation in a new location
- Expanding the fenceline on the north side by approximately 10 x 30 m to accommodate new equipment
- Salvaging an existing transmission line (called 894L) and one associated structure that will no longer be needed
- Modifying the existing 138 kV single circuit 727L transmission line connected to the substation by modifying one existing structure and adding one new monopole structure approximately 20-35 m tall that will be either wood or steel.

All of the proposed work in and around the High River 65S Substation will take place on AltaLink-owned land.

Telecommunications tower

The proposed telecommunications tower will:

- be located within Enerfin's Big Rock 1086S Substation in NE-20-19-1 W5M
- be a self-supported steel structure with triangular base
- be approximately 35 to 45 m in height (including the antenna and lightning rod)
- comply with Transport Canada's requirements regarding painting and lighting
- not be accessible to the public, as the structure will be inside the fenced area of an operating substation and only support AltaLink equipment at this time

Please see the maps included in this package for location details of all work that is proposed for this project.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to EMF and we take those concerns seriously.

Everyone in our society is exposed to power frequency EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as Health Canada and the World Health Organization (WHO) have been conducting and reviewing research on exposure to EMF for more than 40 years. Based on this research, these agencies have not recommended that the general public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines, including individuals that are located on the edge of a power line right-of-way.

If you have any questions about EMF, please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

Toll-free phone number: 1-866-451-7817



Radio Frequency (RF)

Telecommunication towers use Radio Frequency (RF) signals to transmit and receive information. The point-to-point signals travel along a focused path at low power levels and are well below recommended safety limits.

Licensed radio links on a telecommunications tower will not impact any other licensed telecommunication frequencies used by cellular phones, over-the-air television, satellite, radio, or GPS.

The telecommunication tower described in this notification will be installed and operated on an ongoing basis to be in compliance with Health Canada's Safety Code 6, which defines safe levels of RF exposure.

To ensure the structural adequacy of the tower, the design and installation will follow industry standards and sound engineering practices.

For general information relating to telecommunications systems, please contact:

Innovation, Science and Economic Development Canada

1-800-267-9401 (toll free in Canada)

Website: www.ic.gc.ca/towers

DEFINITIONS:

Transmission | *Transmission lines are Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of generation.*

Substation | *Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power. Substations include transformers that step down and step up the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.*

Telecommunications tower | *Telecommunications towers support equipment that transmits data to our system control centre. This allows us to monitor the operation of the electric system and ensure we provide safe and reliable power to our customers.*

Right-of-way | *The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.*

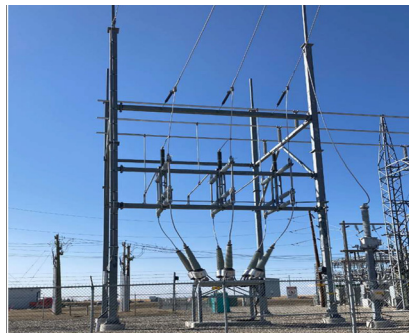
Circuit Breaker | *Circuit breakers are electrical switches inside a substation that protect substation equipment. Circuit breakers help ensure the safety and reliability of the electric system.*

INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- AESO need overview



Above: The existing High River 65S Substation



Above: The new circuit breaker will look similar to the picture above

Providing your input

We will contact landowners, residents, and occupants near the proposed project to gather input and address questions or concerns.

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. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process to consider facility applications*.

Information session

If you are interested in learning more about the project or have any questions, we will be hosting a virtual information session on July 10 at 6:30 p.m. To register for this session, please email stakeholderrelations@altalink.ca and we will send you more details.

OUR COMMITMENT TO SUSTAINABILITY

If the Alberta Utilities Commission (AUC) approves this project, you may see or hear construction crews in the area. We have set strict standards by which we operate, including restricting work hours to reduce the impacts to residents and businesses, ensuring safe construction practices and following environmental protection measures and appropriate environmental legislation. AltaLink believes that the environmental effects of this project will be negligible. This project is not located on federal lands, therefore Canadian Environmental Assessment Act, 2012 does not apply. AltaLink's safety standards and practices are developed to meet or exceed government guidelines and codes to ensure that our facilities meet the requirements for public, employee and neighbouring facility safety.

PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Personal Information Protection Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll free)

E-mail: stakeholderrelations@altalink.ca

To subscribe to this project:

visit www.altalink.ca/projects, search for the project title, and click 'subscribe to updates'

For more information about how AltaLink protects your personal information:

visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

To learn more about Enerfin Energy Company of Canada's project, please contact:

Morgan Grab

(403) 585-3413

E-mail: info@bigrocksolarproject.com

To learn more about Alberta's electric system and the need for the project, please contact:

Alberta Electric System Operator

1-888-866-2959 (toll-free)

Email: stakeholder.relations@aeso.ca

Website: www.aeso.ca

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

To learn more about the application and review process, please contact:

Alberta Utilities Commission (AUC)

780-427-4903 (toll-free by dialing

310-0000 before the number)

Email: consumer-relations@auc.ab.ca

The AUC ensures the fair and responsible delivery of Alberta's utility services. AltaLink submits applications for new transmission projects to the AUC and the AUC reviews them in a public process.

Let's talk transmission



www.facebook.com/altalinktransmission



www.x.com/altalink

