

DECEMBER 2024

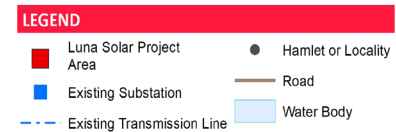
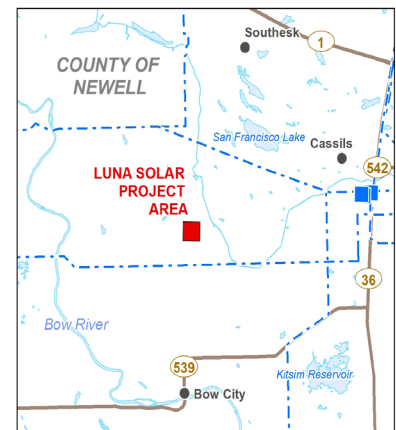
Luna Solar Battery Phase 1 Connection

You are receiving this newsletter because you are near the Luna Solar Battery Phase 1 Connection, and we want your input.

To connect Northland Power Luna I GP Inc.'s (Northland) proposed Luna Solar Battery Phase 1 Project to the grid, AltaLink is proposing changes to its transmission system. The project is located in the County of Newell, approximately 20 kilometres southwest of the City of Brooks.

AltaLink is proposing modifications to an existing transmission line, building a temporary transmission line and installing a new telecommunications tower to connect Northland's solar battery, substation and transmission line project to the grid.

Northland is consulting with landowners on its project separately. For more information about Northland's project, please see their contact information included in this newsletter.

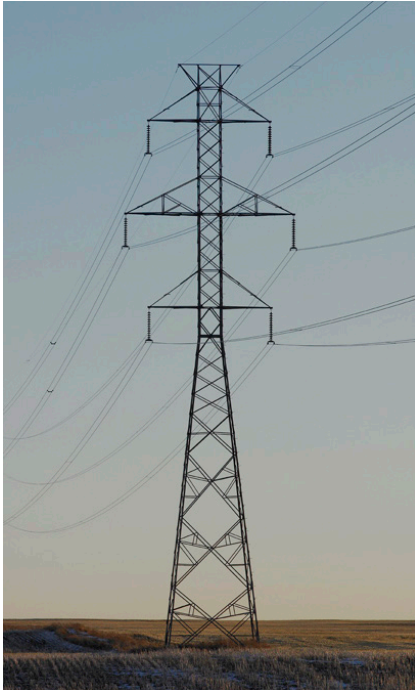


DID YOU KNOW? According to the Alberta Electric System Operator, a total of 14 new solar facilities, with a combined capacity of 512 MW, came online in 2023, increasing the total solar capacity to 1,650 MW by the end of the year.

ANTICIPATED PROJECT SCHEDULE

| | | | | | | |
|---|---|--|---|--|---|---|
| <p>DECEMBER 2024 - FEBRUARY 2025</p> <p>Notify and consult with stakeholders</p> | → | <p>MARCH 2025</p> <p>File application with Alberta Utilities Commission (AUC)</p> | → | <p>FEBRUARY 2027</p> <p>Start construction if project is approved</p> | → | <p>JUNE 2027</p> <p>Construction completed</p> |
|---|---|--|---|--|---|---|

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 new transmission structure will look similar to the above.

Bottom photo: The new telecommunications tower will look similar to the above.

Project details

As part of its Luna Solar Battery Phase 1 Project, Northland is proposing to build a new Apollo 1014S substation and a new transmission line to connect to AltaLink's existing 923L/935L transmission line. Northland is considering two potential sites and routes for its project. Only one of these options will be constructed based on the final site determined by Northland and approved by the Alberta Utilities Commission (AUC). More information about the project can be found in the maps included in this package.

To accommodate this connection, AltaLink is proposing to:

- add one new structure to its 923L/935L transmission line
- build approximately 800 metres of temporary transmission line to ensure a reliable supply of power during construction; this temporary transmission line will be removed once construction is complete
- install a new telecommunications tower within Northland's proposed Apollo Substation, which will be located at either SE-35-18-17-W4 or SE-36-18-17-W4

To facilitate the safe construction of the temporary transmission line, AltaLink may require temporary workspace. AltaLink will consult with all affected stakeholders regarding potential construction workspace.

Transmission structure

The proposed new structure on the existing 923L/935L will:

- be a steel lattice structure
- require approximately six metres of additional **right-of-way**
- be between 35 and 45 metres tall

Telecommunications tower

The proposed telecommunications tower will:

- be a self-supported steel structure with a triangular base
- be approximately 30 metres tall, 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 support AltaLink equipment only



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 make up 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 power generation including wind, solar, natural gas and more.*

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.*

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.*

Right-of-way | *The right-of-way (ROW) 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.*

**INCLUDED
IN THIS
INFORMATION
PACKAGE:**

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

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). The AUC ensures the fair and responsible delivery of Alberta's utility services and will review the application through a process in which stakeholders can participate.

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*.

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 Northland's project, please contact:

Northland Power Inc.

Samantha Brown

SABR Energy Consulting Inc., on behalf of Northland Power Inc.

E: sbrown@sabreenergyconsulting.com

P: 1-587-434-7547

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.

Let's talk transmission



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www.x.com/altalink

Sustainable
Electricity
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Chef de file en
matière d'électricité
durable

