

Wataynikaneyap Power selected PowerTel/Eptcon, subsidiaries of Cormorant Utility Services, to carry out specialized inspection, maintenance, and emergency response (IMER) activities.

The diagram is divided into three colored rectangular sections, each representing a different type of maintenance activity:

- Planned inspections of transmission line and substations:** This section has a green background. It contains a magnifying glass icon on the left, a substation transformer icon in the center, and a transmission tower icon on the right.
- Substation equipment testing and maintenance:** This section has a red background. It contains a wrench icon on the left and a substation transformer icon on the right.
- Emergency Response:** This section has a blue background. It contains an icon of a person wearing a hard hat and safety vest on the left, and a large warning triangle with an exclamation mark on the right.

25% of PowerTel's total work hours on Wataynikaneyap Power IMER activities will be performed by Participating First Nation members. PowerTel also has requirements around giving preference to Participating First Nation businesses for any tasks that they outsource.

PowerTel will support
Participating First Nation
members in substation
electrician and powerline
technician apprenticeships

For information on how to register
your Participating First Nation
business or joint venture, contact:



Add yourself to the Labour
Pool Database at:
www.oslp.ca/labour-pool

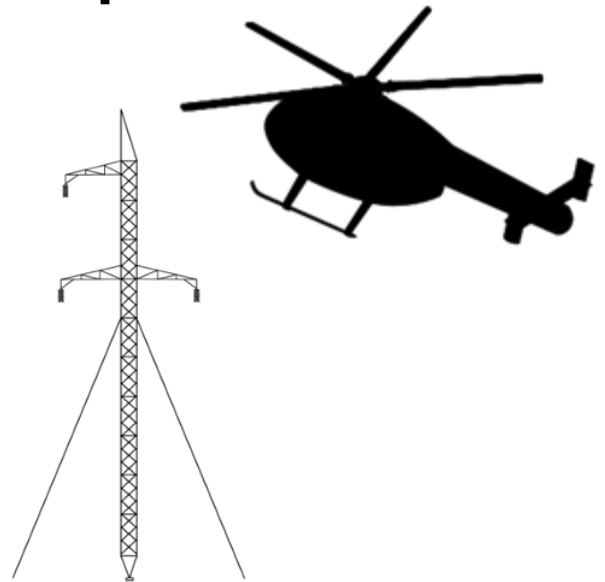
Interested in apprenticeship opportunities?

Contact:
807-577-5955
HR@wataypower.ca

Regular Inspection & Maintenance of the Wataynikaneyap Power Transmission System

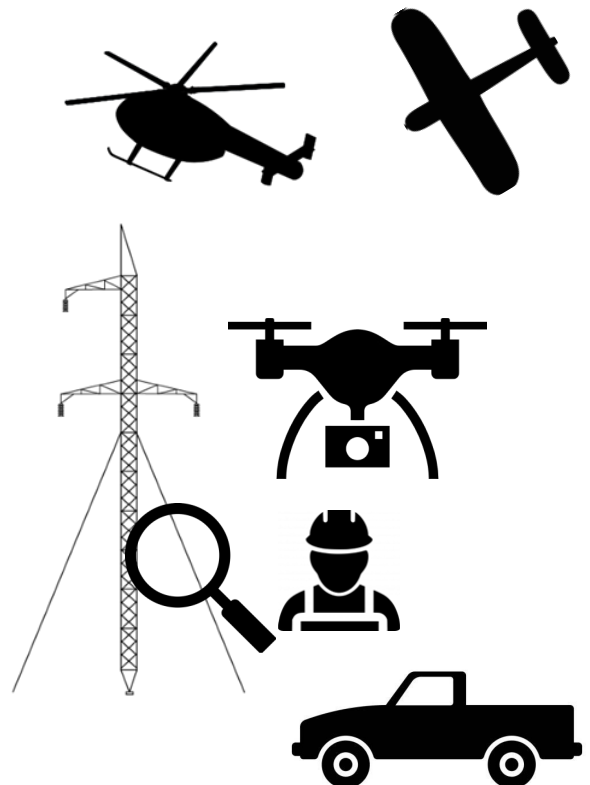
Transmission Lines – Aerial Inspections

How often?	Once a year
How?	Inspections will be done from a helicopter
Why?	Inspectors are looking for any signs of major damage or high-priority repairs that could be seen from the helicopter. They also look for any trees that could grow into the wires or fall onto and damage towers to decide if any <i>bamijikewin</i> (vegetation management work) is needed before the next planned cycle for each area.
Equipment & Materials	If repairs are needed, they will return to the location using ground access to bring in equipment and materials. The timing of the repair will depend on its severity.



Transmission Lines – Ground Inspections

How often?	Every 5 years
How?	Depending on the section of the line, inspectors may travel through the community airport and/or road networks; along the Right of Way by off-road vehicle; along access trails; and/or by helicopter. They will use a combined approach of drones and ground visuals to inspect the line and towers.
Why?	Inspectors look for signs of physical damage, like broken, missing or loose parts, and record the overall condition of major components in more detail than they do during aerial inspections.
Equipment & Materials	If repairs are needed, the work may be scheduled during the winter for access, or additional temporary access trails might be needed.



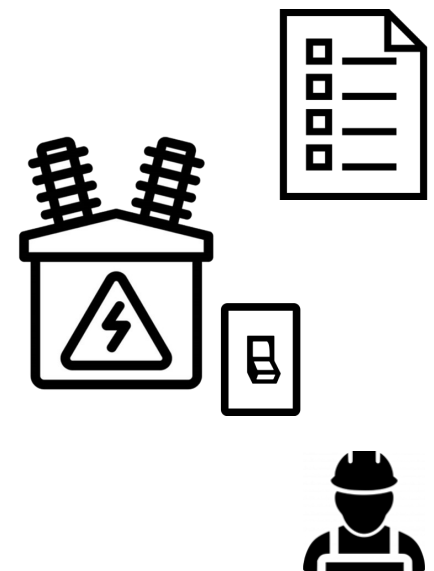
Substations— Visual Inspections and Minor Site Maintenance

How often?	3-4 times a year
How?	Most of the time, inspectors will travel by helicopter right to the substation; otherwise travel through the community airport and/or road networks will be needed to access the substation. Usually, it will take one day to inspect a substation and complete minor site maintenance.
Why?	Inspectors will look at the equipment's condition, record information on asset operation from gauges and counters, perform basic electrical tests, troubleshoot alarms, and perform minor maintenance that can be done without equipment outages. Inspect overall site condition, including fencing, stone covering and vegetation in and around the substation. Any issues are then prioritized for follow-up.



Substations— Detailed Testing and Maintenance

How often?	Every 4-6 years
How?	Most of the time, inspectors will travel by helicopter right to the substation; otherwise travel through the community airport and/or road networks will be needed to access the substation.
Why?	Larger substation equipment is removed from service (usually one piece of equipment at a time to avoid power outages). Detailed electrical and mechanical testing is performed on each piece of equipment while it is out of service to determine if any parts need to be replaced and to ensure that equipment performance continues to meet specifications.
Outages	Occasionally, planned power outages may be required during maintenance or repair to ensure worker safety and avoid equipment damage. Affected communities will be notified in advance of these planned power outages.



Notices of Work in your Area

Wataynikaneyap Power provides First Nation leadership with an advanced and reminder notices by email with what work will be done in your area. Details include travel information, how many crew members will be there, and if work will be done on the ground or by helicopter/plane. Wataynikaneyap Power works with OSLP on behalf of all Participating First Nations to identify important cultural/traditional activities and dates that should be avoided for planned inspection and maintenance activities. However, during an emergency there may not be notices. Alternate communication will be established with each First Nation.

Emergency Response

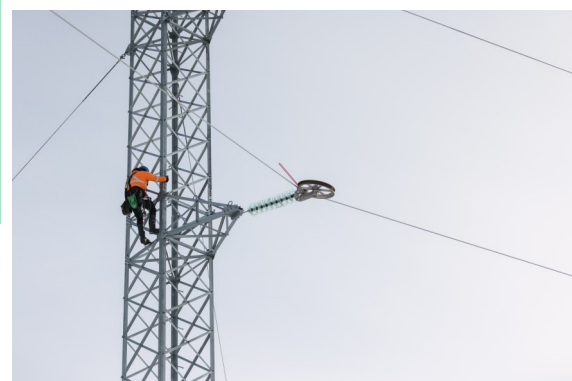
If an emergency response is required, it must be organized immediately. Wataynikaneyap Power personnel are on-call 24/7 for emergencies and the contractor and others to coordinate emergency response.

Do you have equipment or other resources that could assist with emergency response within your community? Contact Opiikapawiin Services to add yourself to the Business Directory (contact information on the first page).

Reporting Damage

If you see any damage on the transmission system, like a fallen tower or conductor (wire), do not approach. Call Hydro One Remote Communities at 1-888-825-8707 as soon as you are safely away from the transmission line and inform them where you were and what you saw. Always treat damaged transmission towers and conductors like they are dangerous and energized. Move at least 10 metres (33 feet) away.

Hydro One Remote Communities will inform Wataynikaneyap Power and Wataynikaneyap Power will respond to the situation.



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