

Halkirk 2 Wind Project

UPDATE



Aircraft Detection Lighting System Radar Tower & Substation Communications Tower for Halkirk 2 Wind Project

Capital Power is proposing to install a radar tower for the Halkirk 2 Wind facility's Aircraft Detection Lighting System (ADLS) and a communications tower at the Goldeye 620S Substation ("the Substation"). Capital Power is submitting separate Letters of Enquiry to the Alberta Utilities Commission (AUC) for these modifications.

We are providing you with details about these towers as one or both tower sites are located within 200 metres of your property. We are available to discuss any questions or concerns you may have about these modifications.



About Us

Capital Power is growth-oriented North American power producer, publicly traded (TSX: CPX), and headquartered in Edmonton, Alberta. We create innovative electricity solutions to electrify the world reliably and affordably while protecting the planet for future generations.

Powering a sustainable future for people and planet™



The radar tower proposed for Halkirk 2 Wind will look nearly identical to the radar tower pictured at Capital Power's Whitla Wind facility in SE Alberta.

Aircraft Detection Lighting System Radar Tower

The Aircraft Detection Lighting System (ADLS) radar tower will detect aircraft in the vicinity of the facility and activate the wind turbine's navigation obstruction lights only when necessary (if an aircraft is nearby).

The ADLS technology will eliminate the continuous flashing of the red lights located on the top of the wind turbine's nacelle and half-way up the towers, and only illuminate them when necessary to reduce the effects of the lighting on the community.

The ADLS radar tower is proposed to be in the SE corner of SE-11-40-15-W4M on RR 151. This was identified as the optimal location to ensure radar coverage of the entire Project area. The ~24-metre-high lattice tower will be mounted with a platform and radar unit. The tower is freestanding and does not require any guy wires or lights.

There will be a small cabinet located at the base of the tower for electrical and communications equipment, and the perimeter of the base of the tower will be surrounded by a chain link security fence.

Capital Power will also be applying to Nav Canada and Transport Canada for installation and use permits as well as Innovation, Science and Economic Development Canada (ISED) for the radio license to operate the radar.

Construction of the radar tower is expected to begin in Q2 2024, and the obstruction light mitigation equipment is targeted to be installed for the entire project by the end of 2024.

Transport Canada requires that wind facilities have navigation obstruction lights for the safe operation of aircraft near a wind facility. The requirements are set in *Canadian Aviation Regulation Standard 621 – Obstruction Marking and Lighting*.

Substation Communications Tower

Construction of the Goldeye 620S Substation located on RR 151 in the SW corner of SW-12-40-15-W4M began in November 2023. Capital Power is proposing to erect a 20-metre-high lattice tower within the approved Substation's boundary for communications with ATCO's nearby Tinchebray Substation. The tower will be located within the substation, east of the control building. The tower is freestanding and does not require any guy wires or lights.

Capital Power is proposing to install a 20-metre-high communications tower at the Goldeye 620S Substation like the 26-metre high tower pictured.



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be held in writing, in person or virtually through web-conference software.

AUC eFiling System

The eFiling System is the online tool that the AUC uses to manage applications and submissions in its proceeding-based review. The eFiling System gives access to all public documents associated with an application. The system is also used to submit your concerns and provide input to the AUC and can be used to monitor related proceeding filings. Those who do not have access to the internet can send submissions, evidence and other material by mail and the AUC will upload the submission on their behalf.

Step 5: Consultation and negotiation (if applicable)



The AUC supports efforts to reach a mutually agreeable outcome among the applicant and affected parties. The AUC encourages the applicant and those who have filed a statement of intent to participate to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, those matters will typically be addressed in an AUC hearing.

Step 6: The public hearing process



The AUC will issue a notice of hearing if a person with standing continues to have legitimate unresolved concerns with the application. The notice of hearing will provide a hearing date and location, or specify if the hearing will be held in writing or virtually. When the AUC holds a public hearing, registered parties are given the opportunity to express their views directly to a panel of Commission members. Any member of the public can listen to an in-person or virtual oral hearing. An oral public hearing operates similar to a court proceeding.

Participants in a hearing can either represent themselves or be represented by a lawyer. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

Cost assistance



A person determined by the AUC to have standing or a local intervener can apply for reimbursement of reasonable costs. Those who hire a lawyer or technical experts must be aware that while reimbursement for the costs of legal and technical assistance is available under AUC Rule 009: *Rules on Local Intervener Costs*, recovery of costs is subject to the AUC's assessment of the value of the contribution provided by the lawyer and technical experts in assisting the AUC to understand the specifics of the case. It is also subject to the AUC's published scale of costs.

People with similar interests and positions are expected and encouraged to work together to ensure that expenditures for legal or technical assistance are minimized and costs are not duplicated.

Step 7: The decision



The AUC's goal is to issue its written decision no more than 90 days after the close of record. The AUC can approve, or deny an application and can also make its approval conditional upon terms or conditions. AUC decisions are publicly available through the AUC website at www.auc.ab.ca.

Step 8: Opportunity to appeal



An applicant or participant in a proceeding may formally ask the Court of Appeal of Alberta for permission to appeal an AUC decision. An application for permission to appeal must be filed within 30 days from the date the decision is issued.

An applicant or participant in a proceeding can also ask the AUC to review its decision. An application to review a decision must be filed within 60 days from the date the decision is issued and satisfy the limited grounds described in AUC Rule 016: *Review of Commission Decisions*.

Step 9: Construction, operation and compliance



An applicant that receives approval to build and operate a facility from the AUC is expected to follow through on any commitments it has made to parties and must adhere to any conditions that were set out in that approval. If concerns about compliance with approval conditions and post-construction operations cannot be resolved with the applicant, they can be brought to the AUC's attention for consideration. The AUC has significant compliance and enforcement powers for all approved applications. Additional information is available on the AUC website.



The Alberta Utilities Commission is an independent, quasi-judicial agency of the government of Alberta that ensures the delivery of Alberta's utility services take place in a manner that is fair, responsible and in the public interest.

We are committed to ensuring that Albertans whose rights may be directly and adversely affected by a utility development project are informed of the application and have the opportunity to have their concerns heard, understood and considered.

Contact us

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