

Whitla Wind Project Update

Spring 2022

In December, we completed phases 2 and 3 of Whitla Wind making it the largest wind facility in Alberta.



Greetings from Capital Power!

On December 1, 2021, an additional 151 MW from Whitla Wind, located in the County of Forty Mile, Alberta, began commercial operations.

Following the completion of phases 2 and 3 of the project, Whitla Wind is

now Alberta's largest wind facility at 353 MW. The \$253 million project was completed on schedule and under budget.

We appreciate your patience and support throughout a busy development and construction period of the project. Now that COVID-19 restrictions are lifting we look forward to celebrating the completion of the project together sometime in 2022. An invitation will be forthcoming.

We look forward to many years of being your neighbour and contributing to the local community.

Lyle Poitras, Whitla Wind Site Manager
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Whitla Wind provides renewable energy to MEGlobal and Dow Chemical

On March 18, 2022, we jointly announced a 10-year agreement with MEGlobal Canada ULC (MEGlobal) to purchase a significant share of renewable energy (126 megawatts) from our Whitla Wind facility. The renewable energy is expected to meet the power needs at MEGlobal's Canadian manufacturing facilities beginning April 1, 2022.

MEGlobal is a subsidiary of EQUATE Petrochemical Company K.S.C.C. (EQUATE) and part of the EQUATE Group. MEGlobal has three operational sites in Alberta, located in Fort Saskatchewan and Lacombe County. These facilities produce ethylene glycol that is used to make essential products such as clothing, coolants and construction materials.

On September 15, 2021, we announced a 15-year renewable power purchase agreement with Dow Chemical Canada ULC, a subsidiary of Dow, for 25 MW of capacity and the associated environmental attributes from our Whitla Wind facility.



Aircraft Detection Lighting System Update

Commissioning of the Aircraft Detection Lighting System (ADLS) began late last year but was not fully operational by the end of 2021 as planned.

The schedule was primarily impacted by supply, scheduling and network configuration issues that needed to be resolved for integration with Phase 1. Work is nearing completion for the system to be fully functioning in the coming months. We recently conducted daytime test flights to verify radar settings and configurations. Nighttime test flights are scheduled for late March.

In total, the required lighting is installed on 30 of the project's 98 wind turbines and once complete, ADLS will significantly reduce the effects of turbine lighting on the night sky in the project area.



Spring Reminder – Access Roads to Turbines

Whitla Wind has approximately 50 km of roads that are periodically used by crews maintaining the facility's 98 wind turbines. Please continue to keep access roads free and clear of farm equipment and do not plough through or seed access roads so our technicians and contractors have access to the towers.

Wildlife Monitoring

Capital Power will be completing its third year of our Post-Construction Monitoring Plan (PCMP) for birds and bats.

Alberta Environment and Parks (AEP) and the Alberta Utilities Commission requires Capital Power to complete five years of post-construction monitoring (minimum) with three years of overlapping monitoring for Whitla Wind Phases 1 and 2/3. The identified sample includes 20 of the 56 wind turbines from Whitla Wind Phase 1 and 13 of the 42 wind turbines from Whitla Wind Phases 2/3.

Capital Power has contracted WSP Golder to execute the PCMP. Biologists from WSP Golder started field work on March 1, 2022, at the selected 33 wind turbine locations. Pending

weather conditions, biologists expect to be in the field four days per week until October 30, 2022. This 35-week period includes the highest bat and bird activity.

Survey areas will include an ~86.5 metres radius around the turbine, which is equal to half the maximum height of the turbine. Please do not park farm equipment inside the survey area.

The results of the monitoring will be assessed by Capital Power and AEP each year to better understand the impact of the project on local wildlife, and to determine if operational mitigation is required.



Chemical Spraying

We know you're busy. For the health and safety of workers in the area, we'd greatly appreciate if you would contact Site Manager, Lyle Poitras if you're spraying in the vicinity of wind turbines. This will allow us to move our workers out of the area, if needed. If you see workers in the area, please let them know about your spraying activities for their awareness.



Where's the Line? Click or Call Before You Dig.



It's everyone's responsibility to know where the lines are before you dig. Keep yourself and those around you safe by submitting a line locate request online at Utility Safety Partners at www.utilitysafety.ca or call 1-800-242-3447 (Monday to Friday between 8 am and 4:30 pm). Underground utility services such as electricity wires and natural gas lines present significant hazards if struck.

At Whitla Wind there are approximately 200 km of underground high-voltage collector lines that tie the facility's circuits to the substation. Although landowners are continuing to receive IOPs with as-built data showing where underground utilities are buried, it's always a good idea to submit a free line locate request a minimum of three business days before planning any type of excavation to identify the location of buried infrastructure to prevent potential line strikes.

Supporting the Community

Capital Power has been actively supporting community organizations in the County of Forty Mile. We've recently provided funding to:

- Foremost Rodeo
- Bow Island Minor Baseball
- Forty Mile FCSS Community Free Family Skate

Reclamation Update

Following the lifting of the county's seasonal road ban, we'll resume site cleanup and final remediation activities in areas that were not completed in 2021.

Pending weather conditions, our contractors are planning to complete remediation activities beginning in June. We recognize that spring planting could be occurring at the same time and we will work to avoid interfering with this busy season.

Remediation work will consist of inspecting areas around the project's 42 wind turbines and completing repairs in addition to remediation work on some turbine pads and access roads.

Our commitment is to return disturbed land to an equivalent use similar to what existed prior to construction.

Request a donation

Capital Power provides support in the areas of Equity & Culture, Wellbeing and Climate Action. If you are a part of a community organization that operates in this area and have events or initiatives that support these focus areas, please consider requesting support through our on-line system on our website: www.capitalpower.com/sustainability/community/request-for-support

Meteorological Tower Safety Enhancement

To increase safety for low flying aircraft, including aerial sprayers and farm equipment, we increased the quantity of bright orange, high-visibility cable balls on the guy wires for Whitla Wind's two 105m high meteorological towers.

Survey Update

Survey work is continuing onsite to verify as-built Right-of-Ways (ROW) and install legal survey pins on public and private lands. Once activities are complete by a Certified Legal Surveyor and registered with Alberta Land Titles, landowners will receive supplemental IOP's including any revisions to disturbance areas. Capital Power anticipates activities concluding in late March.

Advancing to Net Carbon Neutral by 2050

At Capital Power, we create dependable, cost-effective and innovative electricity solutions to power a sustainable future for people and planet.

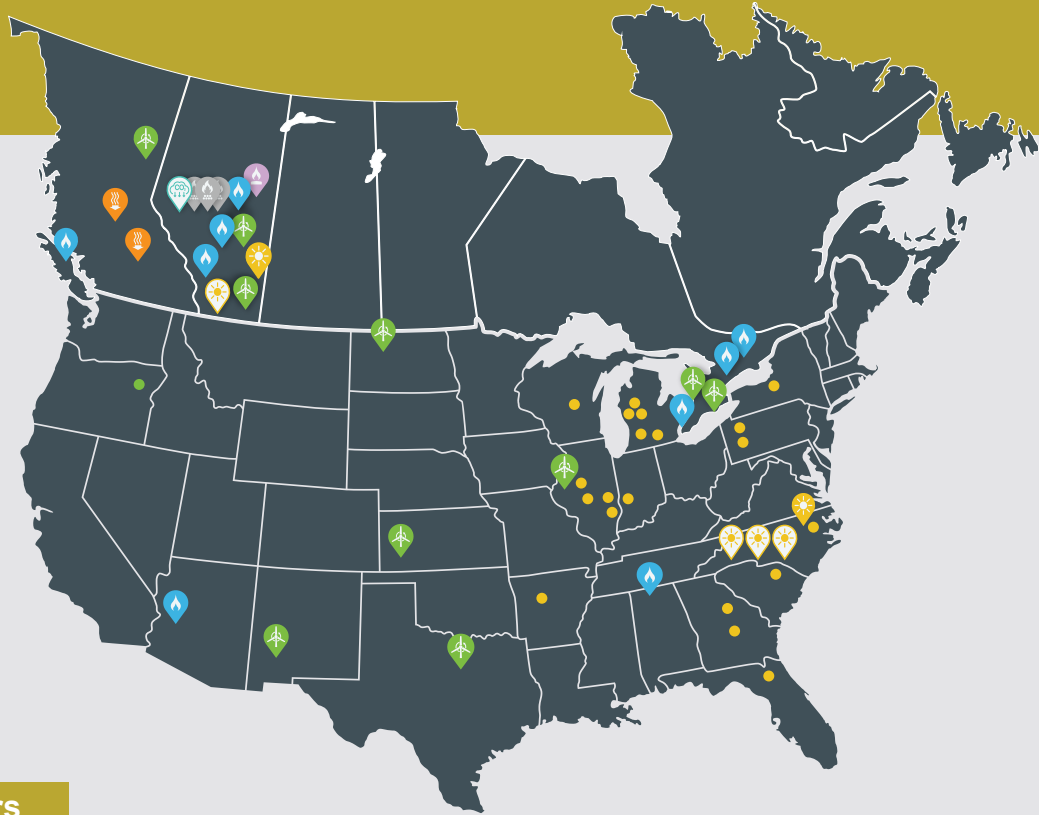
In operation



In advanced development



In early stage development



Capital Power by the Numbers

Around

6,600MW

Renewables in
Advanced Development

~385MW

in Alberta and North Carolina

Facilities

27



Employees

800



Site Contact

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