

New Frontier Wind Newsletter



Hello everyone,

I hope you are enjoying the summer, even with the hot, dry conditions that we've had this year. Fall, and all the work that goes with it, is just around the corner.

I'm happy to be reconnecting to provide you an update on the 99 MW New Frontier Wind Energy Facility. Since our

last newsletter in November 2021, we've been able to lift the COVID-19 restrictions placed on our site due to the pandemic. I'm very pleased to say that we continued normal operations throughout the high point of COVID infections.

As usual, we are taking advantage of the lower winds that we get in the summertime to undertake crucial maintenance and upkeep. A major project for us this year is a lightning protection upgrade. This will involve removing the single metallic grounding-wire that are in each turbine blade, and replacing these with two grounding-wires.

Lightning strikes are all too common in North Dakota, and with our 29 turbines being so tall, they're the perfect target. If lightning strikes the tip or the root of a turbine blade, there's a good chance the current will travel to ground without incident.

However, if the strike is in the middle of the blade, damage can result. We believe that adding a second wire will allow better conductivity for the lightning and less damage to our blades.

This project, along with other work, has meant our site was incredibly busy in July and August, with 35 technicians working throughout the facility.

Our annual maintenance shutdown also occurred in August. Unlike last year, this shutdown was only six hours. We will be back to the three-day shutdown next year, for more comprehensive maintenance work.

Capital Power continues to support community groups in the local area. In particular, I was delighted to present significant scholarships to two local youth attending Velva High School to continue their education. We're also proud to have supported Velva Youth Baseball, contributing to a new backstop, and also the McHenry County Fire Department with recent donations. More information on our community investment program is inside this newsletter.

I want to wish everyone a safe and happy close to the summer.

Travis McDermott
Site Manager, New Frontier Wind
tmcdermott@capitalpower.com

Capital Power – Powering a sustainable future for people and planet

Headquartered in Edmonton, Alberta, Canada Capital Power's 780 employees are working to grow the company to deliver long term value, protect the environment and help communities thrive. The company has 27 facilities throughout North America generating approximately 6,600 MW. We have expertise in both thermal and renewable assets.

Our wind energy fleet includes 10 facilities located in the United States and Canada. Combined, these projects generate over 1,360 MW of renewable energy. Solar energy has become a growing focus for us, with recently acquired development projects in the eastern United States.

We're laying the groundwork to meet our goal of being net carbon neutral by 2050. Our power generation facilities are a hub of innovation and we are continuously learning, adapting, and developing to create clean, reliable and affordable electricity. We report on our actions and performance and continue to evaluate and evolve our climate related reporting to clearly demonstrate our vision, purpose, strategy, and value creation.



Supporting the community

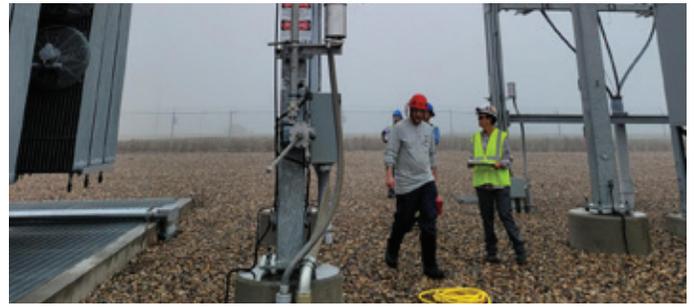
Capital Power has been actively supporting community organizations in McHenry County since 2015. The groups and activities that we've recently provided funding to include:

- Velva Youth Baseball
- The Cal Ripken U12 State Class Baseball Tournament
- After Prom and After Graduation Parties in Velva
- Velva Food Pantry
- Community Angel Tree in Velva
- Contribution toward new picnic tables in Velva Park
- Velva Fire Department
- Dollars for Scholars
- Souris Valley Care Centre

Capital Power is proud to support Velva Youth Baseball with a donation toward a new backstop. Site manager Travis McDermott poses with a number of big league hopefuls.

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 has events or initiatives that supports one or more of these focus areas, please consider requesting support through our online system on our website: www.capitalpower.com/sustainability/community/request-for-support



The seasons!

So much of our maintenance is conducted in the warmer months as the wind speeds are normally lower at this time of year. This is typically July to September. The windy months are from October to April.

Call before you dig

A friendly reminder to everyone to contact North Dakota One Call (811) if you're planning any sort of excavation.

A Growing Generation Fleet



Midland Cogeneration Facility

In July 2022, we announced the acquisition of a cogeneration facility located in Midland, Michigan. The 1,633 MW plant is fueled by natural gas, producing both electricity and steam, which is sold under contract to nearby industrial sites. The Midland facility is the largest gas-fired cogeneration facility in the United States. The acquisition was made in partnership with Manulife Infrastructure Fund.



Whitla Wind

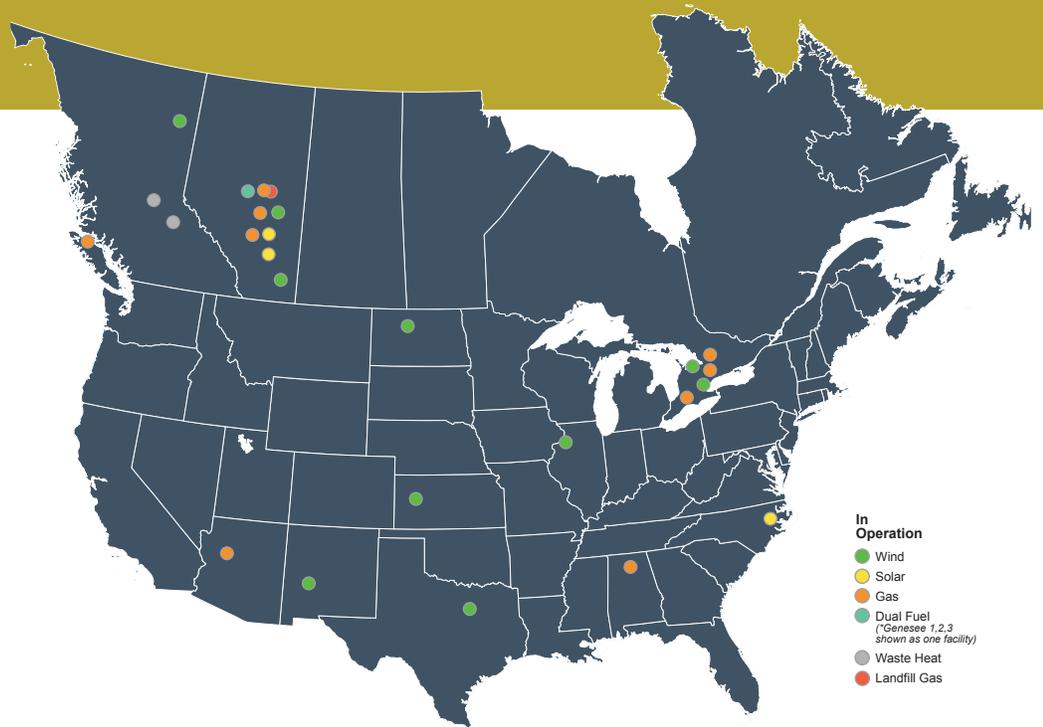
Whitla Wind is the largest wind facility in Alberta at 353 MW. Located in the south east of the province, the Whitla Wind facility was completed on December 1, 2021, when the Phases 2 and 3 expansions achieved commercial operations (Phase 1 began commercial operations on December 1, 2019). Construction of all three phases of the facility were completed on-schedule and on-budget.

Strathmore Solar

On March 17, 2022, Strathmore Solar, our first solar project in Canada, a 41 MW facility in Strathmore Alberta, began commercial operations.

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 generations to come.



Capital Power by the Numbers

Approximately

6,600MW

Renewables in Advanced Development

385MW

In Alberta and North Carolina

Facilities

27*



Employees

780



ESG Performance Reporting

We are committed to sharing transparent, accurate and detailed reports on our financial, environmental, social and governance performance. You can view our Integrated Annual Report, Climate Change Disclosure Reports and sustainability reports on our website: capitalpower.com/sustainability/sustainability-reports

Contact Information

New Frontier Wind
3096 Hwy 41
Ruso, North Dakota 58778
1-855-703-5005