

Great Plains Power Station in Moose Jaw

NEIGHBOUR OUTREACH

February // 2021

USING YOUR FEEDBACK

We met with neighbours over the past few years to share Great Plains Power Station plans. We anticipate breaking ground on March 15, 2021.

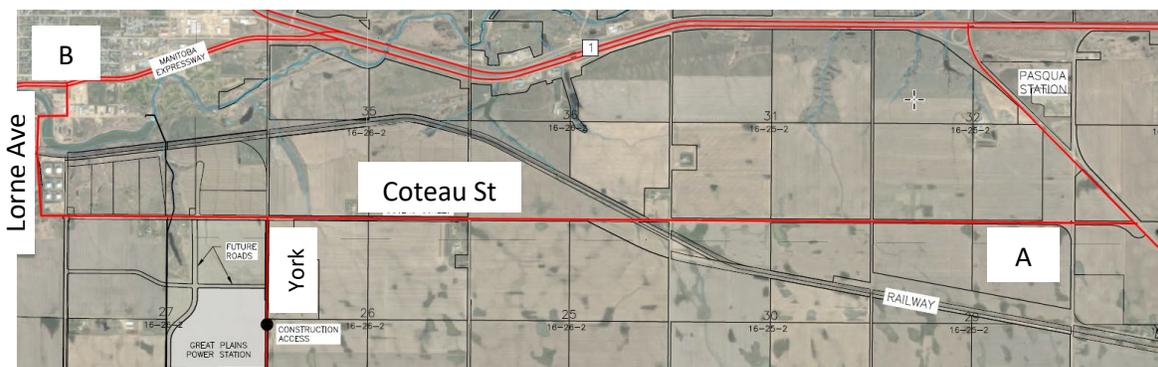
We want to address some of the common concerns, provide more construction details and introduce you to our design-build partner, Burns & McDonnell.

Please stay in touch as construction continues – we want to know about issues so we can help make them right.

1. TRAFFIC AND ROADS

Traffic and roads were a major concern to neighbours. Upgrades to roads and adequate dust control are key topics. We were asked to consider school bus routes and to avoid traffic through Wakamow Park. We've taken this feedback into consideration as we developed our plans.

Getting to site: Anyone travelling from Moose Jaw will be directed to site via Lorne Avenue and Coteau Street (see "B" on the map below). For those coming from Highway 1 or east of Moose Jaw, they'll access the site from Highway 39 and Coteau Street (see "A" on the map below). We'll discourage travel through Wakamow Park unless workers are staying in the campground.



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Contact SaskPower at PublicConsultation@saskpower.com

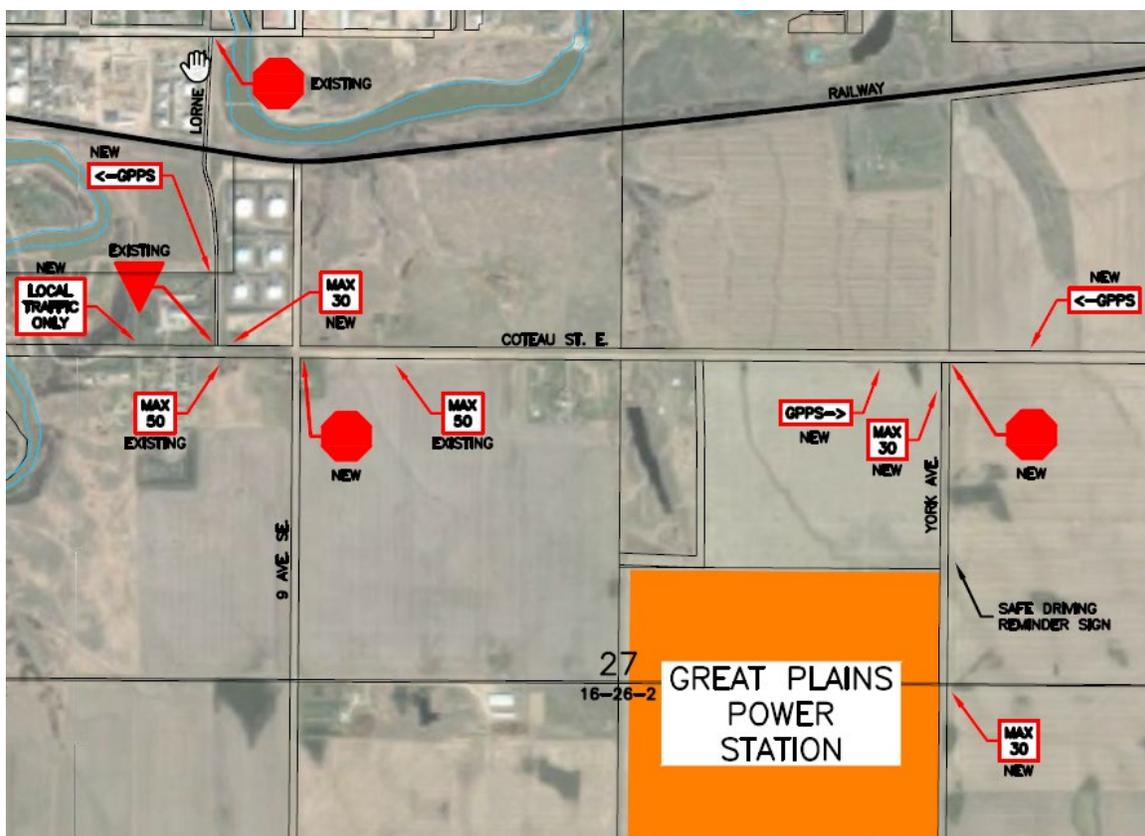
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Traffic Signs: We'll strongly encourage workers to follow designated traffic routes and obey the rules of the road during site orientation. We've recommended new speed limit and stop signs at York Avenue & Coteau Street, and at 9th Avenue & Coteau Street. We may post radar speed signs so drivers are reminded to slow down while driving. These plans are under review with the City and RM. We welcome other ideas.



We will also add signs directing traffic to site on Highway 39. If you'd like to see the traffic sign recommendations around Highway 39, let us know.

School Bus Routes: There are concerns about children travelling by bus in the area. We reached out to the Prairie South School Division for an updated bus route map. The school buses will be in the area on school days between 7:55 - 8:15 a.m. and 3:55 to 4:15 p.m. Shift changes at site will avoid these times.

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Road upgrades: SaskPower has worked with the City and the RM of Moose Jaw to address concerns related to drainage, snow accumulation and road surface quality. We're investigating a 24" clay cap gravel upgrade on Coteau Street between Lorne Avenue and the Canadian Pacific rail crossing. These plans are under review with the City and the RM.

Dust control: We recognize the road work in 2020 caused considerable dust in the area. We've continued talks with the RM of Moose Jaw and the City about minimizing dust. Our current plan includes two to three applications of dust control (Magnesium Chloride) on Coteau Street per year from Lorne Avenue to Highway 39. We'll monitor the situation and adjust as necessary. These plans are under review with the City and the RM. We'll look at Coteau Street west of Lorne Avenue with the City of Moose Jaw and consider applying dust control.

Snow removal: SaskPower is working with the RM of Moose Jaw to handle snow removal on Coteau as well. SaskPower may supplement snow removal with a contractor if required and permitted by the RM of Moose Jaw and City of Moose Jaw.

2. HOURS OF WORK AND ANTICIPATED WORKFORCE

Hours of work: During the first year of construction we'll work Monday to Friday between 7:00 a.m. – 5:30 p.m. There may be the odd Saturday as well. We heard concerns about working through the night. We may have to work evenings and weekends this fall to accommodate large foundation pours and the administration building erection.

During the remainder of the project we anticipate workers on site everyday between 7:00 a.m. – 5:30 p.m. There may be times we are required to work through the night, but this is not currently in the plan.

At peak construction there may be up to 500 workers on site each day. We anticipate these peak periods in December of 2022 and March of 2023.

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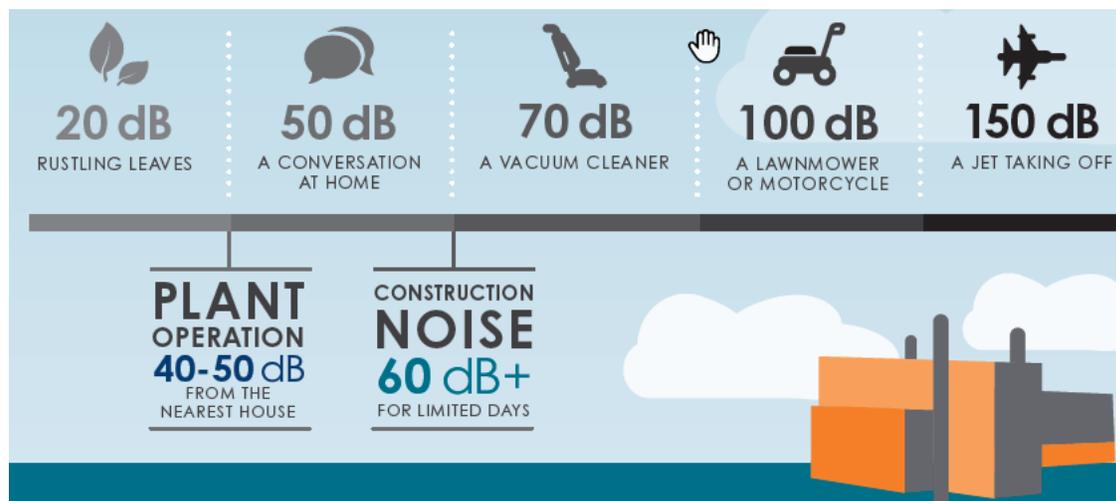
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3. CONSTRUCTION NOISE

We heard concerns about increased noise in the area from construction.

Pile Drilling supports a suitable foundation for the power station and takes around eight weeks to complete. We considered feedback on this noise and further evaluated how to minimize the noise from pile driving. We have modified our plans to use continuous auger cast piles (or continuous flight auger piles) rather than driven piles to help reduce the noise. Driven piles are hammered into the ground, whereas auger cast piles are drilled into the ground. We'll start the pile drilling in April 2021 and expect to complete the work during the day. We'll reach out if this timing changes.

Steam blows are a one-time event that happen after construction and prior to start-up. During this process we clean excess debris in steam lines to ensure the newly installed steam turbine can run smoothly. The process can take anywhere from 10 to 14 days. We'll use a silencer to keep noise levels low, but noise still may be slightly elevated. We will provide advance notice of steam blows.



Sound is measured in decibels (dB).

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4. LIGHTS AND LANDSCAPE PLANS



Lighting: We'll do our best to direct light from the power station construction away from residences to the north and east. To help reduce the impact of light, we're

- lowering the lumens;
- optimizing the layout and orientation of lighting fixtures; and
- using a more yellow light.

We'll use temporary lighting, like the image to the left to light up construction activities when dark. This mobile lighting can be adjusted vertically and can be set up to point light in a certain direction.

Let us know if you have lighting concerns during construction and we'll see what we can do to fix it.

Site drainage: It's important to ensure surface drainage plans don't impact neighbours. We've created plans for drainage during construction and operation of the power station. We'll manage site drainage to avoid impacting our neighbours. If this is something you'd like to see or discuss further with us, let us know.

Construction fencing: During construction, the site will be fenced. This will help prevent wildlife from entering the construction site. We'll be watching for birds and other wildlife on our property during a weekly assessment. We'll follow our Environmental Beneficial Management Practices to protect any nests identified.

Construction garbage: We take our environmental responsibility seriously, including littering. We'll review this with workers during site orientation. Construction fencing will be set up in May and should help minimize construction materials accidentally blowing off our property.

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Berms: We were asked to consider berms and vegetation as part of our landscape plan. The image below is what we'll be working towards. We'll install a screening berm and plant a row of trees along the west part of our property near the end of construction. The trees will be a mix of Scots Pine and Blue Spruce.



5. TRANSMISSION LINE

We worked with landowners to determine a preferred route for the transmission line. We'll continue to work with impacted landowners on structure placements. Construction of this line is scheduled to begin in the fall of 2022.

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6. CONSTRUCTION ACTIVITY SCHEDULE

Great Plains Power Station Moose Jaw, SK	2021												2022												2023												2024											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
SaskPower Road Work																																																
City Services (Water/Sewer)																																																
Break Ground/Site Preparation																																																
Piling																																																
Warehouses																																																
Administration/Water Treatment Building																																																
Foundations and Underground Work																																																
Heat Recovery Steam Generator (Boiler)																																																
Gas Turbine																																																
Steam Turbine																																																
Air Cooled Condenser																																																
Transmission Line																																																
Start-up / Commissioning																																																
Steam Blows																																																
Great Plains Power Station In Service																																																

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