

Get familiar with the
**CONDIE TO EVRAZ
POWER LINE PROJECT**



Example of what the transmission line SaskPower's building will look like

WHAT WE'VE DONE TO DATE

Between December 2019 and February 2020, we presented a study area to stakeholders for comments.

Through mailouts, emails, phone calls and a project site office, we were able to reach about 50 stakeholders. The common theme from feedback received includes concerns about potential impact on land use and challenges with moving large farm equipment around power line structures.

We also received the following route suggestions:

- Parallel the existing 138 kV line on the north side
- Parallel the existing 138 kV line on the south side
- Parallel the existing 230 kV line and CPR rail line
- Road allowance north of existing 230 kV line
- Road allowance on Armour Road

Finding an ideal route for a transmission line is never easy and there are pros and cons for every option. After a thorough assessment, the **road allowance along Armour Road** stands out as the preferred option.

WHY ARMOUR ROAD?

Our process incorporates many perspectives to better understand potential effects of a transmission line. These considerations include: technical, land use, environment, social, Indigenous knowledge and cost. We also took stakeholder feedback on what we should consider when routing this power line.

Compared to other locations in the study area, the Armour Road route has the least impact overall and best meets our technical requirements.

- Allows the new line to cross the CN railway and bypass at about a 90-degree angle. This is ideal for engineering design and construction.
- Less area taken out of agricultural production.
- Reduced impact on private properties.
- One less power line to work around while operating large farm equipment.
- Low risk to environmental features and heritage resources.
- Low impact to traditional Indigenous practices such as hunting, fishing, trapping, ceremonial and spiritual uses.
- Cost effective to build and maintain in the long term.

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WE'RE INVESTING IN SASKATCHEWAN'S POWER FUTURE

SaskPower is putting time, effort, and money into building and growing Saskatchewan's power system for the future. In the future, customers will use more power. More attention will also be paid to renewable energy. That's why SaskPower needs to improve its electrical system to meet these needs.

SaskPower may need to spend \$1 billion per year to help make the electrical system better. This will allow us to add more renewable and natural gas generation options, as well as update the grid's ability to handle these options. It will also help update aging infrastructure. We will end up with cleaner, more reliable power for our customers.

ABOUT THE PROJECT

SaskPower is building a 10-km transmission line north of Regina to support EVRAZ's growing power needs and accommodate future growth in the area.

The new line is a single circuit 138 kilovolt (kV) power line. It will connect our Condie switching station to a new substation in EVRAZ's yard.

WHY IT'S NEEDED

- Increase in power needs at EVRAZ melt shop.
- Existing line cannot handle the additional power needs and cannot be upgraded due to technical challenges, safety and reliability risks.

WE WANT YOUR INPUT

If your land is impacted, a SaskPower Land Specialist will contact you to discuss further. You can also reach us by email or phone. Right now, we're looking for your feedback on:

- Facilities on your land.
- How the project might affect you.
- How we can lessen effects.

We promise to work with you to see how we can best accommodate your concerns as this project progresses.

TIMELINE

We expect construction of the line outside of EVRAZ to start in the spring of 2021 and completed in the fall of 2021.

WHO'S BUILDING THE PROJECT?

We expect that SaskPower crews will build this line if schedules and workload allow. If not, we may need to hire a contractor to do the job.

STRUCTURES ON YOUR LAND

Landowners play a key role in helping us bring power to homes and businesses in Saskatchewan. We're committed to working with you.

On private land, the route is shown as a 300-metre wide corridor. Engineering design will narrow that down to a 30 m right-of-way. If structures are placed on your land, we will work with you to understand structure placement impacts within the right-of-way. After that, we'll need to register easements to secure the right-of-way. With the easement, we provide fair compensation based on the size and number of structures, current land use and market value.

STRUCTURE DESIGN

Single pole galvanized steel structures will be used for this project in the road allowance and on private land.

138 KV CLEARANCE OF POWER LINE

Over farmland – 7.5 metres (24.6 feet)
Over highways – 7.8 metres (25.6 feet)
Over railway – 8.7 metres (28.5 feet)
Over high load corridors – 10.65 metres (34.9 feet)

Standard Right-of-Way Width: 30 metres








CONTACT US

Phone: **1-833-223-3370**

Email: **PublicConsultation@SaskPower.com**

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ROUTING CONSIDERATIONS

Consideration	Description
 ENVIRONMENT	<ul style="list-style-type: none"> Archaeological resources including cultural artifacts, cairns, physical remains etc. Environmental features including wetlands, waterbodies, rare and endangered plants and animals and their habitats.
 INDIGENOUS KNOWLEDGE	<ul style="list-style-type: none"> Indigenous communities provide invaluable knowledge to us. This comes from their long history with natural surroundings through hunting, fishing, trapping, ceremonial and spiritual uses.
 LAND USE	<ul style="list-style-type: none"> How resources or access to resources may be affected, whether it's farming, hunting/trapping or commercial operations.
 SOCIAL	<ul style="list-style-type: none"> The value of landscapes, points of interest, economic benefits to local communities, job opportunities and recreation activities.
 TECHNICAL	<ul style="list-style-type: none"> This includes engineering and construction standards.
 COST	<ul style="list-style-type: none"> Cost to build and maintain the project.
 OTHER	<ul style="list-style-type: none"> What else should we consider?