

# Stony Brook Station

Manitoba Hydro is planning to build an electrical station in the RM of De Salaberry, northwest of Kleeefeld.

## Why do we need it?

Electricity demand in southeastern Manitoba has grown at over twice the Manitoba average for the past 10 years. Due to this rapidly growing use of electrical power in the area, it is now necessary for Manitoba Hydro to build a 230 to 66-kilovolt (kV) electrical station. This station will lessen loads carried by three other electrical stations and will improve reliability of electricity delivery in nearby communities.

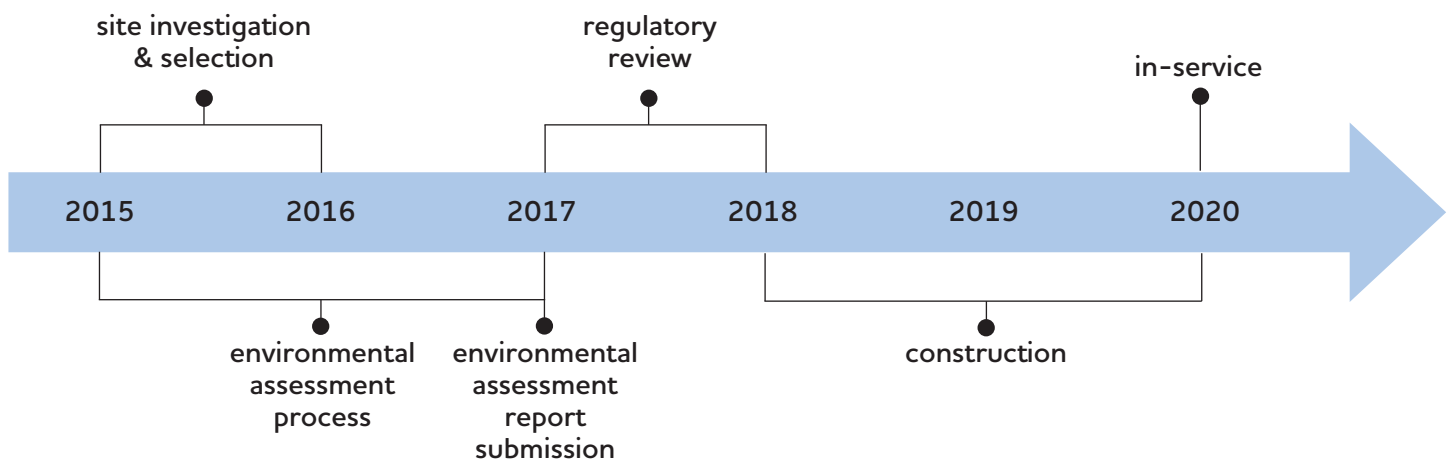
## What do we need to build?

The electrical station will consist of transformers that will step down electricity to then distribute for local use. It will connect to the St. Vital Transmission Complex (Licence received January 2017) and will deliver electricity through distribution lines (single wood poles) that will leave the station and follow existing roads to nearby stations to then distribute to local users. The station will be approximately 150 square meters in size and will be fenced for public safety.

## When do we recommend the station be built?

The anticipated in-service date for the station is 2020. When in-service, an aging station and transmission line near the City of Steinbach will be decommissioned.

The following are anticipated timelines associated with the project and are subject to change.



**Attend the  
Stony Brook Station  
drop-in open house**

**Wednesday  
July 12, 2017**

**12:00 p.m. - 7:00 p.m.**

**Kleeefeld Recreation  
Centre**

## Where would it go?

The site for the electrical station is on 5.5 acres of land located on NE35-06-04E1 (located two miles east of the Highway 59 and Highway 52 junction). Manitoba Hydro is working with the landowner to purchase the land required for the proposed station.

## How did we determine a site for the station?

Manitoba Hydro aimed to balance different concerns and preferences as to where the station could be located. Different considerations in the decision-making process for the site's location included, but are not limited to:

- biophysical concerns (e.g. species at risk, wildlife),
- socio-economic aspects (e.g. heritage sites, subdivisions),
- project management (e.g. schedule, cost),
- property related concerns (e.g. land use, existing infrastructure),
- station layout and design (e.g. placement, access, future planning),
- transmission line planning and design (e.g. load concerns, future development, standards), and
- distribution line and station planning (e.g. road access, load growth needs).

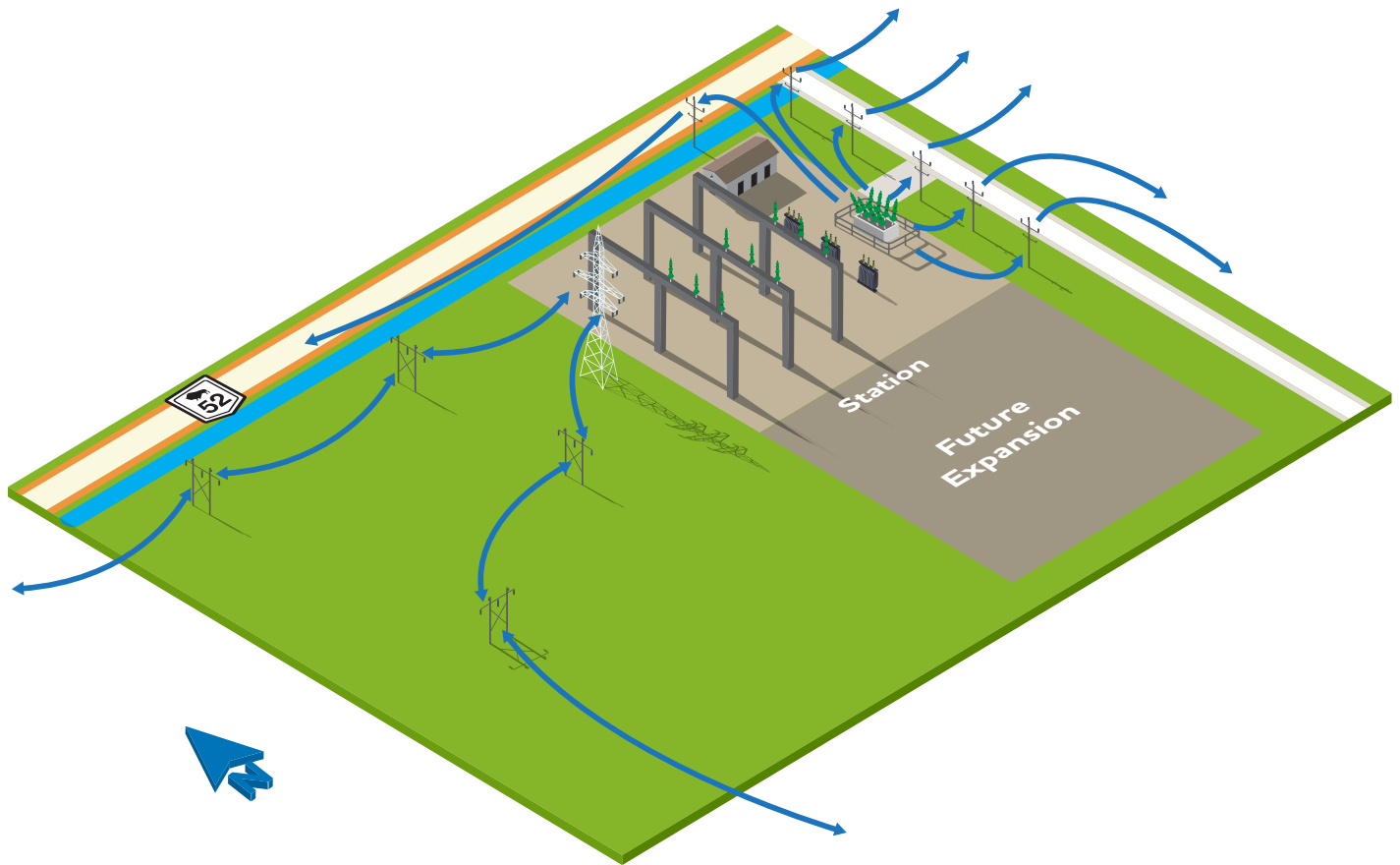
Manitoba Hydro considered feedback received from the public and from previous projects in the community.

Manitoba Hydro has determined that the proposed site best balances the above considerations and will best serve the communities who will benefit from enhanced reliability of their local electrical network.



## What is a 230-66-kV station?

This station receives 230-kV electrical power and converts it to lower voltage (66-kV) so it can be sent on lower voltage power lines for use nearby.



Graphic representation only. Diagram not to scale.

## What is an environmental assessment?

The development of the project will require a Class 2 Licence under *The Environment Act* (Manitoba). The environmental assessment for the project includes characterizing the environment, identifying potential effects on people and the environment, and determining ways to avoid or mitigate potential negative effects while enhancing beneficial effects. Manitoba Hydro will submit the environmental assessment report to Manitoba Sustainable Development for review and approval.

## What potential effects are considered?

Manitoba Hydro will review different potential effects of the project on the environment including social and biophysical effects. The following chart outlines a few examples of potential project effects and how Manitoba Hydro works to minimize those effects.

Potential effect	Mitigation measure(s)
Permanent loss of land due to presence of the station	<ul style="list-style-type: none"><li>Manitoba Hydro purchased the property to avoid impact on the previous owner.</li></ul>
Increased traffic in the vicinity of proposed project during construction	<ul style="list-style-type: none"><li>Obtain all necessary approvals and permits from Manitoba Infrastructure and Transportation.</li><li>Ensure any necessary transportation signage is in place prior to construction.</li></ul>
Disturbance of bird nesting/active bird nests during construction	<ul style="list-style-type: none"><li>Follow nesting periods and minimize construction noise/activity as required.</li><li>Complete preconstruction nesting surveys if above timing windows cannot be followed.</li><li>Use nesting deterrents if required.</li></ul>

## What information is Manitoba Hydro looking for?

To help enhance our environmental assessment work we are asking for local knowledge of the site and the surrounding area to understand potential effects the project may have on people and the environment. We are looking for information regarding the use of adjacent land and any other information you believe may help us better understand this area.

## Contact us

If you have questions about the project or would like to share your feedback with Manitoba Hydro, please contact us.

**Email:** [LEAprojects@hydro.mb.ca](mailto:LEAprojects@hydro.mb.ca)

**Phone (toll free):** 1-877-343-1631

### Mail:

Stony Brook Station Project  
Licensing & Environmental Assessment Dept.  
820 Taylor Ave (3)  
Winnipeg, Manitoba R3M 3T1

Available in accessible formats upon request.

