

PASQUA TO SWIFT CURRENT 230KV TRANSMISSION LINE PROJECT

Updated December 2015

PROJECT NEED & DESCRIPTION

SaskPower is planning construction of a new double-circuit transmission line from the Pasqua Switching Station (east of Moose Jaw) to the Swift Current Switching Station (west of Swift Current). Construction of the new transmission line is necessary because:

- The existing single-circuit 138kV transmission lines connecting the Pasqua, Chaplin and Swift Current Switching Stations are nearing the end of their life expectancy;
- Planned addition of approximately 350MW of new natural gas generation near Swift Current and 175MW of new wind power generation near Chaplin;
- Load in the Swift Current area is forecast to increase; and
- Export capability to Alberta.

One circuit will be energized at 230kV and connect directly between the Pasqua and Swift Current Switching Stations. The other circuit will be energized at 138kV, and will connect the Pasqua and Swift Current Switching Stations with the Chaplin Switching Station.

Consultation on this project has been ongoing since March 2013. With the participation and cooperation of our stakeholders and based on assessment of agricultural, socio-economic, environmental, engineering and archaeological considerations, a preferred route has now been selected.

For additional information on this project, please contact SaskPower's Stakeholder Engagement and Consultation department by email at: publicconsultation@saskpower.com or by telephone at: 1-855-566-1008

ENVIRONMENT ASSESSMENT & APPROVALS

The proposed transmission line will be evaluated to determine if it requires a submission to the Ministry of Environment under The Environmental Assessment Act and will follow the environmental assessment and approvals process which includes:

- Compliance with all regulatory requirements (municipal, provincial and federal);
- Consultation with provincial and municipal officials, landowners, Aboriginal groups and other affected stakeholders as applicable;
- Environmental assessment analysis using existing information (database, satellite imagery) and field surveys;
- Developing a plan to mitigate or avoid impacts to rare and endangered species and their habitats, and sensitive landscape features (i.e. sand hills, wetlands, native prairie, heritage resources);
- Maximizing the use of existing right-of-ways and previously disturbed areas where possible; and
- Accommodating local land uses and infrastructure.

SaskPower's goal is to minimize project impacts on the physical, biological and socio-economic environment of Saskatchewan.

Consultations are currently underway and landowners and members of the general public are encouraged to provide their comments and suggestions on the project. These comments and other inputs SaskPower receives are taken into consideration when making final decisions on the project.

PASQUA TO SWIFT CURRENT 230KV TRANSMISSION LINE PROJECT

Updated December 2015

STRUCTURE DESIGN

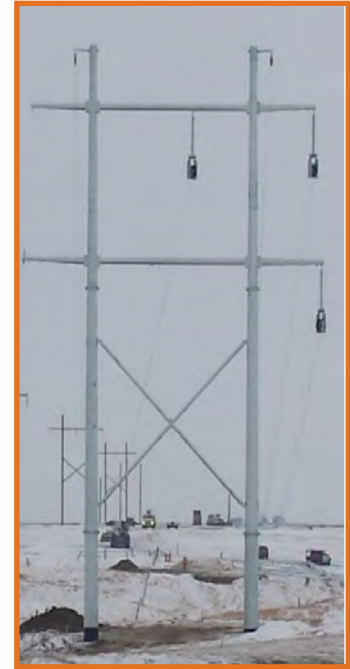
Galvanized Steel H-Frame tangent structures will be used for this project.

230KV RIGHT-OF-WAY WIDTH

H-Frame standard width is 40 metres (131 feet).

230KV MINIMUM CLEARANCE OF CONDUCTOR

OVER FARMLAND	8.1 METRES (26.6 FEET)
OVER HIGHWAY	8.4 METRES (27.6 FEET)
OVER RAILWAYS	9.3 METRES (30.5 FEET)
OVER HIGH LOAD CORRIDORS	11.25 METRES (36.9 FEET)



230kV Double Circuit
Galvanized Steel H-frame Tangent Structure

CURRENT PROJECT SCHEDULE

Preliminary Route Selection Studies	2012-2013
Public Consultation and Further Route Selection Studies	2013, 2014, 2015
Technical Proposal Submission to Ministry of Environment	January 2016
Environmental & Archaeological Fieldwork	April – September 2016
Easement Acquisition	August 2016-July 2017
Final Transmission Line Design	September 2016- June 2017
Transmission Line Construction	November 2016-June 2018
Energization	June 2018
Decommissioning and salvage of old S1C and P1C transmission lines	November 2016-June 2018

PASQUA TO SWIFT CURRENT 230KV TRANSMISSION LINE PROJECT

Updated December 2015

