

# 32 AVENUE NW

## Transmission Line Alteration

### PROJECT HISTORY

In 2014, a fault occurred on a 69kV underground transmission cable feeding ENMAX Power Corporation's (ENMAX) No. 34 Substation along 32 Avenue NW. ENMAX undertook an emergency replacement to restore the line to service by installing a portion of double circuit overhead transmission line. This restoration work included the installation of five wood transmission poles (wood poles) and one self-supporting steel monopole (monopole) along the south side of 32 Avenue NW, and two additional wood poles west of ENMAX's No. 34 Substation.

### PROJECT OVERVIEW

At the time of the emergency repair, ENMAX committed to stakeholders and the Alberta Utilities Commission (AUC) that it would apply to construct a permanent underground line (the Project) after power had been restored. ENMAX intends to apply for approval to replace the overhead line with an underground solution; however, the AUC may determine that the existing overhead configuration remain permanently.

The Project, if approved, would include the removal of the existing overhead structures (nine wood poles and one monopole), the construction of an underground duct bank, and the installation of underground cable. ENMAX will install one wood pole and two new monopoles at 39 Street NW to accommodate the overhead to underground transition of transmission lines 69-21.61L and 69-16.60L. Two additional temporary wood poles will be installed to maintain the continuity of electric supply during construction. These temporary wood poles will be removed prior to construction completion. ENMAX will also make modifications within its No. 34 Substation yard to tie the underground transmission lines into the substation.

### TRANSMISSION STRUCTURES

The existing poles to be removed range from approximately 18 metres to 20 metres in height. The two new monopoles will range from approximately 16 metres to 18 metres in height. The new wood pole will range from approximately 18 metres to 19 metres in height.



EXAMPLE OF THE PROPOSED MONOPOLES

### PROPOSED SCHEDULE

ENMAX plans to file an application for approval with the AUC in Q1 2020. Subject to approvals being granted, construction is scheduled to begin in Q4 2020 with an expected in-service date before the end of 2020.

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### COMMITMENT TO COMMUNITY

ENMAX is committed to being a responsible corporate neighbour. Our commitment includes providing timely and meaningful engagement with stakeholders about projects. We provide opportunities for residents, occupants and landowners to be informed about projects, and to engage with us from the planning phase through construction.

### ABOUT ENMAX CORPORATION

ENMAX Corporation, through its subsidiaries, makes, moves and sells electricity to residential, small business and large commercial customers and is headquartered in Calgary, Alberta, with offices in Edmonton. ENMAX Power Corporation owns and operates transmission and distribution infrastructure in Calgary and ENMAX Energy Corporation owns diverse electricity generation facilities throughout the province. Through its subsidiaries, ENMAX offers a range of innovative energy solutions to over 667,700 customers across Alberta including electricity, natural gas, renewable energy and other services.

### CONTACT INFORMATION

Your input is valuable to us. We will ensure you get answers to your questions and your concerns are understood. For more information about the proposed project, please contact:

#### ENMAX POWER CORPORATION

Phone: 403-514-1471

E-mail: [stakeholderrelations@enmax.com](mailto:stakeholderrelations@enmax.com)

Website: [enmax.com/32Avenue](http://enmax.com/32Avenue)

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To learn more about the regulatory process, please contact:

#### ALBERTA UTILITIES COMMISSION

Phone: 403-310-4282

Email: [info@auc.ab.ca](mailto:info@auc.ab.ca)

Website: [auc.ab.ca](http://auc.ab.ca)

# 32 AVENUE NW Transmission Line Alteration

## 32 AVE NW 16.60L AND 21.61L TRANSMISSION LINE RELOCATION

