



BILD Calgary Region Bulletin 2018 - 50

From:	Kimber Higa, Manager, Policy & Standing Committees
Date:	November 20, 2018
Subject:	ENMAX Transformer Protection Implementation

Due to safety concerns arising from energized transformers that have been damaged in active construction zones, ENMAX Power Corporation has issued a notice to the Calgary Development Community regarding new protection requirements.

As of **December 1st 2018**, ENMAX will not energize any transformer that it deems to be inadequately protected. Effective immediately, appropriate discussions should be occurring at pre-construction kick-off meetings to address details and confirm the requirements on this subject.

ENMAX will accept temporary metal fencing or concrete/jersey barriers as acceptable means of protection. Alternative means of protection must be approved by ENMAX Power Corporation. If ENMAX determines that the transformer is not adequately protected to mitigate risk, the placement of transformers and energization will be delayed.

The full notice from ENMAX, including protection minimum requirements and fencing details, can be viewed [here](#).

In addition to the information contained in the notice, the following implementation clarifications have also been provided by ENMAX:

- ENMAX requires that the protection remain in place until the damage risk has been reduced. The risk will be assessed based on site specific conditions. Discussion at pre-construction meetings will be an effective means of clarifying appropriate and practical solutions. The risk will be associated to the activity happening around the transformer (i.e. earthworks, heavy machinery, material storage, etc.). This will be influenced by the location, such as in the case of lanes. ENMAX has avoided a prescribed approach so as to allow for flexibility and reasonableness.
- ENMAX expects that temporary removal of barriers may be required to facilitate construction activities. In these cases, on site discussions need to take place to mitigate the risk.

- The use of concrete barriers will not follow the same standard as the fencing details included in the ENMAX notice. Barrier placement would require that the access standard be met and there would be flexibility on placement relative to the risk. In laneway situations, the concrete barriers could be placed on two sides to allow for access and still be effective.

BILD CR is committed to supporting our members on this issue and would like to assist with the monitoring of the implementation. We encourage anyone to share their findings, solutions or issues so that we can follow up and request adjustments as needed.

Monitoring comments and feedback should be provided to sarah.champagne@bildcr.com.

Questions or concerns for ENMAX should be provided to Jordan Tu at 403-514-3132 or JTtu@enmax.com.