

PROJECT NOTICE

PROPOSED POUNDMAKER SUBSTATION PROJECT

EPCOR is proposing to build an electrical substation in northwest Edmonton to meet the increasing electricity demands in the area due to residential and industrial growth.

THE PROPOSED PROJECT

The proposed Poundmaker Substation project would involve the construction of a new substation in west Edmonton, at approximately 105 Avenue and 190 Street, east of Anthony Henday Drive. This new substation would be located on the same property as EPCOR's existing west Edmonton distribution station.

The new substation would take the electricity from the existing high voltage transmission line, transform it to medium voltage and distribute it to homes and businesses in northwest Edmonton improving capacity, quality and reliability of electrical supply to the entire region.

The proposed substation has an approximate footprint of 100 metres by 100 metres and would consist of high voltage switchgear (240 kilovolts) and two power transformers with a building to house medium voltage switchgear. For safety and security, an eight feet high chain link fence would surround the substation. The proposed substation would connect into EPCOR's existing overhead transmission line (240 kV) at two separate locations (see map below) and into an existing underground distribution system.

EPCOR expects to file an application with the Alberta Utilities Commission (AUC), which regulates the utility industry, requesting approval for the proposed project in October 2010. As part of the process, EPCOR is now consulting with the public regarding the proposed substation. The enclosed AUC brochure provides details on the regulatory approval process.

The Reason for the Project

With the rapid growth in northwest Edmonton, residential and industrial electricity demand continues to increase. The Alberta Electric System Operator (AESO) has established the need for electrical system reinforcement in the area. A new substation connecting into existing transmission and distribution lines is needed to ensure electricity customers in the area have a continuous and reliable supply of electricity.

The AESO expects to file a Needs Identification Document (NID) with the Commission in October 2010. The enclosed AESO notice provides further details on this need and the system operator.

The Proposed Location

The proposed substation would be built at approximately 105 Avenue and 190 Street, east of Anthony Henday Drive.

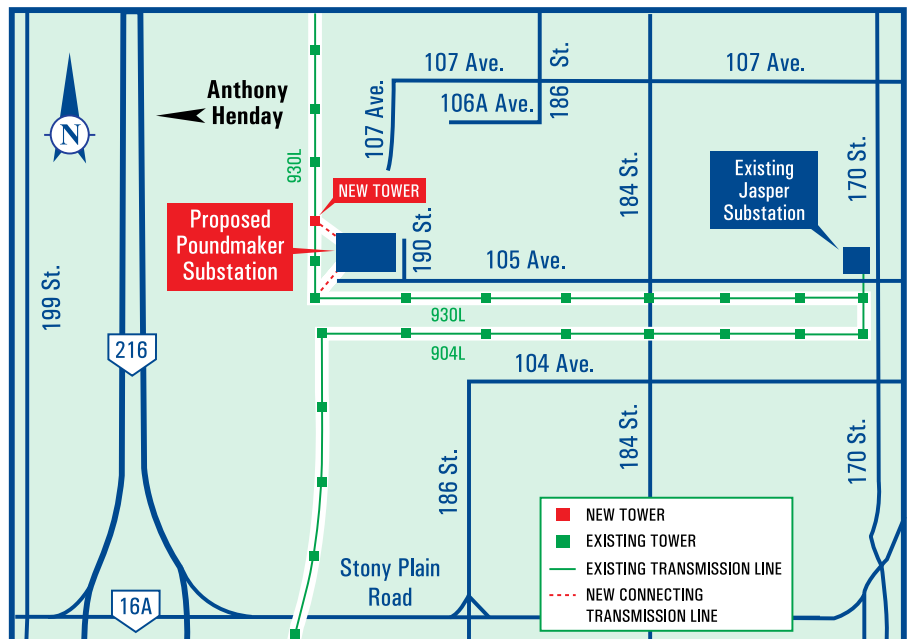
This location was chosen for three main reasons:

1. It would be constructed on EPCOR-owned land and would involve the least community disturbance both for construction and operation of the facility.
2. It would be centrally located to the customers who require the distributed electricity.
3. It provides easy access to the existing transmission and distribution system.

Please refer to the map below for the location of the proposed substation and the required connections into the existing electricity system.



Example of a substation in an Edmonton community – with a transformer and connection equipment.



Map showing the proposed location of the Poundmaker Substation in West Edmonton.

PROPOSED PROJECT TIMELINE

ACTIVITY	SCHEDULE	COMPANY RESPONSIBLE
Discuss proposed project with stakeholders and receive feedback	June – July 2010	EPCOR
Open House	June 22, 2010	EPCOR, AESO
File Needs Identification Document (NID) with the Alberta Utilities Commission	October 2010	AESO
File Facility Application with the Alberta Utilities Commission	October 2010	EPCOR
Regulatory Decision from Alberta Utilities Commission	Winter 2010 / 2011	AUC
Construction Activities if Project Approved by the AUC		
Site Preparation: <ul style="list-style-type: none"> • Add concrete foundations • Build chain link fence to secure the site 	Spring / Summer 2011	EPCOR
Substation / 240kV Line Construction: <ul style="list-style-type: none"> • Mount steel support structures • Put breakers / transformers in place • Construct towers / string line 	Spring / Fall 2011	EPCOR
Construction Completion and Testing	Spring 2012	EPCOR
In Service	June 1, 2012	EPCOR

CONSTRUCTION

EPCOR would work to minimize construction impacts to the community where possible. At the peak of construction, we expect less than 15 workers on site at one time. No road closures are expected. A number of specific measures would be taken to minimize the impacts of construction:

- A safety and security fence would be installed around the work area.
- Construction would occur between 7 a.m. and 7 p.m. Monday to Friday. Notification would occur should these construction times change.

EPCOR expects that the noise levels from regular construction would not exceed allowable levels set by the City of Edmonton’s Noise Bylaw. EPCOR must apply to the City of Edmonton for a bylaw exemption if it expects that acceptable noise levels would be temporarily exceeded. EPCOR would notify area residents of this additional disruption before the exemption would be approved by the City of Edmonton.

OTHER TRANSMISSION PROJECTS IN THE AREA

PROJECT NAME	DESCRIPTION	STATUS/TIMING	CONTACT
EPCOR Transmission Line Upgrade (904L Line)	Involves re-stringing approximately 12 km of an existing double circuit overhead transmission line (904L Line) in northwest Edmonton.	Conducting consultation program.	Sam (EPCOR) 780-969-8417 publicconsultation@epcor.ca
AltaLink Keephills Unit #3 - 1202L Energization	Increase the voltage of the existing 1202L transmission line from 240 kV to 500 kV.	In Construction. Energizing in late May or June 2010.	1-844-269-5903 (AltaLink) stakeholderrelations@altalink.ca
AltaLink 908L Transmission Line	Build approximately 14 km of new transmission line between Jack Fish Lake and the Keephills Substation.	Conducting consultation program.	1-844-269-5903 (AltaLink) stakeholderrelations@altalink.ca
AltaLink 904L Transmission Line Rebuild	Rebuild approximately 47 km of an existing transmission line between Jack Fish Lake and the Petrolia Substation.	Conducting consultation program.	1-844-269-5903 (AltaLink) stakeholderrelations@altalink.ca

FOR MORE INFORMATION OR TO PROVIDE YOUR FEEDBACK

EPCOR would like your feedback on this proposed project. Various communication opportunities are available:

Attend an Open House

EPCOR and the AESO are hosting an Open House on June 22, 2010 for the proposed project. Visiting the Open House is an opportunity to gather more information about the project, provide feedback and speak directly with members of the Poundmaker Substation project team.

Date: June 22, 2010

Time: 3:00 – 8:00 p.m.

**Location: Best Western Westwood Inn
18035 Stony Plain Road T5S 1B2
Ebony Room**

Meet or Speak with us in Person

We would be happy to arrange a personal meeting or phone conversation with you at your convenience.

Please contact:

Gabrielle at 780-412-3479
publicconsultation@epcor.ca
Visit www.epcor.ca