



EPCOR Distribution and Transmission Inc.

**Relocate 72-kV Transmission Lines Near
105 Avenue and 104 Street NW, City of Edmonton**

July 30, 2010

ALBERTA UTILITIES COMMISSION

Decision 2010-298: EPCOR Distribution and Transmission Inc.

Relocate 72-kV Transmission Lines Near 105 Avenue and 104 Street NW, City of Edmonton

Application No. 1606194

Proceeding ID. 636

July 30, 2010

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**EPCOR DISTRIBUTION AND TRANSMISSION INC.
RELOCATE 72-KV TRANSMISSION LINES NEAR
105 AVENUE AND 104 STREET NW, CITY OF EDMONTON**

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1 INTRODUCTION

1. EPCOR Distribution and Transmission Inc. (EPCOR) is the owner and operator of 72-kV transmission lines 72RV2, 72RV4, and 72RV6 (Transmission Lines) from Victoria substation to Rossdale substation in Edmonton.

2. EPCOR filed an application with the Alberta Utilities Commission (AUC or Commission) seeking approval to alter and operate the Transmission Lines. The application was registered on May 11, 2010, as Application No. 1606194 (Application). Details of the Application were:

- At 104 Street on the southbound lane from 103 Avenue to 102 Avenue, the alterations would include installing new cables within the existing underground electrical vaults;
- At 104 Street, approximately 159 metres north of 105 Avenue, EPCOR would install new cable piping;
- At 104 Street, south of 107 Avenue to the intersection at 106 Avenue, EPCOR would install cable piping into a directionally drilled hole;
- At the intersection of 104 Street and 105 Avenue, EPCOR would excavate to allow for the installation of new cable piping; and
- At the parking lot of Square 104 located at 104 Street between 104 Avenue and 105 Avenue, EPCOR would perform horizontal directional drilling to excavate and tie-in the cable pipe.

2 DISCUSSION

3. EPCOR indicated that construction would begin in the winter of 2010 and would be completed in the fall of 2011.

4. The City of Edmonton (City) is expanding the Light Rail Transit (LRT) system north from Churchill Station to the Northern Alberta Institute of Technology. As part of this project, a new LRT station would be constructed south of EPCOR's Victoria Substation at 105 Avenue and 104 Street. The LRT station is directly above three of EPCOR's underground Transmission Lines 72RV2, 72RV4, and 72RV6. In order for the City to construct its new LRT station, portions of these three lines must be relocated.

5. EPCOR identified residents and other stakeholders within 800 metres (m) of the proposed work. On June 3, 2010, EPCOR sent out a notice by postal code drop to these stakeholders.

6. On June 17, 2010, EPCOR held an information session for residents of Square 104. Square 104 is an apartment building located within 800 m of the project location. During construction, some of the tenants' private parking stalls would be closed. EPCOR has agreed to provide temporary parking for those tenants during the construction.

7. On February 16, 2010, the City held an open house at the Spruce Avenue Community Hall located at 10240 – 115 Avenue. Information pamphlets and notices were distributed to local residents providing information regarding the LRT relocation improvements.

8. The Commission issued a Notice of Application on June 28, 2010. The Notice was distributed to occupants of Square 104 apartment complex. The Commission did not receive any submissions by the July 21, 2010 deadline.

3 FINDINGS

9. The Commission finds that there are no outstanding technical, routing, environmental, or noise concerns associated with the alteration and operation of the Transmission Lines.

10. The Commission notes EPCOR's submission that a participant involvement program has been conducted and there are no outstanding public concerns.

11. Having regard to the foregoing, the Commission considers that the Project is in the public interest and that the requirements under section 11 of the *Hydro and Electric Energy Regulation* have been met.

4 DECISION

12. Pursuant to section 11 of the *Hydro and Electric Energy Regulation*, the Commission approves the Application and grants the Transmission Line Enquiries to EPCOR to relocate the 72-kV transmission line as set out in the following Appendices:

- a. Appendix 1 – Enquiry No. E2010-16 – July 30, 2010 to EPCOR to alter Transmission Line 72RV2;
- b. Appendix 2 – Enquiry No. E2010-17 – July 30, 2010 to EPCOR to alter Transmission Line 72RV4;
- c. Appendix 3 – Enquiry No. E2010-18 – July 30, 2010 to EPCOR to alter Transmission Line 72RV6 (the Appendices will be distributed separately).

Dated on July 30, 2010.

ALBERTA UTILITIES COMMISSION

(original signed by)

Thomas McGee
Commissioner