



## ENMAX Power Corporation

Letter of Enquiry for 10th Avenue Transmission Tower  
Replacement and Relocation

August 30, 2010

**ALBERTA UTILITIES COMMISSION**

Decision 2010-424: ENMAX Power Corporation

Letter of Enquiry for 10th Avenue Transmission Tower Replacement and Relocation

Application No. 1606454

Proceeding ID. 777

August 30, 2010

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**ENMAX POWER CORPORATION  
LETTER OF ENQUIRY FOR  
10TH AVENUE TRANSMISSION TOWER  
REPLACEMENT AND RELOCATION**

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**1 INTRODUCTION**

1. ENMAX Power Corporation (ENMAX) filed an enquiry with the Alberta Utilities Commission (AUC or Commission) requesting approval to replace an existing double-circuit, steel lattice tower at 10th Avenue and 4th Street SE (Olympic Way) with a new double-circuit, steel monopole and relocate it six metres to the west of the existing location (Project).

2. The enquiry was registered on August 12, 2010, as Application 1606454 (Application).

**2 DISCUSSION**

3. The City of Calgary (City) is planning to excavate a new tunnel under the railway tracks at 10th Avenue and 4th Street SE (Olympic Way).

4. To facilitate the construction, ENMAX is required to relocate an existing double-circuit transmission tower 2.82-21 six metres to the west of its present location. All work will be performed on City-owned land.

5. ENMAX proposes to replace the existing double-circuit, steel lattice tower with a single steel double-circuit monopole of the same height as the existing tower. The diameter of the steel monopole would be one metre at its base which would give the pole a slightly smaller footprint than the existing lattice tower.

6. ENMAX anticipated no impact to local residents as there are no residences in the area.

7. ENMAX anticipated no impact to the environment as a result of the Project. In addition, ENMAX committed to ensuring that any construction noise would be in compliance with section 6 of the *AUC Rule 012 – Noise*.

8. Due to the simultaneous outage of the downtown cable replacement project, ENMAX stated that the lines must remain energized during construction to ensure system reliability.

9. ENMAX estimated the cost of the Project to be \$320,000 (+/- 30%) due to the fact that the work must be performed while the lines remain energized.

10. The Project will be funded by ENMAX in accordance with Appendix 4 of the Municipal Consent and Access Agreement between the City and ENMAX.

### **3 COMMISSION FINDINGS**

11. The Commission notes that ENMAX will comply with *AUC Rule 012* regarding construction noise.
12. The Commission considers the Project to be of a minor nature which would not affect other persons or cause any adverse environmental impacts.

### **4 DECISION**

13. The Commission approves the Application and grants ENMAX a Transmission Line Enquiry pursuant to section 11 of the *Hydro and Electric Energy Regulation*, as set out in Appendix 1 – Transmission Line – Enquiry E2010-36 – August 30, 2010 (Appendix 1 will be distributed separately).

Dated on August 30, 2010.

### **ALBERTA UTILITIES COMMISSION**

*(original signed by)*

Thomas McGee  
Commissioner