



## **AltaGas Ltd.**

### **Installation of Five 2.055 MW Generators**

**March 11, 2014**



**The Alberta Utilities Commission**

Decision 2014-061: AltaGas Ltd.  
Installation of Five 2.055 MW Generators  
Application No. 1610070  
Proceeding ID No. 2916

March 11, 2014

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The Alberta Utilities Commission  
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## 1 Introduction and background

1. AltaGas Ltd. (AltaGas) pursuant to Approval No. U2008-92<sup>1</sup> is the owner of a 7.2 megawatt (MW) power plant designated as the Parkland gas power plant (the power plant) in the Stavely area. AltaGas filed an application with the Alberta Utilities Commission (AUC or the Commission) for approval to alter and operate the power plant. The application was registered on November 14, 2013, as Application No. 1610070.

2. AltaGas applied to the Commission to construct and operate five gas driven power generators at the Parkland power plant site. Each unit would have a manufacturer name plate value of 2.055 MW with a net generation of 1.98 MW, for a total capability of 10.275 MW and net output of 9.9 MW. AltaGas also requested approval to remove from service, the three existing power generating units at the site with a total generation of 7.2 MW.

3. AltaGas requested approval to alter and operate the proposed facility pursuant to Section 11 of the *Hydro and Electric Energy Act*.

4. On December 18, 2013, the Commission requested additional information from AltaGas pertaining to noise and environment impacts, the connection agreement with the distribution company and mailing addresses. On January 15, 2014, AltaGas responded to the Commission's information requests.

5. On February 4, 2014, the Commission issued a notice of application to all directly affected parties with a deadline for submissions of February 26, 2014. The Commission also published the notice of application in the Nanton News on February 12, 2014. No objections to the application were received.

## 2 Discussion

6. AltaGas filed a noise assessment respecting the alterations to the power plant and stated that the anticipated noise levels would be within the permissible sound levels specified in AUC Rule 012: *Noise Control* (AUC Rule 012) during the daytime period of 7 a.m. to 10 p.m. AltaGas stated that they would not operate the power plant during the nighttime period of 10 p.m. to 7 a.m.

7. AltaGas stated that no changes to the existing connection point resulted from the application to alter the power plant. In AltaGas' information responses a letter from

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<sup>1</sup> Approval No. U2008-92, Application No. 1551820, April 18, 2008.

FortisAlberta Inc. was provided stating that FortisAlberta Inc. was prepared to allow the connection of the proposed 10.275 MW power plant.

8. AltaGas submitted that there would be no new environmental effects created by the project because the units would be located entirely within the existing lease site of the Parkland Gas Plant. The five generators are to be placed in separate enclosures and located on standard oilfield metal clad, skid mounted structures.

9. AltaGas completed air dispersion modeling, and submitted that the proposed generation would be compliant with regulatory requirements and the emissions would meet Alberta Ambient Air Quality Objectives for NO<sub>x</sub>.

10. AltaGas submitted that it conducted a participant involvement program that included notifying all landowners within 2000 metres of the power plant with project information packages. AltaGas also attempted to contact all directly affected landowners within 800 metres of the project by phone and confirmed that there were no outstanding concerns with the project.

### **3 Findings**

11. The Commission considered the application pursuant to sections 11 and 18 of the *Hydro and Electric Energy Act*.

12. The Commission finds that the application meets the information requirements stipulated in AUC Rule 007: *Power Plants, Substations, Transmission Lines and Industrial System Designations* (AUC Rule 007).

13. The Commission finds that the noise impact assessment submitted by AltaGas fulfills the requirements of AUC Rule 012, with the condition that AltaGas will not operate the power plant during the nighttime period of 10 p.m. to 7 a.m.

14. The Commission notes that a participant involvement program was conducted by AltaGas through a notification and personal consultation process and no public, industry or agency objections were received.

15. Furthermore, the Commission is satisfied that no environmental impacts are expected from the proposed project because the generators are to be housed in a building on metal clad skids on previously disturbed lands at the existing Parkland Gas Plant. Emissions from the project are expected to be compliant with Alberta Ambient Air Quality Objectives.

16. The Commission further finds that the application complies with all requirements of sections 11 and 18 of the *Hydro and Electric Energy Act*. Having considered all of the evidence before it, the Commission finds the proposed work at the power plant to be in the public interest pursuant to Section 17 of the *Alberta Utilities Commission Act*, having given consideration to the environmental, economic and social impacts of the proposed work.

#### 4 Decision

17. Pursuant to Section 11 of the *Hydro and Electric Energy Act*, the Commission approves the application and grants AltaGas the approval set out in Appendix 1 – Power Plant Approval No. U2014-87 – March 11, 2014 to alter and operate the power plant (Appendix 1 will be distributed separately).

18. Pursuant to Section 18 of the *Hydro and Electric Energy Act*, the Commission approves the application and grants AltaGas the Order set out in Appendix 2 – Connection Order No. U2014-88 – March 11, 2014 to connect the power plant to the FortisAlberta Inc. distribution system (Appendix 2 will be distributed separately).

Dated on March 11, 2014.

#### The Alberta Utilities Commission

*(original signed by)*

Tudor Beattie, QC  
Commission Member