



## ATCO Gas and Pipelines Ltd. (South)

### Equipment Addition

Addition of Gas Cooler to Regulate  
Gas Outlet Temperatures of Two Compressors

June 8, 2010



**ALBERTA UTILITIES COMMISSION**

Decision 2010-264: ATCO Gas and Pipelines Ltd. (South)

Addition of Gas Cooler to Regulate Gas Outlet Temperatures of Two Compressors

Application No. 1606252

Proceeding ID. 672

June 8, 2010

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**ATCO GAS AND PIPELINES LTD. (SOUTH)  
EQUIPMENT ADDITION  
ADDITION OF GAS COOLERS TO REGULATE  
GAS OUTLET TEMPERATURES OF TWO COMPRESSORS**

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**1 INTRODUCTION**

1. ATCO Gas and Pipelines Ltd. (South) (Applicant) filed an application with the Alberta Utilities Commission (AUC or Commission) seeking approval for an amendment to Permit/Licence 35912 for the following:

- Addition of gas cooler to existing pipeline installation 3 and 4

(Project).

**2 BACKGROUND**

2. The application was registered on May 28th, 2010 as Application 1606252 (Application).

3. The applicant stated that the purpose of the cooler addition is to provide gas cooling when required to ensure adequate gas outlet temperatures from two 1000 kW reciprocating compressors. ACI Acoustical has updated the Noise Impact Assessment for this site. The review has determined that with the addition of the proposed cooler, the overall noise levels will still be below their respective Permissible Sound Levels at all receptor locations and therefore meets all *AUC Rule 12* requirements. The result is shown in the table “Application Noise Modeling results” in the filed ACI Acoustical report. The total noise including noise from existing sources, the new cooler and each receptor specific ambient sound levels are in all cases lower than the permissible sound level.

All notification requirements of *AUC Rule 20* have been met. Written notifications of the proposed upgrade were provided to landowners and occupants within 1.5 km, and urban authorities as outlined in Table 6.1 of *AUC Rule 20*. No objections have been received from any of the parties notified. Three Confirmation of Non-Objection forms were signed by the landowner and occupants as well as two other residents who reside just outside the 0.5 km radius prescribed in Table 6.1 of *AUC Rule 20*.

**3 DISCUSSION**

4. The Commission has reviewed the Application and has determined that it meets the requirements as stipulated in *AUC Rule 020* and as well *AUC Rule 12*. The Application identifies that a participant involvement program has been conducted by the Applicant and that there are no outstanding public or industry objections or concerns.

5. Since no parties objected to the Application and the Project is necessary to facilitate the regulation of gas outlet temperatures of two compressors, the Commission considers the Project to be in the public interest.

#### **4 DECISION**

6. Pursuant to section 11 of the *Pipeline Act* and section 4.1 of the *Gas Utilities Act*, the Commission approves the amendment to Permit/Licence 35912 for the Project and grants the Applicant the amended Permit/Licence as set out in Appendix 1 – Gas Utility Pipeline – Equipment Addition – Permit/Licence No. 35912 – June 8, 2010 (Appendix 1 will be distributed separately).

Dated on June 8, 2010.

#### **ALBERTA UTILITIES COMMISSION**

(original signed by)

Thomas McGee  
Commissioner