

CHAPTER 6 – EXTENSION FACILITIES AND LATERAL LOOPS

6.1 Introduction

As previously discussed (Section 2.1), receipt and delivery meter stations, extension facilities and lateral loops are designed and constructed independently of the construction of mainline facilities. Service may be provided to Customers on an interruptible basis until mainline facilities are in service. In those instances where responding to a Customer's request for service results in the addition of new or modified receipt meter stations, the minimum term and minimum contractual obligation are determined in accordance with the economic criteria described in the *Criteria for Determining Primary Term* (Appendix E of the Alberta System Gas Transportation Tariff).

A summary of all facilities application status following the issuance of the December 2008 Annual Plan is included under Appendix 4. Proposed extensions, lateral loops, and associated meter stations are listed in Table 6.1.

Table 6.1
Proposed Extensions and Lateral Loops

Proposed Facility	Description	Required In-Service Date	Estimated Cost (2009 \$millions)
Doe Creek Lateral Loop	8.5 km NPS 16	November 2010	11.5
Henderson Creek Lateral Loop #3	9.2 km NPS 16	November 2010	13.6
Bear River West Lateral Loop	8.5 km NPS 10	March 2011	7.4
Kearl Extension & Meter Station	19.3 km NPS 20 4 km NPS 24	July 2011	55.1
Horn River Mainline Project	Cabin Section 72 km NPS 36	April 2012	229.0
	Komie East Extension 2.2 km NPS 24		3.2
	Ekwan Section (Acquisition) 83 km NPS 24		62.0
	Meter stations (4)		13.1
TOTAL			394.9

6.2 Horn River Mainline

An application was filed with the Board on February 19, 2010 for authorization:

- to construct the Horn River Mainline (Cabin Section), consisting of 72 km of 914 mm (NPS 36) pipeline;
- to construct the Komie East Extension, consisting of 2.2 km of 610 mm (NPS 24) pipeline;
- to acquire the Horn River Mainline (Ekwan Section), consisting of 83 km of 610 mm (NPS 24) pipeline; and
- to construct four meter stations, including Cabin, Komie, Sierra and Little Hay Meter Stations.

The Horn River Mainline (Cabin Section and Ekwan Section) is required to transport gas from NE B.C. and will connect to the Alberta System at NGTL's existing Northwest Mainline (Zama Lake Section) in LSD 10-15-111-12 W6M. The Horn River Mainline and Komie East Extension are required for in-service April 2012 with construction expected to commence during Q4 2011.

6.3 Doe Creek Area

The Doe Creek Lateral Loop and the Henderson Creek Lateral Loop #3 facilities are required to transport incremental firm service contracts in the Doe Creek Area for the 2010/11 Gas Year and to meet the forecast supply growth in this area. Construction is expected to commence in Q3 2010 to meet the required in-service date of November 2010. It is anticipated that a facilities application will be filed with the Board in the first quarter of 2010.

6.4 Bear River West Lateral Loop

The Bear River West Lateral loop is required to transport incremental firm receipt service contracts for the 2010/11 Gas Year and to meet the forecast supply growth in the area. Construction is expected to commence in Q3 2010 to meet the required in-service date of November 2010. It is anticipated that an application will be filed with the Board in the first quarter of 2010.

6.5 Kearl Extension

The Kearl Extension is required to meet the aggregate delivery requirements for two oil sands projects in the Fort McMurray area. Construction is expected to commence in Q4 2010 to meet the required in-service date of July 2011. It is anticipated that an application will be filed with the Board in the first quarter of 2010.