

CHAPTER 3 – EXTENSION FACILITIES, LATERAL LOOPS AND METER STATIONS**3.1 Introduction**

This chapter presents an overview of the receipt and delivery meter stations, extension facilities and lateral loops that are required to meet customer requests for firm service. These facilities are designed following the Transportation Design Process in section 4 of the Facilities Design Methodology Document, which can be accessed online at:

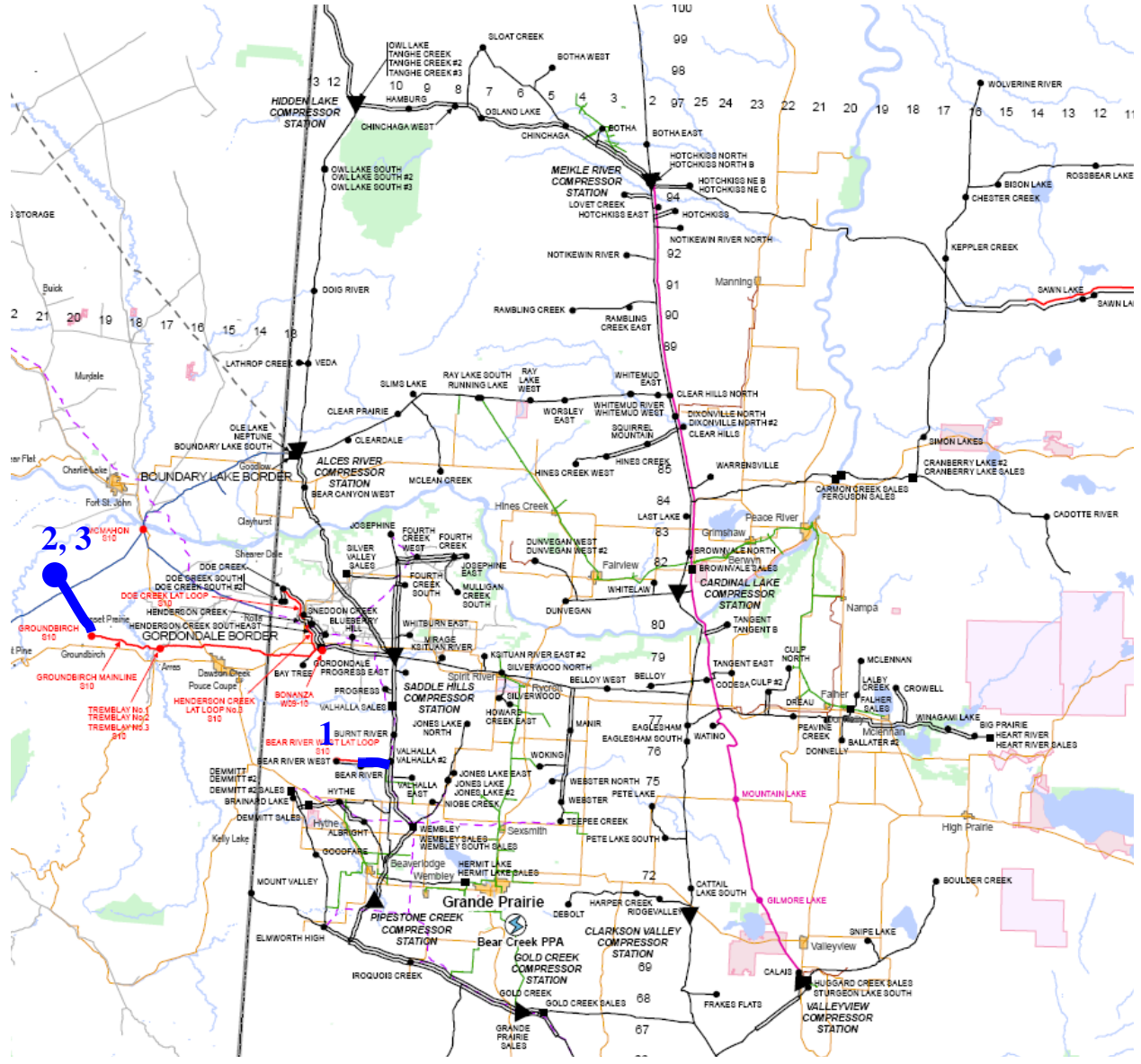
<http://www.transcanada.com/customerexpress/5070.html>

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 the status of the facilities that have been placed in-service or applied-for since the 2009 Annual Plan was issued is included under Appendix 2 – Facility Status Update.

Proposed extensions, lateral loops, and associated meter stations are listed in Table 3.1 and shown on Figure 3.1. These proposed facilities were presented at the TTFP meeting held on November 23, 2010.

Figure 3.1
Proposed Extensions, Lateral Loops and Meter Stations



LEGEND:

- Proposed Pipe
- Proposed Receipt Meter Station

Table 3.1
Proposed Extensions, Lateral Loops and Meter Stations

Map Location	Proposed Facility	Description	Required In-Service Date	Capital Cost (\$Millions)
1	Bear River Lateral Loop No. 2	10 km NPS 10	Nov 11	7.7
2	Groundbirch Mainline (Saturn Section)	24 km NPS 36	Apr 12	55.4
3	Saturn Receipt Meter Station	NPS 10 Ultrasonic	Apr 12	3.5
Capital Costs are in 2010 dollars and include AFUDC			TOTAL	66.6

3.2 Facility Description

- **Groundbirch Mainline (Saturn Section) and Meter Station**

The 24 kilometer NPS 36 Groundbirch Mainline (Saturn Section) and the Saturn Receipt Meter Station are required to connect incremental supply to the Alberta System. This section is required for April 1, 2012. Due to seasonal construction requirements it will be in-service on or about November 1, 2011. The facilities application was filed with the NEB on December 9, 2010.

- **Bear River Lateral Loop No. 2**

The 10 kilometer NPS 10 Bear River Lateral No. 2 is required to meet incremental firm service requirements for the 2011/12 Gas Year. The facility is required to be in-service on November 1, 2011 and the application is anticipated to be filed in the 1st quarter of 2011.