

Enbridge Pipelines (North Dakota) LLC
1100 Louisiana Suite 3300
Houston, Texas 77002
(713) 353-6328
Fax: (832)214-9318
www.enbridge.com

ENBRIDGE™

RECEIVED

November 2, 2010

NOV 04 2010

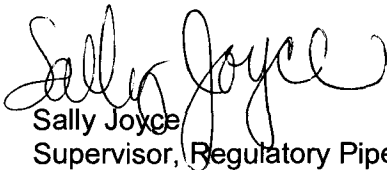
PUBLIC SERVICE COMMISSION

North Dakota Public Service Commission
Attn: Darrell Nitschke
Secretary to the Commission
600 E Blvd. Ave.,; Dept 408
Bismarck, ND 58505

Dear Mr. Nitschke:

Enclosed please find ten copies of Enbridge Pipelines (ND) LLC's Ten Year Plan for 2010.

Sincerely,



Sally Joyce
Supervisor, Regulatory Pipeline Development

Enclosure

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC
(Referred to herein as “EPND”)

TEN YEAR PLAN
NORTH DAKOTA

JUNE 30, 2010

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE A: Existing Energy Conversion Facilities

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE B: Energy Conversion Facilities Under Construction

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE C: Proposed Energy Conversion Facilities on Which Construction is
Intended Within the Ensuing Five Years

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE D: Proposed Energy Conversion Facilities During the Next Ten Year
Time Period

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE E: Existing Transmission Facilities (Electric)

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE F: Existing Transmission Facilities (Pipeline)

- 1) Enclosed is a System Map designated as Exhibit "A".
- 2) The pipeline consists of:
 - a) Product type – crude petroleum
 - b) Length of facility
 - i) 727.17 miles in service
 - c) Pipe size
 - i) 6-5/8" O.D.
 - ii) 8-5/8" O.D.
 - iii) 10-3/4" O.D.
 - iv) 12-3/4" O.D.
 - v) 16" O.D.
 - d) Maximum design operating pressure
 - i) 1440 psig for 6-5/8"
 - ii) 1440 psig for 8-5/8"
 - iii) 1440 psig for 10-3/4"
 - iv) 1440 psig for 12-3/4"
 - v) 1440 psig for 16"
 - e) Maximum design flow rate
 - i) Grenora to Beaver Lodge – 25, 000 BPD (Barrels Per Day)
 - ii) Alexander to Beaver Lodge – 93,000 BPD
 - iii) Canadian Border to Berthold – 45,000 BPD
 - iv) Beaver Lodge to Stanley – 144,000 BPD
 - v) Stanley to Minot – 161,600 BPD
 - vi) Sherwood to Maxbass – 7, 000 BPD
 - vii) Newburg to Maxbass – 4,800 BPD
 - viii) Maxbass to Minot – 16,000 BPD
 - ix) Minot to Clearbrook, Minnesota – 161, 600 BPD

f) Pump Stations

- i) Number (North Dakota) 18
- ii) Station horsepower
 - (1) Total installed horsepower – 56155 Hp
 - (2) 1 – 1500 horsepower diesel engine (back-up)
- iii) Discharge pressure – 1440 psig
- iv) Capacity – 4,800 – 161,600 BPD

g) Minimum cover over pipe – 36 inches

3) Facilities “in service” dates

- a) Grenora to Beaver Lodge – 1964
- b) Alexander to Beaver Lodge – 1983
- c) Berthold to Lignite - 1962
- d) Canadian Border to Lignite – 1996
- e) Beaver Lodge to Berthold – 1964
- f) Sherwood to Maxbass – 1962
- g) Newburg to Maxbass – 1960
- h) Maxbass to Minot – 1960
- i) Minot to Clearbrook Station, Minnesota – 1962
- j) Berthold to Minot – 1962
- k) Trenton to Beaver Lodge – Q4 2007

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE G: Proposed Transmissions Facilities on Which Construction is
Intended Within the Ensuing Five Years (Electric)

This schedule does not apply to EPND.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE H: Proposed Transmission Facility on Which Construction is Intended
Within the Ensuing Five Years (Pipeline)

Planned upgrades to the EPND pipeline system in 2010 are as follows:

1. **Q4 - Upgrade pumps at Alexander** (Approved on June 4, 2008 in Docket No. PU-07-791)
2. **Q4 – New 80,000 BBL tank Stanley Station** (Approved on January 27, 2010_ in Docket No. PU-10-033)
3. **Q4 – Expand and Upgrade Berthold Station** to accommodate a new shipper owned and operated Truck Unloading Facility at Berthold (Approved on August 4, 2010 in Docket No. PU-10-130)
4. **Q4 – Line 26 Reversal Project** - re-activation/reversal Line 26 from Berthold, ND to Steelman, Saskatchewan adding 25,000 BPD incremental pipeline capacity to move ND sweet crude to the Enbridge Mainline System in Cromer, Manitoba, requires installation of new station piping, pumping metering facilities at EPND's existing Berthold Station and Terminal Facility (Approved on August 23, 2010 in Docket No. PU-10-564)
5. **Q2 2011 – Upgrade Stanley Station** –to connect to new shipper owned and operated Truck Unloading Facility
6. **Q2 2011 – Upgrade Beaver Lodge Station** to connect to new Truck Unloading Facility.
7. **Q3 2011 – Upgrade Alexander Station** to connect to new shipper owned and operated Truck Unloading Facility
8. **Q3 2011 – Upgrade Trenton Station** to connect to – new shipper owned and operated Truck Unloading Facility

9. **2012 – Upgrade Grenora Station** – to connect to new shipper owned and operated Truck Unloading Facility
10. **Q1 2013 - Bakken Pipeline Project** (adds 120,800 BPD of incremental export pipeline capacity to Line 26 to move Bakken production out of ND):
 - Two new pumping stations, Kenaston and Lignite, ND
 - Replace 11-mile segment of the existing 12-inch-diameter pipeline (Line 26) between Kenaston and Lignite
 - Expansion at Berthold station
11. **Q1 2013 - Beaver Lodge Loop Project** (adds 145,800 BPD of incremental pipeline capacity ex-Beaver Lodge to Berthold):
 - Approximately 26 miles of new 16-inch diameter pipeline between EPND’s Beaver Lodge Station (Near Tioga, ND) and EPND’s station in Stanley, ND
 - Approximately 29 miles of new 16-inch diameter pipeline between EPND’s Stanley station and EPND’s station in Berthold, ND

In addition to the construction of new pipelines, the project scope will also include expansions within EPND’s existing terminal facilities in the following locations:

- Two new 80,000 barrel tanks at Berthold, ND terminal
- One new 80,000 barrel tank at Stanley, ND terminal
- One new 150,000 barrel tank at the Beaver Lodge terminal near Tioga, ND
- Interconnection valves, pipes and metering stations will also be built.

12. Q1 2013 - SORTI and Dunn Pipeline Projects

Dunn Project:

- new Croff Station near the border of Dunn and McKenzie County, ND
- Approximately 23 miles of new 8-inch diameter pipeline between the Croff and Keene Stations
- Initial target design rate of 26,700 Bpd , with design considerations to allow easy upgrades to achieve an ultimate design rate of 60,000 Bpd
- Connect to a new shipper owned and operated Truck Unloading Facility

SORTI Project:

- new Keene Station near Keene, ND
- Approximately 22 miles of new 10-inch diameter pipeline between Keene Station and the Beaver Lodge Station, near Tioga, ND
- Initial target design rate of 67,000 Bpd, with design considerations to allow easy upgrades to achieve an ultimate design rate of 111,000 Bpd
- Connect to a new shipper owned and operated Truck Unloading Facility

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE I: Proposed Transmission Facilities During the Next Ten-Years Time Period (Electric and Pipeline)

Bakken Pipeline Project US Phase 2:

Through the installation of a new transmission line running parallel to EPND's Bakken Pipeline or Line 26, EPND has the ability to increase its pipeline capacity by 180,000 bpd. Thus, EPND could provide an ultimate pipeline capacity of 325,000 bpd on Line 26 to Bakken producers and shippers. The commercial development of this additional expansion could begin as early as mid-2011.

Beaver Lodge Expansion Phase 2:

Additionally, the design of the Beaver Lodge Expansion Project allows for future expandability to accommodate an Ultimate Annual Capacity of 204,000 bpd through the addition or modification of existing EPND pumping stations should future growth of Bakken production and demand by shippers in the North Dakota require it. Plans for such an expansion have not been approved and there is no active consideration of such an expansion. However, EPND and its customers are continuously assessing demand and supply patterns, as well as various other pipeline infrastructure development projects, to determine if and when future expansions or changes are needed in the EPND's North Dakota Pipeline System to meet market needs.

SORTI-Dunn Expansion Phase 2:

The design of the SORTI-Dunn Projects allows for future expandability up to an Ultimate Annual Capacity of 111,000 bpd through the addition of horsepower along the proposed new line via new pumping stations, and modification of existing EPND pumping stations should future growth of Bakken production and demands by shippers in the North Dakota it. However, EPND and its customers are continuously assessing demand and supply patterns, as well as various other pipeline infrastructure development projects, to determine if and when future expansions or changes are needed in the EPND's North Dakota Pipeline System to meet market needs. Plans for such an expansion have not been approved and there is no active consideration of such an expansion.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE J: Regional Coordination

EPND is not attempting to coordinate our plans with other utilities serving the area. However, as expansion plans develop, affected utilities have and will be contacted.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE K: Environmental Information

See attached policy.

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2010

SCHEDULE L: Projected Demand for Service

Crude oil gathered into the EPND System is batched in Minot for transporting through EPND's mainline pipeline to Clearbrook, Minnesota. In 2010, EPND's mainline projection is 161,600 BPD. EPND's volume of business is directly related to production in the Williston basin, which is dependent on the extent of exploration being undertaken and crude oil usage, by others. Current ND production is in excess of 300,000 BPD and is forecast to climb to 400,000 BPD in the future.