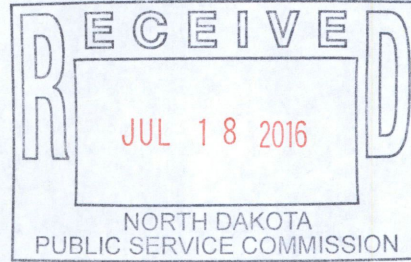




July 18, 2016



Director, Public Utilities Division  
Public Service Commission  
State Capitol Building  
600 E. Boulevard, Dept. 408  
Bismarck, North Dakota 58505

Subject: North Dakota Ten-Year Plan

Attached please find the Kinder Morgan Cochin LLC 2016 Ten Year Plan and ten (10) copies for the state of North Dakota.

Sincerely,

A handwritten signature in black ink that reads 'Jeffrey R. Hulbert'.

Jeffrey R. Hulbert  
Manager-Tariffs and Regulatory Affairs  
Kinder Morgan Cochin LLC

Attachment

1 **PU-16-542** Filed: 7/19/2016 Pages: 5  
**2016 Ten Year Plan**

Kinder Morgan Cochin LLC  
Jeffrey Hulbert

**KINDER MORGAN COCHIN LLC**

**TEN YEAR PLAN  
NORTH DAKOTA**

**July 1, 2016**

**Kinder Morgan Cochin LLC  
Ten Year Plan  
North Dakota**

**July 1, 2016**

**Section A: Existing Energy Conversion Facilities**

Kinder Morgan Cochin LLC is not in the energy conversion business. Therefore, there are none.

**Section B: Energy Conversion Facilities Under Construction**

Kinder Morgan Cochin LLC is not in the energy conversion business. There are none under construction.

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

Kinder Morgan Cochin LLC is not in the energy conversion business. There are no facilities contemplated or proposed within five years.

**Section D: Proposed Energy Conversion Facilities During The Next Ten-Year Time Period**

Kinder Morgan Cochin LLC is not in the energy conversion business. There are no facilities contemplated or proposed within ten years.

**Section E: Existing Transmission Facilities (Electric)**

Kinder Morgan Cochin LLC is not in the electricity transmission business.

**Section F: Existing Transmission Facilities (Pipeline)**

1. The current pipeline system has the following characteristics:
  - a. Current Product type – light condensate
  - b. Length of facility in miles – 326.1
  - c. Pipe size = 12.750" O.D.
  - d. Maximum design pressure – 1440 psig;  
Current maximum operating pressure – 1000 psig
  - e. Maximum design flow rate – >112,000 BPD (barrels per day);  
Current maximum flow rate (light condensate) – 105,600 BPD
  - f. Pumping Station Specifications Including Type, Horsepower, Output Pressure, and Capacity:
    - i) Number (North Dakota) – 5
    - ii) 3000 Horsepower Electric Motor
    - iii) Current Discharge Pressure – 850-950 psig
    - iv) Capacity – 105,600 BPD
  - g. Minimum cover over pipe – 36 inches
  - h. Carrington ND Terminal: 775,000 gallons of (propane) storage capacity and two truck loading spots.

**Kinder Morgan Cochin LLC  
Ten Year Plan  
North Dakota**

**July 1, 2016**

2. The pipeline system and associated pump stations and terminals were placed into service in 1978.

3. In mid-2014 Kinder Morgan Cochin LLC terminated propane service and completed a major project to reverse the flow of the pipeline to accommodate light condensate service into Canada (the "Cochin Reversal Project"). It is planned for the pipeline to remain in light condensate service through the first half of 2024 or later. There are no facilities currently in use contemplated for retirement within the next ten years. As of this filing, it is not known whether facilities not currently in use will be sold, retired, or repurposed.

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

This section does not apply to Kinder Morgan Cochin LLC.

**Section H: Proposed Transmission Facility in Which Construction is Intended Within the Ensuing Five Years (Pipeline)**

There are no definite plans to construct additional facilities within North Dakota in the ensuing five-year period. Pipeline and pump station maintenance is anticipated.

**Section I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electrical and Pipeline)**

There are no definite plans to construct additional facilities within North Dakota during the next ten-year time period.

**Section J: Regional Coordination**

At this time, Kinder Morgan Cochin LLC does not expect to require any additional utilities within the state of North Dakota. However, should the situation change and additional utilities requirements be necessary, it is Kinder Morgan Cochin's policy to coordinate and communicate our needs to other utilities at the onset.

**Section K: Environmental Information**

Environmental information gathered and prepared to obtain the existing route permit is available.

**Kinder Morgan Cochin LLC  
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**Section L:**

Propane Terminal located near Carrington has delivered the following volumes:

2016	-	45 MBBL (MBBL = thousand barrels)
2015	-	0 M "
2014	-	296 M "
2013	-	805 M "
2012	-	463 M "
2011	-	851 M "
2010	-	888 M "
2009	-	1,261 M "
2008	-	1,405 M "
2007	-	1,219 M "

Propane service terminated in 2014 when the pipeline transitioned to light condensate service. In early 2016 the remaining propane was delivered out of Carrington Terminal.

No light condensate was delivered in North Dakota.