



June 28, 2013

Director, Public Utilities Division  
Public Service Commission  
State Capitol Building  
Bismarck, North Dakota 58505



Subject: North Dakota Ten-Year Plan

Attached please find the Kinder Morgan Cochin 2013 Ten Year Plan and ten (10) copies for the state of North Dakota.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. M. Dito', with a long horizontal flourish extending to the right.

Peter M. Dito  
Director, Economics and regulatory Analysis  
Kinder Morgan Cochin LLC

Attachment

1 **PU-13-539** Filed: 7/1/2013 Pages: 5  
**2013 Ten Year Plan**

Kinder Morgan Cochin LLC

Peter Dito

**KINDER MORGAN COCHIN LLC**

**TEN YEAR PLAN  
NORTH DAKOTA**

**July 1, 2013**

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

July 1, 2013

**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 – propane
  - 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 (Propane) – >70,000 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 – 600 psig
    - iv) Capacity – 70,000 BPD
  - g. Minimum cover over pipe – 36 inches
  - h. Carrington ND Terminal: 775,000 gallons of storage capacity and two truck loading spots.

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

**July 1, 2013**

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

3. Increasing production of propane in North Dakota and declining propane supplies in Alberta are resulting in reduced demand for the propane terminal services; consequently, Kinder Morgan Cochin LLC is in the process of terminating propane service and reversing the flow of the pipeline to accommodate light condensate service into Canada (the "Cochin Reversal Project"). Kinder Morgan Cochin LLC currently plans to terminate propane service during the first half of 2014. The pipeline would remain in light condensate service through the first half of 2024 or later. There are no facilities contemplated for retirement within the next ten years.

**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)**

No new construction within North Dakota in the ensuing five-year period. Pipeline and pump station maintenance is anticipated, including the removal of check valves, the modification of pump station piping, and the addition of Drag Reducing Agent (DRA) injection skids to facilitate the reversal of the pipeline for light condensate flow.

**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 as part of the Cochin Reversal Project. 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**

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

**July 1, 2013**

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

**Section L:**

Propane Terminal located near Carrington has delivered the following volumes:

2012	-	463 MBBL (MBBL = thousand barrels)
2011	-	851 M
2010	-	888 M “
2009	-	1,261 M “
2008	-	1,405 M “
2007	-	1,219 M “
2006	-	1,119 M “
2005	-	1,214 M “
2004	-	1,417 M “
2003	-	1,194 M “
2002	-	1,321 M “
2001	-	967 M “

Propane service will be terminated in 2014 when the pipeline is transitioned to light condensate service.