

# Delivering Supply Options

LDC Forum – June 1, 2008, Boston

**Tim Stringer**  
Manager,  
U.S. Northeast Markets

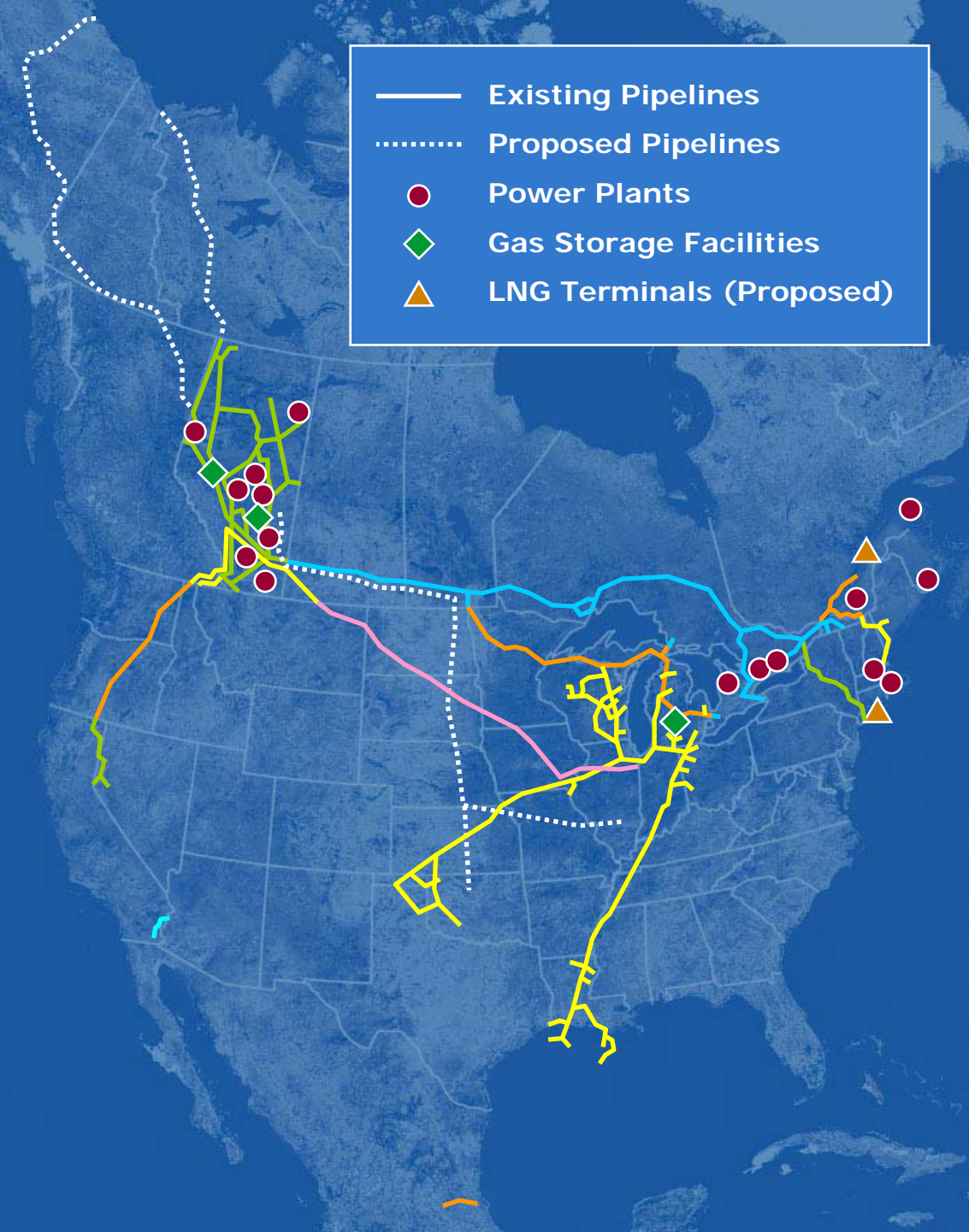


**TransCanada**  
*In business to deliver*

# Forward-Looking Information

This presentation may contain certain information that is forward looking and is subject to important risks and uncertainties. The words "anticipate", "expect", "may", "should", "estimate", "project", "outlook", "forecast" or other similar words are used to identify such forward looking information. All forward-looking statements are based on TransCanada's beliefs and assumptions based on information available at the time such statements were made. The results or events predicted in this information may differ from actual results or events. Factors which could cause actual results or events to differ materially from current expectations include, among other things, the ability of TransCanada to successfully implement its strategic initiatives and whether such strategic initiatives will yield the expected benefits, the availability and price of energy commodities, regulatory decisions, changes in environmental and other laws and regulations, competitive factors in the pipeline and energy industry sectors, construction and completion of capital projects, access to capital markets, interest and currency exchange rates, technological developments and the current economic conditions in North America. By its nature, such forward looking information is subject to various risks and uncertainties which could cause TransCanada's actual results and experience to differ materially from the anticipated results or other expectations expressed. For additional information on these and other factors, see the reports filed by TransCanada with Canadian securities regulators and with the U.S. Securities and Exchange Commission. Readers are cautioned not to place undue reliance on this forward looking information, which is given as of the date it is expressed in this presentation or otherwise, and TransCanada undertakes no obligation to update publicly or revise any forward looking information, whether as a result of new information, future events or otherwise, except as required by law.

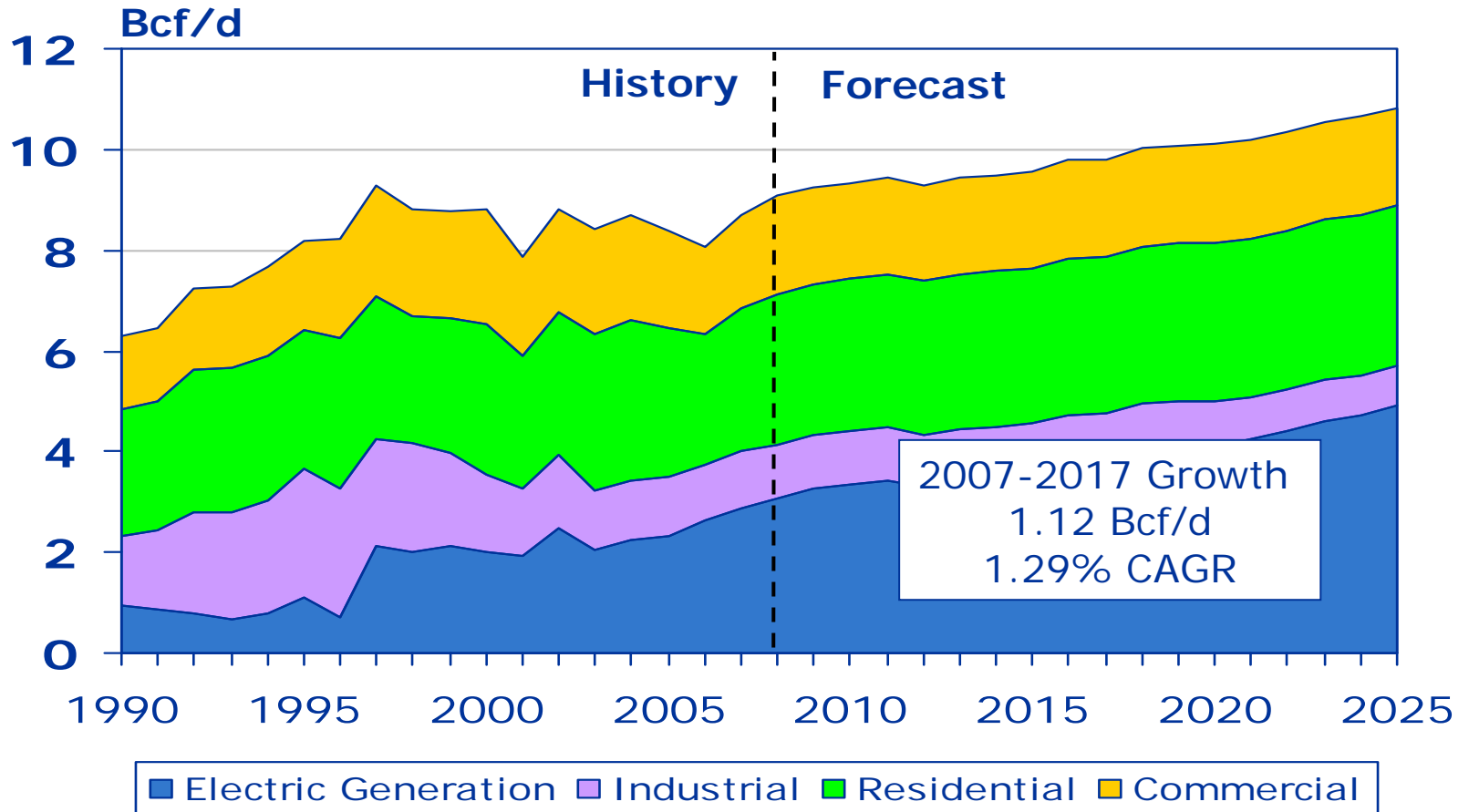
# TransCanada Corporation (TSX/NYSE: TRP)

- 
- The map displays the extensive pipeline network of TransCanada Corporation across North America. Existing pipelines are shown as solid lines in various colors (yellow, orange, pink, blue, green), while proposed pipelines are indicated by dotted lines. Key assets are marked with symbols: red circles for power plants, green diamonds for gas storage facilities, and orange triangles for proposed LNG terminals. The network is particularly dense in the central and eastern United States and the Canadian provinces of Alberta and Saskatchewan.
- Existing Pipelines
  - ..... Proposed Pipelines
  - Power Plants
  - ◆ Gas Storage Facilities
  - ▲ LNG Terminals (Proposed)

## Portfolio of Quality Assets

- 36,500 miles of wholly owned pipeline
- Interests in an additional 4,800 miles of pipeline
- 15 Bcf/d
- 355 Bcf of natural gas storage capacity
- 17 power plants
- 10,200 megawatts
- Crude oil pipeline project
- Two proposed LNG terminals

# U.S. Northeast Demand (1990-2025)



# Supply Options for Northeast Markets

## Short-term

- Integrated Open Season with ANR, GLGT, Canadian Mainline and PNGTS
- Michigan storage expansion (STEP 2010)
- Incremental supply from Midcontinent shale (Barnett) and Rockies connections via REX

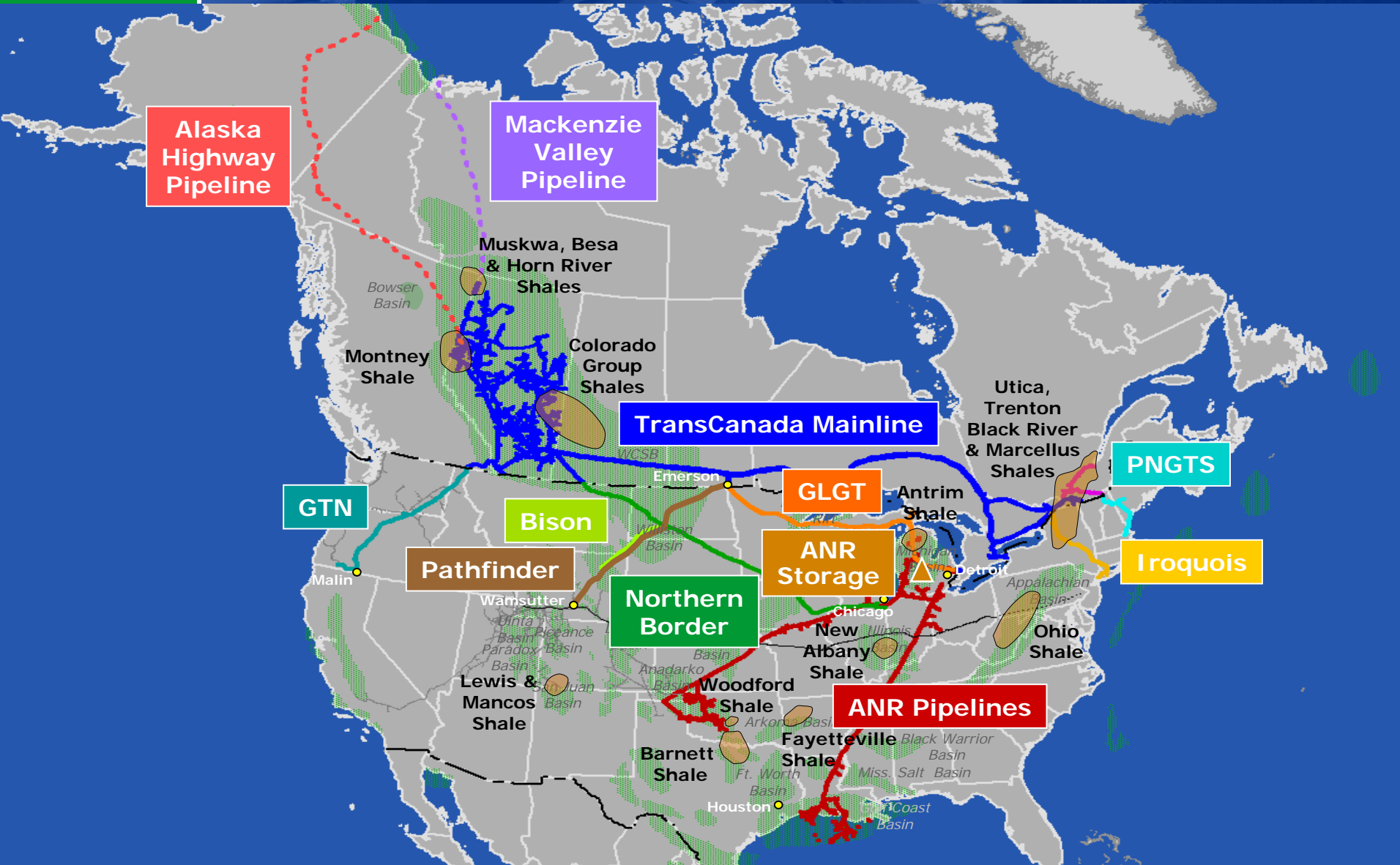
## Medium-term

- Incremental unconventional supply from Midcontinent shale (Barnett) and WCSB (CBM and Northeast B.C. shale)
- Incremental supply from Rockies via Pathfinder and Bison
- LNG

## Long-term

- Northern Gas - Alaska North Slope and Mackenzie Valley
- LNG

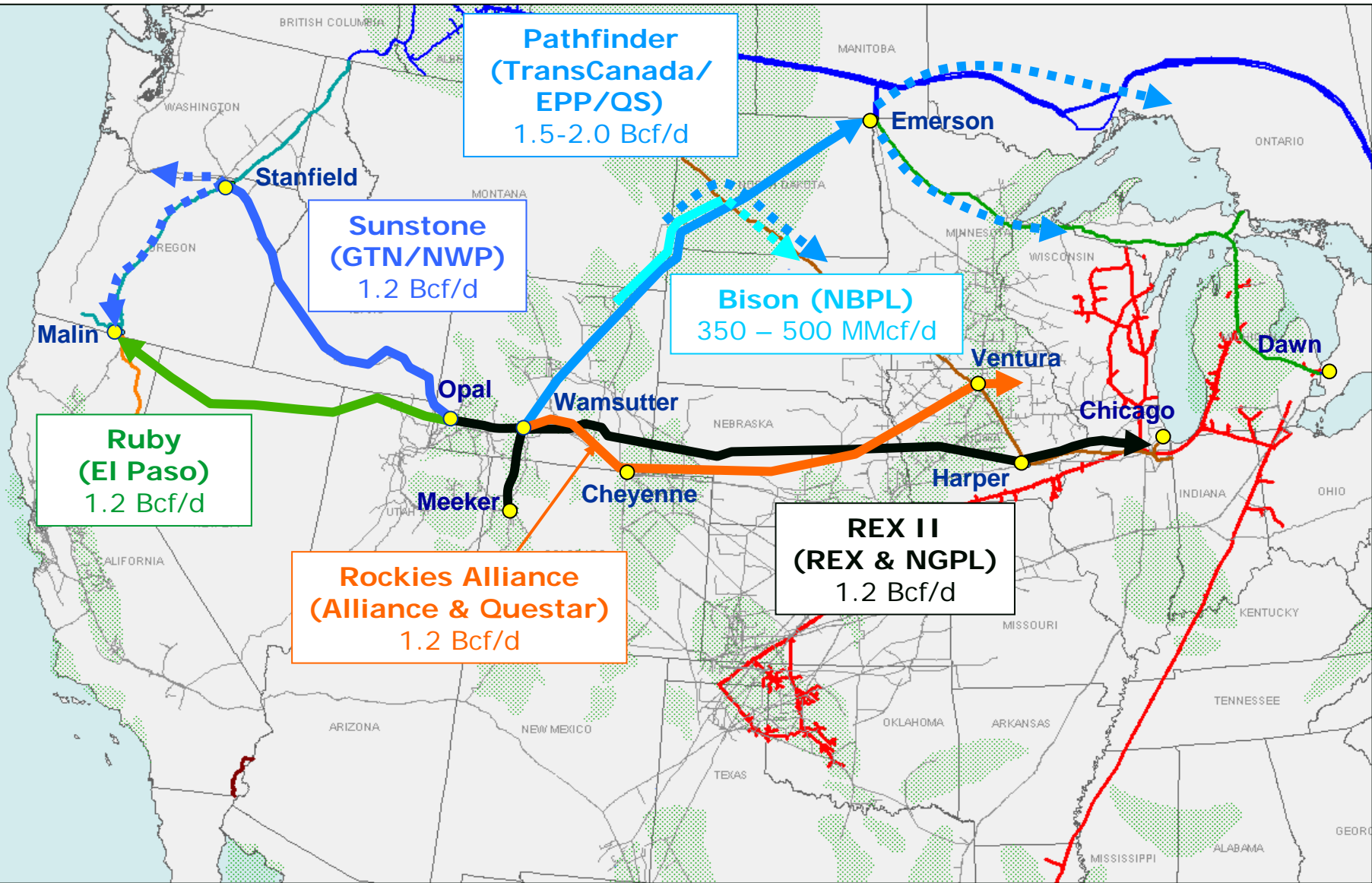
# Access to Supply



# ANR Storage Expansion

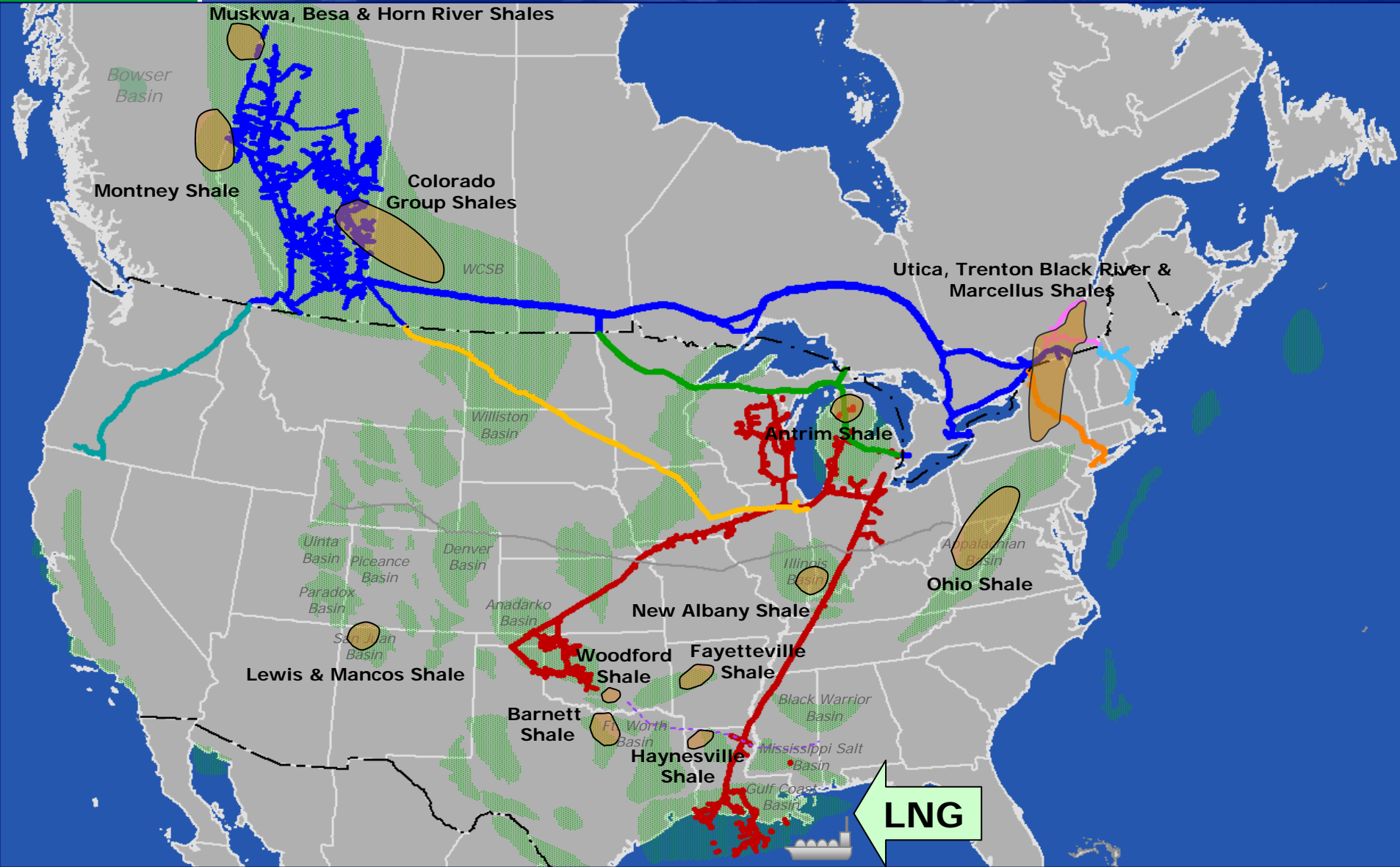
- 260 Bcf of regulated natural gas storage capacity
- Future expansion:
  - STEP 2007/2008 added 14 Bcf of storage capability
  - STEP 2010 and future prospects
- Significant interest in coordinated services across TransCanada assets

# New Rockies Capacity Options

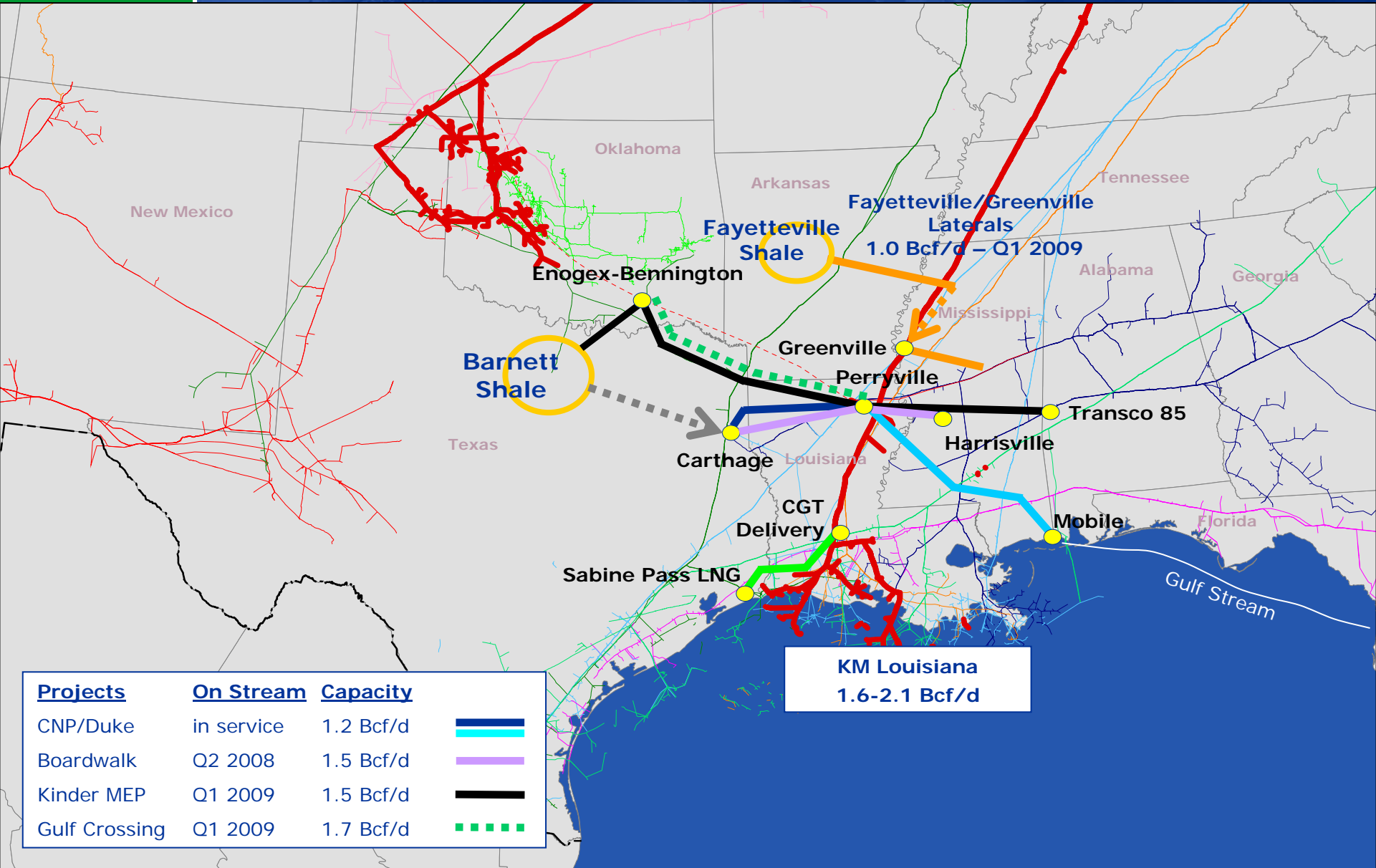







# Shale Gas Resources



# Southern Pipeline Projects



**KM Louisiana**  
1.6-2.1 Bcf/d

<u>Projects</u>	<u>On Stream</u>	<u>Capacity</u>	
CNP/Duke	in service	1.2 Bcf/d	
Boardwalk	Q2 2008	1.5 Bcf/d	
Kinder MEP	Q1 2009	1.5 Bcf/d	
Gulf Crossing	Q1 2009	1.7 Bcf/d	

# Northern Pipeline Projects

- 
- The map displays the continental United States with a network of pipelines. Existing pipelines are shown as solid orange lines, while proposed pipelines are shown as dotted orange lines. A diamond symbol indicates gas storage facilities. Two specific projects are highlighted: the Mackenzie Valley Pipeline in the north and the Alaska Highway Pipeline in the west. The Mackenzie Valley Pipeline is shown as a dotted orange line extending from the Canadian border southwards. The Alaska Highway Pipeline is shown as a dotted orange line extending from the Alaskan coast southwards. A legend in the top right corner explains the symbols used on the map.
- Existing Pipelines
  - ..... Proposed Pipelines
  - ◆ Gas Storage Facilities

## Mackenzie Valley Pipeline\*

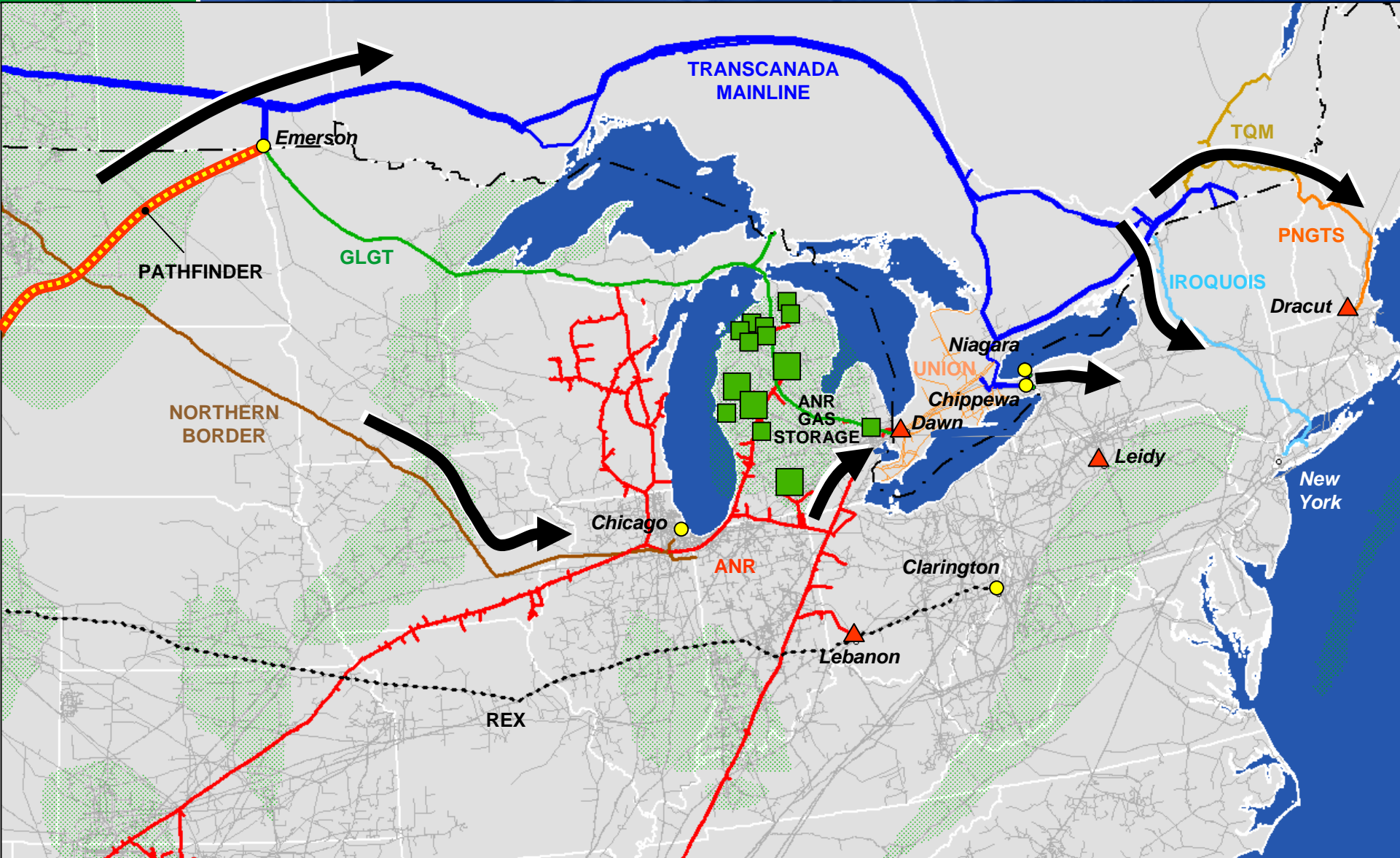
- 9 Tcf Proven; 64 Tcf Ultimate
- 1,194 kms, 30" diameter
- initial volumes – 0.8-1.2 Bcf/d
- ultimate volumes – 1.8 Bcf/d

## Alaska Highway Pipeline\*

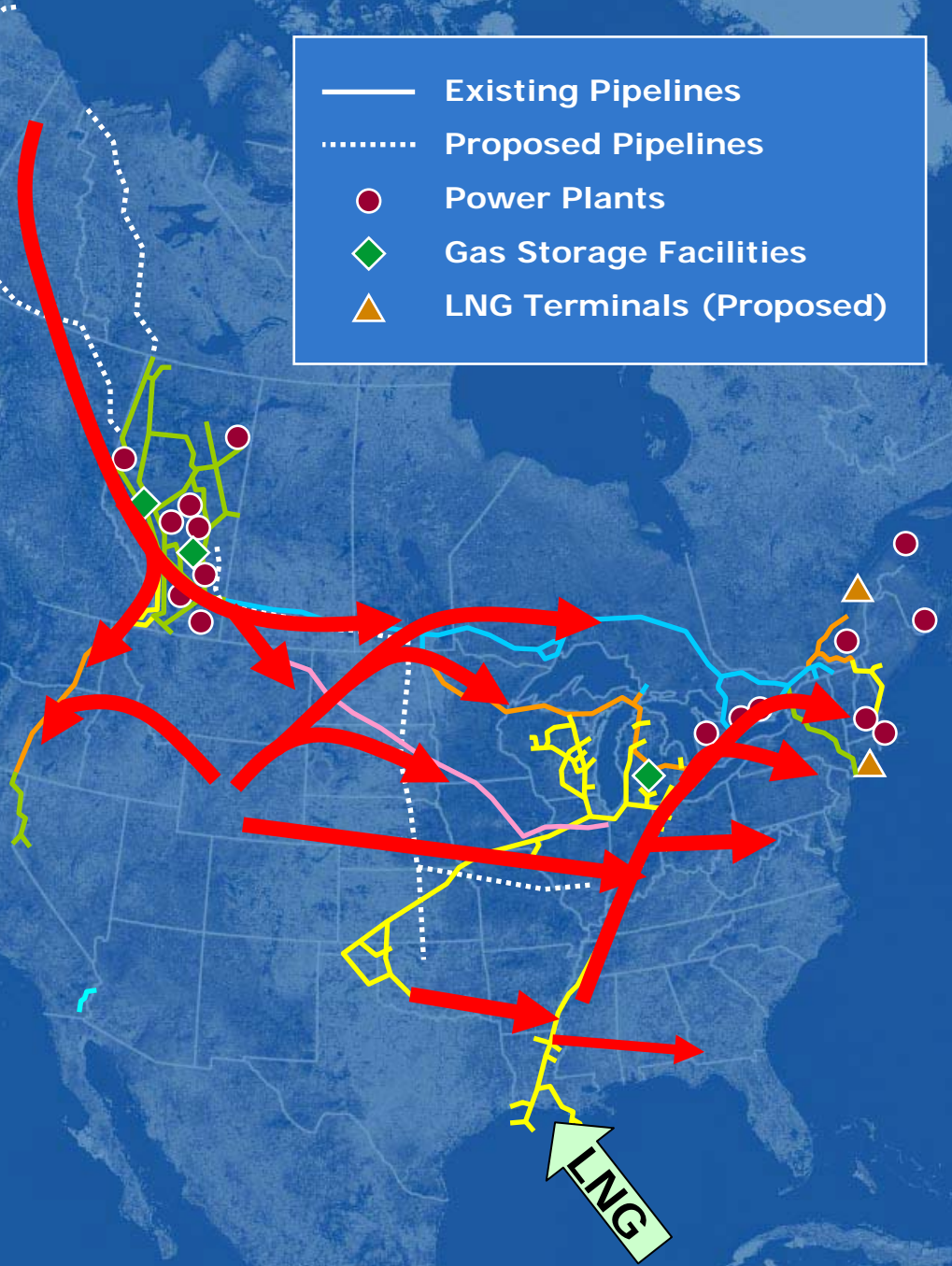
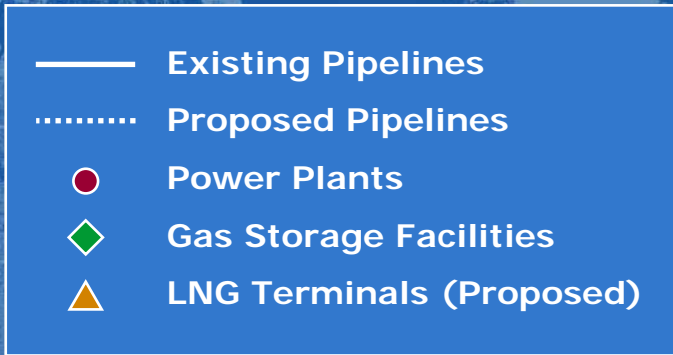
- 31 Tcf Proven; 99 Tcf Ultimate
- 2,820 kms, 48" diameter
- initial volumes – 3.5-4.5 Bcf/d
- ultimate volumes – 6.0 Bcf/d

\* *Proposed projects*

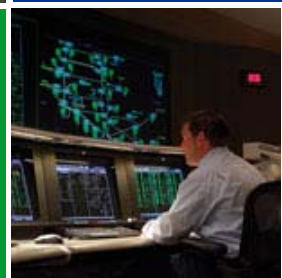
# Access to the Northeast



# Key Messages



- Flow patterns will shift
- Committed to playing a role in meeting the growing needs for energy infrastructure
- Progressing options for the Northeast U.S. markets to access incremental supply from the largest continental basins
- Leveraging our existing, integrated footprint across North America to deliver the most cost-effective and timely solutions.



# Delivering Supply Options

## LDC Forum – June 1, 2008, Boston

Thank you!



**TransCanada**  
*In business to deliver*