



# TransCanada Keystone Pipeline

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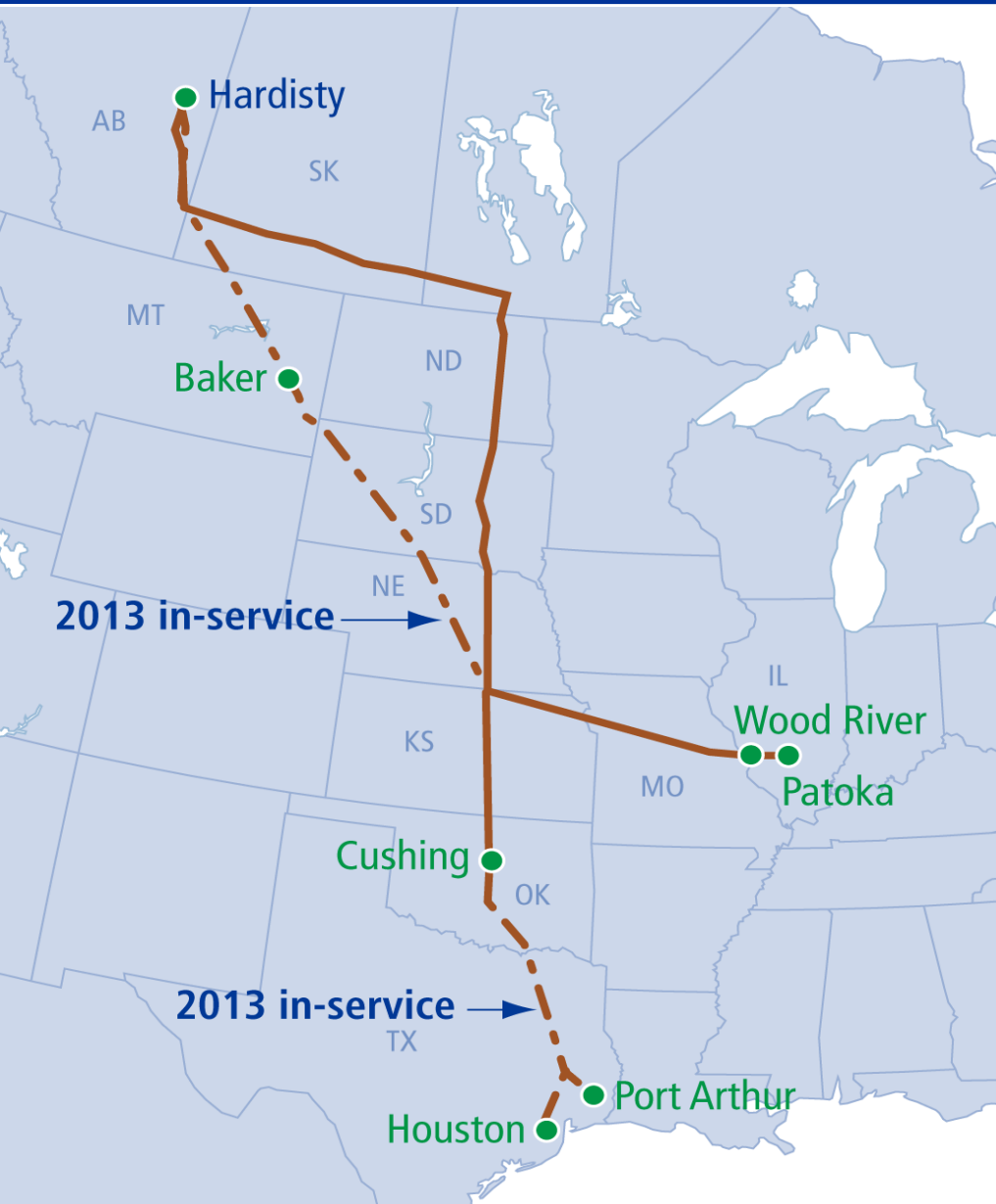
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# Keystone Oil Pipeline System



- **1.1 million Bbl/d commercial capacity**
- **Close to 1 million Bbl/d contracted**
- **~\$13 billion**
- **Phase I to Patoka in service**
- **Phase II to Cushing in service**
- **Gulf Coast - 2013**
- **Bakken transportation - 2013**
- **Cushing transportation - 2013**
- **250,000 Bbl/d U.S. supply to market**

# Keystone Oil Pipeline Benefits



- **Energy Security**
- **National Security**
- **Economic Stimulus**
  - Job creation
  - Tax revenue
- **Environmentally preferred option**
- **Safest**

\* millions of barrels per day Source: 2009 EIA Actuals

# Energy Security



## Top six countries of U.S. oil imports :

- Canada 1,972,000 Bbl/d – 22 per cent of total imports
- Mexico 1,140,000 Bbl/d – 12 per cent of total imports
- Saudi Arabia 1,080,000 Bbl/d – 12 per cent of total imports
- Nigeria 986,000 Bbl/d – 11 per cent of total imports
- Venezuela 912,000 Bbl/d – 10 per cent of total imports
- Iraq 414,000 Bbl/d – 5 per cent of total imports
- Angola, Colombia, Algeria, Brazil and Russia make up the rest

Source: U.S. Energy Information Administration (EIA) – Annual 2010 totals as of April, 2011

# Presenting The Facts



- **Greenhouse Gas Emissions (GHG)**
- **Water Use**
- **Crude Oil Composition**
- **Land Acquisition**
- **Safety**
- **Gasoline Prices**

# KXL Permitting



|              | <i>Keystone</i>        | <i>Alberta Clipper</i> | <i>KXL</i>                    |
|--------------|------------------------|------------------------|-------------------------------|
| Application  | 4/16/06                | 5/15/07                | 9/19/08                       |
| NOI          | 5.5 months             | 2.5 months             | 4.5 months                    |
| DEIS         | 16 months              | 19 months              | 19 months                     |
| FEIS         | 21 months              | 23 months              | ~August 2011<br>(35 months)   |
| ROD/NID      | 22 months              | 26 months              | ~November 2011<br>(38 months) |
| Pres. Permit | 3/11/08<br>(23 months) | 8/20/09<br>(27 months) | ~December 2011<br>(39 months) |



**Questions?**