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Leading North American Energy Infrastructure Company

- Competitively positioned in pipeline and energy infrastructure
- Approximately $44 billion of premium pipeline and energy assets ($Cdn at Dec. 31, 2009)
- Employs approximately 4,200 people in nearly 50 professions, trades and fields
- $22 billion of commercially secured projects.
- Strong financial position
TransCanada Corporation
(TSX/NYSE: TRP)

- **Gas Pipelines**
  - 60,000 km wholly owned
  - 7,800 km partially owned
  - 250 Bcf of regulated natural gas storage capacity
  - Average volume of 14 Bcf/d

- **Oil Pipelines***
  - Keystone 1.1 million Bbl/d
  - Expandable to 1.5 million Bbl/d

- **Energy**
  - 20 power plants, 10,800 MW
  - Diversified portfolio, primarily low-cost, base-load generation
  - 130 Bcf of non-regulated natural gas storage capacity

* In development or under construction
Keystone will connect Canadian and Bakken supply with US demand

- Links growing supply in Western Canada, Montana & North Dakota with the largest refining markets in North America
- Approximately 1.1 million Bbl/d of capacity; expandable to approximately 1.5 million Bbl/d of capacity
- 910,000 Bbl/d committed for an average term of 18 years
Cushing Extension

Scope:
- New Pipeline from Steele City to Cushing: 298 miles 36”.
- 4 new pump stations
- 44 pump unit additions
- 11 new pump stations on Keystone Phase 1
- Increases throughput to 591,000 Bbl/d
- Pipeline construction approximately 99% complete.
- Facilities construction approximately 93% complete.
- Commercial in-service by Q1 2011
People Safety

- TransCanada’s procedures
- Top decile performance
- Behavior based safety
Pipeline Safety – TransCanada Best Practices
Right of Way – Reclamation
TransCanada is an Industry Leader in Pipeline Safety

**Pipeline Industry Comparison of Incident Frequency Distribution**

- **EU 2000-2007**: 0.14
- **CDN (CEPA) 2002-2007**: 0.14
- **US (PHMSA) 2000-2009**: 0.13
- **TC 2000-2009**: 0.11
Pipe Maintenance Efforts and Expenditures Increasing

Kilometers of In-Line Inspection

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<th>Km Inspected</th>
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<td>2009</td>
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Pipeline Maintenance Annual Costs

<table>
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<th>Year</th>
<th>Costs (in $)</th>
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<tbody>
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<tr>
<td>2008</td>
<td>200</td>
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<tr>
<td>2009</td>
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Emergency Response Exercise – On Site Command Center

- Management
- Communications
- Stakeholders
- Environment
- Landowners
- Documentation
Emergency Response Exercise – Boom deployment
Emergency Response Exercise
Operations Update

- Keystone Phase 1
  - In-service June 2010
  - Operational to Wood River / Patoka
  - Nominal Capacity is 435,000 Bbl/d

- Cushing Extension
  - Commercial in-service Q1 2011
  - Nominal capacity to 591,000 Bbl/d

- Keystone Gulf Coast Expansion (Keystone XL)
  - Projected in-service Q1 2013
  - Increases commercial capacity to 1,100,000 Bbl/d
• QUESTIONS/ANSWERS