



## CIBC Whistler Institutional Investor Conference

### January 21, 2015

Alex Pourbaix  
Executive VP & President, Development



## Forward Looking Information and Non-GAAP Measures



This presentation includes certain forward looking information to help current and potential investors understand management's assessment of our future plans and financial outlook, and our future prospects overall. Statements that are forward looking are based on certain assumptions and on what we know and expect today and generally include words like anticipate, expect, believe, may, will, should, estimate or other similar words. Forward looking statements do not guarantee future performance. Actual events and results could be significantly different because of assumptions, risks or uncertainties related to our business or events that happen after the date of this presentation. Our forward looking information is based on the following key assumptions: inflation rates, commodity prices and capacity prices, timing of financings and hedging, regulatory decisions and outcomes, foreign exchange rates, interest rates, tax rates, planned and unplanned outages and the use of our pipeline and energy assets, integrity and reliability of our assets, access to capital markets, anticipated construction costs, schedules and completion dates, acquisitions and divestitures.

Our forward looking information is subject to risks and uncertainties, including but not limited to: our ability to successfully implement our strategic initiatives and whether they will yield the expected benefits, the operating performance of our pipeline and energy assets, economic and competitive conditions in North America and globally, the availability and price of energy commodities, regulatory decisions and outcomes, outcomes of legal proceedings, including arbitration, performance of our counterparties, changes in the political environment, changes in environmental and other laws and regulations, construction and completion of capital projects, labour, equipment and material costs, access to capital markets, interest and foreign exchange rates, weather, cyber security and technological developments. You can read more about these risks and others in our most recent Quarterly Report to Shareholders and 2013 Annual Report filed with Canadian securities regulators and the U.S. Securities and Exchange Commission (SEC) and available at [www.transcanada.com](http://www.transcanada.com).

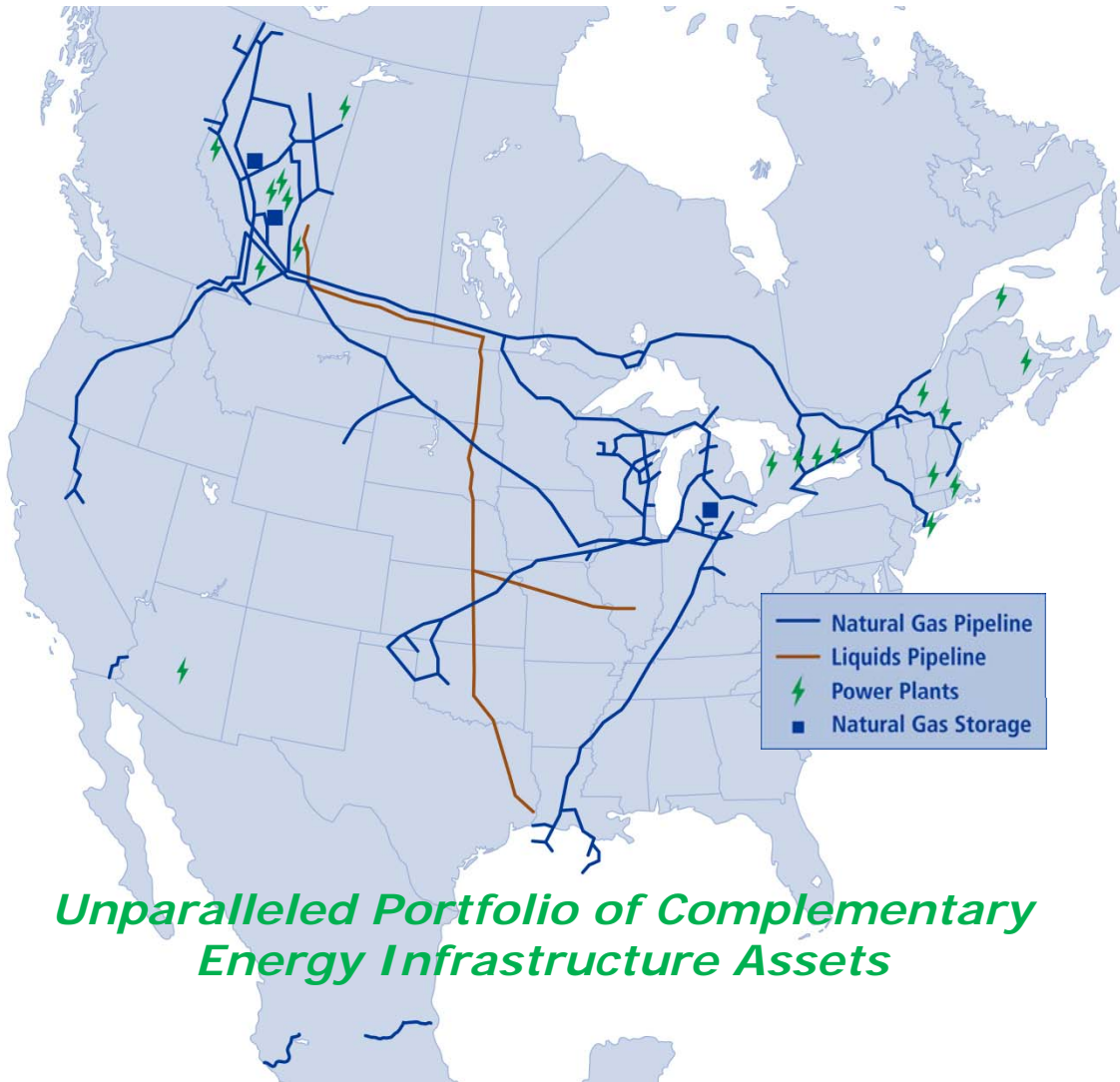
As actual results could vary significantly from the forward looking information, you should not put undue reliance on forward looking information and should not use future-oriented information or financial outlooks for anything other than their intended purpose. All forward looking information in this presentation is expressly qualified in its entirety by these cautionary statements. We do not update our forward looking statements due to new information or future events, unless we are required to by law.

This presentation contains reference to certain financial measures (non-GAAP measures) that do not have any standardized meaning as prescribed by U.S. generally accepted accounting principles (GAAP) and therefore may not be comparable to similar measures presented by other entities. These non-GAAP measures may include Comparable Earnings, Comparable Earnings per Share, Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA), Comparable EBITDA, Earnings Before Interest and Taxes (EBIT), Comparable EBIT, Comparable Interest Expense, Comparable Interest Income and Other, Comparable Income Taxes and Funds Generated from Operations. Reconciliations to the most closely related GAAP measures are included in our most recent Quarterly Report to Shareholders filed with Canadian securities regulators and the SEC and available at [www.transcanada.com](http://www.transcanada.com).

## TransCanada Today

- **One of North America's Largest Natural Gas Pipeline Networks**
  - 68,000 km (42,000 mi) of pipeline
  - 406 Bcf of storage capacity
  - 14 Bcf/d or 20% of continental demand
- **Premier Liquids Pipeline System**
  - 4,250 km (2,600 mi) of pipeline
  - 530,000 bbl/d or 18% of Western Canadian production
- **Largest Private Sector Power Generator in Canada**
  - 19 power plants, 10,900 MW
- **Total Assets ~ \$57 billion**

*Unparalleled Portfolio of Complementary  
Energy Infrastructure Assets*



## We Made Significant Progress in 2014



- ✓ \$3.7 billion of new assets placed into service, including Gulf Coast Extension
- ✓ \$6.6 billion of new commercially secured projects
- ✓ Received NEB approval for Canadian Mainline settlement
- ✓ ANR Pipeline System secured 2.0 Bcf/d of firm long-term commitments
- ✓ Northern Courier, Grand Rapids and Napanee regulatory approvals received
- ✓ Coastal GasLink and Prince Rupert progressing through permitting process
- ✓ Energy East and Eastern Mainline Project regulatory applications filed
- ✓ MLP strategy advanced with the sale of Bison and proposed sale of GTN
- ✓ \$1.7 billion of financing completed at very compelling rates





## \$45 Billion Portfolio of Commercially Secured Projects\*

- **Industry-leading growth portfolio**
  - \$24 billion of liquids pipelines
  - \$19 billion of natural gas pipelines
  - \$2 billion of power generation facilities
- **All backed by long-term contracts or a regulated cost-of-service business model**



## \$12 Billion of Small to Medium-Sized Projects



Project	Expected In-Service Date*	Capital Cost*	Amount Spent	EBITDA Growth* 2013A – 2017E	
Ontario Solar	2014-2015	0.5	0.4	<div>~8% CAGR</div> <div> <p>\$Billions</p> <p>2013A: \$4.0B</p> <p>2017E: \$6.0B</p> <p>59% Natural Gas Pipelines</p> <p>15% Liquids Pipelines</p> <p>26% Energy &amp; Corporate</p> <p>2017E Contributions:</p> <ul style="list-style-type: none"> <li>23% Napanee and Ontario Solar</li> <li>21% Alberta Liquids Pipelines and Terminals</li> <li>56% Total</li> </ul> </div>	
NGTL System	2014-2017	5.1	0.4		
Houston Lateral	2015	US0.6	US0.4		
Canadian Mainline	2015-2016	0.5	--		
Topolobampo	2016	US1.0	US0.6		
Mazatlan	2016	US0.4	US0.1		
Heartland & TC Terminals	2016	0.9	0.1		
Grand Rapids	2016-2017	1.5	0.2		
Northern Courier	2017	0.8	0.1		
Napanee	2017-2018	1.0	--		
Total		12.3	2.3	2013A	2017E

**Expected to Drive  
~8% CAGR in EBITDA through 2017**

\* TransCanada share in billions of dollars. Certain projects are subject to various conditions including corporate and regulatory approvals. Includes existing assets, non-controlling interests in U.S. Natural Gas Pipelines and full year EBITDA contribution from \$12 billion of commercially secured projects expected to be in service by the end of 2017.

## \$33 Billion of Commercially Secured Large-Scale Projects\*



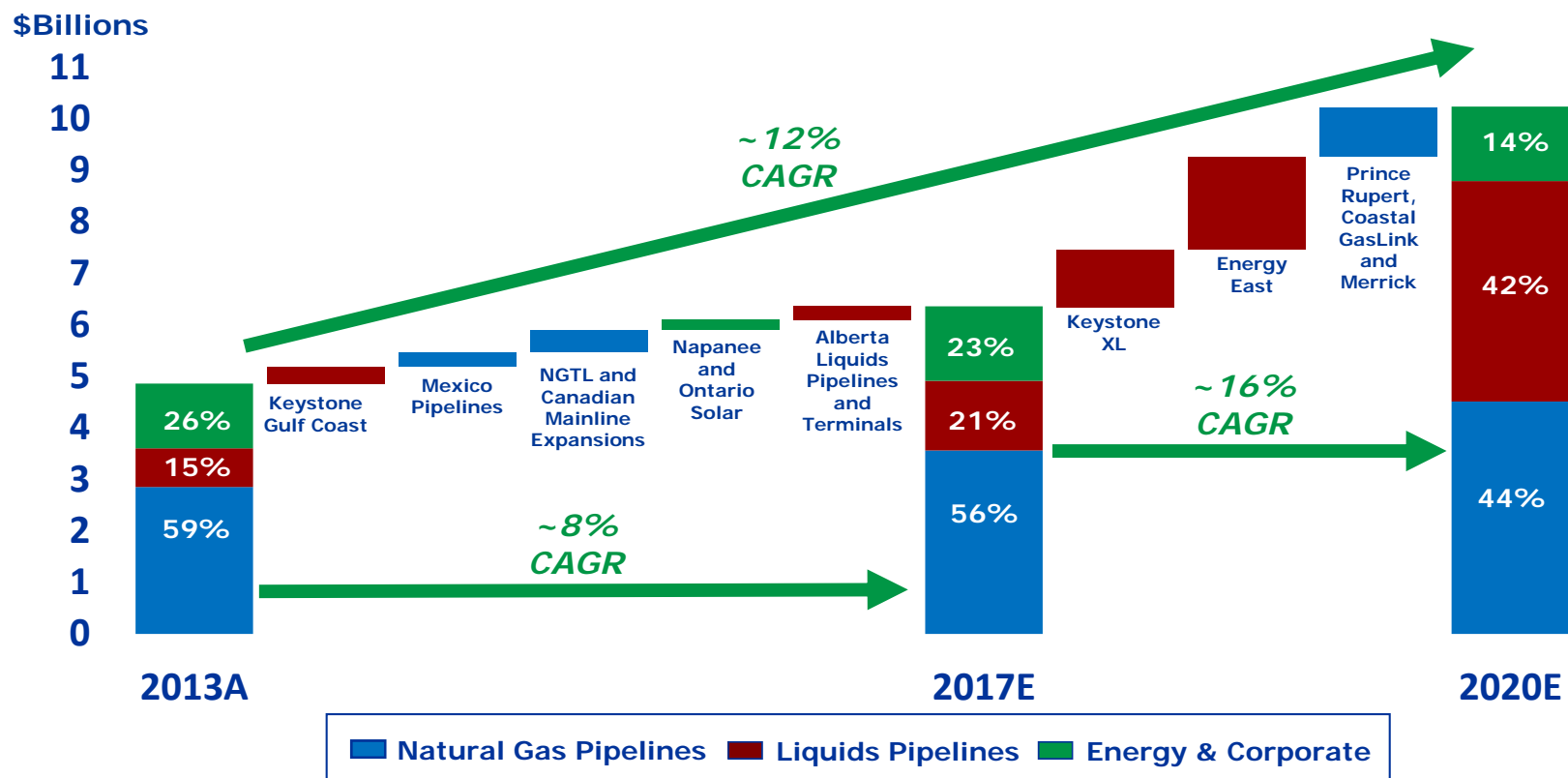
- **Five transformational projects**
  - Energy East (\$12 billion) and related Eastern Mainline Expansion (\$1.5 billion)
  - Keystone XL (US\$8 billion) and related Hardisty Terminal (\$0.3 billion)
  - Prince Rupert Gas Transmission (\$5 billion)
  - Coastal GasLink (\$4 billion)
  - NGTL Merrick Mainline (\$1.9 billion)
- **Establish us as leaders in the transportation of crude oil and natural gas for LNG export**
  - 2 million bbl/d of liquids pipeline capacity
  - 4+ Bcf/d of natural gas pipeline export capacity
- **EBITDA from five projects expected to total approximately \$4 billion**

*Creating North America's  
Pre-eminent  
Energy Infrastructure  
Company*



\* Projects are subject to various conditions including corporate and regulatory approvals.

## Realizing Our Vision – 2020 EBITDA Outlook\*



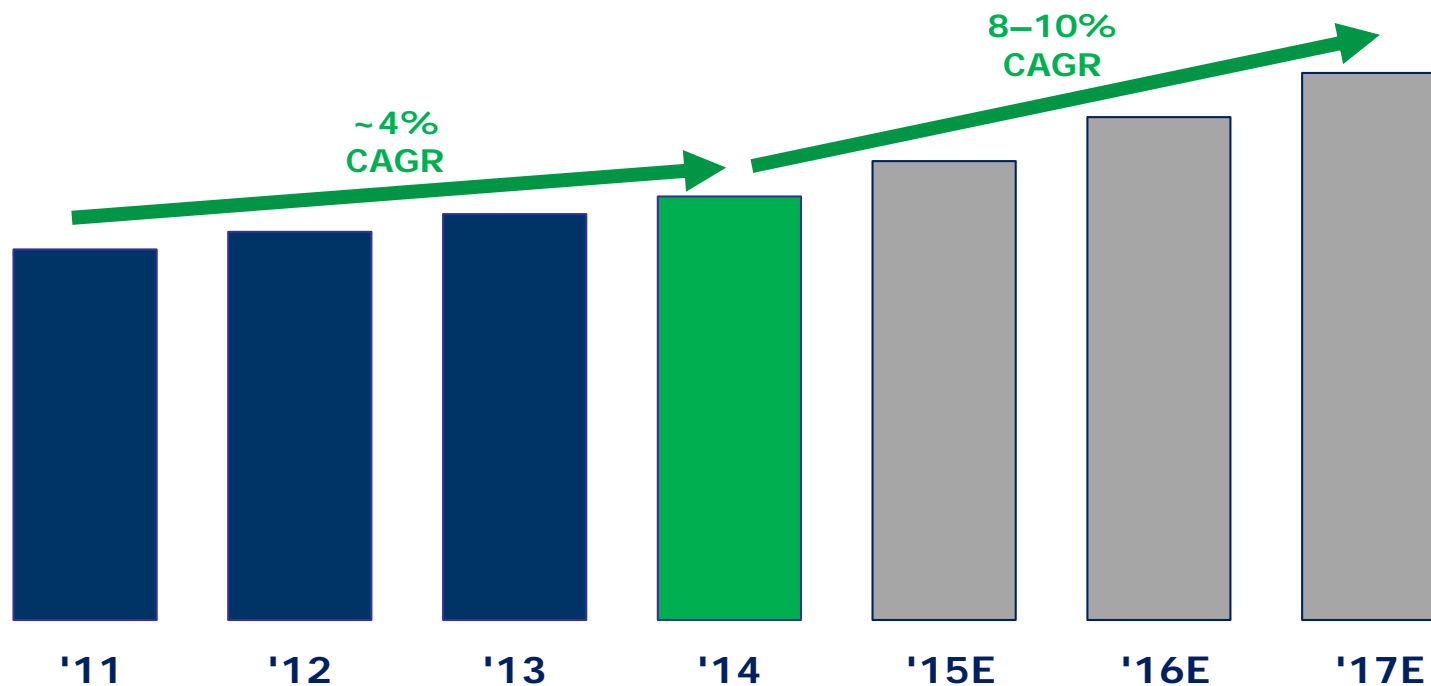
\* Includes existing assets, non-controlling interests in U.S. Natural Gas Pipelines and \$45 billion of commercially secured projects expected to be in service by 2020, subject to various conditions including corporate and regulatory approvals.



## Dividend Growth Poised to Accelerate



*Growth Rate Expected to Double Through 2017...  
Supported by Base Business and Small to Medium-Sized Projects...*



*Large-Scale Project Success Augments Growth Through 2018 and Beyond*

## Key Takeaways



# Track Record of Delivering Long-Term Shareholder Value

*15% average annual return since 2000*

### Industry-Leading Growth Portfolio

*\$45 billion of  
secured projects*

### Attractive, Growing Dividend

*3.6% yield at current rate  
8-10% CAGR through 2017*

### Strong Financial Position

*Numerous levers available  
to fund growth*



## CIBC Whistler Institutional Investor Conference January 21, 2015

Alex Pourbaix  
Executive VP & President, Development

