



Fourth Quarter 2016 Financial Results and Business Outlook

February 16, 2017

Forward Looking Information and Non-GAAP Measures

This presentation includes certain forward looking information, including future oriented financial information or financial outlook, which is intended 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.

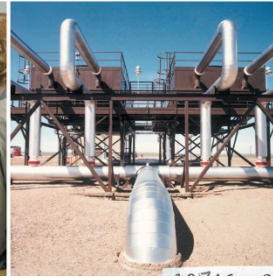
Forward-looking statements do not guarantee future performance. Actual events and results could be significantly different because of assumptions, risks or uncertainties related to our business or events that happen after the date of this presentation. Our forward-looking information in this presentation includes statements related to: future dividend growth, the completion of the transactions contemplated by our agreements to sell our U.S. Northeast power assets and our agreement to acquire all of the outstanding common units of Columbia Pipeline Partners LP (CPPL), the future growth of our Mexico natural gas pipeline business and our successful integration of Columbia.

Our forward looking information is based on certain key assumptions and 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 including the expected benefits of the acquisition of Columbia and the expected growth of our Mexico natural gas pipeline business, timing and completion of our planned asset sales, 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 and changes in market commodity prices, the amount of capacity sold and rates achieved in our pipeline businesses, the amount of capacity payments and revenues we receive from our energy business, regulatory decisions and outcomes, outcomes of legal proceedings, including arbitration and insurance claims, 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, inflation and foreign exchange rates, weather, cyber security and technological developments. You can read more about these risks and others in our Fourth Quarter 2016 Financial Highlights release and 2016 Annual Report filed with Canadian securities regulators and the SEC and available at 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. 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, Comparable Earnings Before Interest, Taxes, Depreciation and Amortization (Comparable EBITDA), Funds Generated from Operations, Comparable Funds Generated from Operations, Comparable Distributable Cash Flow (DCF) and Comparable DCF per share. Reconciliations to the most closely related GAAP measures are included in this presentation and in our Fourth Quarter 2016 Financial Highlights release filed with Canadian securities regulators and the SEC and available at www.transcanada.com.

Russ Girling President & CEO



2016 – A Transformational Year



Acquired Columbia Pipeline Group for US\$13 Billion

- Created one of North America's largest natural gas transmission businesses



Agreed to Acquire Columbia Pipeline Partners LP Common Units

- US\$915 million acquisition expected to close in first quarter 2017
- Results in 100% ownership of Columbia's core assets and simplifies structure



Added \$13 Billion of New Projects to Near-Term Growth Portfolio

- Includes Columbia and NGTL System expansions and two new pipelines in Mexico



Agreed to Sell U.S. Northeast Power Business

- Expect to realize ~US\$3.7 billion from monetization
- Asset sales expected to close in first half of 2017
- Proceeds will be used to retire balance of acquisition bridge facility



Maintained Our Financial Strength and Flexibility

- Issued \$11 billion of subordinated capital including common and preferred shares
- Maintained 'A' grade credit rating

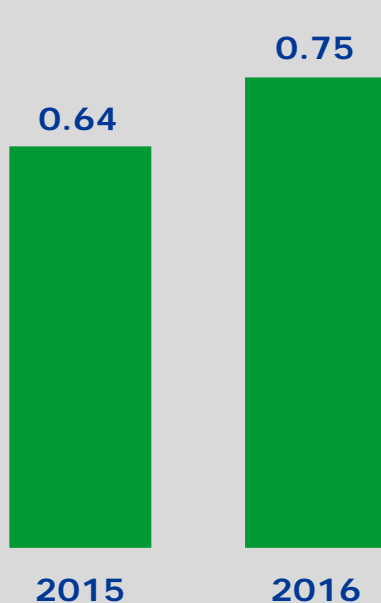
Actions Expected to be Accretive to Earnings and Cash Flow Per Share

Financial Highlights – Three Months Ended December 31 (Non-GAAP)

Comparable Earnings per Share*

(Dollars)

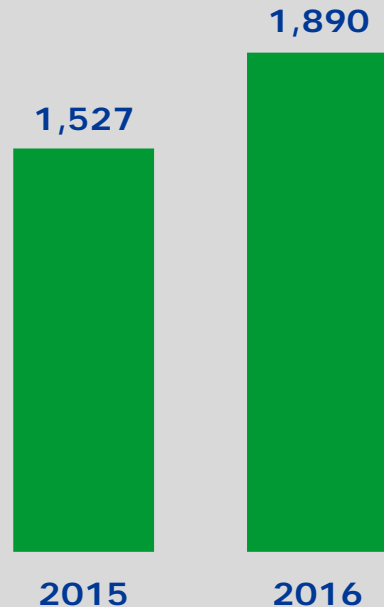
17% Increase



Comparable EBITDA*

(\$Millions)

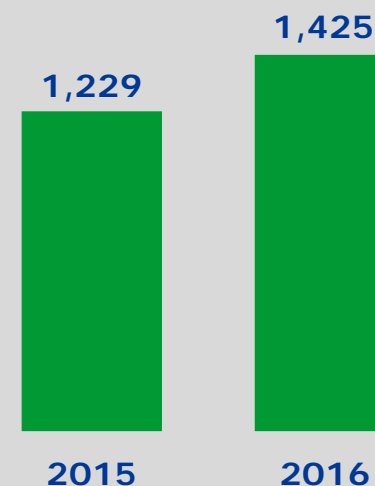
24% Increase



Comparable Funds Generated from Operations*

(\$Millions)

16% Increase



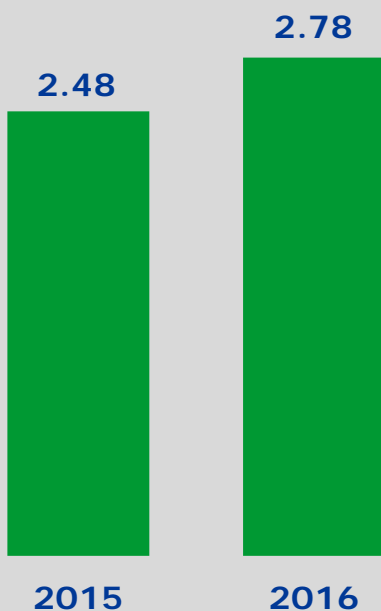
**Comparable Earnings per Share, Comparable EBITDA and Comparable Funds Generated from Operations are non-GAAP measures. See the non-GAAP measures slide at the front of this presentation for more information.*

Financial Highlights – Twelve Months Ended December 31 (Non-GAAP)

Comparable Earnings per Share*

(Dollars)

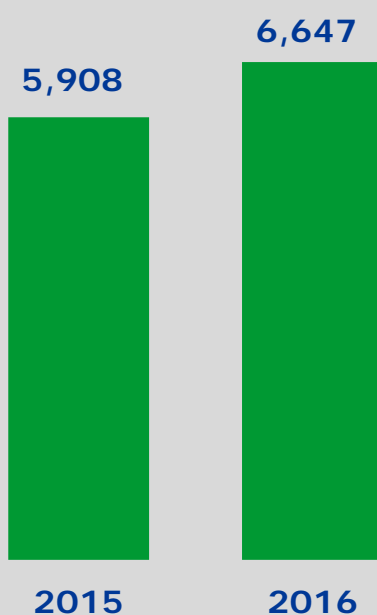
12% Increase



Comparable EBITDA*

(\$Millions)

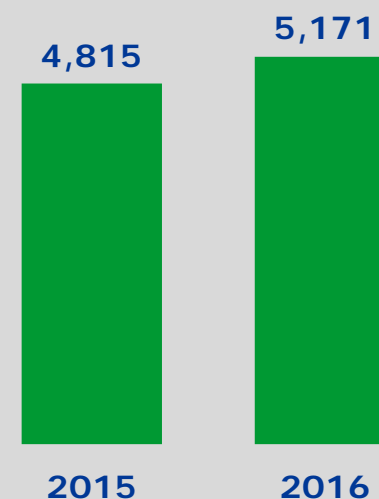
13% Increase



Comparable Funds Generated from Operations*

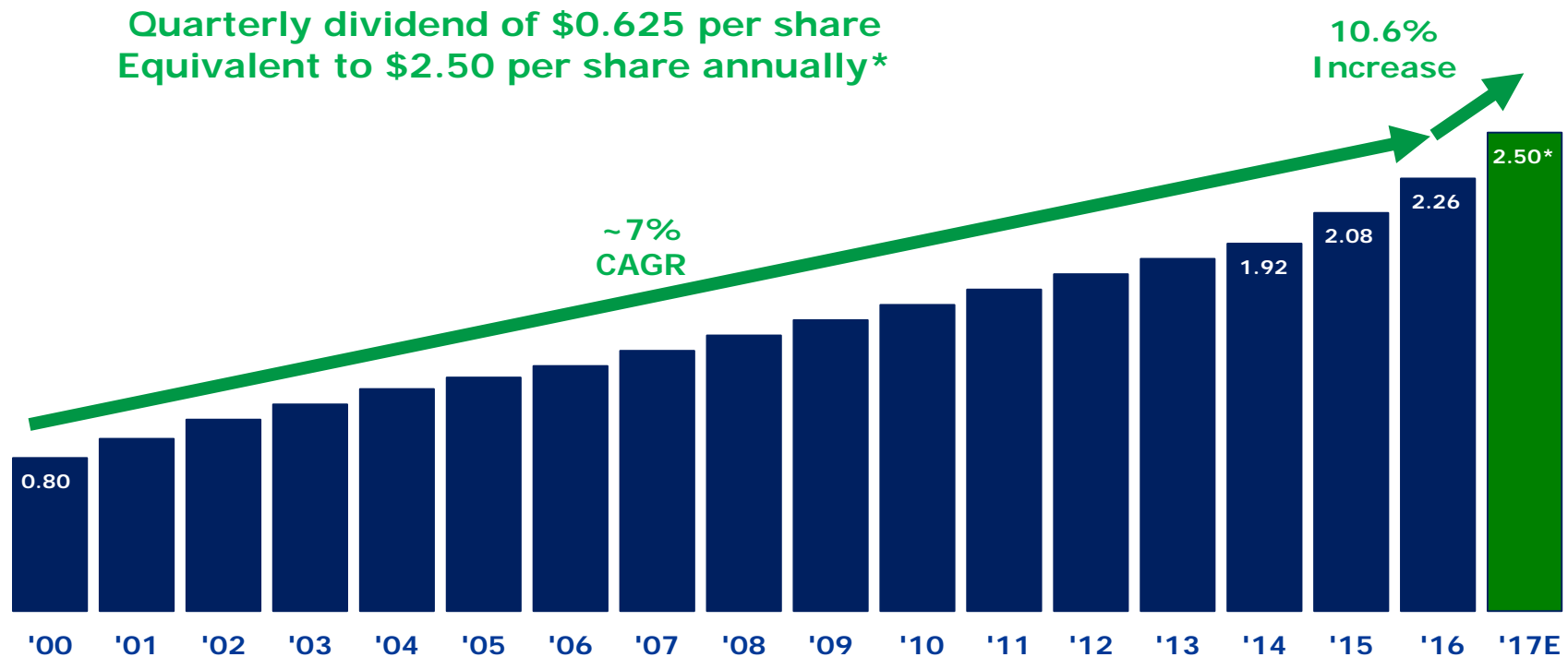
(\$Millions)

7% Increase



**Comparable Earnings per Share, Comparable EBITDA and Comparable Funds Generated from Operations are non-GAAP measures. See the non-GAAP measures slide at the front of this presentation for more information.*

Common Share Dividend Increased 10.6 Percent



Seventeenth Consecutive Annual Dividend Increase

* Annual rate based on first quarter dividend of \$0.625 per share

Where We Are Today



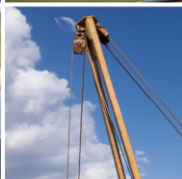
Proven Strategy – Low Risk Business Model

- Over 95% of Comparable EBITDA derived from regulated assets or long-term contracts following monetization of U.S. Northeast Power business



Diversified High-Quality Assets Provide Multiple Platforms for Growth

- Five operating businesses, in three core geographies
- Canadian, U.S. and Mexico natural gas pipelines, liquids pipelines and energy



Visible Growth Through 2020

- \$23 billion of near-term growth projects advancing
- Additional organic growth expected from existing base businesses
- Over \$45 billion of commercially secured medium- to longer-term projects



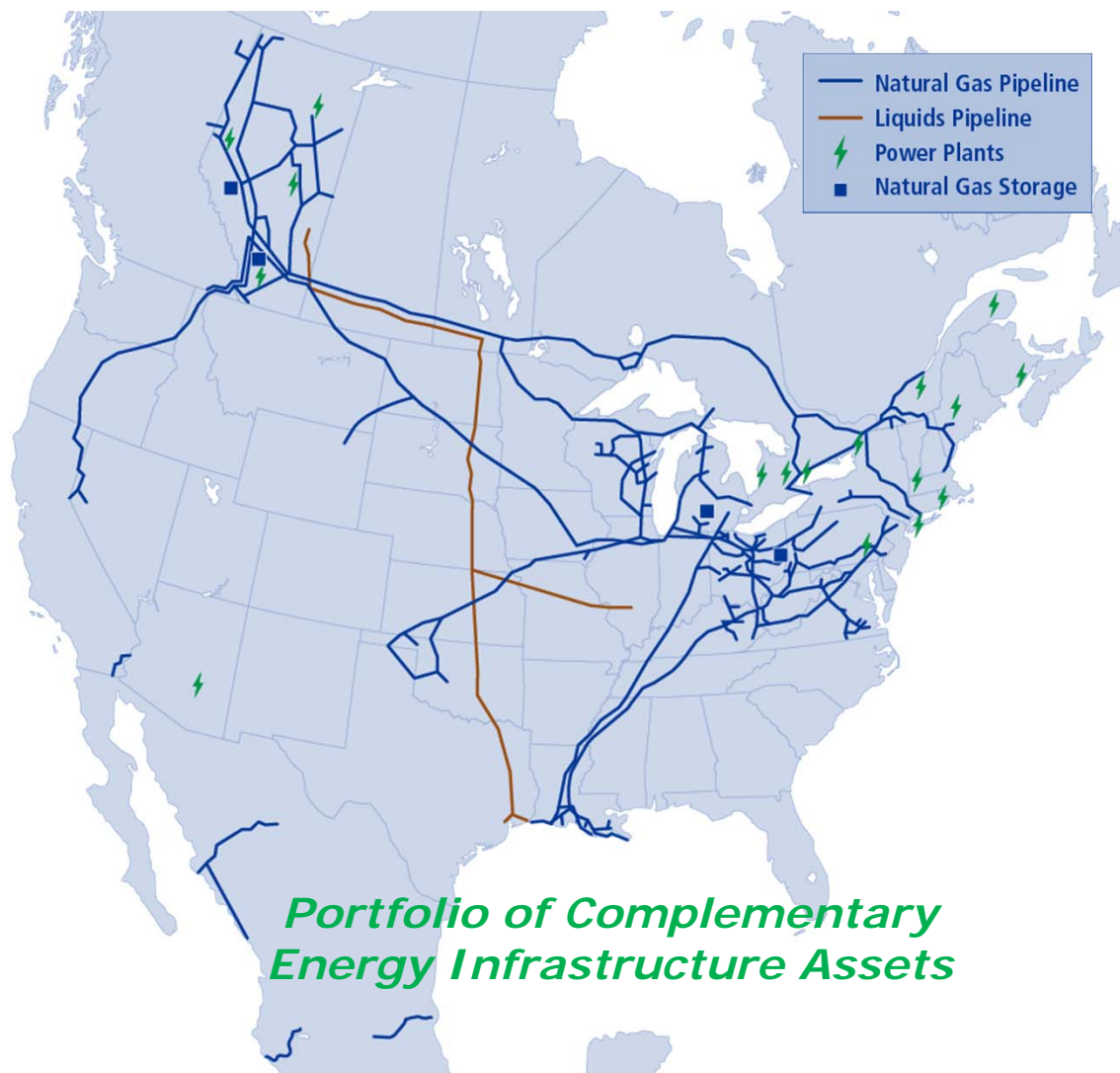
Dividend Poised to Grow Through 2020

- Expected annual dividend growth at upper end of 8 to 10% range



Financial Discipline

- Value 'A' grade credit rating
- Corporate structure is simple and understandable



TransCanada Today

- **One of North America's Largest Natural Gas Pipeline Networks**
 - 91,500 km (56,900 mi) of pipeline
 - 653 bcf of storage capacity
 - 23 bcf/d; ~25% of continental demand
- **Premier Liquids Pipeline System**
 - 4,300 km (2,700 mi) of pipeline
 - 545,000 bbl/d; ~20% of Western Canadian exports
- **One of the Largest Private Sector Power Generators in Canada**
 - 17 power plants, 10,700 MW*
 - Primarily long-term contracted assets following sale of U.S. Northeast Power
- **Enterprise value of ~\$100 billion as of December 31, 2016**

* Includes U.S. Northeast Power assets held for sale

\$23 Billion Commercially Secured Near-Term Capital Program



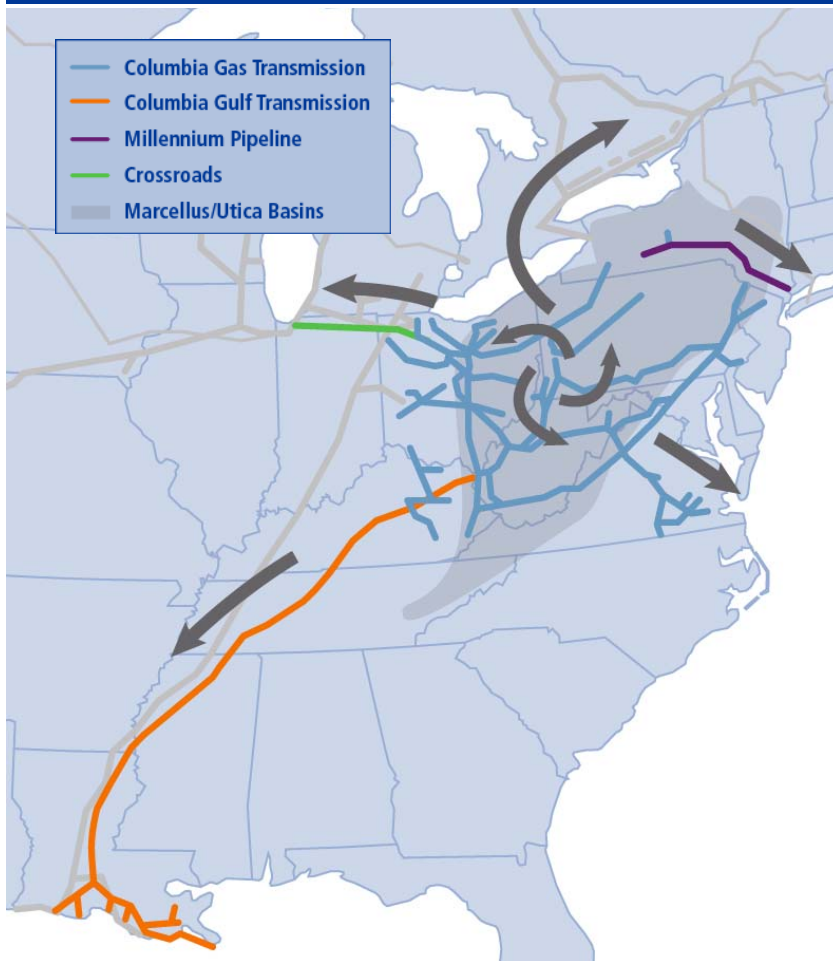
Project	Estimated Capital Cost*	Invested to Date	Expected In-Service Date *
Columbia	US\$7.1	US\$1.2	2017-2020
NGTL System	5.4	0.8	2017-2020
Canadian Mainline	0.3	0.1	2017-2018
Tula	US\$0.6	US\$0.3	2018
Villa de Reyes	US\$0.6	US\$0.2	2018
Sur de Texas	US\$1.3	US\$0.1	2018
Grand Rapids	0.9	0.8	2017
Northern Courier	1.0	0.9	2017
White Spruce	0.2	-	2018
Napanee	1.1	0.7	2018
Bruce Power Life Extension	1.1	0.1	Up to 2020+
Foreign Exchange Impact (1.34 exchange rate)	3.3	0.6	-
Total Canadian Equivalent	22.9	5.8	

* TransCanada share in billions of dollars. Certain projects are subject to various conditions including corporate and regulatory approvals.

***Underpinned by Long-Term Contracts or
Cost-of-Service Regulation***

Illustrates the configuration of TransCanada's near-term projects

Columbia – Premium Natural Gas Pipeline Network



- **Strong incumbency position in U.S. Northeast**
 - Well positioned to connect Marcellus and Utica supply to domestic and LNG export markets
- **Realizing US\$250 million of annualized benefits with full impact expected in 2018**
- **Advancing US\$7.1 billion near-term capital program**
 - Projects underpinned by long-term contracts
 - US\$2.3 billion expected to be in-service in 2017
- **Appalachian production expected to grow from ~20 bcf/d in 2015 to over 30 bcf/d by 2020**
 - Additional investment opportunities expected to connect growing supply to market

*Premium Natural Gas Pipeline Network
Complements Our Existing Assets*

Diversified Portfolio of U.S. Natural Gas Pipelines

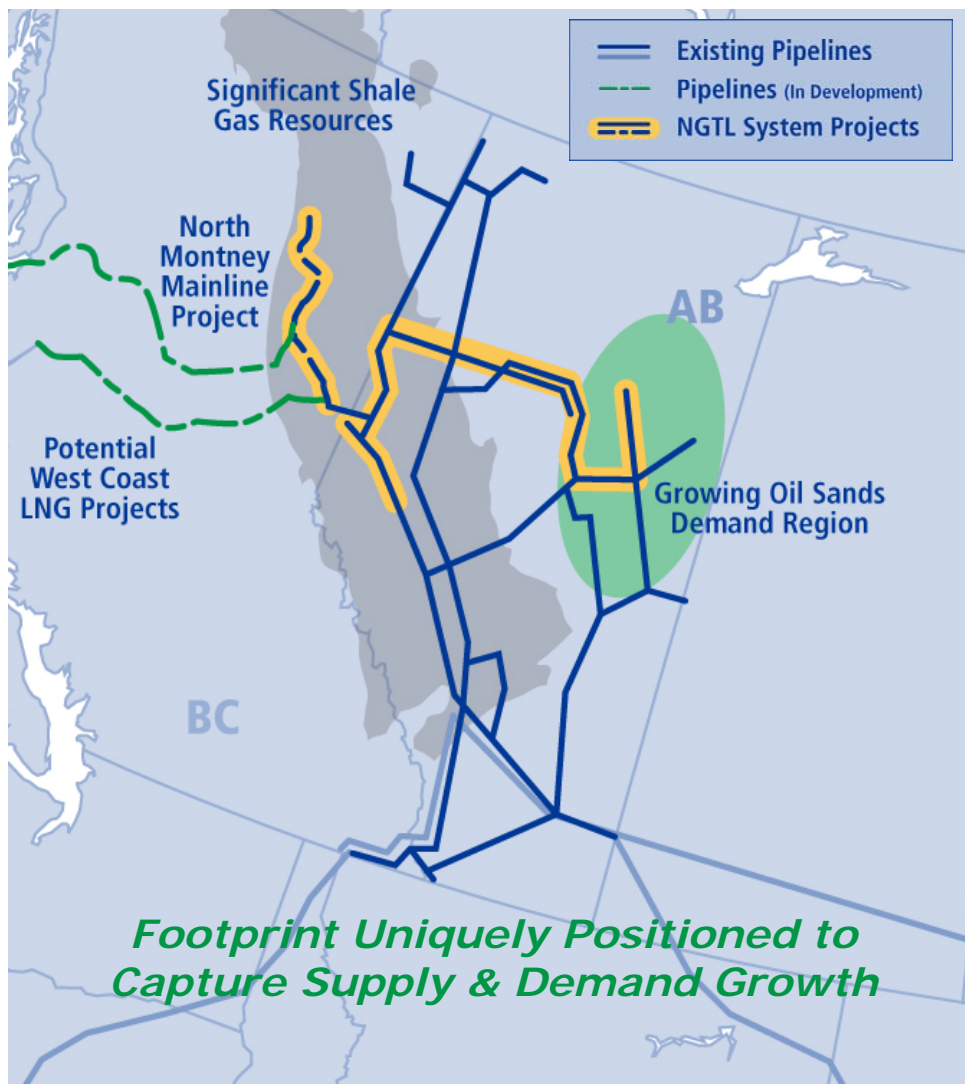


- **Well-positioned with access to multiple supply basins and large market areas**
 - ANR to benefit from rate case settlement which includes US\$837 million of maintenance capital for reliability and modernization projects that is reflected in rates
 - GTN opportunities from NGTL expansion
 - Great Lakes could benefit from Mainline contract changes
 - Iroquois and PNGTS well positioned for expansions
 - Pursuing longer term revenue enhancements across our extensive network that includes Columbia, ANR, Eastern Canadian Mainline and other interconnected pipelines
- **TC PipeLines, LP**
 - Core element of TransCanada's strategy
 - Track record of disciplined growth
 - TransCanada operates assets, owns general partner and holds a 27% interest
 - Currently at 'high split' of 25% GP/LP IDR

Asset	TransCanada Effective Ownership (%) [*]	TC PipeLines, LP Ownership (%)
ANR	100	0
Columbia (post closing of CPPL acquisition)	100	0
Great Lakes	66	46
Iroquois	50	0
Bison, GTN, North Baja & Tuscarora	27	100
PNGTS	25	49.9
Northern Border	13	50

^{*} Ownership in Great Lakes, Bison, GTN, North Baja, Tuscarora, PNGTS and Northern Border includes ownership through TransCanada's 27% ownership in TC PipeLines, LP

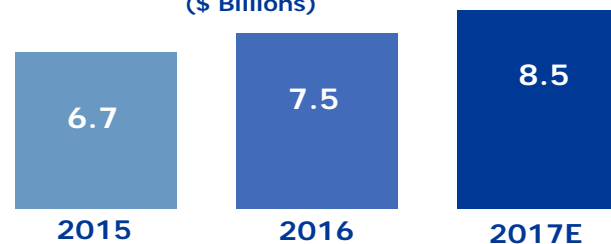
Premium Natural Gas Pipeline Network



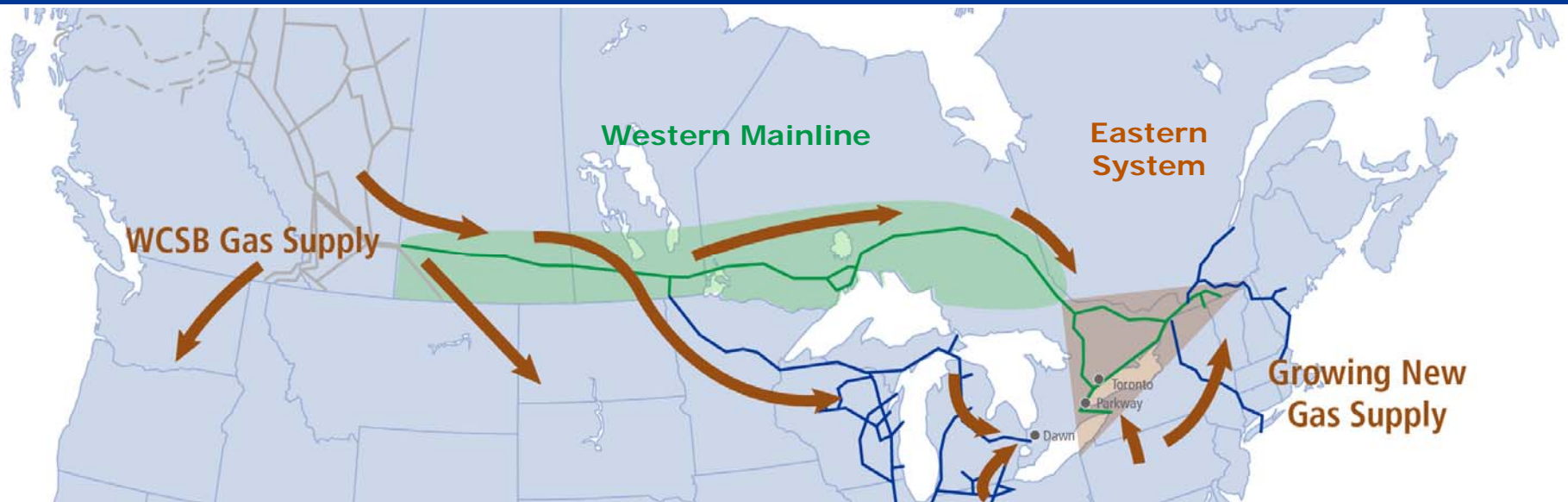
NGTL System's Unparalleled Position

- **Primary transporter of WCSB supply**
 - Field receipts averaged ~ 11.3 bcf/d in 2016
 - Intra-Alberta peak day deliveries in excess of 6.5 bcf/d
- **Key connections to Alberta and export markets**
 - System provides optionality and liquidity
- **Regulated system with 2017 allowed ROE of 10.1% on 40% deemed equity, plus incentives**
- **\$5.4 billion near-term capital program**
 - Expected in-service through 2020
 - \$1.6 billion of new facilities entering service in 2017
- **Additional investment expected to connect growing supply to local and downstream markets**
- **Well positioned for West Coast LNG exports**

Average Investment Base
(\$ Billions)



Canadian Mainline – Connecting North American Gas Supply to Market



- **LDC Settlement created long-term stability and reduced risk**
 - Agreement runs through 2020; Eastern System supported by cost-of-service regulation through 2030
 - Base ROE of 10.1% on 40% deemed equity; contribution and incentives could result in ROE of 8.7% to 11.5%
- **Strong ongoing operating and financial performance**
- **Expect to invest ~ \$300 million in 2017 to increase capacity from Dawn to eastern markets**
- **Expect further growth in Eastern System as additional gas becomes available in the region**
- **Remain in discussions on long-term load attraction services on Western Mainline**

Mexico – Solid Position and Growing

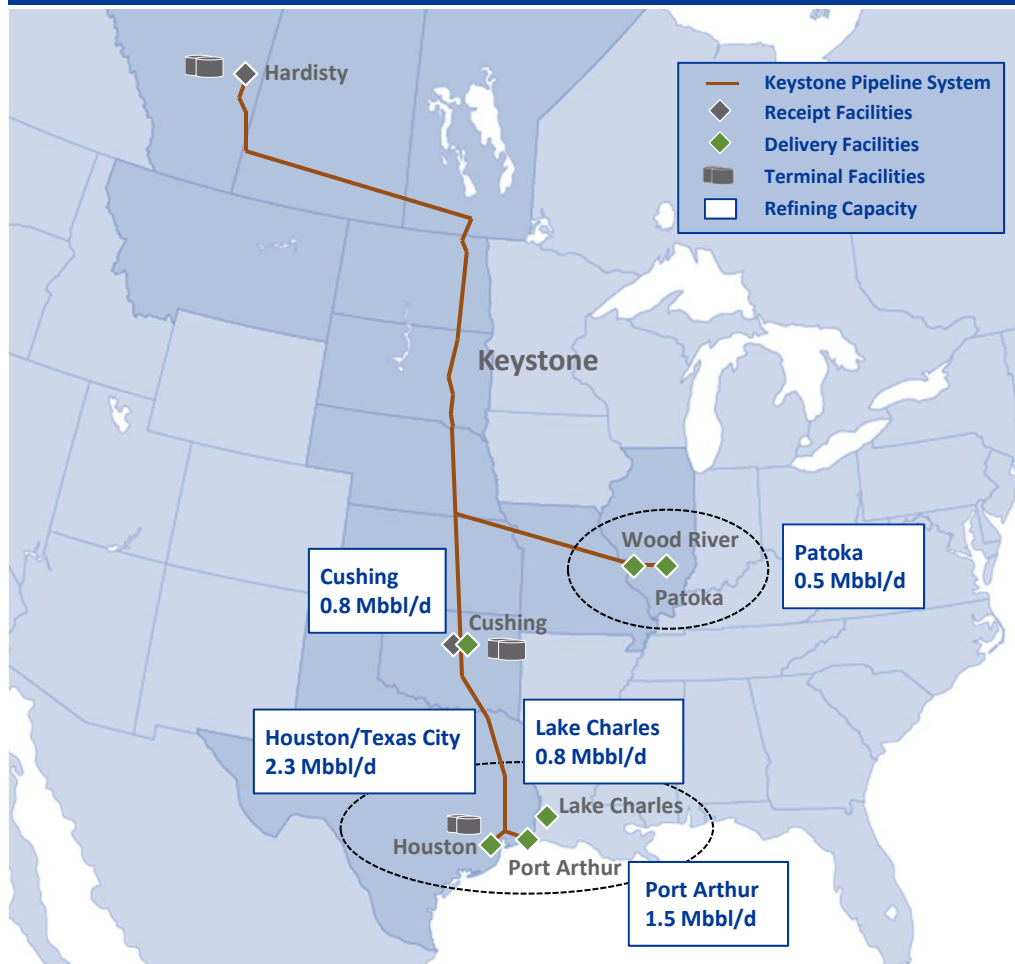


- **Four revenue-generating pipelines**
 - Tamazunchale
 - Mazatlán
 - Guadalajara
 - Topolobampo
- **Three new projects expected to enter service in 2018 will increase portfolio to ~ US\$5 billion**
 - Tula – US\$0.6 billion
 - Villa de Reyes – US\$0.6 billion
 - Sur de Texas – US\$1.3 billion*
- **All underpinned by long-term contracts with the Comisión Federal de Electricidad**
- **Once completed, portfolio expected to generate annual EBITDA of ~ US\$575 million**
- **Well positioned to connect U.S. natural gas supply to growing power generation and industrial markets in central Mexico**

*Developing an Integrated
Natural Gas Delivery System*

* TransCanada's 60% share

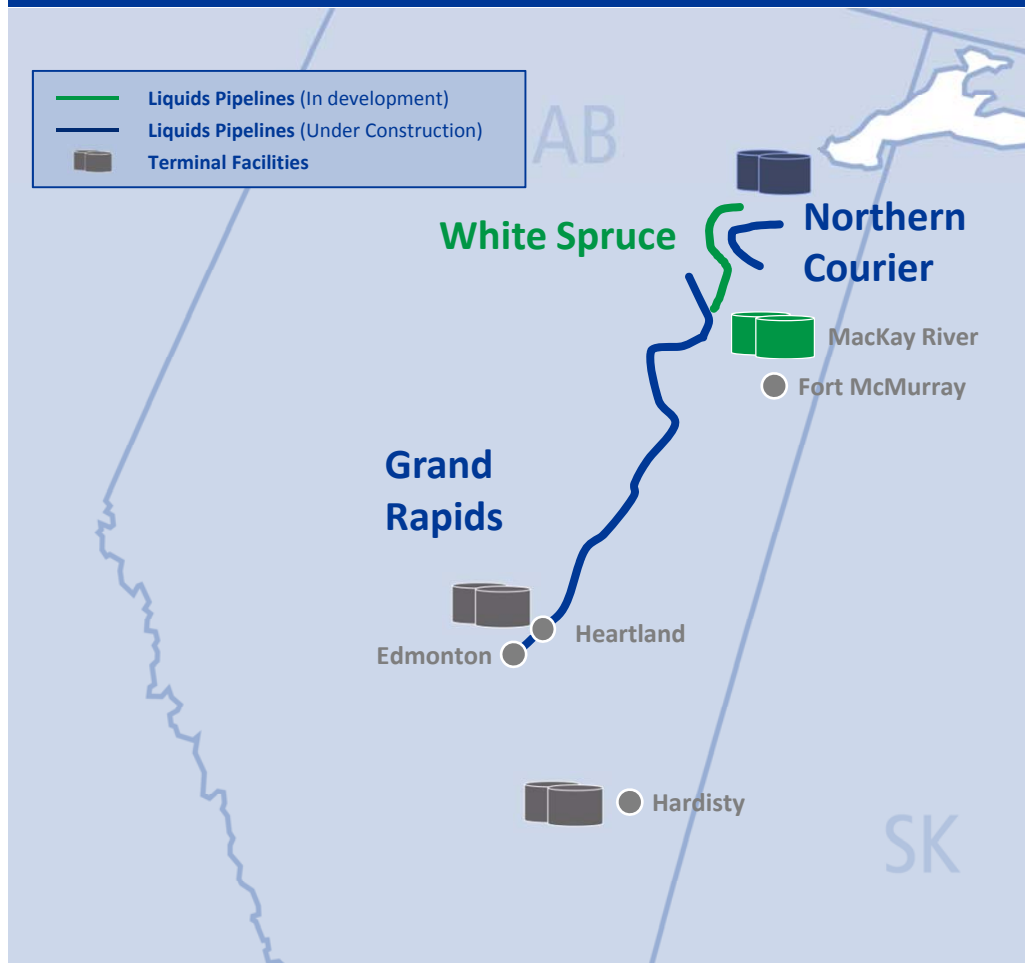
Keystone – A Premier Liquids Pipelines Business



- 545,000 bbl/d of long-term, long-haul contracts with fixed monthly payments
- Transports ~20% of western Canadian crude oil exports
- Provides market access to ~6 million bbl/d of refining capacity
- Safely moved over 1.4 billion barrels since operations commenced
- New market connections could provide opportunities for growth

*Critical Infrastructure with
Strong Operational Track Record*

Building a Regional Liquids Pipeline System



- **Construction of \$1 billion Northern Courier advancing**
 - 25-year contract with Fort Hills Partnership
 - Expected to be in-service in 2017
- **Construction of \$900 million* Grand Rapids project progressing**
 - 50/50 joint venture and 25-year contract with Brion Energy
 - Expected to be in-service in 2017
- **\$200 million White Spruce pipeline will transport crude oil to the Grand Rapids system and is expected to be in-service in 2018**
- **Additional market connections could provide opportunities for growth**

**TransCanada's share*

Well Established Energy Platform



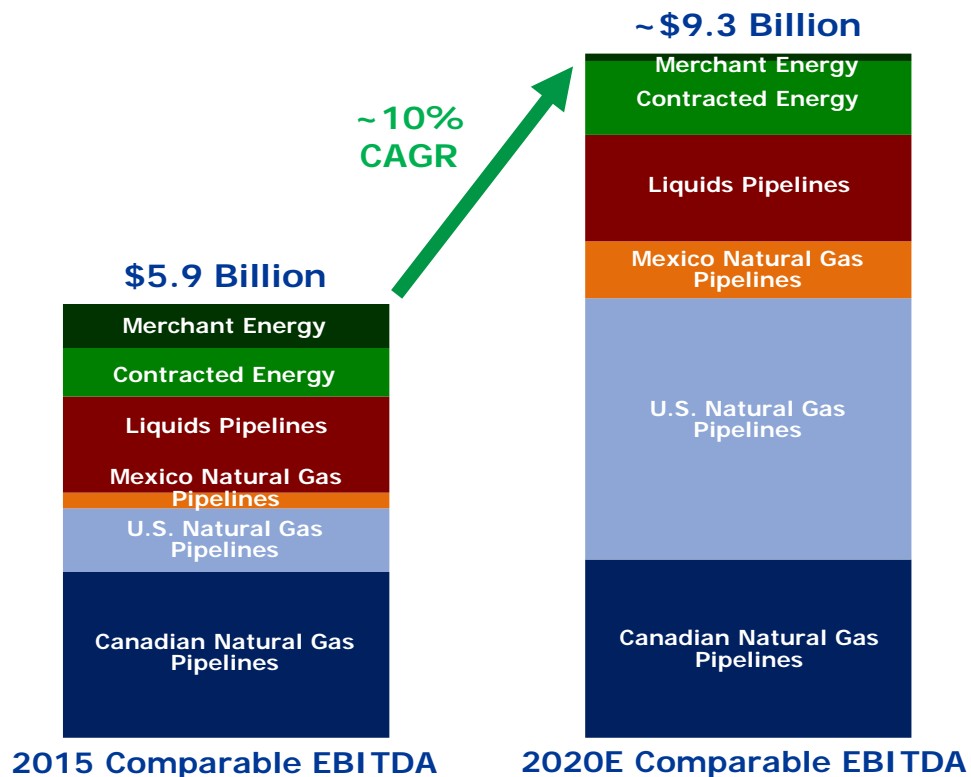
- **Alberta PPA terminations now fully settled**
- **U.S. Northeast Power asset sales expected to close in first half 2017**
- **Balance of portfolio underpinned primarily by long-term contracts with solid counterparties**
 - 6,200 MW of power generation
 - 118 bcf of natural gas storage capacity
 - Minimal merchant power exposure
 - Generated EBITDA of \$765 million in 2016
- **Construction progressing on \$1.1 billion Napanee project; expected in-service in 2018**
 - 900 MW plant; long-term contract with Ontario Independent Electricity System Operator (IESO)
- **Work continues on Bruce Power refurbishment**
- **Continue to pursue growth opportunities in our core geographies:**
 - Natural gas-fired generation
 - Renewables including wind, solar and hydro

An aerial photograph of the Fukushima Daiichi Nuclear Power Plant site. The image shows the damaged reactor buildings, containment domes, and surrounding infrastructure. The site is located near a body of water, and there are various structures, including storage tanks and a large building with a crane. The area appears to be a mix of industrial and natural landscape.

- | Major Component Replacement Planned Outage Schedule | | | | | | | | | | | | | |
|---|------|------|--------|--------|--------|--------|--------|------|------|------|------|------|------|
| 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 |
| Unit 6 | | | | | | | | | | | | | |
| | | | Unit 3 | | | | | | | | | | |
| | | | | Unit 4 | | | | | | | | | |
| | | | | | Unit 5 | | | | | | | | |
| | | | | | | Unit 7 | | | | | | | |
| | | | | | | | Unit 8 | | | | | | |

**TransCanada's share in 2014 dollars*

Columbia Acquisition & Near-term Capital Program Drive Significant Growth

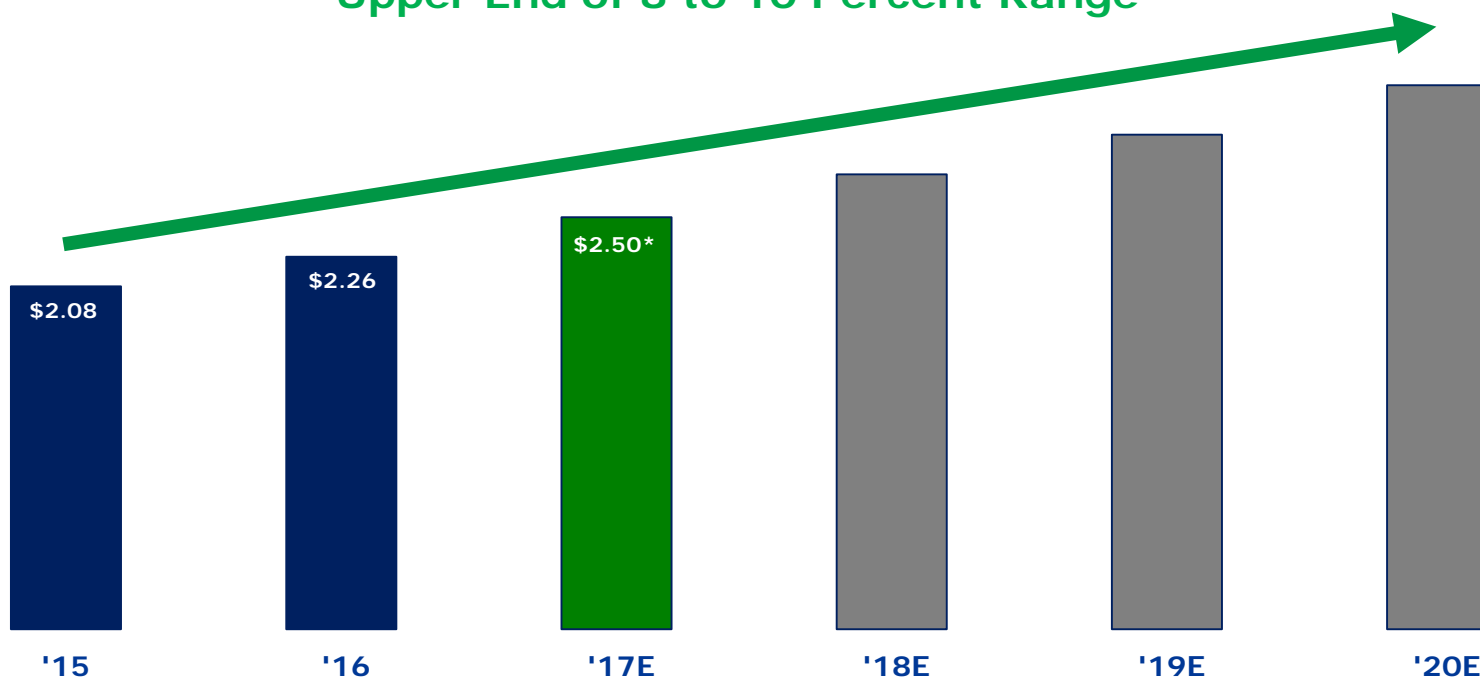


Over 95% of Comparable EBITDA to come from regulated or long-term contracted assets

*Comparable EBITDA is a non-GAAP measure. See the non-GAAP measures slide at the front of this presentation for more information.

Dividend Growth Outlook Through 2020

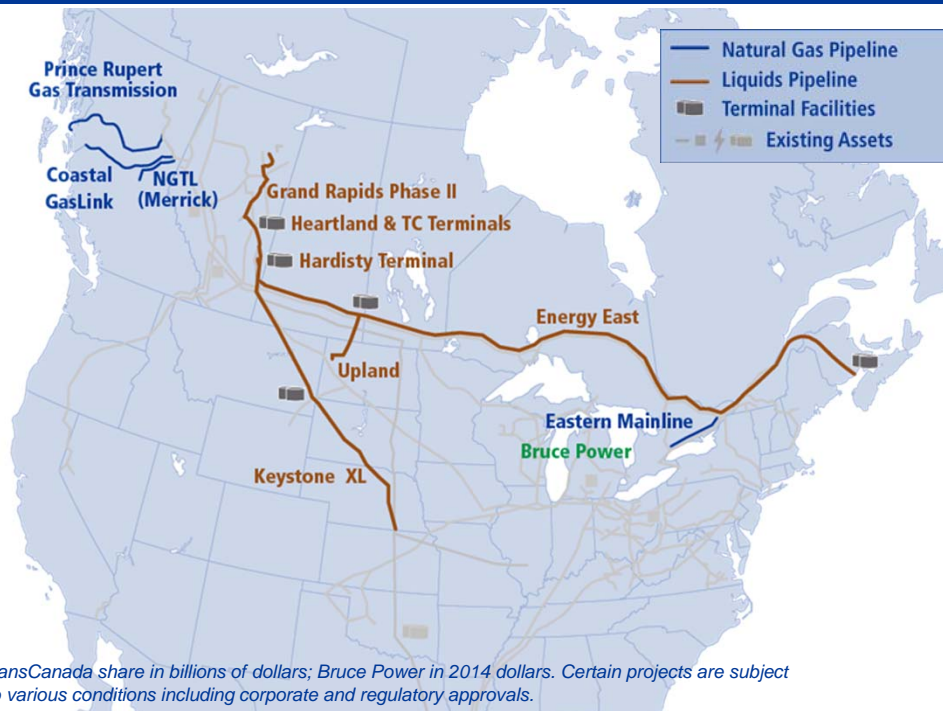
Expect Annual Dividend Growth at the
Upper End of 8 to 10 Percent Range



*Supported by Expected Growth in Earnings and Cash Flow
and Industry-Leading Coverage Ratios*

* Annual rate based on first quarter dividend of \$0.625 per share

\$45 Billion+ of Commercially Secured Long-Term Projects*



• Bruce Power Life Extension Agreement

- First of six MCR outages occurs in 2020
- Expected investment of \$5.3 billion post 2020
- Extends operating life of facility to 2064

• Four transformational projects

- Prince Rupert Gas Transmission (\$5 billion)
- Coastal GasLink (\$4.8 billion)
- Energy East (\$15.7 billion) and related Eastern Mainline Project (\$2.0 billion)
- Keystone XL (US\$8 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

* TransCanada share in billions of dollars; Bruce Power in 2014 dollars. Certain projects are subject to various conditions including corporate and regulatory approvals.



Don Marchand

Executive Vice President & CFO



Consolidated Results of Operations

(unaudited) (millions of dollars, except per share amounts)

	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Net (Loss)/Income Attributable to Common Shares	(358)	(2,458)	124	(1,240)
Specific items (net of tax):				
Loss on U.S. Northeast Power assets held for sale	870	-	873	-
Ravenswood goodwill impairment	-	-	656	-
Alberta PPA terminations and settlement	68	-	244	-
Acquisition related costs - Columbia	67	-	273	-
Keystone XL impairment charge	-	2,891	-	2,891
Other specific items ⁽¹⁾	(21)	20	(62)	104
Comparable Earnings⁽²⁾	626	453	2,108	1,755
Net (Loss)/Income Per Common Share	(\$0.43)	(\$3.47)	\$0.16	(\$1.75)
Specific items (net of tax):				
Loss on U.S. Northeast Power assets held for sale	1.05	-	1.15	-
Ravenswood goodwill impairment	-	-	0.86	-
Alberta PPA terminations and settlement	0.08	-	0.32	-
Acquisition related costs - Columbia	0.08	-	0.37	-
Keystone XL impairment charge	-	4.08	-	4.08
Other specific items ⁽¹⁾	(0.03)	0.03	(0.08)	0.15
Comparable Earnings Per Common Share⁽²⁾	\$0.75	\$0.64	\$2.78	\$2.48
Average Common Shares Outstanding (millions)	832	708	759	709

(1) For additional details on these specific items, see the February 16, 2017 Fourth Quarter News Release

(2) Non-GAAP measure. For additional information on these items see the February 16, 2017 Fourth Quarter News Release

Business Segment Results⁽¹⁾ (unaudited) (millions of dollars)

	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Comparable EBITDA⁽²⁾				
Canadian Natural Gas Pipelines	599	636	2,246	2,258
U.S. Natural Gas Pipelines	569	288	1,683	974
Mexico Natural Gas Pipelines	120	51	333	215
Liquids Pipelines	305	339	1,166	1,309
Energy	305	270	1,289	1,260
Corporate	(8)	(57)	(70)	(108)
Total	1,890	1,527	6,647	5,908

Fourth quarter 2016 comparable EBITDA increased \$363 million compared to the same period in 2015:

- **U.S. Natural Gas Pipelines**
 - Increase due to the Columbia acquisition and higher ANR revenues due to higher rates
- **Mexico Natural Gas Pipelines**
 - Higher primarily due to Topolobampo and Mazatlán
- **Liquids Pipelines**
 - Lower due to net effect of lower Marketlink volumes and higher Keystone volumes
- **Energy**
 - Higher due to an increase in Western Power realized prices and termination of Alberta PPAs
- **Corporate**
 - Favourable due to 2015 including restructuring costs recovered through tolling mechanisms

(1) For more information, see the February 16, 2017 Fourth Quarter News Release

(2) Non-GAAP measure. For additional information on these items see the February 16, 2017 Fourth Quarter News Release

Other Income Statement Items⁽¹⁾

(unaudited) (millions of dollars)

	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Comparable EBITDA ⁽²⁾	1,890	1,527	6,647	5,908
Depreciation and amortization	(514)	(452)	(1,939)	(1,765)
Comparable EBIT ⁽²⁾	1,376	1,075	4,708	4,143
Interest expense ⁽³⁾	(542)	(380)	(1,883)	(1,370)
Allowance for funds used during construction	97	91	419	295
Interest income and other ⁽³⁾	8	(15)	71	(111)
Income tax expense ⁽³⁾	(211)	(235)	(841)	(903)
Net income attributable to non-controlling interests ⁽³⁾	(70)	(60)	(257)	(205)
Preferred share dividends	(32)	(23)	(109)	(94)
Comparable Earnings ⁽²⁾	626	453	2,108	1,755

Primary variances between fourth quarter 2016 and the same period in 2015 included:

- **Depreciation and amortization**
 - Higher due to the acquisition of Columbia, increased rates on ANR and assets placed into service
- **Interest expense⁽³⁾**
 - Higher primarily due to assumed Columbia debt and new debt issuances partially offset by debt maturities
- **Income tax expense⁽³⁾**
 - Lower primarily due to a change in proportion of income earned between Canadian and foreign jurisdictions and lower flow-through taxes on Canadian regulated pipelines, partially offset by higher pre-tax earnings

(1) For more information, see the February 16, 2017 Fourth Quarter News Release

(2) Non-GAAP measures. For additional information on these items see the February 16, 2017 Fourth Quarter News Release

(3) Represents amounts included in comparable earnings

Comparable Distributable Cash Flow

(unaudited) (millions of dollars, except per share amounts)

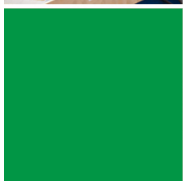
	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Comparable Funds Generated From Operations ⁽¹⁾	1,425	1,229	5,171	4,815
Dividends on preferred shares	(26)	(23)	(100)	(92)
Distributions paid to non-controlling interests	(78)	(56)	(279)	(224)
Maintenance capital expenditures including equity investments ⁽²⁾	(357)	(353)	(1,127)	(937)
Comparable Distributable Cash Flow ⁽¹⁾	964	797	3,665	3,562
Per Common Share ⁽¹⁾	\$ 1.16	\$ 1.13	\$ 4.83	\$ 5.02
Dividend per Common Share	\$ 0.565	\$ 0.52	\$ 2.26	\$ 2.08
Coverage Ratio	2.1	2.2	2.1	2.4

(2) Maintenance capital expenditures including equity investments

Canadian Natural Gas Pipelines	142	146	344	347
U.S. Natural Gas Pipelines (primarily ANR)	143	118	464	298
Other	72	89	319	292
Total	357	353	1,127	937

⁽¹⁾ Non-GAAP measure. For additional information on these items see the February 16, 2017 Fourth Quarter News Release

Where We Are Today



Base Business is Performing Very Well

- Produced record comparable results in 2016
- Resilient business model and blue-chip assets built for all phases of the economic cycle

Solid Financial Position

- 'A' grade credit ratings
- Corporate structure is simple and understandable

Near-term Capital Program Progressing As Planned

- \$23 billion of commercially secured projects expected to enter service by 2020
- \$5.8 billion invested in program to date

Capital Needs Are Manageable

- Strong and growing internally generated cash flow
- Numerous levers available to fund near-term capital program

Common Share Dividend Poised to Grow

- Annual growth expected at the upper end of 8 to 10 percent range through 2020
- Supported by earnings and cash flow growth and industry-leading coverage ratios

Plan is Expected to Create Significant Shareholder Value

Commercial and Financial Variability



- **Volumetric**

- Spot movements on southern portion of Keystone System
- Availability at Bruce Power

- **Commodity**

- Alberta cogens and non-regulated natural gas storage
- Substantially reduced exposure upon sale of U.S. Northeast power portfolio and Alberta PPA terminations

- **Counterparty**

- Strong counterparty support on contracted assets
- Cost-of-service or regulated businesses with strong underlying fundamentals

- **Interest Rates**

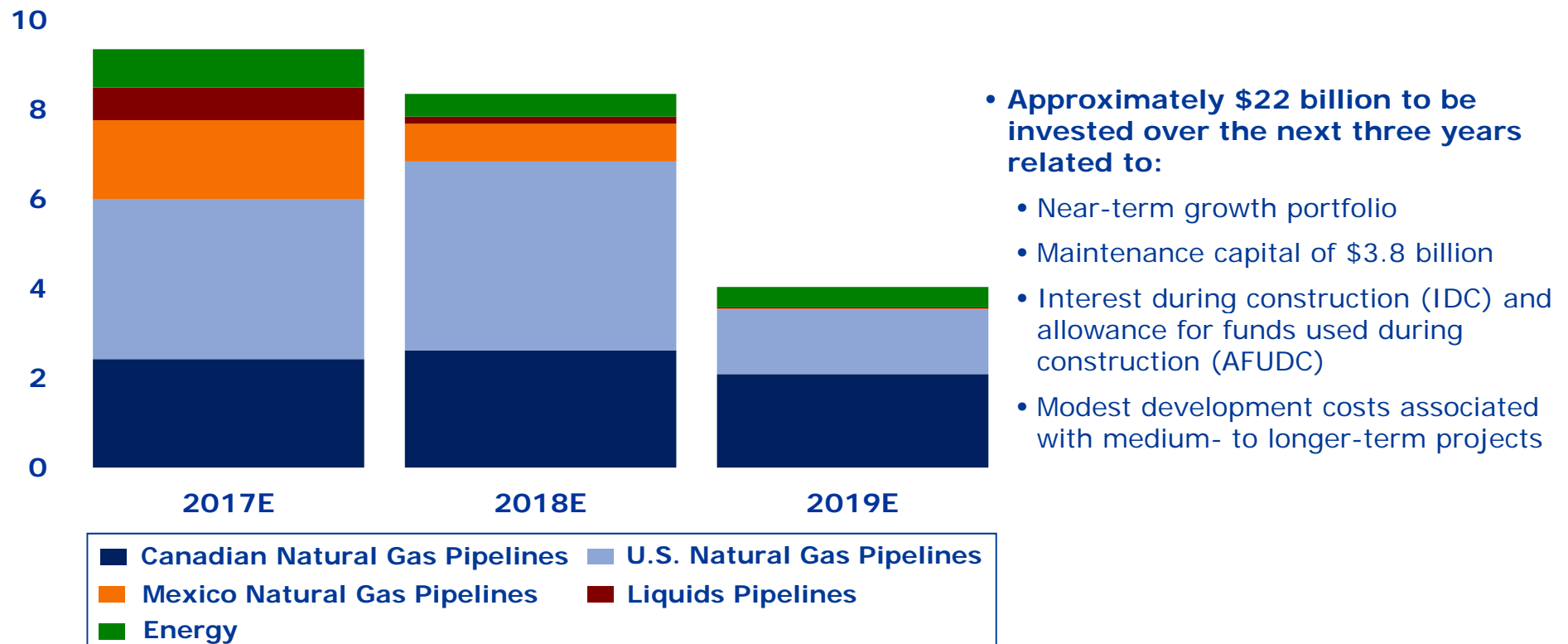
- Largely fixed-rate debt financed (~90%) with long duration
- 17-year average term at 5.3% coupon rate

- **Foreign Exchange**

- U.S. dollar asset and income position increasing
- U.S. dollar debt and interest a significant natural hedge
- Residual exposure actively managed one year forward

2017-2019 Capital Expenditure Outlook

\$Billions



Funding Program for Near-Term Growth Portfolio

\$Billions

35

30

25

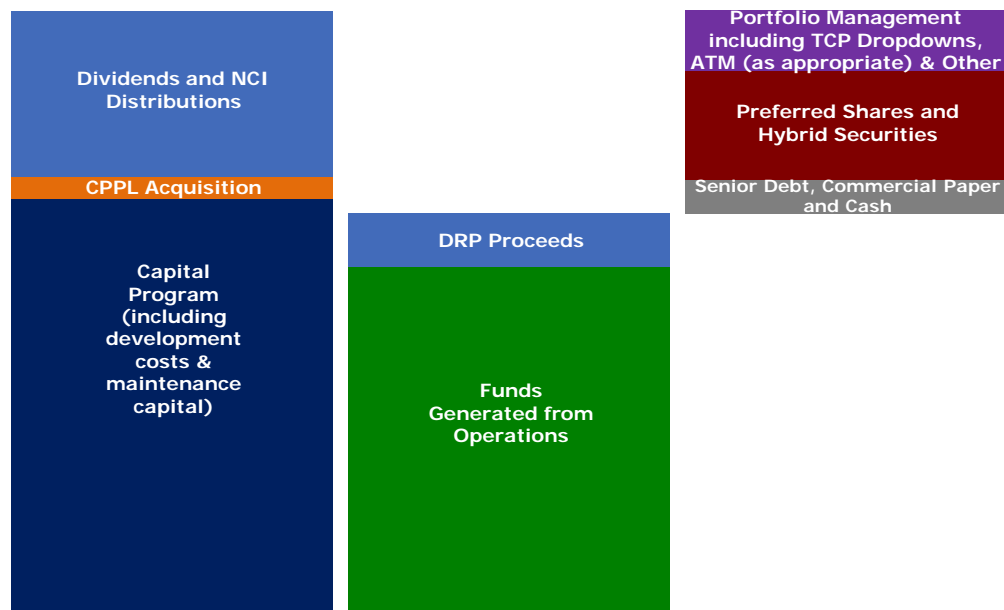
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2017 – 2019 Outlook

Numerous Levers Available to Fund Near-Term Capital Program

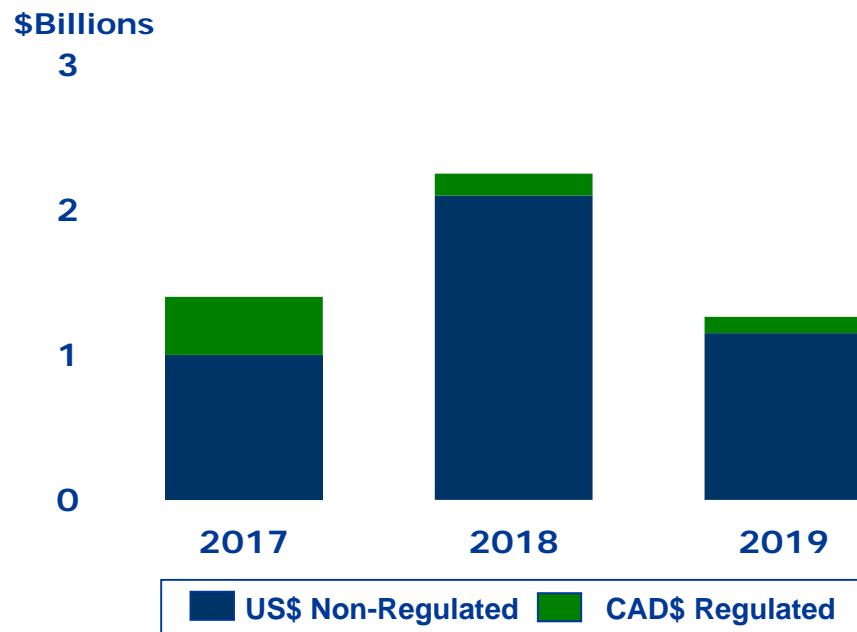
- Strong, predictable and growing cash flow from operations
- Dividend Reinvestment Plan
- Access to capital markets including:
 - Senior debt
 - Preferred shares and hybrid securities
- Portfolio management including dropdowns to TC PipeLines, LP
- At-The-Market (ATM) program, as appropriate

Funding Program Manageable

Completion of \$23 Billion Near-Term Capital Program Does Not Require Discrete Equity

2017-2019 Debt Maturity Profile

Debt Maturities in Home Currency* (2017-2019)



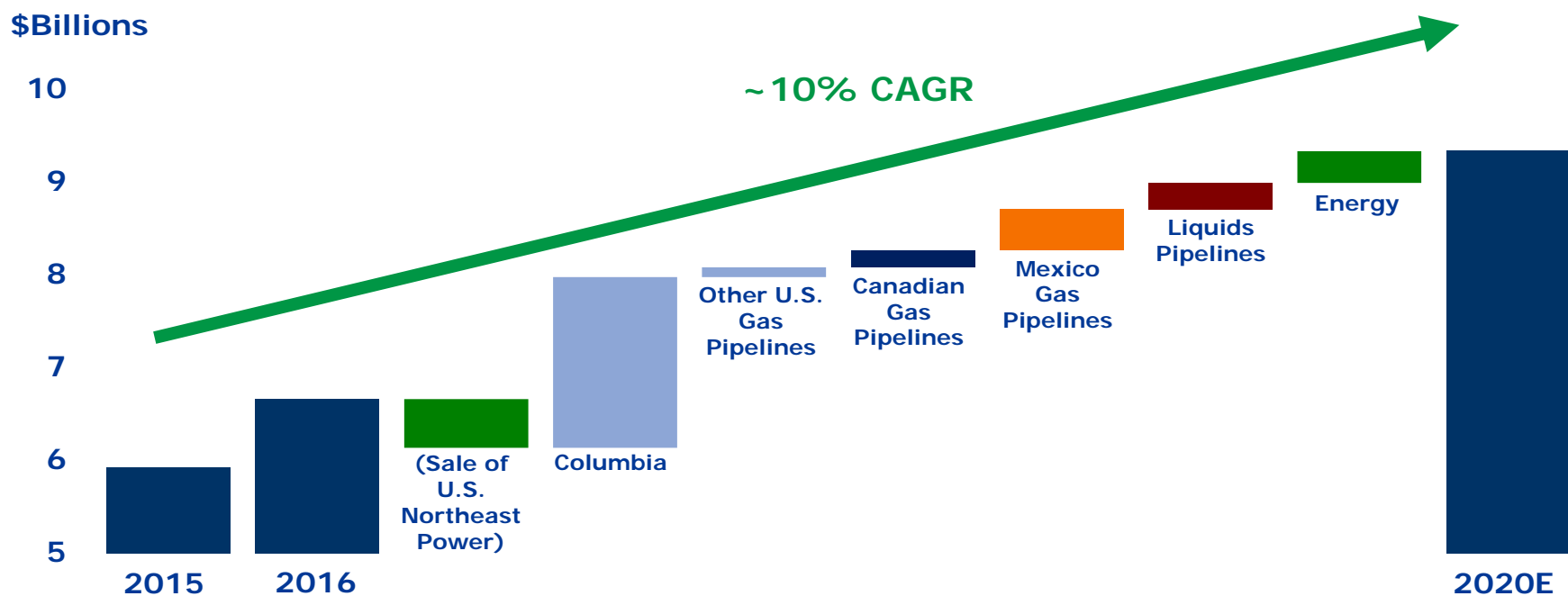
- ~\$9 billion committed and undrawn credit lines
- Well supported commercial paper programs
 - Canada – \$2.0 billion
 - U.S. – US\$2.5 billion
- Access to global capital markets

***Normal Level of Scheduled Debt Maturities Through 2019
Diverse Set of Financing Levers Available***

* Excludes US\$3.7 billion Columbia bridge term loan facilities to be repaid with proceeds from monetization of U.S. Northeast power business

\$23 Billion of Near-Term Projects Drive Significant Growth

Comparable EBITDA Outlook* 2015 – 2020E

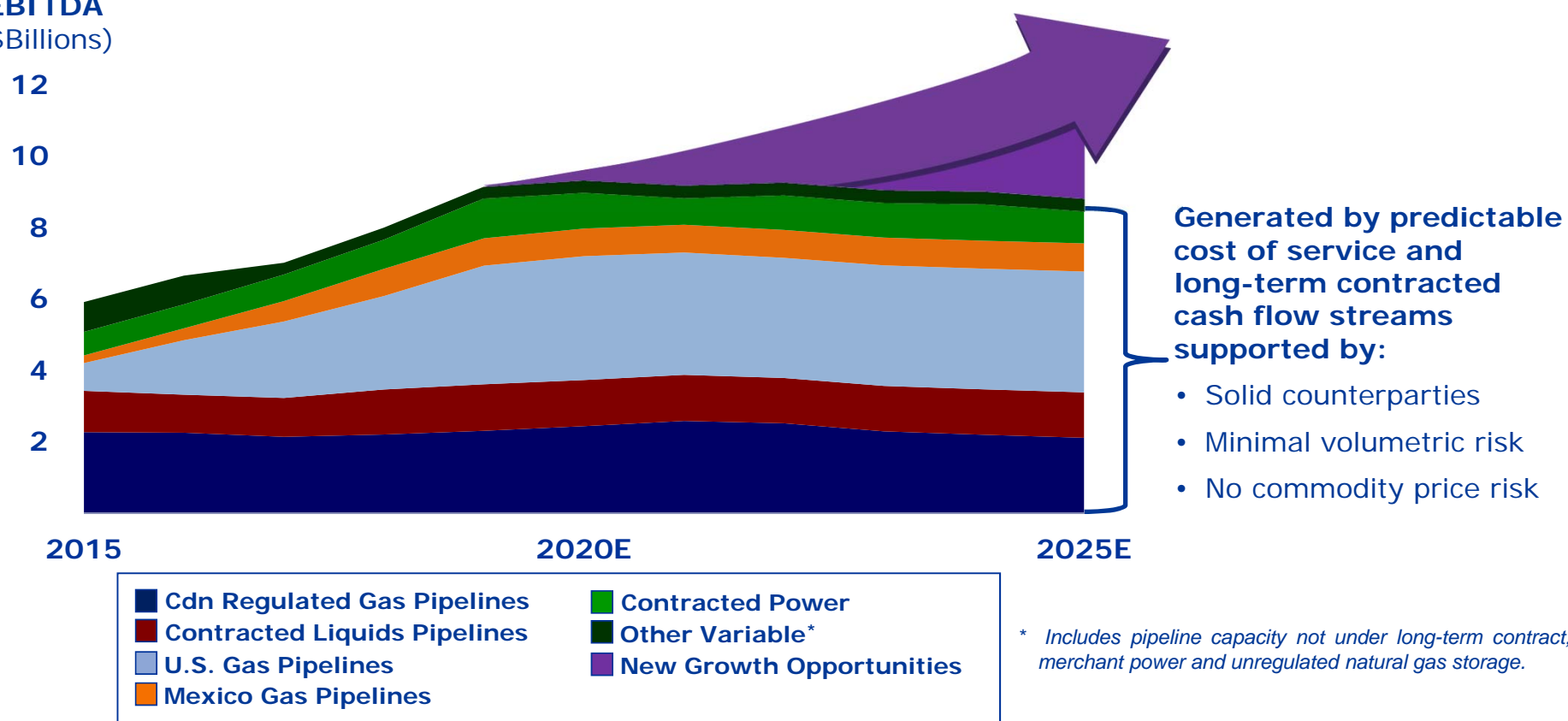


***Could be Augmented by Additional Growth Opportunities,
Revenue Enhancements and Operating Efficiencies***

* Includes existing assets, non-controlling interests in U.S. Natural Gas Pipelines and \$23 billion of near-term projects subject to various conditions including corporate and regulatory approvals. Comparable EBITDA is a non-GAAP measure. See the non-GAAP measures slide at the front of this presentation for more information.

Stability and Longevity of Core Asset Base + \$23 Billion of Visible Growth with Upside

Comparable
EBITDA
(\$Billions)

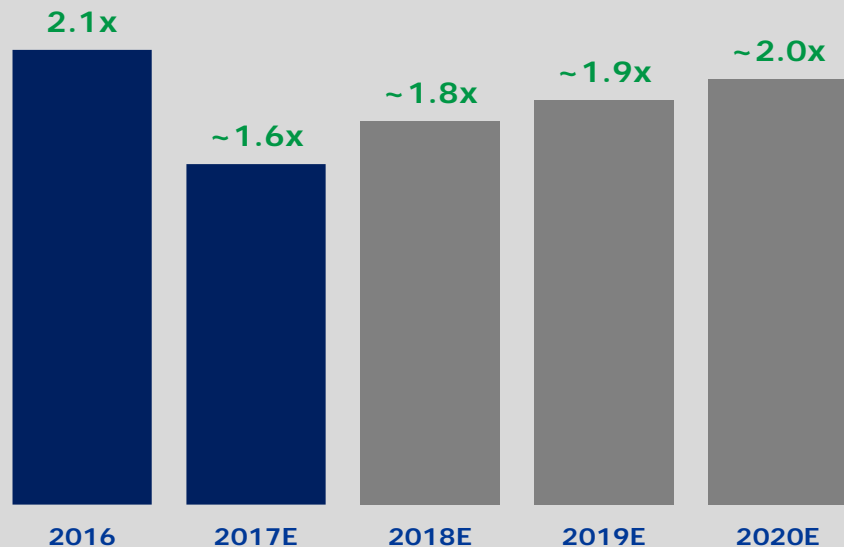


Comparable EBITDA is a non-GAAP measure. See the non-GAAP measures slide at the front of this presentation for more information.

Dividend Coverage Ratios and Maintenance Capital Outlook Through 2020

Dividend Coverage Outlook (Based on Comparable DCF per share)

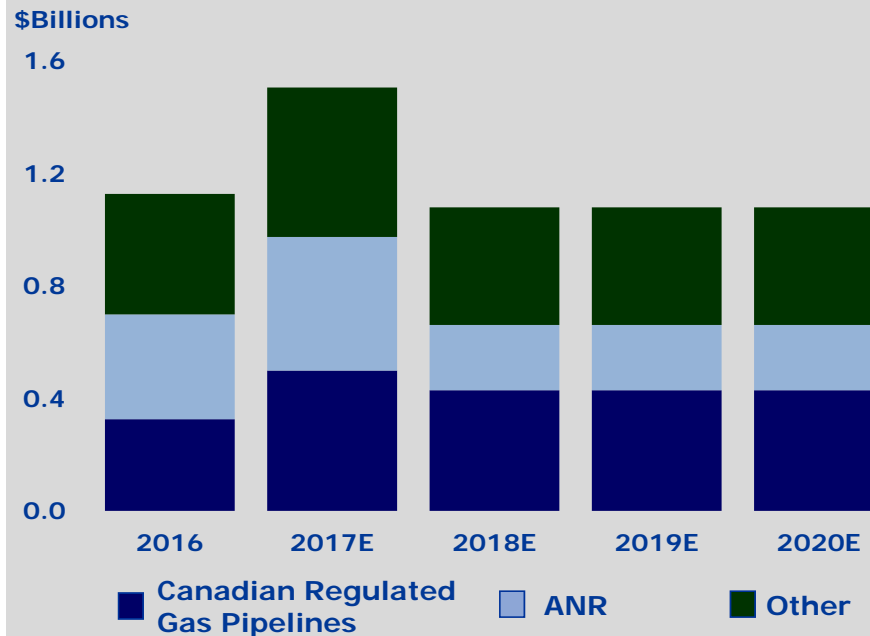
Strong Coverage Ratios...



Assumes Dividend Growth at Upper End of 8 to 10 Percent Range

Maintenance Capital Outlook

...Net of Maintenance Capital, Majority of Which Earns a Return



*Comparable DCF is a non-GAAP measure. See the non-GAAP measures slide at the front of this presentation for more information.

Key Takeaways

Track Record of Delivering Long-Term Shareholder Value

14% average annual return since 2000

Visible Growth Portfolio

*\$23 billion to 2020
Additional opportunity set
includes over \$45 billion of
medium to longer-term
projects*

Attractive, Growing Dividend

*4% yield
8-10% expected CAGR
through 2020*

Strong Financial Position

*'A' grade credit rating
Numerous levers available to
fund future growth*

Attractive Valuation Relative to North American Peers



Fourth Quarter 2016 Financial Results and Business Outlook

February 16, 2017



Appendix – Reconciliation of Non-GAAP Measures (millions of dollars)

	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Comparable EBITDA ⁽¹⁾	1,890	1,527	6,647	5,908
Depreciation and amortization	(514)	(452)	(1,939)	(1,765)
Comparable EBIT ⁽¹⁾	1,376	1,075	4,708	4,143
Specific items:				
Ravenswood goodwill impairment	-	-	(1,085)	-
Loss on U.S. Northeast power assets held for sale	(839)	-	(844)	-
Alberta PPA terminations and settlement	(92)	-	(332)	-
Acquisition related costs - Columbia	(47)	-	(179)	-
Keystone XL asset costs	(15)	-	(52)	-
Restructuring costs	(8)	(79)	(22)	(99)
TC Offshore loss on sale	-	(125)	(4)	(125)
Keystone XL impairment charge	-	(3,686)	-	(3,686)
Turbine equipment impairment charge	-	(59)	-	(59)
Bruce Power merger - debt retirement charge	-	(36)	-	(36)
Risk management activities	101	(10)	123	(37)
Segmented Earnings/(Losses)	476	(2,920)	2,313	101

(1) Comparable EBITDA and Comparable EBIT are non-GAAP measures. See the non-GAAP measures slide at the front of this presentation for more information.

Appendix – Reconciliation of Non-GAAP Measures continued (millions of dollars, except per share amounts)

	Three months ended December 31		Twelve months ended December 31	
	2016	2015	2016	2015
Net Cash Provided by Operations	1,575	1,196	5,069	4,384
(Decrease)/increase in operating working capital	(220)	(32)	(248)	346
Funds Generated From Operations ⁽¹⁾	1,355	1,164	4,821	4,730
Specific items:				
Acquisition related costs - Columbia	45	-	283	-
Keystone XL asset costs	15	-	52	-
Restructuring costs	-	65	-	85
Loss on U.S. Northeast power assets held for sale	10	-	15	-
Comparable Funds Generated From Operations ⁽¹⁾	1,425	1,229	5,171	4,815
Dividends on preferred shares	(26)	(23)	(100)	(92)
Distributions paid to non-controlling interests	(78)	(56)	(279)	(224)
Maintenance capital expenditures including equity investments	(357)	(353)	(1,127)	(937)
Comparable Distributable Cash Flow ⁽¹⁾	964	797	3,665	3,562
Per Common Share ⁽¹⁾	\$ 1.16	\$ 1.13	\$ 4.83	\$ 5.02

(1) Funds Generated from Operations, Comparable Funds Generated from Operations, Comparable Distributable Cash Flow and Comparable Distributable Cash Flow per Common Share are non-GAAP measures. See the non-GAAP measures slide at the front of this presentation for more information.