
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Amendment No. 1
to
FORM F-10

REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933

TRANSCANADA CORPORATION

(Exact name of Registrant as specified in its charter)

Canada
(Province or other jurisdiction of
incorporation or organization)

4922; 4923; 4924; 5172
(Primary Standard Industrial
Classification Code Number)

Not Applicable
(I.R.S. Employer Identification Number)

TransCanada Tower, 450 First Street S.W., Calgary, Alberta, Canada, T2P 5H1, (403) 920-2000
(Address and telephone number of Registrant's principal executive offices)

TransCanada PipeLine USA Ltd., 700 Louisiana St., Suite 700, Houston, Texas 77002-2700, (832) 320-5201
(Name, address, and telephone number of agent for service in the United States)

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Approximate date of commencement of proposed sale of the securities to the public:
As soon as practicable after this Registration Statement is declared effective.

Province of Alberta, Canada
(Principal jurisdiction regulating this offering)

It is proposed that this filing shall become effective (check appropriate box):

- A. upon filing with the Commission, pursuant to Rule 467(a) (if in connection with an offering being made contemporaneously in the United States and Canada).
- B. at some future date (check appropriate box below):
- pursuant to Rule 467(b) on _____ at _____ (designate a time not sooner than seven calendar days after filing).
 - pursuant to Rule 467(b) on _____ at _____ (designate a time seven calendar days or sooner after filing) because the securities regulatory authority in the review jurisdiction has issued a receipt or notification of clearance on _____.
 - pursuant to Rule 467(b) as soon as practicable after notification of the Commission by the Registrant or the Canadian securities regulatory authority of the review jurisdiction that a receipt or notification of clearance has been issued with respect hereto.
 - after the filing of the next amendment to this Form (if preliminary material is being filed).

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to the home jurisdiction's shelf prospectus offering procedures, check the following box:

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered⁽¹⁾	Proposed maximum offering price per Security	Proposed maximum aggregate offering price	Amount of registration fee⁽²⁾
Common Shares ⁽³⁾				
First Preferred Shares				
Second Preferred Shares				
Subscription Receipts				
Total	U.S.\$0	100%	U.S.\$0	U.S.\$0.00

(1) In U.S. dollars or the equivalent thereof in foreign denominated currencies or currency units.

(2) Previously paid.

(3) Includes associated common share purchase rights. The value, if any, attributable to the rights is reflected in the market price of the common shares.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registration Statement shall become effective as provided in Rule 467 under the Securities Act of 1933, as amended, or on such date as the Commission, acting pursuant to Section 8(a) of the Act, may determine.

PART I
INFORMATION REQUIRED TO BE
DELIVERED TO OFFEREEES OR PURCHASERS

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Information contained herein is subject to completion or amendment. A registration statement relating to these securities has been filed with the United States Securities and Exchange Commission. These securities may not be sold nor may offers to buy be accepted prior to the time the registration statement becomes effective. This prospectus shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of these securities in any state in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state.



TRANSCANADA CORPORATION

\$2,000,000,000

**Common Shares
First Preferred Shares
Second Preferred Shares
Subscription Receipts**

TransCanada Corporation ("TCC" or the "Corporation") may from time to time offer common shares ("Common Shares"), first preferred shares ("First Preferred Shares"), second preferred shares ("Second Preferred Shares" and, together with the First Preferred Shares, the "Preferred Shares") and subscription receipts ("Subscription Receipts") (collectively, Common Shares, Preferred Shares and Subscription Receipts are referred to herein as the "Securities") having an aggregate offering price of up to \$2,000,000,000 (or the equivalent in U.S. dollars or other currencies) during the 25 month period that this short form base shelf prospectus, including any amendments hereto, remains valid.

The specific terms of any offering of Securities will be set forth in one or more shelf prospectus supplements (each, a "Prospectus Supplement") including, where applicable: (i) in the case of Common Shares, the number of shares offered and the offering price (or the manner of determination thereof if offered on a non-fixed price basis); (ii) in the case of Preferred Shares, the designation of the particular series, the number of shares offered, the offering price (or the manner of determination thereof if offered on a non-fixed price basis), any voting rights, any rights to receive dividends, any terms of redemption, any conversion or exchange rights and any other specific terms; and (iii) in the case of Subscription Receipts, the offering price (or the manner of determination thereof if offered on a non-fixed price basis), the procedures for the exchange of the Subscription Receipts for Common Shares or Preferred Shares, as the case may be, and any other specific terms. A Prospectus Supplement may include other terms pertaining to the Securities that are not prohibited by the parameters set forth in this prospectus.

All shelf information permitted under applicable laws to be omitted from this prospectus will be contained in one or more Prospectus Supplements that will be delivered to purchasers together with this prospectus. Each Prospectus Supplement will be incorporated by reference into this prospectus for the purposes of securities legislation as of the date of the Prospectus Supplement and only for the purposes of the distribution of the Securities to which the Prospectus Supplement pertains.

The issued and outstanding Common Shares are listed on the Toronto Stock Exchange ("TSX") and the New York Stock Exchange ("NYSE") under the symbol "TRP". The issued and outstanding First Preferred Shares, series 1 ("Series 1 Shares"), the First Preferred Shares, series 2 ("Series 2 Shares"), the First Preferred Shares, series 3 ("Series 3 Shares"), the First Preferred Shares, series 4 ("Series 4 Shares"), the First Preferred Shares, series 5 ("Series 5 Shares"), the First Preferred Shares, Series 7 ("Series 7 Shares"), the First Preferred Shares, Series 9 ("Series 9 Shares") and the First Preferred Shares, series 11 ("Series 11 Shares") of TCC are listed for trading on the TSX under the

symbols "TRP.PR.A", "TRP.PR.F", "TRP.PR.B", "TRP.PR.H", "TRP.PR.C", "TRP.PR.D", "TRP.PR.E" and "TRP.PR.G", respectively. **There is no market through which the Preferred Shares or Subscription Receipts which may be offered under this prospectus may be sold and purchasers may not be able to resell any Preferred Shares or Subscription Receipts purchased under this prospectus. This may affect the pricing of the securities in the secondary market, the transparency and availability of trading prices, the liquidity of the securities, and the extent of issuer regulation. See "Risk Factors" as well as the "Risk Factors" section of the applicable Prospectus Supplement.**

The Corporation may sell the Securities to or through underwriters purchasing as principals and may also sell the Securities to one or more purchasers directly or through agents. See "Plan of Distribution". The Prospectus Supplement relating to a particular offering of Securities will identify each underwriter or agent, as the case may be, engaged by TCC in connection with the offering and sale of Securities, and will set forth the terms of the offering of such Securities, including the method of distribution of such Securities, the public offering price, the proceeds to TCC, any fees, discounts or other compensation payable to underwriters or agents, and any other material terms of the plan of distribution. Securities may be sold from time to time in one or more transactions at a fixed price or fixed prices, or at non-fixed prices. If offered on a non-fixed price basis, Securities may be offered at market prices prevailing at the time of sale or at prices to be negotiated with purchasers at the time of sale, which prices may vary as between purchasers and during the period of distribution. If Securities are offered on a non-fixed price basis, the underwriters' compensation will be increased or decreased by the amount by which the aggregate price paid for Securities by the purchasers exceeds or is less than the gross proceeds paid by the underwriters to TCC. **See "Plan of Distribution".**

In connection with any offering of Securities, the underwriters or agents may over-allot or effect transactions which stabilize, maintain or otherwise affect the market price of the Securities at a level above that which otherwise might prevail on the open market. Such transactions may be commenced, interrupted or discontinued at any time. See "Plan of Distribution".

TCC's head office and registered office is located at 450—1st Street S.W., Calgary, Alberta, Canada, T2P 5H1.

We are permitted, as a Canadian issuer, under the multi-jurisdictional disclosure system adopted by the United States ("U.S."), to prepare this prospectus in accordance with Canadian disclosure requirements. You should be aware that such requirements are different from those of the U.S.

You should be aware that the acquisition of the Securities described herein may have tax consequences both in the U.S. and in Canada. Such tax consequences for investors who are residents in, or citizens of, the U.S. may not be described fully herein or in any applicable Prospectus Supplement. You should read the tax discussion in any applicable Prospectus Supplement, however, this prospectus or any applicable Prospectus Supplement may not fully describe these tax consequences.

Your ability to enforce civil liabilities under U.S. federal securities laws may be affected adversely by the fact that we are incorporated under the laws of Canada, that some or all of our officers and directors may be residents of Canada, that some or all of the experts named in the registration statement may be residents of Canada and that all or a substantial portion of our assets and the assets of said persons are located outside the of U.S.

John E. Lowe, Paula R. Reynolds, John Richels and Mary Pat Salomone are directors of the Corporation who reside outside of Canada and each of these directors has appointed the Corporation as agent for service of process at 450—1st Street, S.W., Calgary, AB T2P 5H1. Purchasers are advised that it may not be possible for investors to enforce judgments obtained in Canada against any person who resides outside of Canada, even if the party has appointed an agent for service of process.

These Securities have not been approved or disapproved by the United States Securities and Exchange Commission (the "SEC") or any state securities commission nor has the SEC or any state securities commission passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offence.

The date of this prospectus is _____, 2015.

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FORWARD-LOOKING INFORMATION

This prospectus and the documents incorporated by reference in this prospectus include "forward-looking information" and "forward-looking statements" (collectively, "forward-looking information") within the meaning of securities laws, including the "safe harbour" provisions of the *Securities Act* (Ontario), the *Securities Act* (Alberta), the *United States Private Securities Litigation Reform Act of 1995*, Section 21E of the *United States Securities Exchange Act of 1934*, as amended (the "*Exchange Act*"), and Section 27A of the *United States Securities Act of 1933*, as amended (the "*Securities Act*"). The words "anticipate", "expect", "believe", "may", "will", "should", "estimate", "project", "outlook", "forecast", "intend", "target", "plan" or similar words are used to identify such forward-looking information. Forward-looking information in this prospectus and in the documents incorporated by reference herein is intended to provide you with information regarding us, including management's assessment of our future plans and financial outlook. Forward-looking information in this prospectus includes statements under the headings "Use of Proceeds" and "Plan of Distribution". Forward-looking information in this prospectus and the documents incorporated by reference herein may include, but is not limited to, statements regarding:

- anticipated business prospects;
- our financial and operational performance, including the performance of our subsidiaries;
- expectations or projections about strategies and goals for growth and expansion;
- expected cash flows and future financing options available to us;
- expected costs for planned projects, including projects under construction and in development;
- expected schedules for planned projects (including anticipated construction and completion dates);
- expected regulatory processes and outcomes;
- expected impact of regulatory outcomes;
- expected outcomes with respect to legal proceedings, including arbitration and insurance claims;
- expected Common Share purchases under our normal course issuer bid;
- expected capital expenditures and contractual obligations;
- expected operating and financial results;
- the expected impact of future accounting changes, commitments and contingent liabilities; and
- expected industry, market and economic conditions.

This forward-looking information reflects our beliefs and assumptions based on information available at the time the information was stated and, as such, is not a guarantee of future performance. By its nature, forward-looking information is subject to various assumptions, risks and uncertainties which could cause our actual results and achievements to differ materially from the anticipated results or expectations expressed or implied in such information.

Key assumptions on which our forward-looking information is based include, but are not limited to, assumptions about:

- 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; and
- acquisitions and divestitures.

The risks and uncertainties that could cause actual results or events to differ materially from current expectations include, but are not limited to:

- our ability to successfully implement our strategic initiatives;
- whether our strategic initiatives will yield the expected benefits;
- the operating performance of our pipeline and energy assets;
- amount of capacity sold and rates achieved in our pipeline businesses;
- the availability and price of energy commodities;
- 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 commodity prices;
- changes in the political environment;
- changes in environmental and other laws and regulations;
- competitive factors in the pipeline and energy sectors;
- construction and completion of capital projects;
- costs for labour, equipment and materials;
- access to capital markets;
- interest and foreign exchange rates;
- weather;
- cyber security;
- technological developments; and
- economic conditions in North America as well as globally.

Additional information on these and other factors is discussed in this prospectus and the documents incorporated by reference herein including in the 2014 MD&A (as defined herein) under the headings "Natural Gas Pipelines—Business Risks", "Liquids Pipelines—Business Risks", "Energy—Business Risks" and "Other Information—Risks and Risk Management", as may be modified or

superseded by other subsequently filed documents that are also incorporated or deemed to be incorporated by reference in this prospectus.

Readers are cautioned against placing undue reliance on forward-looking information, which is given as of the date it is expressed in this prospectus or otherwise, and not to use future-oriented information or financial outlooks for anything other than their intended purpose. We undertake no obligation to publicly update or revise any forward-looking information in this prospectus or otherwise, whether as a result of new information, future events or otherwise, except as required by law.

DOCUMENTS INCORPORATED BY REFERENCE

Information has been incorporated by reference in this prospectus from documents filed with the securities commissions or similar authorities in Canada and with the SEC in the U.S.

The following documents which were filed by us with the securities commissions or similar authorities in each of the provinces and territories of Canada and the SEC are incorporated by reference in this prospectus:

- (a) audited comparative consolidated financial statements as at December 31, 2014 and 2013 and for each of the years in the three-year period ended December 31, 2014, the notes thereto, and the auditors' report thereon;
- (b) management's discussion and analysis of financial condition and results of operations as at and for the year ended December 31, 2014 (the "2014 MD&A");
- (c) annual information form for the year ended December 31, 2014 dated February 12, 2015 (the "Annual Information Form");
- (d) management proxy circular dated March 2, 2015 for the 2015 annual meeting of shareholders held May 1, 2015;
- (e) unaudited interim comparative consolidated financial statements as at September 30, 2015 and for the three and nine-month periods ended September 30, 2015 and 2014, and the notes thereto; and
- (f) management's discussion and analysis of financial condition and results of operations as at and for the three and nine-month periods ended September 30, 2015.

Any documents of the type referred to above, including all annual information forms, all information circulars, all annual and interim financial statements and management's discussion and analysis relating thereto, all material change reports (excluding confidential material change reports), press releases containing financial information for financial periods more recent than the most recent annual or interim financial statements, and any business acquisition reports, as well as all Prospectus Supplements disclosing additional or updated information subsequently filed by us with securities regulatory authorities in Canada after the date of this prospectus and prior to the date on which this prospectus ceases to be effective shall be deemed to be incorporated by reference into this prospectus. These documents will be available through the internet on the System for Electronic Document Analysis and Retrieval ("SEDAR"), which can be accessed at www.sedar.com. In addition, any similar documents filed by us with the SEC in our periodic reports on Form 6-K or annual reports on Form 40-F, and any other documents filed with or furnished to the SEC pursuant to Section 13(a), 13(c) or 15(d) of the *Exchange Act*, in each case after the date of this prospectus, shall be deemed to be incorporated by reference into the registration statement of which this prospectus forms a part, if and to the extent expressly provided in such reports. Our periodic reports on Form 6-K and our annual reports on Form 40-F are available on the SEC's Electronic Data Gathering and Retrieval ("EDGAR") system web site at www.sec.gov.

Any statement contained in this prospectus or in a document incorporated, or deemed to be incorporated, by reference herein shall be deemed to be modified or superseded for the purposes of this prospectus to the extent that a statement contained in this prospectus or in any subsequently filed document that also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. The modifying or superseding statement need not state that it has modified or superseded a prior statement or include any other information set forth in the document that it modifies or supersedes. The making of a modifying or superseding statement shall not be deemed an admission for any purpose that the modified or superseded statement, when made, constituted a misrepresentation, an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make a statement not misleading in light of the circumstances in which it was made. Any statement so modified or superseded shall not constitute a part of this prospectus, except as so modified or superseded.

Upon a new annual information form and related annual audited comparative consolidated financial statements and accompanying management's discussion and analysis being filed by us with the applicable securities regulatory authorities during the term of this prospectus, the previous annual information form, the previous annual audited comparative consolidated financial statements and accompanying management's discussion and analysis, all interim comparative consolidated financial statements and accompanying management's discussion and analysis, all material change reports and all business acquisition reports filed by us prior to the commencement of the financial year of the Corporation in which the new annual information form and the related annual audited comparative consolidated financial statements and accompanying management's discussion and analysis are filed shall be deemed no longer to be incorporated by reference into this prospectus for purposes of future offers and sales of Securities hereunder. Upon interim comparative consolidated financial statements and the accompanying management's discussion and analysis being filed by us with the applicable securities regulatory authorities during the term of this prospectus, all interim comparative consolidated financial statements and accompanying management's discussion and analysis filed prior to the filing of the new interim comparative consolidated financial statements shall be deemed no longer to be incorporated by reference into this prospectus for purposes of future offers and sales of Securities hereunder.

Any "template version" of any "marketing materials" (as such terms are defined under applicable Canadian securities laws) pertaining to a distribution of Securities will be filed on SEDAR. In the event that such "marketing materials" are filed subsequent to the date of the filing of the applicable Prospectus Supplement(s) pertaining to the distribution of the Securities that such "marketing materials" relate to and prior to the termination of such distribution, such filed versions of the "marketing materials" will be deemed to be incorporated by reference into the applicable Prospectus Supplement(s) for the purposes of the distribution of the Securities to which the Prospectus Supplement(s) pertain.

We will provide without charge to each person to whom this prospectus is delivered, including any beneficial owner, upon written or oral request of such person, a copy of any or all of the documents incorporated herein by reference (other than exhibits to such documents, unless such exhibits are specifically incorporated by reference in such documents). Requests should be directed to TransCanada Corporation, 450—1st Street S.W., Calgary, Alberta, Canada, T2P 5H1, Attention: Corporate Secretary, telephone number (403) 920-2000.

You should rely only on the information contained in or incorporated by reference in this prospectus or any applicable Prospectus Supplement and on the other information included in the registration statement of which this prospectus forms a part. We have not authorized anyone to provide you with different or additional information. We are not making an offer of these Securities in any jurisdiction where the offer is not permitted by law. You should not assume that the information

contained in or incorporated by reference in this prospectus or any applicable Prospectus Supplement is accurate as of any date other than the date on the front of the applicable Prospectus Supplement.

ABOUT THIS PROSPECTUS

In this prospectus and in any Prospectus Supplement, unless otherwise specified or the context otherwise requires, all dollar amounts are expressed in Canadian dollars. References to "dollars" or "\$" are to lawful currency of Canada, and references to "U.S. dollars" or "U.S.\$" are to lawful currency of the U.S.

Unless otherwise indicated, all financial information included and incorporated by reference in this prospectus has been prepared in accordance with U.S. GAAP.

One or more Prospectus Supplements containing the specific variable terms of an offering of Securities will be delivered to purchasers of such Securities together with this prospectus and will be deemed to be incorporated by reference into this prospectus as of the date of such Prospectus Supplement solely for the purposes of the offering of the Securities offered thereunder.

Except on the cover page and under "Description of the Securities Being Distributed", and unless the context otherwise requires, all references in this prospectus and any Prospectus Supplement to "we", "us", "our", "TCC" or the "Corporation" mean TransCanada Corporation and its subsidiaries, partnership interests and joint venture investments.

WHERE TO FIND MORE INFORMATION

We have filed with the SEC, under the *Securities Act*, a registration statement on Form F-10 relating to the Securities. This prospectus, which constitutes a part of the registration statement, does not contain all of the information contained in the registration statement, certain items of which are contained in the exhibits to the registration statement as permitted by the rules and regulations of the SEC. Statements included or incorporated by reference in this prospectus about the contents of any contract, agreement or other documents referred to are not necessarily complete, and in each instance, you should refer to the exhibits for a complete description of the matter involved. Each time we sell Securities under the registration statement, we will provide a Prospectus Supplement that will contain specific information about the terms of that offering. The Prospectus Supplement may also add, update or change information contained in this prospectus.

We file annual and quarterly financial information and material change reports, business acquisition reports and other material with the securities commission or similar regulatory authority in each of the provinces and territories of Canada and with the SEC. Under the multi-jurisdictional disclosure system adopted by the U.S., documents and other information that we file with the SEC may be prepared in accordance with the disclosure requirements of Canada, which are different from those of the U.S. You may read and download any public document that TCC has filed with the securities commission or similar regulatory authority in each of the provinces and territories of Canada on SEDAR at www.sedar.com. You may read and copy any document TCC has filed with the SEC at the SEC's public reference room in Washington D.C. and may also obtain copies of those documents from the public reference room of the SEC at 100 F Street, N.E., Washington, D.C. 20549 by paying a fee. Additionally, you may read and download some of the documents that we have filed on EDGAR at www.sec.gov. Reports and other information about us may also be inspected at the offices of the New York Stock Exchange, 20 Broad Street, New York, New York 10005.

THE CORPORATION

TCC was incorporated pursuant to the provisions of the *Canada Business Corporations Act* on February 25, 2003 in connection with a plan of arrangement which established TCC as the parent

company of TransCanada PipeLines Limited ("TCPL"). All of the outstanding common shares of TCPL are owned by TCC.

We operate our business in three segments: Natural Gas Pipelines, Liquids Pipelines and Energy. Natural Gas Pipelines and Liquids Pipelines are principally comprised of our respective natural gas and oil pipelines in Canada, the U.S. and Mexico as well as our regulated natural gas storage operations in the U.S. Energy includes our power operations and the non-regulated natural gas storage business in Canada.

Our principal subsidiaries as of December 31, 2014 are indicated in the diagram under the heading "TransCanada Corporation—Intercorporate Relationships" in the Annual Information Form.

RECENT DEVELOPMENTS

The U.S. Department of State announced on November 6, 2015 that it had decided to reject the Corporation's application for approval of the Keystone XL pipeline. The Corporation is currently reviewing the accounting impact as well as all of its options in light of the permit denial, including a reduction in carrying value of the costs incurred on the project to their estimated fair value and filing a new application to receive a Presidential Permit.

The Corporation announced on November 11, 2015, that the Corporation had been chosen to build, own and operate the Tuxpan-Tula Pipeline in Mexico. Construction of the pipeline is supported by a 25-year natural gas transportation service contract with the Comision Federal de Electricidad, Mexico's state owned power company. The Corporation expects to invest approximately U.S.\$500 million in the 36-inch diameter pipeline and anticipates an in-service date in the fourth quarter of 2017. The pipeline will be approximately 250 kilometres long and have contracted capacity of 886 million cubic feet a day.

On November 16, 2015, the Corporation announced that its wholly-owned subsidiary, NOVA Gas Transmission Ltd. ("NGTL") had signed contracts for approximately 2.7 billion cubic feet per day of new firm natural gas transportation service that will require a \$570 million system expansion. Subject to regulatory approvals, construction is expected to start in 2017, with all facilities expected to be in service in 2018. On December 1, 2015, the Corporation also announced that NGTL had reached an agreement with customers and other interested parties on the annual costs, including equity return and depreciation, required to operate the NGTL System for 2016 and 2017, subject to regulatory approvals.

On November 19, 2015, the Corporation announced that the TSX has approved the Corporation's normal course issuer bid to purchase, for cancellation, up to 21,270,257 of its Common Shares, representing approximately three per cent of the Corporation's 709,008,574 issued and outstanding Common Shares as of November 13, 2015. Purchases under the normal course issuer bid may continue until November 22, 2016 when the bid expires. Purchases may be made through the facilities of the TSX, the New York Stock Exchange ("NYSE") and other designated exchanges and published markets in both Canada and the U.S., in accordance with applicable regulatory requirements. On December 8, 2015, the Corporation announced that it intends to purchase for cancellation, on or before October 31, 2016, up to 6,610,000 of its Common Shares pursuant to private agreements between TCC and an arm's-length third-party seller. Purchases will be made in accordance with an issuer bid exemption order issued by the OSC, dated December 4, 2015 (the "Order"), and pursuant to the Order, may be made in several transactions prior to October 31, 2016. The price that TCC will pay for its Common Shares purchased by way of private agreements will be at a discount to the prevailing market price of the Common Shares on the TSX at the time of purchase. Information regarding each purchase, including the number of Common Shares purchased and aggregate price paid, will be available on SEDAR at www.sedar.com following the completion of any such purchase. Purchases made by the Corporation will be counted towards its normal course issuer bid and will not exceed, in aggregate, one third of the maximum number of common shares that it may purchase under the bid, being

7,090,085 Common Shares. The actual number of Common Shares that will be repurchased under the bid, by way of any private agreements or otherwise, and the timing of any such purchases, will be determined by the Corporation based on numerous factors from time to time, including market conditions.

The Corporation announced on December 3, 2015 that Bruce Power had entered into an agreement with the Ontario Independent Electricity System Operator to extend the operating life of the Bruce Power facility to 2064. This new agreement represents an extension and material amendment to the earlier agreement that led to the refurbishment of Units 1 and 2 at the site. In connection with this expansion, the Corporation has exercised its option to acquire an additional interest in Bruce Power for \$236 million from the Ontario Municipal Employees Retirement System (OMERS). Following the completion of this transaction, the Corporation and OMERS will each hold a 48.5 per cent interest in Bruce Power, with the remainder held by the Power Workers' Union, the Society of Energy Professionals and a Bruce Power Employee Trust.

The amended agreement, which will take economic effect January 1, 2016, will allow Bruce Power to immediately invest in life extension activities for Units 3 through 8 to support the long-term refurbishment program. This early investment in the Asset Management (AM) program will result in near-term life extension, allowing later investment in the Major Component Replacement (MCR) work that will begin in 2020. Our estimated share of investment related to the AM program to be completed over the life of the agreement is approximately \$2.5 billion (2014 dollars). The Corporation's estimated share of investment in the MCR work for Units 3 through 8 over the 2020 to 2033 timeframe is approximately a further \$4 billion (2014 dollars).

On December 17, 2015 TransCanada Corporation announced it had filed an amendment to its existing application with the National Energy Board ("NEB") that adjusts the proposed route, scope and capital cost of the Energy East Pipeline Project based on landowner, environmental, community and customer input. Changes to the project schedule and scope have contributed to a new projected capital cost of \$15.7 billion, excluding the transfer of Canadian Mainline natural gas assets. The change in project scope and further refinement of the project schedule is expected to result in an in-service date of 2020, subject to receiving the necessary regulatory approvals and permits. The Corporation had previously announced on November 5, 2015 its intention to amend the application before the NEB to remove a port in Québec from the scope of the project.

CONSOLIDATED CAPITALIZATION

Other than the issuance by TransCanada PipeLines Limited ("TCPL"), a wholly-owned subsidiary of the Corporation, of \$400 million principal amount of 4.55% medium term notes due 2041 on October 6, 2015 (the "October MTNs") and the U.S.\$1.0 billion principal amount of 1.625% senior notes due 2017 on November 9, 2015 (the "November Notes"), there have been no material changes in the share and loan capital of the Corporation, on a consolidated basis, since September 30, 2015.

USE OF PROCEEDS

Unless otherwise indicated in a Prospectus Supplement relating to a particular offering of Securities, we intend to use the net proceeds from the sale of Securities to reduce or repay indebtedness and/or to, directly or indirectly, finance our long-term investment program. Specific information about the use of net proceeds will be set forth in the applicable Prospectus Supplement. We may invest funds which we do not immediately require in short-term marketable investment grade securities. We may, from time to time, issue securities (including debt securities) other than pursuant to this prospectus.

EARNINGS COVERAGE

The following financial ratios have been calculated on a consolidated basis for the respective 12-month periods ended December 31, 2014 and September 30, 2015 and are based on audited financial information in the case of the 12-month period ended December 31, 2014 and unaudited financial information in the case of the 12-month period ended September 30, 2015. The following financial ratios give pro forma effect to the issuance of the October MTNs and the November Notes. The financial ratios for the 12-month period ended December 31, 2014 also give pro forma effect to the issuance of: (i) the Series 11 Shares on March 2, 2015, (ii) the conversion of certain Series 3 Shares into Series 4 Shares on June 30, 2015, and the issuance by TCPL of: (i) U.S. \$500 million principal amount of 1.875% senior notes due 2018 (the "January Fixed Rate Notes") and U.S. \$250 million principal amount of floating rate senior notes due 2018 (the "January Floating Rate Notes") on January 12, 2015 (assuming a constant rate of interest for the notes for the applicable periods based on the rate of interest applicable to such notes on the date hereof), (ii) U.S. \$750 million principal amount of 4.60% senior notes due 2045 (the "Formosa Bonds") on March 31, 2015, (iii) U.S. \$750 million principal amount of 5.875% (reset quarterly starting May 20, 2025) subordinated notes due 2075 (the "Sub Notes") on May 20, 2015; and (iv) \$750 million principal amount of 3.30% medium term notes due 2025 (the "July MTNs") on July 17, 2015. The following ratios do not give effect to the issue of any Securities pursuant to this prospectus. Adjustments for other normal course issuances and repayments of long-term debt subsequent to September 30, 2015 and December 31, 2014, as applicable, would not materially affect the ratios and, as a result, have not been made.

	December 31, 2014	September 30, 2015
Earnings coverage on long-term debt and current liabilities	2.4 times	2.3 times
Earnings coverage on long-term debt, current liabilities and first preferred shares	2.2 times(1)	2.1 times(1)

- (1) Gives effect to the dividends declared on the Corporation's outstanding Series 1 Shares, Series 2 Shares, Series 3 Shares, Series 4 Shares, Series 5 Shares, Series 7 Shares, Series 9 Shares and Series 11 Shares, in the aggregate amount of \$129.6 million for the 12-months ended December 31, 2014 and in the aggregate amount of \$131.6 million for the 12-months ended September 30, 2015.

The Corporation's dividend requirements on all of its issued and outstanding Preferred Shares for: (i) the 12-month period ended December 31, 2014 after giving pro forma effect to the conversion of certain Series 3 Shares into Series 4 Shares and the issuance of the Series 11 Shares and adjusted to a before-tax equivalent using an effective income tax rate of 31.05%, amounted to approximately \$129.6 million; and (ii) the 12-month period ended September 30, 2015 adjusted to a before-tax equivalent using an effect income tax rate of 33.32%, amounted to approximately \$131.6 million. The Corporation's interest expense requirements for (i) the 12-month period ended December 31, 2014, after giving pro forma effect to the issuance of the January Fixed Rate Notes, the January Floating Rate Notes (assuming a constant rate of interest for the January Floating Rate Notes for the applicable periods based on the rate of interest applicable to such January Floating Rate Notes on the date hereof), the Formosa Bonds, the Sub Notes, the July MTNs, the October MTNs and the November Notes, amounted to approximately \$1.626 billion; and (ii) the 12-month period ended September 30, 2015 after giving pro forma effect to the issuance of the October MTNs and the November Notes amounted to approximately \$1.761 billion. The Corporation's earnings before interest expense and income taxes for the 12-month period ended December 31, 2014 were approximately \$3.870 billion, which is 2.2 times the Corporation's aggregate pro forma dividend and interest requirements for this period. The Corporation's earnings before interest expense and income taxes for the 12-month period

ended September 30, 2015 were approximately \$3.978 billion, which is 2.1 times the Corporation's aggregate pro forma dividend and interest requirements for this period.

DESCRIPTION OF THE SECURITIES BEING DISTRIBUTED

We are authorized to issue an unlimited number of Common Shares, of which approximately 703 million were issued and outstanding as of December 21, 2015; an unlimited number of First Preferred Shares, issuable in series, of which 9,498,423 Series 1 Shares, 12,501,577 Series 2 Shares, 8,533,405 Series 3 Shares, 5,466,595 Series 4 Shares, 14 million Series 5 Shares, 24 million Series 7 Shares, 18 million Series 9 Shares and 10 million Series 11 Shares were outstanding as of December 21, 2015; and an unlimited number of Second Preferred Shares, issuable in series, of which none were outstanding as of December 21, 2015. No Subscription Receipts were issued and outstanding as of December 21, 2015.

The following description of each of the Common Shares, First Preferred Shares, Second Preferred Shares and Subscription Receipts is a summary of certain of their material attributes and characteristics which does not purport to be complete. The terms and conditions set forth in this section will apply, as applicable, to each Common Share, First Preferred Share, Second Preferred Share and Subscription Receipt unless otherwise specified in the applicable Prospectus Supplement.

Common Shares

The Common Shares entitle the holders thereof to one vote per share at all meetings of shareholders, except meetings at which only holders of another specified class of shares are entitled to vote, and, subject to the rights, privileges, restrictions and conditions attaching to the Preferred Shares, whether as a class or a series, and to any other class or series of shares of TCC which rank prior to the Common Shares, entitle the holders thereof to receive: (i) dividends if, as and when declared by the board of directors of TCC out of the assets of TCC properly applicable to the payment of the dividends in such amount and payable at such times and at such place or places as the board of directors of TCC may from time to time determine; and (ii) the remaining property of TCC upon a dissolution.

The Corporation has a shareholders' rights plan (the "Rights Plan") that is designed to encourage the fair treatment of shareholders in connection with any takeover bid for the Corporation. Rights issued under the Rights Plan become exercisable when a person (subject to certain exceptions), and any related parties, acquires or announces the intention to acquire 20% or more of the Corporation's outstanding Common Shares without complying with certain provisions set out in the Rights Plan or without approval of the board of directors of the Corporation. Should such an acquisition occur, each rights holder, other than the acquiring person and related parties, will have the right to purchase Common Shares essentially at a 50% discount to the market price at that time. For further particulars, reference should be made to the Rights Plan, a copy of which may be obtained on request without charge from the Corporate Secretary of TCC, 450—1st Street S.W., Calgary, Alberta, Canada, T2P 5H1 (telephone (403) 920-2000).

First Preferred Shares

Subject to certain limitations, the board of directors of TCC may, at any time, and from time to time, issue First Preferred Shares in one or more series and determine for any such series, its designation, number of shares and respective rights, privileges, restrictions and conditions. The First Preferred Shares, as a class, have, among others, provisions to the effect set forth below.

The First Preferred Shares of each series shall rank on a parity with the First Preferred Shares of every other series, and shall be entitled to preference over the Common Shares, the Second Preferred Shares and any other shares ranking junior to the First Preferred Shares with respect to the payment of

dividends, the repayment of capital and the distribution of the assets of TCC in the event of a liquidation, dissolution or winding up of TCC or any other distribution of the assets of the Corporation among its shareholders for the purpose of winding-up its affairs, and may also be given such other preferences not inconsistent with the provisions of the Articles of TCC.

Except as provided by the *Canada Business Corporations Act* or as referred to below, the holders of the First Preferred Shares will not have any voting rights nor will they be entitled to receive notice of or to attend shareholders' meetings. The holders of any particular series of First Preferred Shares will, if the directors of TCC so determine prior to the issuance of such series, be entitled to such voting rights as may be determined by the directors if TCC fails to pay dividends on that series of First Preferred Shares for any period as may be so determined by the directors.

Subject to the provisions of the *Canada Business Corporations Act* and any provisions relating to any particular series, TCC, upon giving proper notice, may redeem out of capital or otherwise at any time, or from time to time, the whole or any part of the then outstanding First Preferred Shares of any one or more series on payment for each such First Preferred Share of such price or prices as may be applicable to such series. Subject to the foregoing, in case a part only of the then outstanding First Preferred Shares of any particular series is at any time redeemed, the shares to be redeemed will be selected by lot in such manner as the directors or the transfer agent for the First Preferred Shares, if any, decide, or if the directors so determine, may be redeemed pro rata disregarding fractions.

The provisions attaching to the First Preferred Shares as a class may be modified, amended or varied only with the approval of the holders of the First Preferred Shares as a class. Any such approval to be given by the holders of the First Preferred Shares may be given by the affirmative vote of the holders of not less than $66\frac{2}{3}$ per cent of the First Preferred Shares represented and voted at a meeting or adjourned meeting of such holders.

Second Preferred Shares

The rights, privileges, restrictions and conditions attaching to the Second Preferred Shares are substantially identical to those attaching to the First Preferred Shares, except that the Second Preferred Shares are junior to the First Preferred Shares with respect to the payment of dividends, repayment of capital and the distribution of the assets of TCC in the event of a liquidation, dissolution or winding up of TCC.

Subscription Receipts

The Subscription Receipts may be offered separately or together with the Common Shares, First Preferred Shares or Second Preferred Shares, as the case may be. The Subscription Receipts will be issued under a subscription receipt agreement that will be entered into by the Corporation at the time of issuance of the Subscription Receipts.

The applicable Prospectus Supplement will include details of the subscription receipt agreement covering the Subscription Receipts being offered. The specific terms of the Subscription Receipts, and the extent to which the general terms described in this section apply to those Subscription Receipts, will be set forth in the applicable Prospectus Supplement. A copy of the subscription receipt agreement will be filed by the Corporation with securities regulatory authorities in Canada after it has been entered into by the Corporation.

The particular terms of each issue of Subscription Receipts that will be described in the related Prospectus Supplement will include, where applicable:

- the number of Subscription Receipts;
- the price at which the Subscription Receipts will be offered;

- the procedures for the exchange of the Subscription Receipts into Common Shares, First Preferred Shares or Second Preferred Shares, as the case may be;
- the number of Common Shares, First Preferred Shares or Second Preferred Shares, as the case may be, that may be exchanged upon exercise of each Subscription Receipt;
- the designation and terms of any other Securities with which the Subscription Receipts will be offered, if any, and the number of Subscription Receipts that will be offered with each Security;
- terms relating to the holding and release or return of the gross proceeds from the sale of the Subscription Receipts plus any interest earned thereon;
- material income tax consequences of owning the Subscription Receipts; and
- any other material terms and conditions of the Subscription Receipts.

Pursuant to the Subscription Receipt agreement, original purchasers of Subscription Receipts will have a contractual right of rescission against the Corporation, following the issuance of the underlying Common Shares or other securities to such purchasers, upon the surrender or deemed surrender of the Subscription Receipts, to receive the amount paid for the Subscription Receipts in the event that the applicable Prospectus Supplement and any amendment thereto contains a misrepresentation or is not delivered to such purchaser, provided such remedy for rescission is exercised within 180 days from the closing date of the offering of Subscription Receipts.

PLAN OF DISTRIBUTION

We may offer and sell the Securities: (i) through underwriters purchasing as principals; (ii) directly to one or more purchasers in accordance with applicable securities laws; or (iii) through agents. Securities may be sold from time to time in one or more transactions at a fixed price or fixed prices, or at non-fixed prices. If offered on a non-fixed price basis, Securities may be offered at market prices prevailing at the time of sale or at prices to be negotiated with purchasers at the time of sale, which prices may vary as between purchasers and during the period of distribution. If Securities are offered on a non-fixed price basis, the underwriters' or agents' compensation will be increased or decreased by the amount by which the aggregate price paid for Securities by the purchasers exceeds or is less than the gross proceeds paid by the underwriters or agents to us.

The Prospectus Supplement relating to each offering of Securities will identify each underwriter or agent, as the case may be, and will also set forth the terms of that offering, including the type of Security being offered, the purchase price of such Security, the proceeds to the Corporation, any underwriters' or agents' fees, commissions or other items constituting underwriters' or agents' compensation, the public offering price, and any concessions or discounts allowed or re-allowed or paid by any underwriters to others. Only underwriters or agents so named in the Prospectus Supplement are deemed to be underwriters or agents, as the case may be, in connection with the Securities offered thereby.

If underwriters purchase Securities as principal, the Securities will be acquired by the underwriters for their own account and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase those Securities will be subject to certain conditions precedent, and the underwriters will be obligated to purchase all the Securities offered by the Prospectus Supplement if any of such Securities are purchased. Any public offering price and any discounts or concessions allowed or re-allowed or paid may be changed from time to time.

The Securities may also be sold directly by us in accordance with applicable securities laws at prices and upon terms agreed to by the purchaser and us or through agents designated by us from time to time. Any agent involved in the offering and sale of the Securities pursuant to a particular

Prospectus Supplement will be named, and any commissions payable by us to that agent will be set forth, in such Prospectus Supplement. Unless otherwise indicated in the Prospectus Supplement, any agent would be acting on a best efforts basis for the period of its appointment.

In connection with the sale of the Securities, underwriters may receive compensation from us in the form of commissions, concessions or discounts. Any such commissions may be paid out of our general funds or the proceeds of the sale of the Securities. Under agreements which may be entered into by us, underwriters and agents who participate in the distribution of Securities may be entitled to indemnification by us against certain liabilities, including liabilities under securities legislation, or to contribution with respect to payments which such underwriters or agents may be required to make in respect thereof. Those underwriters and agents may be customers of, engage in transactions with or perform services for us in the ordinary course of business.

Any offering of Preferred Shares or Subscription Receipts will be a new issue of Securities with no established trading market. Unless otherwise specified in the applicable Prospectus Supplement, the Preferred Shares or Subscription Receipts will not be listed on any stock exchange. Certain dealers may make a market in such Securities, but will not be obligated to do so and may discontinue any market making at any time without notice. No assurance can be given that any dealer will make a market in such Securities or as to the liquidity of the trading market, if any, for such Securities.

The applicable Prospectus Supplement will set forth the intention of any underwriters or agents who participate in the distribution of the Securities to over-allot or effect transactions which stabilize, maintain, or otherwise affect the Security's price at a higher level than that which might exist in the open market. Such transactions may be commenced, interrupted or discontinued at any time without notice.

TRADING PRICE AND VOLUME

The Common Shares are listed for trading on the TSX and the NYSE under the symbol "TRP" and the Series 1 Shares, the Series 2 Shares, the Series 3 Shares, the Series 4 Shares, the Series 5 Shares, the Series 7 Shares, the Series 9 Shares and the Series 11 Shares are listed for trading on the TSX under the symbols "TRP.PR.A", "TRP.PR.F", "TRP.PR.B", "TRP.PR.H", "TRP.PR.C", "TRP.PR.D", "TRP.PR.E", and "TRP.PR.G" respectively. The following table sets forth the reported monthly high, low and closing trading prices and monthly trading volumes of the Common Shares, Series 1 Shares, Series 2 Shares, Series 3 Shares, Series 4 Shares, Series 5 Shares, Series 7 Shares, Series 9 Shares and Series 11 Shares on the TSX for the period from November 1, 2014 to December 21, 2015.

	Common Shares			
	Share Price Trading			Volume
	Range		Close	
High	Low			
	(\$ per share)			
2014				
November	57.98	53.87	54.45	29,512,092
December	58.18	51.47	57.10	39,181,474
2015				
January	58.17	50.51	56.54	30,794,015
February	59.50	53.69	54.79	25,994,936
March	56.51	53.06	54.16	27,402,084
April	58.12	53.57	56.00	22,163,117
May	56.64	52.98	53.90	19,687,840
June	54.35	50.15	50.76	37,765,436
July	52.16	48.46	50.83	22,653,037
August	51.13	41.95	45.90	27,618,517
September	45.84	41.10	42.20	34,144,320
October	46.43	41.67	44.00	34,162,593
November	45.54	40.68	42.14	32,389,719
December 1-21	48.44	40.58	44.67	49,692,149

	Series 1 Shares(1)				Series 2 Shares				Series 3 Shares				Series 4 Shares(2)			
	Share Price Trading Range			Volume	Share Price Trading Range			Volume	Share Price Trading Range			Volume	Share Price Trading Range			Volume
	High	Low	Close		High	Low	Close		High	Low	Close		High	Low	Close	
(\$ per share)				(\$ per share)				(\$ per share)				(\$ per share)				
2014																
November	22.29	21.40	21.50	961,356	—	—	—	—	19.29	18.48	18.54	614,216	—	—	—	—
December	21.50	19.18	21.20	1,887,035	22.85	22.41	22.61	37,025	18.49	17.02	17.92	511,512	—	—	—	—
2015																
January	21.90	20.00	20.66	560,629	22.53	18.65	19.19	347,926	18.66	14.63	15.05	560,874	—	—	—	—
February	20.83	19.43	20.06	131,566	19.20	17.81	18.60	199,742	15.62	14.05	14.17	285,782	—	—	—	—
March	21.02	19.51	20.71	252,192	20.00	18.50	19.54	125,953	15.50	14.06	15.03	593,528	—	—	—	—
April	20.85	18.60	20.63	202,551	19.70	18.00	19.00	286,756	15.35	13.47	15.35	751,232	—	—	—	—
May	21.49	20.09	20.10	400,393	19.52	18.62	19.25	261,019	16.76	15.15	15.54	440,791	—	—	—	—
June	20.71	19.27	20.41	227,669	19.25	18.55	18.66	158,772	15.26	14.50	14.90	287,200	—	—	—	—
July	20.57	18.52	18.62	204,317	18.85	16.98	17.08	125,457	15.34	14.50	14.65	650,505	15.74	14.20	15.42	156,284
August	18.60	13.76	16.58	110,168	17.16	12.01	14.35	117,588	14.56	10.76	12.12	140,297	15.44	10.06	11.00	71,030
September	17.77	14.52	14.98	155,532	15.25	12.52	12.96	197,910	12.99	11.62	11.84	122,321	11.88	10.75	10.77	207,108
October	16.19	14.00	15.60	336,444	14.90	12.30	14.45	212,163	13.19	10.95	13.19	291,286	11.70	10.09	11.44	145,129
November	17.59	15.42	15.76	400,301	15.50	13.68	13.90	301,818	13.98	11.64	11.96	91,906	12.20	10.30	10.82	116,264
December 1-21	16.32	14.02	15.70	324,073	14.00	12.50	13.15	298,468	11.95	10.51	11.08	254,608	11.01	9.65	9.95	115,249

	Series 5 Shares				Series 7 Shares				Series 9 Shares(3)				Series 11 Shares(4)			
	Share Price Trading Range			Volume	Share Price Trading Range			Volume	Share Price Trading Range			Volume	Share Price Trading Range			Volume
	High	Low	Close		High	Low	Close		High	Low	Close		High	Low	Close	
(\$ per share)				(\$ per share)				(\$ per share)				(\$ per share)				
2014																
November	22.48	21.55	21.86	238,730	25.59	25.05	25.53	196,566	25.69	25.20	25.56	798,443	—	—	—	—
December	21.98	18.61	21.53	488,294	25.55	24.79	25.28	350,740	25.73	25.00	25.43	345,413	—	—	—	—
2015																
January	21.57	16.75	17.55	188,280	25.30	23.23	23.75	280,661	25.65	23.30	23.76	140,342	—	—	—	—
February	17.55	16.25	16.98	292,579	24.45	23.40	23.88	246,679	24.99	23.43	24.50	131,828	—	—	—	—
March	18.12	16.15	16.22	471,348	24.45	23.45	23.75	473,362	25.03	24.00	24.32	564,382	25.10	24.65	24.98	2,612,855
April	17.68	15.35	17.45	593,653	23.82	21.88	23.70	409,397	24.39	22.22	24.34	312,264	25.08	24.60	25.06	820,359
May	18.74	16.74	16.96	492,933	24.47	22.83	22.95	295,895	24.87	23.71	23.95	234,005	25.77	24.75	24.90	421,987
June	17.23	15.90	16.35	237,532	23.01	21.79	22.20	352,000	23.89	22.29	22.69	246,365	25.24	24.52	25.00	259,105
July	16.40	14.75	14.83	642,077	22.25	20.24	20.24	593,175	22.99	21.04	21.04	147,663	25.10	23.36	23.67	312,258
August	14.82	10.86	13.09	175,873	21.10	18.42	18.80	318,717	21.20	18.82	19.56	247,723	23.95	18.47	22.34	126,388
September	13.68	11.90	12.20	250,710	20.19	16.52	17.20	350,929	20.46	17.07	17.95	516,358	22.82	19.04	19.48	127,079
October	13.99	11.30	13.35	309,549	19.40	15.69	19.00	983,326	19.80	16.21	19.50	536,722	22.35	17.58	21.90	256,228
November	14.99	12.53	12.69	371,781	20.84	18.04	18.58	603,568	21.68	18.80	19.35	467,963	22.48	20.00	20.38	230,890
December 1-21	12.60	11.10	11.80	364,800	18.75	16.76	17.64	947,953	19.79	17.60	18.72	489,495	20.69	18.10	20.48	297,285

- (1) The Series 2 Shares began trading on December 31, 2014.
- (2) The Series 4 Shares began trading on June 30, 2015.
- (3) The Series 9 Shares began trading on January 20, 2014.
- (4) The Series 11 Shares began trading on March 2, 2015.

ENFORCEABILITY OF CIVIL LIABILITIES

We are a corporation incorporated under and governed by the *Canada Business Corporations Act*. Some of our directors and officers, and some of the experts named in this prospectus, are residents of Canada or otherwise reside outside the U.S., and all or a substantial portion of their assets, and a substantial portion of the Corporation's assets which are held through subsidiaries, are located outside the U.S. We have appointed an agent for service of process in the U.S., but it may be difficult for holders of Securities who reside in the U.S. to effect service within the U.S. upon those directors, officers and experts who are not residents of the U.S. It may also be difficult for holders of Securities

who reside in the U.S. to realize in the U.S. upon judgments of courts of the U.S. predicated upon the Corporation's civil liability and the civil liability of the directors and officers of the Corporation and experts under U.S. federal securities laws.

We have been advised by our Canadian counsel, Blake, Cassels & Graydon LLP, that a judgment of a U.S. court predicated solely upon civil liability under U.S. federal securities laws would probably be enforceable in Canada if the U.S. court in which the judgment was obtained has a basis for jurisdiction in the matter that would be recognized by a Canadian court for the same purposes. We have also been advised by Blake, Cassels & Graydon LLP, however, that there is real doubt whether an action could be brought in Canada in the first instance on the basis of liability predicated solely upon U.S. federal securities laws.

We have filed with the SEC, concurrently with our registration statement on Form F-10, an appointment of agent for service of process on Form F-X. Under the Form F-X, we appointed TransCanada Pipeline USA Ltd. as our agent for service of process in the U.S. in connection with any investigation or administrative proceeding conducted by the SEC, and any civil suit or action brought against or involving us in a U.S. court arising out of or related to or concerning the offering of Securities under this prospectus.

CERTAIN INCOME TAX CONSIDERATIONS

The applicable Prospectus Supplement will describe certain material Canadian federal income tax consequences to an investor who is a resident of Canada or who is a non-resident of Canada of the acquisition, ownership and disposition of any Securities offered thereunder, including whether the payment of dividends will be subject to Canadian non-resident withholding tax.

The applicable Prospectus Supplement will also describe certain material U.S. federal income tax consequences of the acquisition, ownership and disposition of any Securities offered thereunder by an initial investor who is a U.S. person (within the meaning of the United States Internal Revenue Code).

RISK FACTORS

Investment in the Securities is subject to various risks including those discussed below and those risks inherent in the pipeline, energy and gas storage industries. You should consider carefully the risk factors contained in and incorporated by reference in this prospectus (including subsequently filed documents incorporated by reference) and those described in a Prospectus Supplement relating to a specific offering of Securities.

Discussions of certain risks affecting us in connection with our business are provided in our annual and interim disclosure documents filed with the various securities regulatory authorities which are incorporated by reference in this prospectus.

There is no market through which the Securities (other than the Common Shares) may be sold.

There is currently no market through which any of the Securities, other than the Common Shares, may be sold and the purchasers of such Securities may not be able to resell such securities purchased under this prospectus and any Prospectus Supplement. There can be no assurance that a secondary market will develop for any of the Preferred Shares or Subscription Receipts that may be issued under this prospectus or that any secondary market which does develop will continue. This may affect the pricing of such Securities in the secondary market, if any, the transparency and availability of trading prices, the liquidity of the securities and the extent of regulation of such Securities.

The public offering prices of the Securities may be determined by negotiation between the Corporation and underwriters based on several factors and may bear no relationship to the prices at which Securities will trade in the public market subsequent to such offering. See "Plan of Distribution".

Credit Ratings May Not Reflect All Risks of an Investment in the Securities and May Change

Credit ratings may not reflect all risks associated with an investment in the Preferred Shares. Any credit ratings applied to the Preferred Shares are an assessment of the Corporation's ability to pay its obligations. Consequently, real or anticipated changes in the credit ratings will generally affect the market value of the Preferred Shares. The credit ratings, however, may not reflect the potential impact of risks related to structure, market or other factors discussed herein on the value of the Preferred Shares. There is no assurance that any credit rating assigned to the Preferred Shares will remain in effect for any given period of time or that any rating will not be lowered or withdrawn entirely by the relevant rating agency.

LEGAL MATTERS

Certain matters relating to the issue and sale of the Securities will be passed upon on behalf of the Corporation by Blake, Cassels & Graydon LLP, as to matters of Canadian law, and Mayer Brown LLP, as to matters of U.S. law. As to matters of Canadian law, Mayer Brown LLP will rely upon the opinion of Blake, Cassels & Graydon LLP.

EXPERTS

The consolidated financial statements of the Corporation as at December 31, 2014 and 2013 and for each of the years in the three-year period ended December 31, 2014, have been incorporated by reference herein and in the registration statement in reliance upon the report of KPMG LLP, Chartered Professional Accountants, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

INTEREST OF EXPERTS

As at the date of this prospectus, the partners and associates of Blake, Cassels & Graydon LLP, as a group, beneficially own, directly or indirectly, less than 1% of any class of securities of the Corporation. In connection with the audit of the Corporation's annual financial statements for the year ended December 31, 2014, KPMG LLP confirmed that they are independent with respect to the Corporation within the meaning of the relevant rules and related interpretations prescribed by the relevant professional bodies in Canada and any applicable legislation or regulations and also that they are independent accountants with respect to the Corporation under all relevant U.S. professional and regulatory standards.

DOCUMENTS FILED AS PART OF THE REGISTRATION STATEMENT

The following documents have been or will be filed with the SEC as part of the registration statement of which this prospectus forms a part: the documents referred to under "Documents Incorporated by Reference"; consents of KPMG LLP; consent of Blake, Cassels & Graydon LLP; consent of Mayer Brown LLP; and powers of attorney from directors and officers of the Corporation.

PART II

INFORMATION NOT REQUIRED TO BE DELIVERED TO OFFEREES OR PURCHASERS

Indemnification of Certain Persons

Section 124 of the *Canada Business Corporations Act* ("CBCA") and Section 6 of By-Law No. 1 of TransCanada Corporation ("TransCanada" or the "Registrant") provide for the indemnification of directors and officers of TransCanada. Under these provisions, TransCanada shall indemnify a director or officer of TransCanada, a former director or officer, and may indemnify an individual who acts or acted at TransCanada's request as a director or officer or in a similar capacity of another entity (collectively, an "Indemnified Person") against all costs, charges and expenses, including an amount paid to settle an action or satisfy a judgment, reasonably incurred by the Indemnified Person in respect of any civil, criminal, administrative, investigative or other proceeding (other than in respect to an action by or on behalf of TransCanada to procure a judgment in its favor) in which the individual is involved because of that association with TransCanada or other entity, if the Indemnified Person fulfills the following two conditions: (a) he or she acted honestly and in good faith with a view to the best interests of TransCanada or in the best interests of such other entity as applicable and (b) in the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty, he or she had reasonable grounds for believing that his or her conduct was lawful. In respect of an action by or on behalf of TransCanada or such other entity to procure a judgment in its favor, TransCanada, with the approval of a court, may indemnify an Indemnified Person against all costs, charges and expenses reasonably incurred by him or her in connection with such action if he or she fulfills the conditions set out in clauses (a) and (b) of the previous sentence. Notwithstanding the foregoing, an Indemnified Person is entitled to indemnification from TransCanada in respect of all costs, charges and expenses reasonably incurred by him or her in connection with the defense of any civil, criminal, administrative, investigative or other proceeding to which he or she is made a party by reason of his or her association with TransCanada or such other entity if he or she fulfills the conditions in clauses (a) and (b) of this paragraph and was not judged by the court or other competent authority to have committed any fault or omitted to do anything that the individual ought to have done.

Insofar as indemnification for liabilities arising under the United States Securities Act of 1933, as amended (the "Securities Act") may be permitted to directors, officers or controlling persons of the Registrant pursuant to the provisions described above, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

TransCanada maintains directors' and officers' liability insurance with policy limits of U.S. \$200,000,000 in the aggregate, subject to a deductible in respect of corporate reimbursement of U.S.\$5,000,000 for each loss and a separate policy with a limit of U.S.\$50,000,000 for non-indemnifiable losses only. Generally, under this insurance TransCanada is reimbursed for payments in excess of the deductible made under corporate indemnity provisions on behalf of its directors and officers, and individual directors and officers (or their heirs and legal representatives) are covered for losses arising during the performance of their duties for which they are not indemnified by TransCanada. Noteworthy exclusions from coverage are: claims arising from illegal acts, those acts which result in illegal personal profit, violation of any fiduciary duty under the United States of America Employee Retirement Income Security Act of 1974, pollution damage (except for resultant shareholder actions), bodily injury, property damage or engineering professional services and claims brought by a director or officer against another director or officer or by TransCanada against a director or officer except for shareholder derivative actions not assisted in by a director or officer of TransCanada.

The foregoing is a description of the provisions of Section 124 of the CBCA and TransCanada's By-Law No. 1 regarding indemnification of directors and officers of TransCanada and TransCanada's directors' and officers' liability insurance in effect as of December 23, 2015.

Additionally, directors and officers of TransCanada are party to indemnity agreements with TransCanada pursuant to which TransCanada has agreed to indemnify such directors and officers from liability arising in connection with the performance of their duties. Such indemnity agreements conform with the provisions of the CBCA.

EXHIBITS

<u>Exhibit Number</u>	<u>Description</u>
4.1	Audited comparative consolidated financial statements of TransCanada as at December 31, 2014 and 2013 and for each of the years in the three-year period ended December 31, 2014, the notes thereto, and the auditors' report thereon (included as part of the Form 40-F filed with the Securities and Exchange Commission on February 13, 2015 and incorporated by reference herein).
4.2	Management's Discussion and Analysis of Financial Condition and Results of Operations of TransCanada as at and for the year ended December 31, 2014 (included as part of the Form 40-F filed with the Securities and Exchange Commission on February 13, 2015 and incorporated by reference herein).
4.3	Annual Information Form of TransCanada for the year ended December 31, 2014, dated February 12, 2015 (included as part of the Form 40-F filed with the Securities and Exchange Commission on February 13, 2015 and incorporated by reference herein).
4.4	Management Information Circular dated March 2, 2015 (filed with the Securities and Exchange Commission as part of a Form 6-K report on March 23, 2015 and incorporated by reference herein).
4.5	Consolidated comparative interim unaudited financial statements of TransCanada as at September 30, 2015 and for the nine-month periods ended September 30, 2015 and 2014, and the notes thereto (filed with the Securities and Exchange Commission as part of a Form 6-K report on November 3, 2015 and incorporated by reference herein).
4.6	Management's Discussion and Analysis of Financial Condition and Results of Operations of TransCanada as at and for the nine-month period ended September 30, 2015 (filed with the Securities and Exchange Commission as part of a Form 6-K report on November 3, 2015 and incorporated by reference herein).
*4.7	Consent of KPMG LLP filed with the Alberta Securities Commission.
*4.8	Consent of Blake, Cassels & Graydon LLP filed with the Alberta Securities Commission.
*5.1	Consent of KPMG LLP.
*5.2	Consent of Blake, Cassels & Graydon LLP.
*5.3	Consent of Mayer Brown LLP.
**6.1	Power of attorney (included in the original filing of this Registration Statement).

* Filed herewith.

** Previously filed.

PART III

UNDERTAKING AND CONSENT TO SERVICE OF PROCESS

Item 1. Undertaking

The Registrant undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the Commission staff, and to furnish promptly, when requested to do so by the Commission staff, information relating to the securities registered pursuant to Form F-10 or to transactions in said securities.

Item 2. Consent to Service of Process

- (a) Concurrently with the original filing of this Registration Statement, the Registrant filed with the Commission a written irrevocable consent and power of attorney on Form F-X.
- (b) Any change to the name or address of the agent for service of the Registrant shall be communicated promptly to the Commission by amendment to Form F-X referencing the file number of the relevant registration statement.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form F-10 and has duly caused this Amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Calgary, Province of Alberta, Country of Canada, on the 23rd day of December, 2015.

TRANSCANADA CORPORATION

By: /s/ Russell K. Girling

Name: Russell K. Girling
Title: President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this Amendment to the Registration Statement has been signed below by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ *</u> Russell K. Girling	President and Chief Executive Officer (Principal Executive Officer)	December 23, 2015
<u>/s/ *</u> Donald R. Marchand	Executive Vice-President, Corporate Development and Chief Financial Officer (Principal Financial Officer)	December 23, 2015
<u>/s/ *</u> G. Glenn Menuz	Vice-President and Controller (Principal Accounting Officer)	December 23, 2015
<u>/s/ *</u> S. Barry Jackson	Director, Chair	December 23, 2015
<u>/s/ *</u> Kevin E. Benson	Director	December 23, 2015
<u>/s/ *</u> Derek H. Burney	Director	December 23, 2015

<u>Signature</u>	<u>Title</u>	<u>Date</u>
/s/ * _____		
The Hon. Paule Gauthier	Director	December 23, 2015
/s/ * _____		
John E. Lowe	Director	December 23, 2015
/s/ * _____		
Paula Rosput Reynolds	Director	December 23, 2015
/s/ John Richels _____		
John Richels	Director	December 23, 2015
/s/ * _____		
Mary Pat Salomone	Director	December 23, 2015
/s/ * _____		
D. Michael G. Stewart	Director	December 23, 2015
/s/ Siim A. Vanaselja _____		
Siim A. Vanaselja	Director	December 23, 2015
/s/ * _____		
Richard E. Waugh	Director	December 23, 2015

By: /s/ CHRISTINE R. JOHNSTON

Name: Christine R. Johnston
Title: Attorney-in-fact

AUTHORIZED REPRESENTATIVE

Pursuant to the requirements of Section 6(a) of the Securities Act of 1933, the undersigned has signed this Amendment to the Registration Statement, solely in the capacity of the duly authorized representative of TransCanada Corporation in the United States, on December 23, 2015 in Calgary, Alberta, Canada.

TRANSCANADA PIPELINE USA LTD.

By: /s/ Christine R. Johnston

Name: Christine R. Johnston
Title: Vice-President and Assistant Secretary

III-4

EXHIBIT INDEX

<u>Exhibit Number</u>	<u>Description</u>
4.1	Audited comparative consolidated financial statements of TransCanada as at December 31, 2014 and 2013 and for each of the years in the three-year period ended December 31, 2014, the notes thereto, and the auditors' report thereon (included as part of the Form 40-F filed with the Securities and Exchange Commission on February 13, 2015 and incorporated by reference herein).
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*5.2	Consent of Blake, Cassels & Graydon LLP.
*5.3	Consent of Mayer Brown LLP.
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* Filed herewith.

** Previously filed.

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[AUTHORIZED REPRESENTATIVE](#)

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KPMG LLP
205-5th Avenue SW
Suite 3100, Bow Valley Square 2
Calgary AB
T2P 4B9

Telephone (403) 691-8000
Fax (403) 691-8008
www.kpmg.ca

To the Securities Commission or similar regulatory authority in each of the provinces and territories of Canada

Dear Sirs/Mesdames:

Re: TransCanada Corporation (the "Corporation")

We refer to the short form base shelf prospectus of the above Corporation dated December 23, 2015 (the "Prospectus") relating to the offer and issue of up to \$2,000,000,000 (or the equivalent in US dollars or other currencies) common shares, first preferred shares, second preferred shares and subscription receipts of the Corporation.

We consent to being named and to the use, through incorporation by reference in the above-mentioned Prospectus, of our report dated February 12, 2015 to the shareholders of the Corporation on the following consolidated financial statements:

Consolidated balance sheets as at December 31, 2014 and December 31, 2013,

Consolidated statements of income, cash flows, comprehensive income, and equity for each of the years in the three-year period ended December 31, 2014, and

notes, comprising a summary of significant accounting policies and other explanatory information.

We report that we have read the Prospectus and all information specifically incorporated by reference therein and have no reason to believe that there are any misrepresentations in the information contained therein that are derived from the consolidated financial statements upon which we have reported or that are within our knowledge as a result of our audit of such consolidated financial statements. We have complied with Canadian generally accepted standards for an auditor's consent to the use of a report of the auditor included in an offering document, which does not constitute an audit or review of the Prospectus as these terms are described in the CPA Canada Handbook — Assurance.

Yours very truly,

A handwritten signature in black ink that reads "KPMG LLP". The letters are bold and slightly slanted, with a cursive-like style.

Chartered Professional Accountants

December 23, 2015
Calgary, Canada

KPMG LLP is a Canadian limited liability partnership and a member firm of the KPMG network of independent member firms affiliated with KPMG International Cooperative ("KPMG International"), a Swiss entity.
KPMG Canada provides services to KPMG LLP.

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[Exhibit 4.7](#)



Blake, Cassels & Graydon LLP
Barristers & Solicitors
Patent & Trade-mark Agents
855 - 2nd Street S.W.
Suite 3500, Bankers Hall East Tower
Calgary AB T2P 4J8 Canada
Tel: 403-260-9600 Fax: 403-260-9700

December 23, 2015

VIA SEDAR — PROJECT #02429893

Alberta Securities Commission (as Principal Regulator under National Policy 11-202)

British Columbia Securities Commission

Financial and Consumer Affairs Authority of Saskatchewan

The Manitoba Securities Commission

Ontario Securities Commission

Autorité des marchés financiers

Nova Scotia Securities Commission

Prince Edward Island Superintendent of Securities

New Brunswick Financial and Consumer Services Commission

Superintendent of Securities, Service Newfoundland and Labrador

Northwest Territories Superintendent of Securities

Yukon Superintendent of Securities

Nunavut Superintendent of Securities

Dear Sirs:

Re: TransCanada Corporation
Final Short Form Base Shelf Prospectus

We refer to the final short form base shelf prospectus dated December 23, 2015 (the "**Prospectus**") of TransCanada Corporation (the "**Corporation**") relating to the offering by the Corporation of common shares, first preferred shares, second preferred shares and subscription receipts having an aggregate offering price of up to \$2,000,000,000.

We hereby consent to the references to our firm name under the headings "Enforceability of Civil Liabilities", "Legal Matters", "Interest of Experts" and "Documents Filed as Part of the Registration Statement" in the Prospectus and to the use of our opinion under the heading "Enforceability of Civil Liabilities" in the Prospectus.

We confirm that we have read the Prospectus and have no reason to believe that there are any misrepresentations in the information contained in the Prospectus that are derived from our opinion referred to therein or that are within our knowledge as a result of the services we performed in connection with such opinion.

Yours truly,

(signed) "*Blake, Cassels & Graydon LLP*"

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[Exhibit 4.8](#)



KPMG LLP
205-5th Avenue SW
Suite 3100, Bow Valley Square 2
Calgary AB
T2P 4B9

Telephone (403) 691-8000
Fax (403) 691-8008
www.kpmg.ca

Consent of Independent Registered Public Accounting Firm

The Board of Directors of TransCanada Corporation

We consent to the use of our audit report dated February 12, 2015, on the consolidated financial statements of TransCanada Corporation, which comprise the consolidated balance sheets as at December 31, 2014 and December 31, 2013, the consolidated statements of income, cash flows, comprehensive income, and equity for each of the years in the three-year period ended December 31, 2014, and notes, comprising a summary of significant accounting policies and other explanatory information, which is incorporated herein by reference and to the reference to our firm under the heading "Experts" in the prospectus.

KPMG LLP

Chartered Professional Accountants

December 23, 2015
Calgary, Canada

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KPMG Canada provides services to KPMG LLP.

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[Exhibit 5.1](#)

[Consent of Independent Registered Public Accounting Firm](#)

The logo for Blakes, featuring the word "Blakes" in a large, elegant, black cursive script.

Blake, Cassels & Graydon LLP
Barristers & Solicitors
Patent & Trade-mark Agents
855 - 2nd Street S.W.
Suite 3500, Bankers Hall East Tower
Calgary AB T2P 4J8 Canada
Tel: 403-260-9600 Fax: 403-260-9700

December 23, 2015

Reference: 88902/30

TransCanada Corporation
450 – 1st Street S.W.
Calgary, Alberta, Canada
T2P 5H1

Re: TransCanada Corporation (the "Corporation")

Dear Ladies and Gentlemen:

We hereby consent to the references to this firm under the captions "Enforceability of Civil Liabilities", "Legal Matters", "Interest of Experts" and "Documents Filed as Part of the Registration Statement" in the prospectus included as part of the registration statement on Form F-10 (Registration No. 333-208585) of the Corporation.

In giving this consent, we do not thereby admit that we come within the category of persons whose consent is required by the Securities Act of 1933 or the rules and regulations promulgated thereunder.

Yours very truly,

(signed) "*Blake, Cassels & Graydon LLP*"

Blake, Cassels & Graydon LLP

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[Exhibit 5.2](#)

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Exhibit 5.3

MAYER • BROWN

Mayer Brown LLP
71 South Wacker Drive
Chicago, Illinois 60606-4637

Main Tel (312) 782-0600
Main Fax (312) 701-7711
www.mayerbrown.com

December 23, 2015

TransCanada Corporation
450 – 1st Street S.W.
Calgary, Alberta, Canada, T2P 5H1

Ladies and Gentlemen:

We hereby consent to the reference to this firm under the caption "Legal Matters" in the prospectus included as part of the registration statement on Form F-10 (Registration No. 333-208585) of TransCanada Corporation.

Very truly yours,

/s/ Mayer Brown LLP

Mayer Brown LLP

Mayer Brown LLP operates in combination with other Mayer Brown entities (the "Mayer Brown Practices"), which have offices in North America, Europe and Asia and are associated with Tauil & Chequer Advogados, a Brazilian law partnership.

QuickLinks

[Exhibit 5.3](#)