

TRANSCANADA CORP  
Form 40-F  
February 25, 2010

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## U.S. Securities and Exchange Commission

Washington, D.C. 20549

### Form 40-F

o **REGISTRATION STATEMENT PURSUANT TO SECTION 12 OF THE SECURITIES EXCHANGE ACT of 1934**

OR

ý **ANNUAL REPORT PURSUANT TO SECTION 13(A) OR 15 (D) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended **December 31, 2009** Commission File Number **1-31690**

## TRANSCANADA CORPORATION

(Exact Name of Registrant as specified in its charter)

### Canada

(Jurisdiction of incorporation or organization)

**4922, 4923, 4924, 5172**

(Primary Standard Industrial Classification Code Number (if applicable))

**Not Applicable**

(I.R.S. Employer Identification Number (if applicable))

**TransCanada Tower, 450 - 1 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., 717 Texas Street**

**Houston, Texas, 77002-2761; (832) 320-5201**

(Name, address (including zip code) and telephone number (including area code) of agent for service in the United States)

#### Securities registered pursuant to section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common Shares (including Rights under Shareholder Rights Plan)	New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: **None**

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: **None**

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For annual reports, indicate by check mark the information filed with this Form:

Annual Information Form

Audited annual financial statements

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report.

**At December 31, 2009, 684,358,621 common shares and  
22,000,000 Cumulative Redeemable First Preferred Shares, Series 1  
were issued and outstanding**

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the *Exchange Act* during the preceding 12 months (or such shorter period that the Registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes  No

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The documents (or portions thereof) forming part of this Form 40-F are incorporated by reference into the following registration statements under the *Securities Act of 1933*, as amended:

Form	Registration No.
S-8	333-5916
S-8	333-8470
S-8	333-9130
S-8	333-151736
F-3	33-13564
F-3	333-6132
F-10	333-151781
F-10	333-161929

### AUDITED CONSOLIDATED ANNUAL FINANCIAL STATEMENTS AND MANAGEMENT'S DISCUSSION & ANALYSIS

#### A. Audited Annual Financial Statements

For audited consolidated financial statements, including the report of the independent chartered accountants see pages 93 through 150 of the TransCanada Corporation ("TransCanada") 2009 Annual Report to Shareholders included herein. See the related supplementary note entitled "Reconciliation to United States GAAP" for a reconciliation of the differences between Canadian and United States generally accepted accounting principles, including the auditors' report, attached as document 13.4, and the related comments by auditors for United States readers on Canada United States reporting differences, attached as document 99.1.

#### B. Management's Discussion & Analysis

For management's discussion and analysis, see pages 6 through 92 of the TransCanada 2009 Annual Report to Shareholders included herein under the heading "Management's Discussion & Analysis".

For the purposes of this Report, only pages 6 through 92 and 93 through 150 of the TransCanada 2009 Annual Report to Shareholders shall be deemed incorporated herein by reference and filed, and the balance of such 2009 Annual Report, except as otherwise specifically incorporated by reference in the TransCanada Annual Information Form, shall be deemed not filed with the U.S. Securities and Exchange Commission (the "Commission") as part of this Report under the *Exchange Act*.

#### C. Management's Report on Internal Control Over Financial Reporting

For information on management's internal control over financial reporting, see:

- i. "Report of Management" included in TransCanada's Audited Consolidated Financial Statements on page 93;
- ii. the section entitled "Management's Annual Report on Internal Control Over Financial Reporting" under the heading "Controls and Procedures" in Management's Discussion and Analysis on page 78 of the TransCanada 2009 Annual Report to Shareholders; and
- iii. Management's Report on Internal Control Over Financial Reporting attached as document 13.5.

### UNDERTAKING

The Registrant undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the staff of the Commission, and to furnish promptly, when requested to do so by the Commission staff, information relating to: the securities registered pursuant to Form 40-F; the securities in relation to which the obligation to file an Annual Report on Form 40-F arises; or transactions in said securities.



## **DISCLOSURE CONTROLS AND PROCEDURES**

For information on disclosure controls and procedures, see "Controls and Procedures" in Management's Discussion and Analysis on pages 77 and 78 of the TransCanada 2009 Annual Report to Shareholders.

## **AUDIT COMMITTEE FINANCIAL EXPERT**

The Registrant's board of directors has determined that it has at least one audit committee financial expert serving on its audit committee. Mr. Kevin E. Benson has been designated an audit committee financial expert and is independent, as that term is defined by the New York Stock Exchange's listing standards applicable to the Registrant. The Commission has indicated that the designation of Mr. Benson as an audit committee financial expert does not make Mr. Benson an "expert" for any purpose, impose any duties, obligations or liability on Mr. Benson that are greater than those imposed on members of the audit committee and board of directors who do not carry this designation or affect the duties, obligations or liability of any other member of the audit committee.

## **CODE OF ETHICS**

The Registrant has adopted codes of business ethics for its President and Chief Executive Officer, Chief Financial Officer, Controller, directors, employees and contractors. The Registrant's codes are available on its website at [www.transcanada.com](http://www.transcanada.com). No waivers have been granted from any provision of the codes during the 2009 fiscal year.

## **PRINCIPAL ACCOUNTANT FEES AND SERVICES**

For information on principal accountant fees and services, see "Corporate Governance Audit Committee External Auditor Service Fees" and "Corporate Governance Audit Committee Pre-Approval Policies and Procedures" on pages 28 and 27, respectively, of the TransCanada Annual Information Form.

## **OFF-BALANCE SHEET ARRANGEMENTS**

The Registrant has no off-balance sheet arrangements, as defined in this Form, other than the guarantees and commitments described in Note 24 of the Notes to the Audited Consolidated Financial Statements attached to this Form 40-F and incorporated herein by reference.

## **TABULAR DISCLOSURE OF CONTRACTUAL OBLIGATIONS**

For information on Tabular Disclosure of Contractual Obligations, see "Contractual Obligations" in Management's Discussion and Analysis on pages 61 and 62 of the TransCanada 2009 Annual Report to Shareholders.

## **IDENTIFICATION OF THE AUDIT COMMITTEE**

The Registrant has a separately-designated standing Audit Committee. The members of the Audit Committee are:

Chair:	K.E. Benson
Members:	D.H. Burney
	E.L. Draper
	P.L. Joskow
	J.A. MacNaughton
	D.M.G. Stewart

**FORWARD-LOOKING INFORMATION**

This document, the documents incorporated by reference, and other reports and filings made with the securities regulatory authorities may contain certain information that is forward-looking and is subject to important risks and uncertainties. The words "anticipate", "expect", "believe", "may", "should", "estimate", "project", "outlook", "forecast" or other similar words are used to identify such forward looking information. Forward-looking statements in this document are intended to provide TransCanada securityholders and potential investors with information regarding TransCanada and its subsidiaries, including management's assessment of TransCanada's and its subsidiaries' future financial and operational plans and outlook. Forward-looking statements in this document may include, among others, statements regarding the anticipated business prospects and financial performance of TransCanada and its subsidiaries, expectations or projections about the future, strategies and goals for growth and expansion, expected and future cash flows, costs, schedules, operating and financial results and expected impact of future commitments and contingent liabilities. All forward-looking statements reflect TransCanada's beliefs and assumptions based on information available at the time the statements were made. Actual results or events may differ from those predicted in these forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among others, the ability of TransCanada to successfully implement its strategic initiatives and whether such strategic initiatives will yield the expected benefits, the operating performance of TransCanada's pipeline and energy assets, the availability and price of energy commodities, capacity payments, regulatory processes and decisions, changes in environmental and other laws and regulations, competitive factors in the pipeline and energy sectors, construction and completion of capital projects, labour, equipment and material costs, access to capital markets, interest and currency exchange rates, technological developments and the current economic conditions in North America. By its nature, forward-looking information is subject to various risks and uncertainties, which could cause TransCanada's actual results and experience to differ materially from the anticipated results or expectations expressed. The Company's material risks and assumptions are discussed further in TransCanada's Management's Discussion and Analysis filed as document 13.2 hereto including under the headings "Pipelines Opportunities and Developments", "Pipelines Business Risks", "Energy Opportunities and Developments", "Energy Business Risks" and "Risk Management and Financial Instruments". Additional information on these and other factors is available in the reports filed by TransCanada with Canadian securities regulators and with the Commission. Readers are cautioned to not place undue reliance on this forward-looking information, which is given as of the date it is expressed in this document or otherwise, and to not use future-oriented information or financial outlooks for anything other than their intended purpose. TransCanada undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

**SIGNATURES**

Pursuant to the requirements of the *Exchange Act*, the Registrant certifies that it meets all of the requirements for filing on Form 40-F and has duly caused this Annual Report to be signed on its behalf by the undersigned, thereto duly authorized, in the City of Calgary, Province of Alberta, Canada.

**TRANSCANADA CORPORATION**

Per: /s/ GREGORY A. LOHNES

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GREGORY A. LOHNES

*Executive Vice-President and Chief Financial Officer*

Date: February 24, 2010

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**DOCUMENTS FILED AS PART OF THIS REPORT**

- 13.1 TransCanada Corporation Annual Information Form for the year ended December 31, 2009.
- 13.2 Management's Discussion and Analysis (included on pages 6 through 92 of the TransCanada 2009 Annual Report to Shareholders).
- 13.3 2009 Audited Consolidated Financial Statements (included on pages 93 through 150 of the TransCanada 2009 Annual Report to Shareholders), including the auditors' report thereon.
- 13.4 Related supplementary note entitled "Reconciliation to United States GAAP" and the auditors' report thereon.
- 13.5 Management's Report on Internal Control Over Financial Reporting.
- 13.6 Report of the Independent Registered Public Accounting Firm on the effectiveness of TransCanada's Internal Control Over Financial Reporting, as at December 31, 2009.
  
- 99.1 Comments by Auditors for United States Readers on Canada-United States Reporting Differences.

**EXHIBITS**

- 23.1 Consent of KPMG LLP, Chartered Accountants.
  
  - 31.1 Certification of Chief Executive Officer pursuant to Section 302 of the *Sarbanes-Oxley Act of 2002*.
  - 31.2 Certification of Chief Financial Officer pursuant to Section 302 of the *Sarbanes-Oxley Act of 2002*.
  - 32.1 Certification of Chief Executive Officer regarding Periodic Report containing Financial Statements.
  - 32.2 Certification of Chief Financial Officer regarding Periodic Report containing Financial Statements.
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**TRANSCANADA CORPORATION**

**ANNUAL INFORMATION FORM**

**February 22, 2010**

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**SCHEDULE A**  
**SCHEDULE B**

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**B-1**

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## PRESENTATION OF INFORMATION

Unless the context indicates otherwise, a reference in this Annual Information Form ( *AIF* ) to *TransCanada* or the *Company* includes TransCanada Corporation and the subsidiaries of TransCanada Corporation through which its various business operations are conducted. In particular, *TransCanada* includes references to TransCanada PipeLines Limited ( *TCPL* ). Where TransCanada is referred to with respect to actions that occurred prior to its 2003 plan of arrangement with TCPL, which is described below under the heading *TransCanada Corporation Corporate Structure*, these actions were taken by TCPL or its subsidiaries. The term *subsidiary*, when referred to in this AIF, with reference to TransCanada means direct and indirect wholly owned subsidiaries of, and legal entities controlled by, TransCanada or TCPL, as applicable.

Unless otherwise noted, the information contained in this AIF is given at or for the year ended December 31, 2009 ( *Year End* ). Amounts are expressed in Canadian dollars unless otherwise indicated. Financial information is presented in accordance with Canadian generally accepted accounting principles ( *Canadian GAAP* ).

Certain portions of TransCanada's Management's Discussion and Analysis dated February 22, 2010 ( *MD&A* ) are incorporated by reference into this AIF as stated below. The MD&A can be found on SEDAR at [www.sedar.com](http://www.sedar.com) under TransCanada's profile.

The Accounting Standards Board ( *AcSB* ) of the Canadian Institute of Chartered Accountants has announced that Canadian publicly accountable enterprises are required to adopt International Financial Reporting Standards ( *IFRS* ), as issued by the International Accounting Standards Board, effective January 1, 2011. Effective January 1, 2011, TransCanada will begin reporting under IFRS. TransCanada's conversion plan includes obtaining skilled people, providing education and training, analyzing the impact on TransCanada of key differences between Canadian GAAP and IFRS, and developing and executing a phased approach to conversion and implementation. For more information on TransCanada's conversion project, see TransCanada's MD&A under *Accounting Changes International Financial Reporting Standards*.

Information relating to metric conversion can be found at Schedule A to this AIF. Terms defined throughout this AIF are listed in the Glossary found at the end of this AIF.

## FORWARD-LOOKING INFORMATION

This AIF, the documents incorporated by reference into this AIF, and other reports and filings made with the securities regulatory authorities may contain certain information that is forward-looking and is subject to important risks and uncertainties. The words *anticipate*, *expect*, *believe*, *may*, *should*, *estimate*, *project*, *outlook*, *forecast* or other similar words are used to identify such forward looking information. Forward-looking statements in this document are intended to provide TransCanada securityholders and potential investors with information regarding TransCanada and its subsidiaries, including management's assessment of TransCanada's and its subsidiaries' future financial and operational plans and outlook. Forward-looking statements in this document may include, among others, statements regarding the anticipated business prospects and financial performance of TransCanada and its subsidiaries, expectations or projections about the future, strategies and goals for growth and

expansion, expected and future cash flows, costs, schedules, operating and financial results and expected impact of future commitments and contingent liabilities. All forward-looking statements reflect TransCanada's beliefs and assumptions based on information available at the time the statements were made. Actual results or events may differ from those predicted in these forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among others, the ability of TransCanada to successfully implement its strategic initiatives and whether such strategic initiatives will yield the expected benefits, the operating performance of the Company's pipeline and energy assets, the availability and price of energy commodities, capacity payments, regulatory processes and decisions, changes in environmental and other laws and regulations, competitive factors in the pipeline and energy sectors, construction and completion of capital projects, labour, equipment and material costs, access to capital markets, interest and currency exchange rates, technological developments and economic conditions in North America. By its nature, forward-looking information is subject to various risks and uncertainties, including those material risks discussed in this AIF under Risk Factors, which could cause TransCanada's actual results and experience to differ materially from the anticipated results or expectations expressed. Additional information on these and other factors is available in the reports filed by TransCanada with Canadian securities regulators and with the U.S. Securities and Exchange Commission (SEC). Readers are cautioned to not place undue reliance on this forward-looking information, which is given as of the date it is expressed in this AIF or otherwise, and to not use future-oriented information or financial outlooks for anything other than their intended purpose. TransCanada undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

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**TRANSCANADA CORPORATION**

**Corporate Structure**

TransCanada's head office and registered office are located at 450 - First Street S.W., Calgary, Alberta, T2P 5H1. TransCanada 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 TransCanada as the parent company of TCPL. The arrangement was approved by TCPL common shareholders on April 25, 2003 and, following court approval and the filing of Articles of Arrangement, the arrangement became effective May 15, 2003. Pursuant to the arrangement, the common shareholders of TCPL exchanged each of their TCPL common shares for one common share of TransCanada. The debt securities and preferred shares of TCPL remained obligations and securities of TCPL. TCPL continues to hold the assets it held prior to the arrangement and continues to carry on business as the principal operating subsidiary of the TransCanada group of entities. TransCanada does not hold any material assets directly other than the common shares of TCPL and receivables from certain of TransCanada's subsidiaries.

**Intercorporate Relationships**

The following diagram presents the name and jurisdiction of incorporation, continuance or formation of TransCanada's principal subsidiaries as at December 31, 2009. Each of these subsidiaries has total assets that exceeded 10% of the total consolidated assets of TransCanada or revenues that exceeded 10% of the total consolidated revenues of TransCanada as at and for the year ended December 31, 2009. TransCanada owns, directly or indirectly, 100 per cent of the voting shares of each of these subsidiaries.

The above diagram does not include all of the subsidiaries of TransCanada. The assets and revenues of excluded subsidiaries in the aggregate did not exceed 20% of the total consolidated assets or total consolidated revenues of TransCanada as at and for the year ended December 31, 2009.

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## GENERAL DEVELOPMENT OF THE BUSINESS

The general development of TransCanada's business during the last three financial years, and the significant acquisitions, dispositions, events or conditions which have had an influence on that development, are described below.

TransCanada's reportable business segments are *Pipelines* and *Energy*. Pipelines are principally comprised of the Company's pipelines in Canada, the U.S. and Mexico and its regulated natural gas storage operations in the U.S. Energy includes the Company's power operations and the non-regulated natural gas storage business.

### Developments in the Pipelines Business

TransCanada's strategy in Pipelines is focused on both growing its North American natural gas and crude oil transmission network and maximizing the long-term value of its existing pipeline assets. Summarized below are significant developments that have occurred in TransCanada's Pipelines business over the last three years.

#### 2010

##### *Pipeline Developments*

- January 29, 2010. TransCanada announced that the proposed Alaska pipeline project (the *Alaska Pipeline Project*) filed its plan with the United States Federal Energy Regulatory Commission (*FERC*) to obtain approval to conduct an open season. If approval is granted, an open season offering is expected to be provided to potential shippers at the end of April 2010 for their assessment until July 2010. The Alaska Pipeline Project is a 4.5 billion cubic feet per day (*Bcf/d*) natural gas pipeline that would extend 2,737 kilometres (*km*) (1,700 miles) from a new natural gas treatment plant at Prudhoe Bay, Alaska to Alberta.

##### *Regulatory Matters*



- February 19, 2010. TransCanada filed an application with the National Energy Board ( *NEB* ) for approvals to construct and operate the proposed Horn River pipeline project ( *Horn River Project* ), a 158 km (98 mile) pipeline and related facilities to connect new shale gas supply in the Horn River basin north of Fort Nelson, B.C., to TransCanada's natural gas transmission system in the province of Alberta (the *Alberta System* ). The Horn River Project will consist of approximately 74 km of new pipelines and the purchase and use of an existing pipeline in the Horn River area and will transport sweet natural gas to a tie in point on the Alberta System. The project is expected to cost approximately \$307 million.

2009

*Pipeline Developments*

- February 26, 2009. TransCanada announced the successful completion of a binding open season, securing support for firm transportation contracts of 378 million cubic feet per day ( *MMcf/d* ) for the Horn River Project. Total contractual commitments for the Horn River Project increased to 503 MMcf/d by 2014 as a result of newly contracted volumes from a recently announced natural gas processing facility that will be located in the Horn River area.
  - May 7, 2009. TransCanada announced that it was the successful bidder on a contract to build, own and operate a US\$320 million pipeline in Mexico, which is supported by a twenty-five year contract for its entire capacity with Comisión Federal de Electricidad, Mexico's state-owned electric power company. The proposed pipeline, known as the Guadalajara Pipeline, is an approximately 305 km (190 mile) pipeline capable of transporting 500 MMcf/d of natural gas, and is proposed to extend from a liquefied natural gas terminal under construction near Manzanillo on Mexico's Pacific Coast to Guadalajara, the second largest city in Mexico. Regulatory approvals were received in December 2009 and construction is under way with an expected in-service date of first quarter 2011.
  - June 11, 2009. TransCanada reached an agreement with ExxonMobil Corporation to jointly advance the Alaska Pipeline Project. A joint project team is developing the engineering, environmental, aboriginal relations and commercial work.
  - July 1, 2009. TransCanada completed the sale of North Baja Pipeline, LLC ( *North Baja* ) to its affiliate, TC PipeLines, LP. As part of the transaction, TransCanada agreed to amend its incentive distribution rights with TC PipeLines, LP. Under the amendment, TransCanada received additional common units in exchange for a resetting of its incentive
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distribution rights at a lower percentage which escalates with increases in TC PipeLines, LP distributions. The aggregate consideration received from the partnership included a combination of cash and common units totaling approximately US\$395 million. With the close of the transaction, TransCanada's ownership of the partnership increased to 42.6 per cent. TransCanada continued to operate North Baja following the transfer of ownership. The system is a 129 km (80 mile) natural gas pipeline that extends from southwest Arizona to a point on the California/Mexico border and connects with a natural gas pipeline system in Mexico. TransCanada's ownership in TC PipeLines, LP was subsequently reduced to 38.2 per cent in November 2009 after TC PipeLines, LP completed a public issuance of common units.

- August 14, 2009. TransCanada became the sole owner of the 3,456 km (2,147 mile) Keystone Oil Pipeline project that will transport crude oil from Alberta to markets in the United States (the *Keystone Oil Pipeline*) through the purchase of ConocoPhillips' remaining approximately 20 per cent interest for US\$553 million and the assumption of US\$197 million of short-term debt. TransCanada also assumed the responsibility for ConocoPhillips' share of the capital investment required to complete the project resulting in an incremental commitment of approximately US\$1.7 billion through the end of 2012.
- September 28, 2009. TransCanada began work on the final phase of the North Central Corridor natural gas pipeline, a 300 km (186 mile) extension of the northern section of the Alberta System. This 160 km Red Earth section is expected to be complete by April 2010. The 140 km North Star section has been completed and two 13 Megawatt ( MW ) compressor units at the Meikle River compressor station were operational on May 15, 2009 and August 21, 2009, respectively.
- December 2009. A Joint Review Panel of the Canadian government released a report on environmental and socio-economic factors relating to the Mackenzie Gas Pipeline Project, a proposed 1,200 km (746 mile) natural gas pipeline to extend from a point near Inuvik, Northwest Territories to the northern border of Alberta, where it will connect to the Alberta System. The report has been submitted to the NEB as part of the review process for approval of the project. A decision is currently expected by fourth quarter 2010. TransCanada continues funding of the Mackenzie Valley Aboriginal Pipeline Limited Partnership for its participation in the Mackenzie Gas Pipeline Project.

#### *Regulatory Matters*

- February 26, 2009. The NEB approved TransCanada's application for federal regulation of its Alberta System, which regulation became effective April 29, 2009. The Alberta System was previously regulated by the Alberta Utilities Commission ( AUC ). Under federal regulation, TransCanada is able to apply to the NEB for approval to extend the Alberta System across provincial borders, allowing the Company to provide service to producers outside of Alberta.

- March 20, 2009. TransCanada Québec & Maritimes Pipeline Inc. ( *TQM* ) received the NEB's decision on its cost of capital application for 2007 and 2008, which requested an 11 per cent return on 40 per cent deemed common equity. The NEB set a 6.4 per cent after-tax weighted average cost of capital for each of the two years, which equates to a 9.85 per cent return on 40 per cent deemed common equity in 2007 and a 9.75 per cent return on 40 per cent deemed common equity in 2008. Prior to the decision, TQM was subject to the NEB return on equity formula of 8.46 per cent and 8.71 per cent for 2007 and 2008, respectively, on deemed common equity of 30 per cent. In June 2009, the NEB approved TQM's final tolls for 2007 and 2008, which reflected the 6.4 per cent after-tax weighted average cost of capital.
  - May 2009. Portland Natural Gas Transmission System ( *Portland System* ) reached a settlement with its customers on certain short-term issues contained in its general rate case filed with the FERC in April 2008, which proposed a rate increase of approximately 6 per cent as well as other changes to its tariff. The partial settlement was filed with the FERC for approval and a decision is expected in 2010. The remaining issues were litigated and the initial decision from the administrative law judge was issued in December 2009. Participants in the rate case have an opportunity to respond to the initial decision. The FERC is expected to issue its final decision on the litigated portion of the rate case in fourth quarter 2010.
  - September 2009. The NEB held a hearing to review TransCanada's application regarding the Canadian portion of the planned expansion and extension of the Keystone Oil Pipeline, which expansion is expected to provide additional capacity in 2013 of 500,000 barrels per day ( *Bbl/d* ) from Western Canada to the United States Gulf Coast, near existing terminals in Port Arthur, Texas. The expansion, when completed, is expected to increase the capacity of the Keystone Oil Pipeline system from 591,000 Bbl/d to approximately 1.1 million Bbl/d. The NEB is expected to issue a decision in first quarter 2010. Permits for the U.S. portion of the expansion are expected by
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fourth quarter 2010. Construction of the expansion facilities is expected to commence in first quarter 2011 subject to the receipt of the necessary regulatory approvals.

- October 8, 2009. The NEB determined that its RH-2-94 decision would no longer be in effect. The RH-2-94 decision pursuant to the *National Energy Board Act* (Canada) established a return on equity formula tied to Government of Canada bond yields that had formed the basis for determining tolls for certain pipelines under NEB jurisdiction since January 1, 1995. The NEB decided that the cost of capital would be determined by negotiations between pipeline companies and their shippers or by the NEB if a pipeline company filed a cost of capital application. The decision affects the calculation of future tolls for TransCanada's NEB-regulated natural gas pipelines. In November 2009, the Canadian Association of Petroleum Producers and the Industrial Gas Users Association sought leave to appeal the October 2009 NEB decision to the Federal Court of Appeal and named the NEB as the sole respondent. In January 2010, TransCanada was granted respondent status in the matter and in February 2010 filed its submission opposing the leave application.

- November 2009. The NEB concluded a public hearing process on TransCanada's application for approval to construct and operate the Groundbirch pipeline, which is comprised of a 77 km (48 mile) natural gas pipeline and related above ground facilities. TransCanada has entered into firm transportation agreements with Groundbirch customers that are expected to increase to 1.1 Bcf/d by 2014. The Groundbirch pipeline, if approved, would be an extension of the Alberta System and would connect natural gas supply primarily from the Montney shale gas formation in northeast British Columbia to existing infrastructure in northwest Alberta. Construction of the Groundbirch pipeline is expected to commence in July 2010 with completion anticipated in November 2010. The NEB is expected to issue a decision in first quarter 2010.

- November 2009. The FERC initiated an investigation to determine whether rates on the Great Lakes system, a natural gas pipeline system running from northwestern Idaho, through Washington and Oregon to the California border (the *Great Lakes System*) are just and reasonable. In response, Great Lakes filed a cost and revenue study with the FERC on February 4, 2010. A hearing is scheduled to commence on August 2, 2010, and an initial decision is required in November 2010. The impact of the investigation on the Great Lakes System's rates and revenues is unknown at this time.

- November 27, 2009. TransCanada filed a combined application with the NEB for approvals of both a new Alberta System Rate Design Settlement, and the integration of Canadian Utilities Limited (*ATCO Pipelines*). The rate design was negotiated with all key stakeholders and addresses the evolving nature of the Alberta System and the integration of ATCO Pipelines. It also incorporates a single delivery service for all delivery points resulting from the amalgamation of current intra-Alberta and export delivery services. TransCanada reached a proposed agreement with

ATCO Pipelines to provide integrated natural gas transmission service to customers on September 8, 2008. If approved by the regulatory authorities, the two companies will combine physical assets under a single rates and services structure with a single commercial interface with customers but with each company separately managing assets within distinct operating territories in the province. TransCanada and ATCO Pipelines continue to work towards obtaining the necessary regulatory approvals to provide integrated service to shippers on the Alberta System and the ATCO Pipelines system. The integration of the Alberta System and ATCO Pipelines system will create the effect of a single integrated natural gas transmission system in Alberta resulting in a more efficient delivery of service to customers.

- December 2009. The NEB approved TransCanada's application for 2010 final tolls for its Canadian gas pipeline system (the *Canadian Mainline*) transportation service, effective January 1, 2010. The 2010 calculated ROE for the Canadian Mainline will be 8.52 per cent, a decrease from 8.57 per cent in 2009. The Canadian Mainline will continue to base its return on the NEB's return on equity formula for 2010 and 2011 in accordance with the terms of the current Canadian Mainline tolls settlement. Reduced throughput and greater use of shorter distance transportation contracts has resulted in an increase in Canadian Mainline tolls for 2010 compared to 2009. This situation, coupled with the ongoing development and growth of competitive alternative natural gas supply and infrastructure from the United States shale gas regions, is increasing competitive pressures on the Canadian Mainline. As a result TransCanada indicated that it will develop solutions, involving possible changes to business model, rate design, and services that would be designed to increase throughput and revenue in order to reduce tolls. TransCanada is also pursuing the connection of new sources of U.S. gas supply to the existing Canadian Mainline infrastructure to maintain its existing markets and competitive position.

- December 2009. The FERC issued a Final Environmental Impact Statement ( *FEIS* ) for the Bison Pipeline Project ( *Bison* ), a proposed 487 km (303 mile) pipeline from the Powder River Basin in Wyoming to the Northern Border Pipeline system in Morton County, North Dakota.

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2008

*Pipeline Developments*

- February 2008. In 2005, certain subsidiaries of Calpine Corporation ( *Calpine* ) filed for bankruptcy protection in both Canada and the U.S. The Portland System and Gas Transmission Northwest Corporation ( *GTNC* ) reached agreement with Calpine for allowed unsecured claims in the Calpine bankruptcy of US\$125 million and US\$192.5 million, respectively. Creditors were to receive shares in the re-organized Calpine and these shares would be subject to market price fluctuations as the new Calpine shares began to trade. In February 2008, the Portland System and GTNC received partial distributions of 6.1 million shares and 9.4 million shares, respectively. Subsequently, these shareholdings were sold into the market. Claims of NOVA Gas Transmission Limited ( *NGTL* ) and Foothills Pipe Lines (South B.C.) Ltd., both wholly-owned subsidiaries of TransCanada, for \$31.6 million and \$44.4 million, respectively, were received in cash in January 2008 and were passed on to shippers on these systems.
- March 14, 2008. TransCanada Keystone Pipeline, LP ( *Keystone U.S.* ) received a Presidential Permit authorizing the construction, maintenance and operation of facilities at the United States and Canada border for the transportation of crude oil between the two countries. The Presidential Permit was a significant regulatory approval required to begin construction of the Keystone Oil Pipeline. The Presidential Permit was issued following the issuance by the U.S. Department of State of the FEIS on January 11, 2008 for the construction of the Keystone U.S. pipeline and its Cushing extension. The FEIS stated the pipeline would result in limited adverse environmental impacts. Construction of the Keystone Oil Pipeline began in May 2008 in both Canada and the United States. Commissioning of the segment to Wood River and Patoka commenced in late 2009 with commercial operations expected to follow in mid-2010. Commissioning of the segment providing service to Cushing is expected to commence in late 2010.
- April 2008. An expansion to TransCanada's Alberta System in the Fort McMurray area, comprising a total of approximately 150 km (93 miles), was placed in service on its projected on-stream date.
- July 16, 2008. TransCanada announced plans to expand and extend the Keystone Oil Pipeline system and provide additional capacity in 2013 of 500,000 Bbl/d from Western Canada to the United States Gulf Coast, near existing terminals in Port Arthur, Texas.

- September 3, 2008. TransCanada acquired Bison Pipeline LLC from Northern Border Pipeline Company ( *NBPL* ) for US\$20 million. The assets of Bison Pipeline LLC included executed precedent agreements as well as regulatory, environmental and engineering work on Bison.
- October 29, 2008. TransCanada announced that the Keystone Oil Pipeline system successfully conducted an open season for expansion and extension to the United States Gulf Coast by securing additional firm, long-term contracts on the system.
- December 5, 2008. The Alaska Commissioner of Revenue and Natural Resources issued the *Alaska Gasline Inducement Act* ( *AGIA* ) license to TransCanada to advance the Alaska Pipeline Project, following the approval by the Alaska Senate on August 1, 2008 of TransCanada's application for the license. TransCanada has committed under the AGIA to advance the Alaska Pipeline Project through an open season and subsequent FERC certification. TransCanada has commenced the engineering, environmental, field and commercial work. Under AGIA, the State of Alaska has agreed to reimburse a share of the eligible pre-construction costs to TransCanada to a maximum of US\$500 million.
- TransCanada agreed to increase its equity ownership in Keystone U.S. and TransCanada Keystone Pipeline Limited Partnership ( *Keystone Canada* ) up to 79.99 per cent from 50 per cent with ConocoPhillips' equity ownership being reduced concurrently to 20.01 per cent through sole funding of cash calls.

***Regulatory Matters***

- January 2008. GTNC, a wholly-owned subsidiary of TransCanada, filed a Stipulation and Agreement with the FERC on October 31, 2007 comprised of an uncontested settlement of all aspects of its 2006 General Rate Case. On January 7, 2008, the FERC issued an order approving the settlement. The settlement rates were effective retroactive to January 1, 2007.
  - March 18, 2008. TransCanada filed an application with the NEB to increase the interim tolls on the Canadian Mainline previously approved in December 2007. This toll increase was a result of a significant decrease in forecasted flows on the Canadian Mainline and was intended to allow TransCanada to meet its 2008 revenue
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requirement. On March 28, 2008, the NEB approved the amended interim tolls for transportation service effective April 1, 2008.

- June 17, 2008. TransCanada filed an application with the NEB to establish federal regulation for TransCanada's Alberta System. An oral hearing to discuss this matter began on November 18, 2008, concluded on November 28, 2008 and a decision was issued on February 26, 2009.
- June 2008. The NEB approved TransCanada's application for additional pumping facilities required to expand the Canadian portion of the Keystone Oil Pipeline project from a nominal capacity of approximately 435,000 Bbl/d to 591,000 Bbl/d to accommodate volumes to be delivered to the Cushing markets, after holding an oral hearing on April 8, 2008. The hearing and decision followed on an application filed by Keystone Canada with the NEB in November 2007.
- October 10, 2008. The AUC approved TransCanada's application for a permit to construct the North Central Corridor expansion, at a cost of approximately \$925 million. Construction on the project began in October 2008. The decision followed on a non-routine application filed with the Alberta Energy and Utilities Board ( EUB ) on November 20, 2007.
- December 17, 2008. The AUC approved NGTL's 2008-2009 Revenue Requirement Settlement Application as filed, in its entirety. As part of the settlement, fixed costs were established for operation, maintenance and administration costs, return on equity and income taxes. Any variances between actual costs and those agreed to in the settlement accrue to TransCanada, subject to a return on equity and income tax adjustment mechanism, which accounts for variances between actual and settlement rate base and income tax assumptions. The other cost elements of the settlement are treated on a flow-through basis. The AUC also approved the 2008 interim rates of NGTL on a final basis for the period January 1, 2008 to December 31, 2008.
- December 2008. Palomar Gas Transmission LLC applied to the FERC for a certificate to build the 349 km (217 mile) Palomar pipeline which would extend from the GTN System (as defined below) in central Oregon to the Columbia River northwest of Portland. The proposed Palomar pipeline is a 50/50 joint venture of GTNC and Northwest Natural Gas Co. Palomar is currently in discussions with potential shippers to secure additional shipping commitments for the project.



2007

*Pipeline Developments*

- February 9, 2007. TransCanada received approval from the NEB to transfer a section of its Canadian Mainline transmission facilities to the Keystone Oil Pipeline project to transport crude oil from Alberta to refining centres in the U.S. Midwest and to construct and operate new oil pipeline facilities in Canada. TransCanada announced in January 2007 the start of a binding open season for an expansion and extension of the proposed Keystone Oil Pipeline. The purpose of the open season was to obtain binding commitments to support the expansion of the proposed Keystone Oil Pipeline from approximately 435,000 Bbl/d to 591,000 Bbl/d and the construction of a 468 kilometre extension of the U.S. portion of the pipeline.
  - February 22, 2007. TransCanada closed its acquisitions of American Natural Resources Company and ANR Storage Company (collectively, *ANR* ) and acquired an additional 3.6 per cent interest in Great Lakes Gas Transmission Limited Partnership ( *Great Lakes* ) from El Paso Corporation for a total of US\$3.4 billion, subject to certain post-closing adjustments, including approximately US\$491 million of assumed long-term debt. Additionally, TransCanada increased its ownership in TC PipeLines, LP to 32.1 per cent in conjunction with the TC PipeLines, LP acquisition of a 46.4 per cent interest in Great Lakes. The acquisition was financed partly through an offering of 39,470,000 subscription receipts at \$38.00 per subscription receipt, which resulted in gross proceeds to TransCanada of approximately \$1.725 billion including the exercise of an over-allotment option granted to the underwriters. Upon closing of the acquisition of ANR, the subscription receipts were automatically exchanged, without the payment of any additional consideration by the subscribers, on a one-to-one basis for common shares of TransCanada ( *Common Shares* ).
  - December 2007. ConocoPhillips contributed \$207 million to acquire a 50 per cent ownership interest in the Keystone Oil Pipeline.
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*Regulatory Matters*

- February 2007. TransCanada received approval from the NEB to integrate its natural gas pipeline system in southern British Columbia with its natural gas pipeline systems in southern Alberta and southwestern Saskatchewan (collectively, the *Foothills System* ) effective April 1, 2007.

- May 2007. TransCanada's five-year settlement with interested stakeholders for the years 2007 to 2011 on its Canadian Mainline was approved by the NEB. The settlement reflects, among other things, a deemed common equity ratio of 40 per cent.

Further information about developments in the Pipelines business can be found in the MD&A under the headings *TransCanada's Strategy*, *Pipelines Highlights*, and *Pipelines Opportunities and Developments*.

### **Developments in the Energy Business**

TransCanada has built a substantial energy business over the past decade and has achieved a major presence in power generation in selected regions of Canada and U.S. More recently, TransCanada has also developed a substantial non-regulated natural gas storage business in Alberta. Summarized below are significant developments that have occurred in TransCanada's energy business over the last three years.

#### **2009**

##### ***Energy Developments***

- February 19, 2009. The FERC approved two separate applications filed by TransCanada on December 19, 2008 requesting approval to charge negotiated rates and to proceed with an open season in the spring of 2009 for each of the Zephyr ( *Zephyr* ) and Chinook ( *Chinook* ) transmission line projects. Both projects are proposed 500 kilovolt high voltage direct current transmission projects. Zephyr is a proposed 1,760 km (1,100 mile) transmission line that would originate in Wyoming, and Chinook is a proposed 1,600 km (1,000 mile) project that would originate in Montana. Both projects would terminate in Nevada, and it is anticipated that each would deliver primarily wind generated electricity to markets in the southwestern United States. The open seasons commenced on October 13, 2009 and closed in December 2009. A comprehensive review of the bids submitted for each project will be undertaken.
- April 2009. Portlands Energy Centre, a natural gas fired combined-cycle power plant near downtown Toronto, Ontario ( *Portlands Energy Centre* ) was fully commissioned, ahead of time and under budget. Portlands Energy Centre, which is 50 per cent owned by TransCanada, is able to provide 550 MW of electricity under a 20 year Accelerated Clean Air Supply contract with the Ontario Power Authority.
- June 9, 2009. Hydro-Québec Distribution notified the Régie de l'énergie that it would exercise its option to extend the suspension of all electricity generation from TransCanada's 550 MW Bécancour cogeneration power plant near Trois-Rivières, Québec ( *Bécancour* ) through 2010. This followed on TransCanada's agreement with

Hydro-Québec Distribution to temporarily suspend all electricity generation from Bécancour during 2009. TransCanada will continue to receive payments under the agreement similar to those that would have been received under the normal course of operation.

- July 2009. Bruce Power and the Ontario Power Authority amended certain terms and conditions included in the Bruce Power Refurbishment Implementation Agreement. The amendments are consistent with the intent of the agreement, originally signed in 2005, and recognize the significant changes in Ontario's electricity market. Under the original agreement, Bruce Power A L.P. ( *Bruce A* ) committed to refurbish and restart the currently idle Units 1 and 2, extend the operating life of Unit 3 and replace the steam generators on Unit 4. An amendment in 2007 provided for a full refurbishment of Unit 4, which will extend the expected operating life of the unit. This most recent amendment included amendments to the Bruce Power L.P. ( *Bruce B* ) floor price mechanism, the removal of a support payment cap for Bruce A, an amendment to the capital cost-sharing mechanism, and provision for deemed generation payments to Bruce Power at the contract prices under circumstances where generation from Bruce A and Bruce B is reduced due to system curtailments on the Independent Electricity System Operator controlled grid in Ontario. The Bruce A Unit 1 and 2 refurbishment and restart project continues. Unit 2 is expected to be restarted in mid-2011 with the Unit 1 restart to follow approximately four months later. TransCanada expects its share of the capital costs to complete the project to be approximately \$2 billion. Bruce Power continues to advance an initiative to further extend the operating lives of Units 3 and 4. Unit 4 is now expected to continue to operate beyond 2018 and plans are in place to implement an extensive maintenance
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program that, if successful and approved by the Canadian Nuclear Safety Commission, would result in the life of Unit 3 being extended for a similar period of time.

- August 2009. TransCanada began construction of the US\$500 million Coolidge Generating Station ( *Coolidge* ), a 575 MW simple-cycle natural gas-fired peaking power generation station to be located 72 km (45 miles) southeast of Phoenix in Coolidge, Arizona. The facility is expected to be placed in service in second quarter 2011.
- September 30, 2009. The Ontario Power Authority advised TransCanada that it was awarded a 20-year clean energy supply contract to build, own and operate the 900 MW Oakville Generating Station in Oakville, Ontario. TransCanada expects to invest approximately \$1.2 billion in the natural gas fired combined cycle plant which is scheduled to be in service in first quarter 2014. Commencement of construction of the project is dependent on receipt of permits and approvals from the municipal authority and on approval from the Ministry of Environment on impacts such as air quality and noise.
- October 9, 2009. Operations began at the Kibby Wind Power Project in northern Franklin County, Maine, with half of the project's 44 wind turbines operational by October 30, 2009. The second phase is under construction and is expected to be in service in third quarter 2010. The Kibby Wind Power Project is expected to have the capacity to produce 132 MW. Capital cost is expected to be approximately US\$320 million.
- Third quarter 2009. Construction activity began on the 212 MW Gros-Morne and 58 MW Montagne-Sèche wind farms. These are the fourth and fifth Québec based wind farms of a wind energy project contracted by Hydro-Québec Distribution in the Gaspé Region of Québec (the *Cartier Wind Energy Project* ), which is 62 per cent owned by TransCanada. The Montagne-Sèche project and phase one of the Gros-Morne project (101 MW) are expected to be operational by 2011. Phase two of the Gros-Morne project (111 MW) is expected to be operational by 2012.

#### *Regulatory Matters*

- April 13, 2009. The United States Secretary of Commerce issued its decision denying the appeal filed by Broadwater Energy, LLC on the ruling by the New York State Department of State ( *NYSDOS* ) regarding the Broadwater liquefied natural gas ( *LNG* ) project ( *Broadwater* ). A joint venture with Shell U.S. Gas & Power LLC,

Broadwater is a proposed offshore LNG facility in Long Island Sound, New York, which received approval by FERC in March 2008. In April 2008, NYSDOS determined that construction and operation of the project would not be consistent with the state's coastal zone policies. Broadwater Energy, LLC filed the appeal on the decision of the NYSDOS on June 6, 2008, asking the Secretary of Commerce to override the NYSDOS decision on the basis that the project meets the criteria for approval under the *Coastal Zone Management Act* and applicable regulations.

2008

*Energy Developments*

- January 2008. A milestone in the Bruce A Units 1 and 2 refurbishment and restart project was completed when the sixteenth and final new steam generator was installed. This process was expected to result in a further increase in the total project cost to complete the Unit 1 and 2 restart. Project cost increases are subject to the capital cost-sharing mechanism under the agreement with the Ontario Power Authority, as amended in July 2009. Bruce A Units 1 and 2 are expected to produce 1,500 MW when completed.
  - February 2008. The potential anchor LNG supplier for the Cacouna LNG project ( *Cacouna* ) terminal in Québec announced it would no longer be pursuing the development of its LNG supply as originally planned. Although Cacouna received its primary regulatory approvals, project development has been suspended until alternate LNG supply is acquired and the North American market for LNG grows.
  - April 2008. A comprehensive review of costs to complete the Bruce A Units 1 and 2 refurbishment and restart project was completed. Based on this assessment, the capital cost for the restart and refurbishment of Bruce A Units 1 and 2 was expected to be approximately \$3.4 billion, up from an original 2005 cost estimate of \$2.75 billion. TransCanada's share was expected to be approximately \$1.7 billion compared to an original estimate of \$1.4 billion.
  - May 12, 2008. TransCanada announced that the Phoenix, Arizona based utility, Salt River Project Agricultural Improvement and Power District, signed a 20 year power purchase agreement to secure 100 per cent of the output from Coolidge. In December 2008, the Arizona Corporation Commission granted a Certificate of Environmental Compatibility approving Coolidge.
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- July 9, 2008. TransCanada announced that the Kibby Wind Power Project received unanimous final development plan approval from Maine's Land Use Regulation Commission. Construction on the project began in July 2008. Commissioning of the first phase occurred in October 2009.
- August 26, 2008. TransCanada completed its acquisition of the 2,480 MW Ravenswood Generating Station ( *Ravenswood* ) located at Queens, New York for US\$2.9 billion, subject to certain post-closing adjustments. The acquisition was completed pursuant to a purchase agreement with KeySpan Corporation and certain subsidiaries. The acquisition was financed through a combination of equity and term debt offerings, funds drawn on a newly established bridge loan facility and cash on hand (see Financing Activities below).
- November 22, 2008. The Carleton wind farm, the third of five phases of the Cartier Wind Energy Project, went into service and is capable of generating 109 MW of power.
- In fourth quarter 2008, Bruce Power completed a review of the end of life estimates for Units 3 and 4. As a result of the review, Unit 3 was expected to be in commercial service until 2011, providing an additional two years of generation before refurbishment. After the refurbishment, the end of life estimate for Unit 3 was to be extended to 2038. The review also showed that Unit 4 was expected to remain in commercial service until 2016, providing seven years of generation before refurbishment, after which the end of life estimate for Unit 4 was expected to be extended to 2042.

#### *Regulatory Matters*

- January 11, 2008. The FERC issued its FEIS for Broadwater. The FEIS confirmed project need, supported the location of the project with acknowledgement of its target market and delivery goals, and found safety and security risks to be limited and acceptable. The FEIS concluded that with adherence to federal and state permit requirements and regulations, Broadwater's proposed mitigation measures and the FERC's recommendations, the project would not result in a significant impact on the environment.
- March 24, 2008. FERC authorized the construction and operation of Broadwater, subject to the conditions reflected in the authorization. On April 10, 2008, the NYSDOS determined that construction and operation of the project would not be consistent with the state's coastal zone policies. As a result of this unfavourable decision,

TransCanada wrote down \$27 million after tax of costs for Broadwater that had been capitalized to March 31, 2008. On June 6, 2008, Broadwater Energy, LLC filed an appeal with the United States Secretary of Commerce.

*2007*

*Energy Developments*

- June 2007. Following public hearings in 2006, the Québec government granted a provincial decree approving Cacouna. Cacouna also received federal approvals pursuant to the Canadian Environmental Assessment Act.
- September 2007. Cacouna announced that it was delaying the planned in-service date for the regasification terminal from 2010 to 2012. This delay resulted from a need to assess impacts of permit conditions, to review the facility design in light of escalating costs and to align the schedule with potential LNG supply facilities.
- November 2007. The second phase of the Cartier Wind Energy Project, the 101 MW Anse-à-Valleau wind farm, was placed into service. In addition, the Cartier Wind Energy Project began construction of a third project, the 109 MW Carleton wind farm.

Further information about developments in the Energy business can be found in the MD&A under the headings *TransCanada's Strategy*, *Energy Highlights* and *Energy Opportunities and Developments*.

**Financing Activities**

*2009*

- January 9, 2009. TransCanada completed the issuance of US\$750 million and US\$1.25 billion of Senior Unsecured Notes maturing on January 15, 2019 and January 15, 2039, respectively, and bearing interest at 7.125 per cent and 7.625 per cent, respectively. The proceeds from this offering were used to partially fund TransCanada's capital projects, retire maturing debt obligations and for general corporate purposes. These notes were issued by way of prospectus supplement under a US\$3.0 billion debt base shelf prospectus filed on January 2, 2009.

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- February 17, 2009. TransCanada completed the issuance of \$300 million and \$400 million of Medium-Term Notes maturing on February 14, 2014 and February 17, 2039, respectively, and bearing interest at 5.05 per cent and 8.05 per cent, respectively. The proceeds from these notes were used to fund the Alberta System and Canadian Mainline rate bases. These notes were issued by way of pricing supplements under a \$1.5 billion debt base shelf prospectus filed in March, 2007.
- June 16, 2009. TransCanada entered into an underwriting agreement with a syndicate of underwriters led by RBC Capital Markets, BMO Capital Markets and TD Securities Inc. under which the underwriters agreed to purchase from TransCanada 50,800,000 Common Shares and sell the Common Shares to the public at a purchase price of \$31.50 per Common Share. The underwriters were also granted an over-allotment option to purchase an additional 7,620,000 Common Shares at the same price. The offering was completed on June 24, 2009 and, together with the full exercise of the over-allotment option by the underwriters, 58,420,000 Common Shares were issued resulting in gross proceeds to TransCanada of approximately \$1.84 billion which were used to partially fund capital projects, including the acquisition of the remaining interests in the Keystone Oil Pipeline system, for general corporate purposes and to repay short-term indebtedness. These shares were issued by way of prospectus supplement to a \$3.0 billion base shelf prospectus dated July 2, 2008.
- September 22, 2009. TransCanada entered into an underwriting agreement with a syndicate of underwriters led by Scotia Capital Inc. and RBC Capital Markets, under which the underwriters agreed to purchase from TransCanada 22,000,000 cumulative redeemable first preferred shares, series 1 ( *Series 1 Preferred Shares* ) and sell the Series 1 Preferred Shares to the public at a purchase price of \$25.00 per share. The offering was completed on September 30, 2009 resulting in gross proceeds to TransCanada of \$550 million which were used by TransCanada to partially fund capital projects, for general corporate purposes and to repay short-term indebtedness. These shares were issued by way of prospectus supplement to a \$3.0 billion base shelf prospectus dated September 21, 2009.
- December 2009. TransCanada PipeLine USA Ltd. established a US\$1.0 billion committed, syndicated revolving credit facility maturing December 2012, with a one year term extension at the option of the borrower. The facility is guaranteed by TransCanada and was fully available at December 31, 2009.

2008

- May 5, 2008. TransCanada entered into an underwriting agreement with a syndicate of underwriters led by BMO Nesbitt Burns Inc., RBC Dominion Securities Inc., and TD Securities Inc. under which the underwriters agreed



to purchase from TransCanada 30,200,000 Common Shares and sell the Common Shares to the public at a purchase price of \$36.50 per Common Share. The underwriters were also granted an over-allotment option to purchase an additional 4,530,000 Common Shares at the same price. The offering was completed on May 13, 2008 and, together with the full exercise of the over-allotment option by the underwriters, 34,730,000 Common Shares were issued resulting in gross proceeds to TransCanada of approximately \$1.27 billion to be used to partially fund acquisitions and capital projects of TransCanada including, amongst others, the acquisition of Ravenswood, the construction of the Keystone Oil Pipeline, and for general corporate purposes. These Common Shares were issued by way of prospectus supplement under a \$3.0 billion base shelf prospectus filed in January, 2007.

- June 27, 2008. TransCanada executed an agreement with a syndicate of banks for a US\$1.5 billion, committed, unsecured, one-year bridge loan facility which was extendible by the Company for an additional six month term. On August 25, 2008, TransCanada used US\$255 million from this facility to fund a portion of the Ravenswood acquisition and cancelled the remainder of the commitment. In February 2009, the US\$255 million was repaid and the facility was cancelled.
  - August 11, 2008. TransCanada completed the issuance of US\$850 million and US\$650 million of Senior Unsecured Notes maturing on August 15, 2018 and August 15, 2038, respectively, and bearing interest at 6.50 per cent and 7.25 per cent, respectively. The proceeds from these notes were used to partially fund the Ravenswood acquisition and for general corporate purposes. These notes were issued by way of a prospectus supplement under a US\$2.5 billion debt base shelf prospectus filed in September, 2007.
  - August 20, 2008. TransCanada completed the issuance of \$500 million of Medium-Term Notes maturing in August 2013 and bearing interest at 5.05 per cent. The proceeds from these notes were used to partially fund the Alberta System's capital program and for general corporate purposes. These notes were issued by way of a pricing supplement under a \$1.5 billion debt base shelf prospectus filed in March, 2007.
  - November 17, 2008. TransCanada entered into an underwriting agreement with a syndicate of underwriters led by RBC Dominion Securities Inc., BMO Nesbitt Burns Inc., and TD Securities Inc. under which the underwriters agreed to purchase from TransCanada 30,500,000 Common Shares and sell the Common Shares to the public at a
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purchase price of \$33.00 per Common Share. The underwriters were also granted an over-allotment option to purchase an additional 4,575,000 Common Shares at the same price. The offering was completed on November 25, 2008 and resulted in gross proceeds to TransCanada of approximately \$1 billion to be used by TransCanada to partially fund its capital projects, including the Keystone Oil Pipeline, for general corporate purposes and to repay short-term indebtedness. The syndicate of underwriters fully exercised the over-allotment option on December 5, 2008 for additional gross proceeds to TransCanada of \$151 million. The Common Shares were issued by way of prospectus supplement under a \$3.0 billion base shelf prospectus filed in July 2008.

- November 2008. Keystone U.S. established a US\$1.0 billion committed, syndicated revolving credit facility, guaranteed by TransCanada, maturing November 2010 but extendible to November 2011 at the option of the borrower. The facility was fully available at December 31, 2009 and supports a commercial paper program dedicated to funding a portion of expenditures for Keystone U.S. and for Keystone U.S. general partnership purposes.

Further information about financing activities can be found in the MD&A under the headings Short-Term Debt Financing Activities, 2009 Long-Term Debt Financing Activities, 2008 Long-Term Debt Financing Activities, 2007 Long-Term Debt Financing Activities, 2009 Equity Financing Activities, 2008 Equity Financing Activities and 2007 Equity Financing Activities.

## BUSINESS OF TRANSCANADA

TransCanada is a leading North American energy infrastructure company focused on pipelines and energy. At Year End, Pipelines accounted for approximately 53 per cent of revenues and 67 per cent of TransCanada's total assets and Energy accounted for approximately 47 per cent of revenues and 28 per cent of TransCanada's total assets. The following is a description of each of TransCanada's two main areas of operation.

The following table shows TransCanada's revenues from operations by segment, classified geographically, for the years ended December 31, 2009 and 2008.

<b>Revenues From Operations</b> (millions of dollars)	<b>2009</b>	<b>2008</b>
<b>Pipelines</b>		
Canada - Domestic	\$2,389	\$2,005
Canada - Export(1)	755	1,123
United States	1,585	1,522
	4,729	4,650
<b>Energy(2)</b>		
Canada - Domestic	2,788	2,594
Canada - Export(1)	1	2
United States	1,448	1,373

<b>Total Revenues</b> (3)	4,237 \$8,966	3,969 \$8,619
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- (1) Exports include pipeline revenues attributable to deliveries to U.S. pipelines and power deliveries to U.S. markets.
- (2) Revenues include sales of natural gas.
- (3) Revenues are attributed to countries based on country of origin of product or service.

### **Pipelines Business**

TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure including natural gas pipelines, regulated gas storage facilities and projects related to oil pipelines. TransCanada's network of wholly owned pipelines extends more than 60,000 km (37,282 miles), tapping into virtually all major gas supply basins in North America.

TransCanada has substantial Canadian and U.S. natural gas pipeline and related holdings, and one oil pipeline project, including those listed below. The following pipelines are owned 100 per cent by TransCanada unless otherwise stated.

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*Canada*

- TransCanada's Canadian Mainline is a 14,101 km (8,762 mile) natural gas transmission system in Canada that extends from the Alberta/Saskatchewan border east to the Québec/Vermont border and connects with other natural gas pipelines in Canada and the U.S.
- TransCanada's Alberta System is a natural gas transmission system in Alberta which gathers natural gas for use within the province and delivers it to provincial boundary points for connection with the Canadian Mainline and the Foothills System and with third party natural gas pipelines. The 23,905 km (14,854 mile) system is one of the largest carriers of natural gas in North America.
- Keystone Oil Pipeline is a 3,456 km (2,147 mile) crude oil pipeline project that will initially transport crude oil from Hardisty, Alberta to U.S. Midwest markets at Wood River and Patoka, Illinois, and to Cushing, Oklahoma. Commissioning of the segment to Wood River and Patoka began in late 2009 and commercial operation is expected to commence in mid-2010. Commissioning of the segment to Cushing is expected to begin in late 2010 and operations expected to commence in first quarter 2011. Pending regulatory approval, an expansion to the United States Gulf Coast is expected to be completed and in service in first quarter 2013, adding approximately 2,720 km (1,690 miles) of pipe to the system. In August of 2009, TransCanada became the sole owner of the Keystone Oil Pipeline system.
- TransCanada's Foothills System is a 1,241 km (771 mile) natural gas transmission system in Western Canada which carries natural gas for export from central Alberta to the U.S. border to serve markets in the U.S. Midwest, Pacific Northwest, California and Nevada. Effective April 1, 2007, the B.C. System was integrated into the Foothills System.
- TransCanada Pipeline Ventures LP owns a 161 km (100 mile) pipeline and related facilities that supply natural gas to the oilsands region of northern Alberta as well as a 27 km (17 mile) pipeline that supplies natural gas to a petrochemical complex at Joffre, Alberta.
- TQM is 50 per cent owned by TransCanada. TQM is a 572 km (355 mile) pipeline system that connects with the Canadian Mainline and transports natural gas from Montréal to Québec City in Québec, and connects with the Portland System. TQM is operated by TransCanada.

*United States*

- TransCanada's ANR System ( *ANR System* ) is a 17,000 km (10,563 mile) natural gas transmission system which transports natural gas from producing fields located primarily in Texas and Oklahoma on its southwest leg, and in the Gulf of Mexico and Louisiana on its southeast leg. The system extends to markets located mainly in Wisconsin, Michigan, Illinois, Ohio and Indiana. ANR's natural gas pipeline also connects with other natural gas pipelines, providing access to diverse sources of North American supply, including Western Canada, and the mid-continent and Rocky Mountain supply regions, and a variety of markets in the Midwestern and northeastern U.S.
  - Underground gas storage facilities owned and operated by ANR provide regulated gas storage services to customers on the ANR System and the Great Lakes System in upper Michigan. In 2008, ANR completed its storage enhancement project and added 14 billion cubic feet ( *Bcf* ) of storage. In total, the ANR business unit operates sixteen underground natural gas storage facilities throughout the State of Michigan with total natural gas storage capacity of 250 Bcf.
  - The GTN System ( *GTN System* ) is TransCanada's natural gas transmission system which extends 2,174 km (1,351 miles) and links the Foothills System and Rocky Mountain sourced natural gas with third party natural gas pipelines in Washington, Oregon and California, and with the Tuscarora Gas Transmission Company ( *Tuscarora* ) pipeline.
  - Bison pipeline is a proposed 487 km (303 mile) natural gas pipeline from the Powder River Basin in Wyoming connecting to the Northern Border Pipeline System in North Dakota. The FERC issued a FEIS for Bison in December 2009 and the project is in the final stages of the regulatory approval process. TransCanada expects to begin construction in May 2010. The Bison pipeline has shipping commitments for approximately 407 MMcf/d and is expected to be placed in-service in fourth quarter 2010.
  - The Great Lakes System is owned 53.6 per cent by TransCanada and 46.4 per cent by TC PipeLines, LP. The 3,404 km (2,115 mile) Great Lakes System serves markets primarily in Central Canada and the Midwestern U.S. TransCanada operates the Great Lakes System and effectively owns 71.3 per cent of the system through its 53.6 per cent ownership interest and its indirect ownership, which it has through its 38.2 per cent interest in TC PipeLines, LP.
  - The Northern Border Pipeline System ( *NBPL System* ) is 50 per cent owned by TC PipeLines, LP and is a 2,250 km (1,398 mile) natural gas transmission system, which serves the U.S. Midwest. TransCanada operates and effectively owns 19.1 per cent of the NBPL System through its 38.2 per cent interest in TC PipeLines, LP.
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- Tuscarora is 100 per cent owned by TC PipeLines, LP and has a 491 km (305 mile) pipeline system transporting natural gas from the GTN System at Malin, Oregon to Wadsworth, Nevada (the *Tuscarora System* ) with delivery points in northeastern California and northwestern Nevada. TransCanada operates the Tuscarora System and effectively owns 38.2 per cent of the system through its 38.2 per cent interest in TC PipeLines, LP.
- North Baja is 100 per cent owned by TC PipeLines, LP and is a natural gas transmission system which extends 129 km (80 miles) from Ehrenberg in southwestern Arizona to a point near Ogilby, California on the California/Mexico border and connects with a third party natural gas pipeline system in Mexico. TransCanada operates the North Baja system and effectively owns 38.2 per cent of the system through its 38.2 per cent interest in TC PipeLines, LP
- The Iroquois Gas Transmission System ( *Iroquois System* ) connects with the Canadian Mainline near Waddington, New York and delivers natural gas to customers in the northeastern U.S. TransCanada has a 44.5 per cent ownership interest in this 666 km (414 mile) pipeline system.
- The Portland System is a 474 km (295 mile) pipeline that connects with TQM near East Hereford, Québec and delivers natural gas to customers in the northeastern U.S. TransCanada has a 61.7 per cent ownership interest in the Portland System and operates this pipeline.
- TransCanada holds a 38.2 per cent interest in TC PipeLines, LP, a publicly held limited partnership of which a subsidiary of TransCanada acts as the general partner. The remaining interest of TC PipeLines, LP is widely held by the public. TC PipeLines, LP owns a 50 per cent interest in the NBPL System, 46.4 per cent in the Great Lakes System, 100 per cent of Tuscarora and 100 per cent of North Baja.

#### ***International***

TransCanada also has the following natural gas pipeline and related holdings in Mexico and South America:

- TransGas is a 344 km (214 mile) natural gas pipeline system which runs from Mariquita in the central region of Colombia to Cali in the southwest of Colombia. TransCanada holds a 46.5 per cent ownership interest in this pipeline.
- Gas Pacifico is a 540 km (336 mile) natural gas pipeline extending from Loma de la Lata, Argentina to Concepción, Chile. INNERGY is an industrial natural gas marketing company based in Concepción that markets natural gas transported on Gas Pacifico. TransCanada holds a 30 per cent ownership interest both in Gas Pacifico and INNERGY.
- Tamazunchale is a 130 km (81 mile) natural gas pipeline in east-central Mexico which extends from the facilities of Pemex Gas near Naranjos, Veracruz to an electricity generating station near Tamazunchale, San Luis Potosi.
- The proposed Guadalajara Pipeline is under construction and when completed will extend approximately 305 km (190 miles) from Manzanillo on Mexico's Pacific coast to Guadalajara.

Further information about TransCanada's pipeline holdings, developments and opportunities and significant regulatory developments which relate to pipelines can be found in the MD&A under the headings Pipelines, Pipelines Opportunities and Developments and Pipelines Financial Analysis.

## **Regulation of the Pipeline Business**

### *Canada*

#### CANADIAN MAINLINE, TQM, FOOTHILLS AND ALBERTA SYSTEMS

Under the terms of the *National Energy Board Act* (Canada), the Canadian Mainline, TQM, Foothills, and Alberta Systems (collectively, the *Systems*) are regulated by the NEB (the Alberta System became subject to federal jurisdiction on April 29, 2009 following NEB approval of an application by TransCanada). The NEB sets tolls which provide TransCanada the opportunity to recover projected costs of transporting natural gas, including the return on the average investment base for each of the Systems. In addition, new facilities are approved by the NEB before construction begins and the NEB regulates the operations of each of the Systems. Net earnings of the Systems may be affected by changes in investment base, the allowed return on equity, the level of deemed common equity and any incentive earnings.

#### KEYSTONE OIL PIPELINE

The NEB regulates the terms and conditions of service, including rates, and the physical operation of the Canadian portion of the Keystone Oil Pipeline. NEB approval is also required for facility additions, such as the Canadian portion of the proposed Gulf Coast expansion project, which was sought through an application in 2009. The NEB is expected to issue a decision in first quarter 2010.





TRANSCANADA CORPORATION 14

### *United States*

TransCanada's wholly owned and partially owned U.S. pipelines, including the ANR System, the GTN System, the Great Lakes System, the Iroquois System, the Portland System, the NBPL System, North Baja and the Tuscarora System, are natural gas companies operating under the provisions of the *Natural Gas Act of 1938* and the *Natural Gas Policy Act of 1978*, and are subject to the jurisdiction of the FERC. The *Natural Gas Act of 1938* grants the FERC authority over the construction and operation of pipelines and related facilities. The FERC also has authority to regulate rates for natural gas transportation and interstate commerce.

The FERC also regulates the terms and conditions of service, including rates, on the U.S. portion of the Keystone Oil Pipeline. However, primary approvals for any facility additions to the Keystone Oil Pipeline are obtained from state agencies.

### **Energy Business**

The Energy segment of TransCanada's business includes the acquisition, development, construction, ownership and operation of electrical power generation plants, the purchase and marketing of electricity, the provision of electricity account services to energy and industrial customers, the development, construction and ownership and operation of non-regulated natural gas storage in Alberta.

The electrical power generation plants and power supply that TransCanada has an interest in, including those under development, in the aggregate, represent more than 11,700 MW of power generation capacity. Power plants and power supply in Canada account for approximately 63 per cent of this total, and power plants in the U.S. account for the balance, being approximately 37 per cent.

TransCanada owns and operates the following facilities:

- Ravenswood, located in Queens, New York, is a 2,480 MW power plant that consists of multiple units employing steam turbine, combined cycle and combustion turbine technology. Ravenswood has the capacity to serve approximately 21 per cent of New York City's peak load.
- TC Hydro, TransCanada's hydroelectric facilities located in New Hampshire, Vermont and Massachusetts on the Connecticut and Deerfield Rivers, consists of 13 stations and associated dams and reservoirs with a total generating capacity of 583 MW.

- Ocean State Power, a 560 MW natural gas-fired, combined-cycle facility in Burrillville, Rhode Island.
- Bécancour, a 550 MW natural gas-fired cogeneration power plant located near Trois-Rivières, Québec. The entire power output is supplied to Hydro-Québec Distribution under a 20-year power purchase contract expiring in 2026. Steam is also sold to an industrial customer for use in commercial processes. Since 2008, electricity generation at the Bécancour power plant has been temporarily suspended due to an agreement entered into with Hydro-Québec. Under this agreement, TransCanada continues to receive payments similar to those that would have been received under the normal course of operation.
- Natural gas-fired cogeneration plants in Alberta at Carseland (80 MW), Redwater (40 MW), Bear Creek (80 MW) and MacKay River (165 MW).
- Grandview, a 90 MW natural gas-fired cogeneration power plant located on the site of the Irving Oil Limited oil refinery in Saint John, New Brunswick. Irving Oil Limited is under a 20 year tolling arrangement that expires in 2025, to supply fuel for the plant and to contract 100 per cent of the plant's heat and electricity output.
- Cancarb, a 27 MW facility located in Medicine Hat, Alberta fuelled by waste heat from TransCanada's adjacent thermal carbon black facility.
- Edson, an underground natural gas storage facility connected to the Alberta System near Edson, Alberta. The facility's central processing system is capable of maximum injection and withdrawal rates of 725 MMcf/d of natural gas. Edson has a working natural gas storage capacity of approximately 50 Bcf.

TransCanada has the following long-term power purchase arrangements in place:

- TransCanada has the rights to 100 per cent of the generating capacity of the 560 MW Sundance A coal-fired power generation facility under a Power Purchase Agreement ( *PPA* ) that expires in 2017. TransCanada also has the rights to
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50 per cent of the generating capacity of the 706 MW Sundance B facility under a PPA, which expires in 2020 ( *Sundance* ). The Sundance facilities are located in south-central Alberta.

- The Sheerness facility, which consists of two 390 MW coal-fired thermal power generating units, is located in southeastern Alberta. TransCanada has the rights to 756 MW of generating capacity from the Sheerness PPA that expires in 2020 ( *Sheerness* ).

TransCanada has interests in the following:

- Two nuclear power generating stations, Bruce A, which is owned 48.8 per cent by TransCanada and has four 750 MW reactors, of which two are currently operating and two are being refurbished, and Bruce B, which is owned 31.6 per cent by TransCanada and has four operating reactors with a combined capacity of approximately 3,200 MW. Bruce Power is two partnerships with generating facilities and offices located on 2,300 acres northwest of Toronto, Ontario on which are housed Bruce A and Bruce B.
- A 60 per cent ownership in CrossAlta, which is a 68 Bcf underground natural gas storage facility connected to the Alberta System near Crossfield, Alberta. The facility's central processing system is capable of maximum injection and withdrawal rates of 550 MMcf/d of natural gas.
- A 62 per cent interest in the Carleton (109 MW), Anse-à-Valleau (101 MW), and Baie-des-Sables (110 MW) wind farms, the first three phases of the Cartier Wind Energy Project, which commenced commercial operation in November 2008, November 2007 and November 2006, respectively.
- The Portlands Energy Centre, a 550 MW, combined-cycle natural gas generation power plant located in Toronto, Ontario is 50 per cent owned by TransCanada. The plant went into service in simple-cycle mode, capable of delivering 340 MW of electricity in the summer of 2008 and was fully commissioned in April of 2009. This facility provides power under a 20 year Accelerated Clean Energy Supply contract with the Ontario Power Authority.

TransCanada owns the following facilities which are under construction or development:

- Oakville Generating Station, a proposed 900 MW natural gas fired combined cycle plant in Oakville, Ontario. TransCanada was awarded a 20-year clean energy supply contract to build, own and operate the Oakville Generating Station in September 2009. TransCanada expects to invest approximately \$1.2 billion in the project which is scheduled to be in service in first quarter 2014.
- The Cartier Wind Energy Project consists of five wind projects in the Gaspé region of Québec contracted by Hydro-Québec Distribution representing a total of 590 MW when all five wind projects are complete. Three of the wind farms are constructed and in service as noted above, and two are currently under construction. The two remaining projects are expected to be placed in service at the end of 2011 and 2012, respectively and have a generating capacity of 270 MW, subject to the necessary approvals. Cartier Wind is 62 per cent owned by TransCanada. All of the power produced by Cartier Wind Energy Project is sold to Hydro-Québec Distribution under a 20-year power purchase agreement. In fourth quarter 2009, the proposed 150 MW Les Méchins wind farm project was cancelled due to unavailability of cost-effective wind turbines and difficulty reaching acceptable agreements with private landowners. This decision has no impact on the other Cartier Wind Energy projects.
- A 683 MW natural gas-fired power plant near the town of Halton Hills, Ontario is under construction and is expected to be placed in service in the third quarter of 2010. All of the power produced by the facility is contracted to be sold to the Ontario Power Authority under a 20-year clean energy supply contract.
- The Coolidge generating station is a simple-cycle, natural gas-fired peaking power generation station under development in Coolidge, Arizona. Based on optimal operating conditions, TransCanada expects an electrical output of approximately 575 MW from this facility, designed to provide a quick response to peak power demands. The project has received its required permits, construction commenced in August 2009 and the project is expected to be placed in service in second quarter 2011. The power output will be supplied to the Phoenix, Arizona based Salt River Project Agricultural Improvement and Power District under a 20-year power purchase contract.
- The 132 MW Kibby wind power project is under construction and is planned to include 44 turbines located in Kibby and Skinner townships in Maine. Construction began in July 2008 and commissioning of the first phase occurred in October 2009 with half the turbines operational and a generating capacity of 66 MW, and the second phase which consists of the remaining 22 turbines is expected to go into service in 2010 with a generating capacity of 66 MW.

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Further information about TransCanada's energy holdings and significant developments and opportunities relating to energy can be found in the MD&A under the headings Energy, Energy Highlights, Energy Financial Analysis and Energy Opportunities and Developments.

### GENERAL

#### Employees

At Year End, TransCanada's principal operating subsidiary, TCPL, had approximately 4,165 full time active employees, substantially all of whom were employed in Canada and the U.S., as set forth in the following table.

Western Canada (excluding Calgary)	444
Calgary	1,832
Eastern Canada	258
U.S. West Coast	150
U.S. Mid West	476
U.S. Northeast	408
U.S. Southeast/Gulf Coast	201
Houston	387
Mexico and South America	9
<b>Total</b>	<b>4,165</b>

#### Social and Environmental Policies

Health, safety and environment (HS&E) are top priorities in all of TransCanada's operations and activities in these areas are guided by the Company's HS&E Commitment Statement (the *Commitment Statement*). The Commitment Statement outlines guiding principles for a safe and healthy environment for TransCanada's employees, contractors and the public, and for TransCanada's commitment to protect the environment. All employees are held responsible and accountable for HS&E performance. TransCanada is committed to being an industry leader in conducting its business so that it meets or exceeds all applicable laws and regulations, and minimizes risk to people and the environment. TransCanada is committed to tracking and improving its HS&E performance, and to promoting safety on and off the job, in the belief that all occupational injuries and illnesses are preventable. TransCanada endeavors to do business with companies and contractors that share its perspective on HS&E performance and to influence them to improve their collective performance. TransCanada is committed to respecting the diverse environments and cultures in which it operates and to supporting open communication with the public, policy makers, scientists and public interest groups.

TransCanada is committed to ensuring compliance with its internal policies and legislated requirements. The HS&E Committee of TransCanada's board of directors (the *Board*) monitors compliance with the Company's HS&E corporate policy through regular reporting. TransCanada's HS&E management system is modeled on the International Organization for Standardization's (ISO) standard for environmental management systems, ISO 14001, and focuses resources on the areas of significant risk to the organization's HS&E business activities. Management is informed regularly of all important HS&E operational issues and initiatives through formal reporting processes. TransCanada's HS&E management system and performance are assessed by an independent outside firm every three years. The most recent assessment occurred in December 2009 and did not identify any material issues. The HS&E management system also is subject to ongoing internal review to ensure that it remains effective as circumstances change.

In 2009, employee and contractor health and safety performance continued to be a top priority. TransCanada's objective is a health and safety performance consistent with top quartile companies in its sectors. Overall, TransCanada's safety frequency rates in 2009 continued to be better

than most industry benchmarks.

The safety and integrity of TransCanada's existing and newly developed energy infrastructure also continued to be top priorities. All new assets are designed, constructed and commissioned with full consideration given to safety and integrity, and are not brought into service until all necessary requirements are satisfied. The Company expects to spend approximately \$181 million in 2010 for pipeline integrity on its wholly owned pipelines, which is \$10 million higher than in 2009 primarily due to increased levels of in-line pipeline inspection on all systems. Under the approved regulatory models in Canada, pipeline integrity expenditures on NEB regulated pipelines are treated on a flow-through basis and, as a result, have no impact on TransCanada's earnings. Under the Keystone Oil Pipeline contracts, pipeline integrity expenditures are recovered through the tolling mechanism and, as a result, have no impact on TransCanada's earnings. Expenditures for the GTN System may also be recovered through a cost recovery mechanism in its rates. TransCanada's pipeline safety record in 2009 continued to be above industry benchmarks. TransCanada experienced three pipeline breaks in 2009. The first occurred in a

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remote part of northern Alberta. The other two occurred in rural parts of northern Ontario. The breaks resulted in minimal impact with no injuries and only minor property damage in one of the incidents. All three incidents were subject to a Level 3 investigation by the Transportation Safety Board of Canada. Spending associated with public safety on the Energy assets is focused primarily on TransCanada's hydro dams and associated equipment, and is consistent with previous years.

### **Environmental Protection**

TransCanada's facilities are subject to various federal, provincial, state and local statutes and regulations regarding environmental quality and pollution control. TransCanada has ongoing inspection programs designed to keep all of its facilities in compliance with environmental requirements and TransCanada is confident that its systems are in material compliance with the applicable requirements.

In 2009, TransCanada conducted environmental risk assessments and remediation work, as well as various retirement, reclamation and restoration activities on its Canadian and U.S. facilities. At December 31, 2009, TransCanada had recorded liabilities of approximately \$91 million (2008 - \$86 million) for remediation obligations and compliance costs associated with greenhouse gas ( *GHG* ) legislation, including contingencies. The Company believes it has considered all necessary contingencies and established appropriate reserves for environmental liabilities, however, there is the risk that unforeseen matters may arise requiring the Company to set aside additional amounts.

TransCanada is not aware of any material outstanding orders, claims or lawsuits against the Company in relation to the release or discharge of any material into the environment or in connection with environmental protection.

North American climate change policy continues to evolve at regional and national levels. In 2009, TransCanada owned assets in three Canadian provinces where regulations exist to address industrial GHG emissions. TransCanada has put in place procedures to address these regulations.

In Alberta, under the Specified Gas Emitters Regulation, industrial facilities are required to reduce GHG emissions intensities by 12 per cent effective July 2007. TransCanada's Alberta-based facilities are subject to this regulation, as are the Sundance and Sheerness coal-fired power facilities with which TransCanada has power purchase agreements. As an alternative to reducing emissions intensities, compliance can be achieved through the retirement of offsets or payments to a technology fund at a cost of \$15 per tonne of carbon dioxide ( *CO<sub>2</sub>* ) emissions in excess of the mandated reduction. A program is in place to manage the compliance costs incurred by these assets as a result of regulation. Compliance costs on the Alberta System are recovered through tolls paid by customers. Recovery of compliance costs at TransCanada's power generation facilities in Alberta is dependent ultimately on market prices for electricity. TransCanada has estimated and recorded costs of \$17 million for 2009. These costs will be finalized when compliance reports are submitted in March 2010.

The hydrocarbon royalty in Québec is collected by the natural gas distributor on behalf of the Québec government through a green fund contribution charge on gas consumed. In 2009, the cost pertaining to the Bécancour facility arising from the hydrocarbon royalty was less than \$1 million as a result of an agreement between TransCanada and Hydro-Québec to temporarily suspend the facility's power generation. The cost

is expected to increase substantially when the plant returns to service.

British Columbia's carbon tax, which came into effect in mid-2008, applies to CO<sub>2</sub> emissions arising from fossil fuel combustion. Compliance costs for fuel combustion at the Company's compressor and meter stations in British Columbia are recovered through tolls paid by customers. Costs related to the carbon tax in 2009 were \$3 million. The cost per tonne of CO<sub>2</sub> was \$15 in 2009 and will increase to \$20 per tonne and \$25 per tonne in 2010 and 2011, respectively.

Northeastern U.S. states that are members of the Regional Greenhouse Gas Initiative (  *RGGI*  ) implemented a CO<sub>2</sub> cap and trade program for electricity generators effective January 1, 2009. Under the RGGI, both the Ravenswood and Ocean State Power generation facilities will be required to submit allowances by December 31, 2011. TransCanada participated in the quarterly auctions of allowances for the Ravenswood and Ocean State power generation facilities and incurred related costs of \$8 million in 2009. These costs were generally recovered through the power market and the net impact on TransCanada was not significant.

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## RISK FACTORS

### Environmental Risk Factors

Environmental risks from TransCanada's operating facilities typically include: air emissions, such as nitrogen oxides, particulate matter and greenhouse gases; potential impacts on land, including land reclamation or restoration following construction; the use, storage or release of chemicals or hydrocarbons; the generation, handling and disposal of wastes and hazardous wastes; and water impacts such as uncontrolled water discharge. Environmental controls including physical design, programs, procedures and processes are in place to effectively manage these risks and TransCanada believes it has considered all necessary contingencies and established appropriate reserves for environmental liabilities. However, there is the risk that unforeseen matters may arise requiring TransCanada to set aside additional monies.

As mentioned above, TransCanada's operations are subject to various environmental laws and regulations that establish compliance and remediation obligations. Compliance obligations can result in significant costs associated with installing and maintaining pollution controls, fines and penalties resulting from any failure to comply, and potential limitations on operations. Remediation obligations can result in significant costs associated with the investigation and remediation of contaminated properties, some of which have been designated as Superfund sites by the United States Environmental Protection Agency under the *Comprehensive Environmental Response, Compensation and Liability Act*, and with damage claims arising out of the contamination of properties. It is not possible for TransCanada to estimate the amount and timing of all future expenditures related to environmental matters due to:

- uncertainties in estimating pollution control and clean up costs, including at sites where only preliminary site investigation or agreements have been completed;
- the potential discovery of new sites or additional information at existing sites;
- the uncertainty in quantifying liability under environmental laws that impose joint and several liability on all potentially responsible parties;
- the evolving nature of environmental laws and regulations, including the interpretation and enforcement thereof; and
- the potential for litigation on existing or discontinued assets.

In addition to those climate change policies already in force and which are described above under the heading "Environmental Protection", there are also several federal (Canada and U.S.), regional and provincial initiatives currently in development. While recent political and economic events may significantly affect the scope and timing of new measures that are put in place, TransCanada anticipates that most of the Company's facilities in Canada and the United States are or will be captured under federal and/or regional climate change regulations to manage industrial GHG emissions. Certain initiatives are outlined below.

The Canadian government has continued to express interest in pursuing a harmonized continental climate change strategy. In January 2010, Environment Canada listed a revised target to the United Nations Framework Convention on Climate Change as part of its submission for the Copenhagen Accord. The submitted target represents a 17 per cent GHG emissions reduction by 2020 relative to 2005 levels. The submission states that Canada will align with the final economy-wide emissions targets of the United States in enacted legislation. TransCanada expects that pipeline and power generation facility emissions will be subject to the reduction targets for industrial emitters.

Climate change is a strategic issue for the United States government and federal policy to manage domestic GHG emissions continues to be a priority. The Environmental Protection Agency has released an endangerment finding regarding GHG emissions under the *Clean Air Act*. This finding was to determine whether the six types of GHGs in the atmosphere threaten the health and welfare of current and future generations. The United States House passed a climate bill in June and the Senate is deliberating on a series of climate bills.

At a regional level, TransCanada has assets located in provinces where members of the Western Climate Initiative ( *WCI* ) have drafted regulations that apply to industrial GHG emitters. The Canadian WCI members include B.C., Manitoba, Ontario and Québec. The draft climate change strategies are expected to come into effect in 2012 and are expected to affect TransCanada's pipeline and power facilities. The details of how these provincial programs will align with the Canadian government's climate change policies remain uncertain.

Seven western U.S. states, along with the four Canadian provinces discussed above, are focused on the implementation of a cap and trade program under the WCI. Members of the WCI have set a GHG emission target of 15 per cent below 2005

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levels by 2020. California, a WCI founding member, has released draft cap and trade regulations that, if enacted, are anticipated to have an impact on the Company's pipeline assets in the state. The financial implications are not expected to be material. Under the current form of draft regulations in Washington and Oregon it is expected that there will not be a significant cost of compliance in these states. TransCanada will continue to monitor these developments.

Participants in the Midwestern Greenhouse Gas Reduction Accord, which involves six U.S. states and the province of Manitoba, are developing a regional strategy for reducing members' GHG emissions that will include a multi-sector cap and trade mechanism. Draft recommendations have been released but as yet not formally endorsed by participant states and Manitoba.

TransCanada monitors climate change policy developments and, when warranted, participates in policy discussions in jurisdictions where the Company has operations. The Company is also continuing its programs to manage GHG emissions from its facilities and to evaluate new processes and technologies that result in improved efficiencies and lower GHG emission rates.

### Other Risk Factors

A discussion of the Company's risk factors can be found in the MD&A under the headings Pipelines - Opportunities and Developments , Pipelines - Business Risks , Pipelines Outlook , Energy - Opportunities and Developments , Energy - Business Risks , Energy Outlook and Management and Financial Instruments .

### DIVIDENDS

The Board has not adopted a formal dividend policy. The Board reviews the financial performance of TransCanada quarterly and makes a determination of the appropriate level of dividends to be declared in the following quarter. Currently, TransCanada's payment of dividends is primarily funded from dividends TransCanada receives as the sole common shareholder of TCPL. Provisions of various trust indentures and credit arrangements to which TCPL is a party restrict TCPL's ability to declare and pay dividends to TransCanada under certain circumstances and, if such restrictions apply, they may, in turn, have an impact on TransCanada's ability to declare and pay dividends. In the opinion of TransCanada's management, such provisions do not currently restrict or alter TransCanada's ability to declare or pay dividends. Holders of Series 1 Preferred Shares are entitled to receive fixed cumulative preferential dividends, at an annual rate of \$1.15 per share, payable quarterly, as and when declared by the Board, for the initial five-year period ending December 31, 2014. For the period from issuance on September 30, 2009 to December 31, 2009, dividends in the amount of \$0.2899 per share were declared and paid on the Series 1 Preferred Shares. The dividend rate on the Series 1 Preferred Shares will reset on December 31, 2014 and every five years thereafter at a rate equal to the sum of the then five-year Government of Canada bond yield and 1.92%. The holders of Series 1 Preferred Shares have the right to convert their shares into cumulative redeemable first preferred shares, series 2 (the *Series 2 Preferred Shares*) as set out under First Preferred Shares below.

The dividends declared per Common Share of TransCanada during the past three completed financial years are set forth in the following table:

	2009	2008	2007
Dividends declared on Common Shares	\$1.52	\$1.44	\$1.36

**DESCRIPTION OF CAPITAL STRUCTURE**

**Share Capital**

TransCanada's authorized share capital consists of an unlimited number of Common Shares, of which 684,358,621 were issued and outstanding at Year End, and an unlimited number of first preferred shares and second preferred shares, issuable in series, of which 22,000,000 Series 1 Preferred Shares are issued and outstanding. The following is a description of the material characteristics of each of these classes of shares.

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### ***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 first preferred shares and the second preferred shares, whether as a class or a series, and to any other class or series of shares of TransCanada which rank prior to the Common Shares, entitle the holders thereof to receive (i) dividends if, as and when declared by the Board out of the assets of TransCanada 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 may from time to time determine and (ii) the remaining property of TransCanada upon a dissolution.

TransCanada has a Shareholder Rights Plan (the *Plan*) that is designed to ensure, to the extent possible, that all shareholders of TransCanada are treated fairly in connection with any take-over bid for the Company. The Plan creates a right attaching to each Common Share outstanding and to each Common Share subsequently issued. Each right becomes exercisable ten trading days after a person has acquired, or commences a take-over bid to acquire, 20 per cent or more of the Common Shares, other than by an acquisition pursuant to a take-over bid permitted under the terms of the Plan. Prior to a flip-in event (as described below), each right permits registered holders to purchase from the Company Common Shares of TransCanada at the exercise price equal to three times the market price of such shares, subject to adjustments and anti-dilution provisions (the *Exercise Price*). The beneficial acquisition by any person of 20 percent or more of the Common Shares, other than by way of a take-over bid permitted under the terms of the Plan, is referred to as a *Flip-in Event*. Ten trading days after a Flip-in Event, each TransCanada right will permit registered holders to receive, upon payment of the exercise price, the number of Common Shares with an aggregate market price equal to twice the Exercise Price. The Plan was reconfirmed at the 2007 annual and special meeting of shareholders and must be reconfirmed every third annual meeting thereafter.

TransCanada has a Dividend Reinvestment and Share Purchase Plan which permits common and preferred shareholders of TransCanada to elect to reinvest their cash dividends in additional Common Shares of TransCanada, and preferred shareholders of TCPL to elect, until such time as their participation is no longer permitted under securities law, to reinvest their cash dividends in Common Shares of TransCanada. These Common Shares may be provided to the participants at a discount to the average market price in the five days before dividend payment. The discount was set at two per cent commencing with the dividend payable in April 2007 and was increased to three per cent commencing with the dividend payable in January 2009. Participants may also make additional cash payments of up to \$10,000 per quarter to purchase additional Common Shares, which optional purchases are not eligible for any discount on the price of Common Shares. Participants are not responsible for payment of brokerage commissions or other transaction expenses for purchases made pursuant to the Dividend Reinvestment and Share Purchase Plan.

TransCanada also has stock-based compensation plans that allow some employees to purchase Common Shares of TransCanada. Option exercise prices approximate the market price for the Common Shares on the date the options were issued. Options granted under the plan are generally fully exercisable after three years and expire seven years after the date of grant.

### ***First Preferred Shares***

Subject to certain limitations, the Board may, 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 following effect.

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The first preferred shares of each series rank on a parity with the first preferred shares of every other series, and are 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 assets of TransCanada in the event of a liquidation, dissolution or winding up of TransCanada.

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 so determine prior to the issuance of such series, be entitled to such voting rights as may be determined by the directors if TransCanada fails to pay dividends on that series of preferred shares for any period as may be so determined by the directors.

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 2/3 per cent of the first preferred shares represented and voted at a meeting or adjourned meeting of such holders.

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The Series 1 Preferred Shares are entitled to the payment of dividends as set out above under "Dividends". The Series 1 Preferred Shares are redeemable by TransCanada in whole or in part on or after December 31, 2014, by the payment of an amount in cash for each share to be redeemed equal to \$25.00 plus all accrued and unpaid dividends thereon. The holders of Series 1 Preferred Shares have the right to convert their shares into cumulative redeemable first preferred shares, series 2 (the *Series 2 Preferred Shares*), subject to certain conditions, on December 31, 2014 and on December 31 of every fifth year thereafter. The holders of Series 2 Preferred Shares will be entitled to receive quarterly floating rate cumulative dividends, as and when declared by the Board, at a rate equal to the sum of the then 90-day Government of Canada treasury bill rate plus 1.92%. In the event of liquidation, dissolution or winding up of TransCanada, the holders of Series 1 Preferred Shares shall be entitled to receive \$25.00 per Series 1 Preferred Share plus all accrued and unpaid dividends thereon in preference over the Common Shares or any other shares ranking junior to the Series 1 Preferred Shares. Except as provided by the *Canada Business Corporations Act*, the holders of Series 1 Preferred Shares are not entitled to receive notice of, attend at, or vote at any meeting of shareholders unless and until TransCanada shall have failed to pay eight quarterly dividends, whether or not consecutive, in which case holders of Series 1 Preferred Shares shall have the right to receive notice of an to attend each meeting of shareholders at which directors are to be elected and which take place more than 60 days after the date on which the failure first occurs, and to one vote with respect to resolutions to elect directors for each Series 1 Preferred Share until all arrears of dividends have been paid.

### ***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 assets of TransCanada in the event of a liquidation, dissolution or winding up of TransCanada.

### **CREDIT RATINGS**

Although TransCanada has not issued debt to the public, it has been assigned credit ratings by Moody's Investors Service, Inc. (*Moody's*) and Standard and Poor's (*S&P*). Moody's has assigned an issuer rating of Baa1 with a stable outlook and S&P has assigned a long-term corporate credit rating of A- with a stable outlook. In third quarter 2009, TransCanada completed the issuance of \$550 million of Series 1 Preferred Shares, which were assigned ratings by DBRS Limited (*DBRS*) and S&P of Pfd-2 (low) and P-2, respectively. TransCanada does not presently intend to issue debt securities to the public in its own name and any future debt financing requirements are expected to continue to be funded primarily through its subsidiary, TCPL. The following table sets out the current credit ratings assigned to those outstanding classes of securities of TCPL which have been rated by DBRS, Moody's and S&P:

	<b>DBRS</b>	<b>Moody's</b>	<b>S&amp;P</b>
Senior Unsecured Debt			
<i>Debentures</i>	A	A3	A-
<i>Medium-Term Notes</i>	A	A3	A-
Junior Subordinated Notes	BBB (high)	Baa1	BBB
Preferred Shares	Pfd-2 (low)	Baa2	P-2
Commercial Paper	R-1 (low)	-	-
Trend/Rating Outlook	Stable	Stable	Stable

Credit ratings are intended to provide investors with an independent measure of credit quality of an issue of securities. Credit ratings are not recommendations to purchase, hold or sell securities and do not address the market price or suitability of a specific security for a particular investor. There is no assurance that any rating will remain in effect for any given period of time or that any rating will not be revised or withdrawn entirely by a rating agency in the future if, in its judgment, circumstances so warrant. A description of the rating agencies' credit ratings listed in the table above is set out below.

**DBRS Limited (DBRS)**

DBRS has different rating scales for short and long-term debt and preferred shares. High or low grades are used to indicate the relative standing within a rating category. The absence of either a high or low designation indicates the rating is in the middle of the category. The R-1 (low) rating assigned to TCPL's short-term debt is in the third highest of ten rating categories and indicates satisfactory credit quality. The overall strength and outlook for key liquidity, debt and profitability ratios are still respectable. Any qualifying negative factors that exist are considered manageable, and the entity is normally of sufficient size to have some influence in its industry. The A rating assigned to TCPL's senior unsecured debt is in the third highest of ten

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categories for long-term debt. Long-term debt rated A is of satisfactory credit quality. Protection of interest and principal is still substantial, but the degree of strength is less than that of AA rated securities. While a respectable rating, entities in the A category are considered to be more susceptible to adverse economic conditions and have greater cyclical tendencies than higher rated entities. The BBB (high) rating assigned to junior subordinated notes is in the fourth highest of the ten categories for long-term debt. Long-term debt rated BBB is of adequate credit quality. Protection of interest and principal is considered acceptable but there may be other adverse conditions present which reduce the strength of the entity and its rated securities. The Pfd-2 (low) rating assigned to TCPL's and TransCanada's preferred shares is in the second highest of six rating categories for preferred shares. Preferred shares rated Pfd-2 are of satisfactory credit quality. Protection of dividends and principal is still substantial; however, earnings, the balance sheet and coverage ratios are not as strong as Pfd-1 rated companies.

#### **Moody's Investors Service, Inc. (Moody's)**

Moody's has different rating scales for short and long-term obligations. Numerical modifiers 1, 2 and 3 are applied to each rating classification, with 1 being the highest and 3 being the lowest. The A3 rating assigned to TCPL's senior unsecured debt is in the third highest of nine rating categories for long-term obligations. Obligations rated A are considered upper medium grade and are subject to low credit risk. The Baa1 and Baa2 ratings assigned to TCPL's junior subordinated debt and preferred shares, respectively, are in the fourth highest of nine rating categories for long-term obligations, with the junior subordinated debt ranking slightly higher within the Baa rating category with a modifier of 1 as opposed to the modifier of 2 on the preferred shares. Obligations rated Baa are subject to moderate credit risk, are considered medium-grade, and as such, may possess certain speculative characteristics.

#### **Standard & Poor's (S&P)**

S&P has different rating scales for short- and long-term obligations. Ratings may be modified by the addition of a plus (+) or minus (-) sign to show the relative standing within a particular rating category. The A- rating assigned to TCPL's senior unsecured debt is in the third highest of ten rating categories for long-term obligations. An A rating indicates the obligor's capacity to meet its financial commitment is strong; however, the obligation is slightly more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rated categories. The BBB and P-2 ratings assigned to TCPL's junior subordinated notes and TCPL's and TransCanada's preferred shares exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.

#### **MARKET FOR SECURITIES**

TransCanada's Common Shares are listed on the Toronto Stock Exchange ( *TSX* ) and the New York Stock Exchange ( *NYSE* ). TransCanada's Series 1 Preferred Shares have been listed for trading on the TSX since September 30, 2009. The following tables set forth the reported monthly high, low, and month-end closing trading prices and monthly trading volumes of the Common Shares of TransCanada on the TSX and the NYSE and the Series 1 Preferred Shares on the TSX for the period indicated:

## Common Shares

Month	TSX (TRP)					NYSE (TRP)				
	High (\$)	Low (\$)	Close (\$)	Volume Traded	High (US\$)	Low (US\$)	Close (US\$)	Volume Traded		
December 2009	36.49	33.51	36.19	28,627,985	34.59	32.15	34.37	6,351,654		
November 2009	34.13	31.92	34.13	37,471,954	32.54	29.66	32.27	7,399,434		
October 2009	33.95	32.31	33.16	31,079,808	32.90	29.86	30.54	7,941,688		
September 2009	34.00	31.81	33.37	39,471,205	31.74	28.88	31.02	6,821,758		
August 2009	32.76	30.78	32.60	33,574,588	30.29	28.05	29.68	8,761,058		
July 2009	31.47	30.19	30.64	37,841,226	28.77	25.88	28.45	5,345,338		
June 2009	34.40	30.25	31.32	60,066,715	30.93	26.17	26.91	9,109,155		
May 2009	32.86	29.68	32.38	36,231,746	29.94	24.94	29.74	7,608,353		
April 2009	30.76	29.34	29.78	35,458,519	25.63	23.20	24.97	10,426,740		
March 2009	32.29	28.86	29.83	53,753,101	26.19	22.24	23.65	15,520,736		
February 2009	34.24	29.61	30.90	30,216,886	28.05	20.01	24.06	15,409,226		
January 2009	35.00	32.08	32.98	29,712,401	29.01	25.51	26.85	11,211,484		

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## Series 1 Preferred Shares

Month	TSX (TRP.PR.A)			
	High (\$)	Low (\$)	Close (\$)	Volume Traded
December 2009	26.20	25.51	26.00	917,214
November 2009	25.90	25.35	25.56	914,033
October 2009	25.50	25.01	25.40	1,866,602
September 2009	25.03	24.91	25.00	896,387

In addition, TransCanada's subsidiary, TCPL, has Cumulative Redeemable First Preferred Shares, Series U and Series Y listed on the TSX.

## DIRECTORS AND OFFICERS

As of February 22, 2010, the directors and officers of TransCanada as a group beneficially owned, or exercised control or direction, directly or indirectly, over an aggregate of 504,537 Common Shares of TransCanada. This constitutes less than one per cent of TransCanada's Common Shares. TransCanada collects this information from its directors and officers but otherwise has no direct knowledge of individual holdings of its securities.

## Directors

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Set forth below are the names of the thirteen directors who served on the Board at Year End, together with their jurisdictions of residence, all positions and offices held by them with TransCanada and its significant affiliates, their principal occupations or employment during the past five years and the year from which each director has continually served as a director of TransCanada and, prior to the arrangement, with TCPL. Positions and offices held with TransCanada are also held by such person at TCPL. Each director holds office until the next annual meeting or until his or her successor is earlier elected or appointed.

Name and Place of Residence	Principal Occupation During the Five Preceding Years	Director Since
Kevin E. Benson(1) DeWinton, Alberta Canada	President and Chief Executive Officer, Laidlaw International, Inc. (transportation services) from June 2003 to October 2007. Director, Emergency Medical Services Corporation.	2005
Derek H. Burney(2), O.C. Ottawa, Ontario Canada	Senior strategic advisor at Ogilvy Renault LLP (law firm), Chair, Canwest Global Communications Corp. (communications) and Chair, International Advisory Board for Garda World Consulting & Investigation, a division of Garda World Security Corporation. Director, Canwest Global Communications Corp. Lead director at Shell Canada Limited (oil and gas) from April 2001 to May 2007.	2005
Wendy K. Dobson Uxbridge, Ontario Canada	Professor, Rotman School of Management and Co-Director, Institute for International Business, University of Toronto. Director, the Toronto-Dominion Bank. Vice Chair of the Canadian Public Accountability Board until February 2010 and Chair of the audit committee of the same organization from 2003 to 2009.	1992
E. Linn Draper Lampasas, Texas United States	Director, Alliance Data Systems Corporation (data processing and services), Lead Director, Alpha Natural Resources, Inc. (mining), Director, NorthWestern Corporation (conducting business as NorthWestern Energy) (oil and gas) and Lead Director of Temple-Inland Inc. (materials).	2005
The Hon. Paule Gauthier, P.C., O.C., O.Q., Q.C. Québec, Québec Canada	Senior Partner, Stein Monast LLP (law firm). Director, Metro Inc., RBC Dexia Investor Services Trust and Royal Bank of Canada. Director, Cossette Inc. until December 23, 2009. Director, Institut Québécois des Hautes Études Internationales, Laval University from 2002 until 2009.	2002
Kerry L. Hawkins Winnipeg, Manitoba Canada	Director, NOVA Chemicals Corporation until July 6, 2009. President, Cargill Limited (agricultural) from September 1982 to December 2005.	1996

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Name and Place of Residence	Principal Occupation During the Five Preceding Years	Director Since
S. Barry Jackson Calgary, Alberta Canada	Chair of the Board, TransCanada since April 2005. Director, Nexen Inc. (oil and gas). Director, WestJet Airlines Ltd. Chair of Resolute Energy Inc. (oil and gas) from January 2002 to April 2005 and Chair of Deer Creek Energy Limited (oil and gas) from April 2001 to September 2005.	2002
Paul L. Joskow New York, New York United States	Economist and President of the Alfred P. Sloan Foundation. On leave from his position as Professor of Economics and Management, Massachusetts Institute of Technology ( MIT ) where he has been on the faculty since 1972. Trustee of Yale University since July 1, 2008 and member of the Board of Overseers of the Boston Symphony Orchestra since September 2005. Director of the MIT Center for Energy and Environmental Policy Research from 1999 to 2007 and Director of National Grid plc from 2000 to 2007. Director of Exelon Corporation (energy) since July 2007. Trustee of Putnam Mutual Funds.	2004
Harold N. Kvisle Calgary, Alberta Canada	President and Chief Executive Officer of TransCanada since May 2003 and TCPL since May 2001. Director, Bank of Montreal and ARC Energy Trust.	2001
John A. MacNaughton(3), C.M. Toronto, Ontario Canada	Chair of the Business Development Bank of Canada and of CNSX Markets Inc. (formerly the Canadian Trading and Quotation System Inc.) (stock exchange). Director, Nortel Networks Corporation and Nortel Networks Limited (the principal operating subsidiary of Nortel Networks Corporation) (technology). Chair of the Independent Nominating Committee of the new Canada Employment Insurance Financing Board since 2008. Founding President and Chief Executive Officer of the Canada Pension Plan Investment Board from 1999 to 2005.	2006
David P. O'Brien(4) Calgary, Alberta Canada	Chair, EnCana Corporation (oil and gas) since April 2002 and Chair, Royal Bank of Canada since February 2004. Director, Molson Coors Brewing Company, Enerplus Resources Fund and C.D. Howe Institute. Chancellor, Concordia University and a member of the Science, Technology and Innovation Council of Canada.	2001
W. Thomas Stephens Greenwood Village,	Chair and Chief Executive Officer of Boise Cascade, LLC from November 2004 to November 30, 2008. Director, Boise Inc.	2007(5)

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Colorado		
United States		
D. Michael G. Stewart	Director, Canadian Energy Services & Technology Corp., Pengrowth Corporation and Orleans Energy Ltd. Chairman and a trustee of Esprit Energy Trust (oil and gas) from August 2004 to October 2006; and a director of Creststreet Power & Income General Partner Limited, the General Partner of Creststreet Power & Income Fund L.P. (wind power) from December 2003 to February 2006.	2006
Calgary, Alberta		
Canada		

(1) Mr. Benson was President and Chief Executive Officer of Canadian Airlines International Ltd. from July 1996 to February 2000. Canadian Airlines International Ltd. filed for protection under the *Companies Creditors Arrangement Act* (Canada) and applicable bankruptcy protection statutes in the U.S. on March 24, 2000.

(2) Canwest Global Communications Corp. ( *Canwest* ) voluntarily entered into, and successfully obtained an Order from the Ontario Superior Court of Justice (Commercial Division) commencing proceedings under the *Companies Creditors Arrangement Act* on October 6, 2009. Following the filing, Canwest shares were de-listed from trading on the TSX and now trade on the TSX Venture Exchange.

(3) Nortel Networks Limited is the principal operating subsidiary of Nortel Networks Corporation (collectively referred to as *Nortel* ). Mr. MacNaughton became a director of Nortel on June 29, 2005. Nortel was subject to a management cease trade order on April 10, 2006 issued by the Ontario Securities Commission ( *OSC* ) and other provincial securities regulators. The cease trade order related to a delay in filing certain of Nortel s 2005 financial statements. The order was revoked by the OSC on June 8, 2006 and by the other provincial securities regulators very shortly thereafter. On January 14, 2009, Nortel, and certain of Nortel s other Canadian subsidiaries filed for creditor protection under the *Companies Creditors Arrangement Act* (Canada).

(4) Mr. O Brien was a director of Air Canada in April 2003 when Air Canada filed for protection under the *Companies Creditors Arrangement Act* (Canada) and applicable bankruptcy protection statutes in the U.S. Mr. O Brien resigned as a director of Air Canada on November 26, 2003.

(5) Mr. Stephens previously served on the Board from 2000 to 2005.

**Board Committees**

TransCanada has four committees of the Board: the Audit Committee, the Governance Committee, the Health, Safety and Environment Committee and the Human Resources Committee. The voting members of each of these committees, as of Year End, are identified below:

<b>Audit Committee</b>		<b>Governance Committee</b>		<b>Health, Safety &amp; Environment Committee</b>		<b>Human Resources Committee</b>	
Chair:	K.E. Benson	Chair:	J.A. MacNaughton	Chair:	E.L. Draper	Chair:	W.T. Stephens
Members:	D.H. Burney E.L. Draper P.L. Joskow J.A. MacNaughton D.M.G. Stewart	Members:	K.E. Benson D.H. Burney P.L. Joskow D.P. O'Brien D.M.G. Stewart S.B. Jackson	Members:	W.K. Dobson P. Gauthier K.L. Hawkins W.T. Stephens	Members:	W.K. Dobson P. Gauthier K.L. Hawkins D.P. O'Brien S.B. Jackson

The charters of the Audit Committee, Governance Committee, the Health, Safety & Environment Committee and the Human Resources Committee can be found on TransCanada's website under the Corporate Governance - Board Committees page located at [www.transcanada.com](http://www.transcanada.com). Information about the audit committee can be found in this AIF under the heading "Audit Committee".

Further information about the Board committees and corporate governance can also be found on TransCanada's website.

**Officers**

All of the executive officers and corporate officers of TransCanada reside in Calgary, Alberta, Canada. References to positions and offices with TransCanada prior to May 15, 2003 are references to the positions and offices held with TCPL. Current positions and offices held with TransCanada are also held by such person at TCPL. As of the date hereof, the officers of TransCanada, their present positions within TransCanada and their principal occupations during the five preceding years are as follows:

***Executive Officers***

<b>Name</b>	<b>Present Position Held</b>	<b>Principal Occupation During the Five Preceding Years</b>
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Harold N. Kvisle	President and Chief Executive Officer	President and Chief Executive Officer
Russell K. Girling	Chief Operating Officer and President, Pipelines	Prior to July 2009, President, Pipelines. Prior to June 2006, Executive Vice-President, Corporate Development and Chief Financial Officer
Gregory A. Lohnes	Executive Vice-President and Chief Financial Officer	Prior to June 2006, President and Chief Executive Officer of Great Lakes Gas Transmission Company
Dennis J. McConaghy	Executive Vice-President, Pipeline Strategy and Development	Prior to June 2006, Executive Vice-President, Gas Development
Sean McMaster	Executive Vice-President, Corporate, and General Counsel and Chief Compliance Officer	Prior to October 2006, General Counsel and Chief Compliance Officer. Prior thereto, General Counsel since June 2006. Prior to June 2006, Vice-President, Transactions, Power Division, TCPL and concurrently, prior to August 2005, President TransCanada Power Services Ltd., general partner of TransCanada Power, L.P.
Alexander J. Pourbaix	President, Energy and Executive Vice-President, Corporate Development	Prior to July 2009, President, Energy. Prior to June 2006, Executive Vice-President, Power
Sarah E. Raiss	Executive Vice-President, Corporate Services	Executive Vice-President, Corporate Services
Donald M. Wishart	Executive Vice-President, Operations and Major Projects	Prior to July 2009, Executive Vice-President, Operations and Engineering

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**Corporate Officers**

<b>Name</b>	<b>Present Position Held</b>	<b>Principal Occupation During the Five Preceding Years</b>
Ronald L. Cook	Vice-President, Taxation	Vice-President, Taxation
Donald J. DeGrandis	Vice-President and Corporate Secretary	Prior to February 2009, Corporate Secretary. Prior to June 2006, Associate General Counsel, Corporate
Garry E. Lamb	Vice-President, Risk Management	Vice-President, Risk Management
Donald R. Marchand	Vice-President, Finance and Treasurer	Vice-President, Finance and Treasurer
G. Glenn Menuz	Vice-President and Controller	Prior to June 2006, Assistant Controller

**Conflicts of Interest**

Directors and officers of TransCanada and its subsidiaries are required to disclose the existence of existing or potential conflicts in accordance with TransCanada policies governing directors and officers and in accordance with the *Canada Business Corporations Act*. Although some of the directors sit on boards or may be otherwise associated with companies that ship natural gas on TransCanada's pipeline systems, TransCanada, as a common carrier in Canada, cannot, under its tariff, deny transportation service to a credit-worthy shipper. Further, due to the specialized nature of the industry, TransCanada believes that it is important for its Board to be composed of qualified and knowledgeable directors, so some of them must come from the oil and gas producer and shipper community; the Governance Committee monitors relationships among directors to ensure that business associations do not affect the Board's performance. In a circumstance where a director declares an interest in any material contract or material transaction being considered at a meeting, the director generally absents himself or herself from the meeting during the consideration of the matter, and does not vote on the matter.

**CORPORATE GOVERNANCE**

The Board and the members of TransCanada's management are committed to the highest standards of corporate governance. TransCanada's corporate governance practices comply with the governance rules of the Canadian Securities Administrators (CSA), those of the NYSE and of the SEC applicable to foreign issuers, and those mandated by the U.S. *Sarbanes-Oxley Act of 2002*. As a non-U.S. company, TransCanada is not required to comply with most of the NYSE corporate governance listing standards; however, except as summarized on our website at [www.transcanada.com](http://www.transcanada.com), the governance practices followed are in compliance with the NYSE standards for U.S. companies in all significant respects. TransCanada is in compliance with the CSA's National Instrument 52-110 pertaining to audit committees; National Policy 58-201, Corporate Governance Guidelines; and National Instrument 58-101, Disclosure of Corporate Governance Practices. Further information about TransCanada's corporate governance can be found on TransCanada's website at [www.transcanada.com](http://www.transcanada.com) under the heading Corporate Governance or at Schedule A to TransCanada's management proxy circular.



## AUDIT COMMITTEE

TransCanada has an Audit Committee which is responsible for assisting the Board in overseeing the integrity of TransCanada's financial statements and compliance with legal and regulatory requirements and in ensuring the independence and performance of TransCanada's internal and external auditors. The Charter of the Audit Committee can be found in Schedule C of this AIF and on TransCanada's website under the Corporate Governance - Board Committees page, at [www.transcanada.com](http://www.transcanada.com).

### Relevant Education and Experience of Members

The members of the Audit Committee at Year End were Kevin E. Benson (Chair), Derek H. Burney, E. Linn Draper, Paul L. Joskow, John A. MacNaughton and D. Michael G. Stewart.

The Board believes that the composition of the Audit Committee reflects a high level of financial literacy and expertise. Each member of the Audit Committee has been determined by the Board to be independent and financially literate within the meaning of the definitions under Canadian and U.S. securities laws and the NYSE rules. In addition, the Board has determined that Mr. Benson is an Audit Committee Financial Expert as that term is defined under U.S. securities laws. The Board has made these determinations based on the education and breadth and depth of experience of each member of the Audit Committee. The following is a description of the education and experience, apart from their respective roles as directors of TransCanada, of

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each member of the Audit Committee that is relevant to the performance of his or her responsibilities as a member of the Audit Committee:

***Kevin E. Benson***

Mr. Benson earned a Bachelor of Accounting from the University of Witwatersrand (South Africa) and was a member of the South African Society of Chartered Accountants. Mr. Benson was the President and Chief Executive Officer of Laidlaw International, Inc. until October, 2007. In prior years, he has held several executive positions including one as President and Chief Executive Officer of Canadian Airlines International Ltd. and has served on other public company boards and on the audit committees of certain of those boards.

***Derek H. Burney***

Mr. Burney earned a Bachelor of Arts (Honours) and Master of Arts from Queen's University. He is currently a senior strategic advisor at Ogilvy Renault LLP. Mr. Burney previously served as President and Chief Executive Officer of CAE Inc. and as Chairman and Chief Executive Officer of Bell Canada International Inc. Mr. Burney was the lead director at Shell Canada Limited until May 2007 and is the Chairman of Canwest Global Communications Corp. He has served on one other organization's audit committee.

***E. Linn Draper***

Dr. Draper holds a Bachelor of Science in Chemical Engineering from Rice University and a Ph.D. in Nuclear Science and Engineering from Cornell University. Dr. Draper was Chairman, President and Chief Executive Officer of American Electric Power Co., Inc. until 2004. He previously served as Chairman, President and Chief Executive Officer of Gulf States Utilities Company. Dr. Draper has served and continues to serve on several other public company boards.

***Paul L. Joskow***

Mr. Joskow earned a Bachelor of Arts with Distinction in Economics from Cornell University, a Masters of Philosophy in Economics from Yale University, and a Ph.D. in Economics from Yale University. He is currently the President of the Alfred P. Sloan Foundation and on leave from his position as a Professor of Economics and Management, MIT. He has served on the boards of several public companies and other organizations and on the audit committees of certain of those boards.

*John A. MacNaughton*

Mr. MacNaughton earned a Bachelor of Arts in Economics from the University of Western Ontario. Mr. MacNaughton is currently the Chairman of the Business Development Bank of Canada and of CNSX Markets Inc. (formerly Canadian Trading and Quotation System Inc.) In prior years, he has held several executive positions including founding President and Chief Executive Officer of the Canadian Pension Plan Investment Board and President of Nesbitt Burns Inc. He has served on the audit committee of other public companies.

*D. Michael G. Stewart*

Mr. Stewart earned a Bachelor of Science (Honours) in Geological Science from Queen's University. Mr. Stewart has served and continues to serve on the boards of several public companies and other organizations and on the audit committees of certain of those boards. He has been active in the Canadian energy industry for over 36 years.

**Pre-Approval Policies and Procedures**

TransCanada's Audit Committee has adopted a pre-approval policy with respect to permitted non-audit services. Under the policy, the Audit Committee has granted pre-approval for specified non-audit services. For engagements of \$25,000 or less which are not within the annual pre-approved limit, approval by the Audit Committee is not required, and for engagements between \$25,000 and \$100,000, approval of the Audit Committee Chair is required, and the Audit Committee is to be informed of the engagement at the next scheduled Audit Committee meeting. For all engagements of \$100,000 or more, pre-approval of the Audit Committee is required. In all cases, regardless of the dollar amount involved, where there is a potential for conflict of interest involving the external auditor to arise on an engagement, the Audit Committee Chair must pre-approve the assignment.

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To date, TransCanada has not approved any non-audit services on the basis of the de-minimus exemptions. All non-audit services have been pre-approved by the Audit Committee in accordance with the pre-approval policy described above.

### External Auditor Service Fees

The following table provides information about the fees paid by the Company to KPMG LLP, the external auditor of the TransCanada group of companies, for professional services rendered for the 2009 and 2008 fiscal years.

<b>Fee Category</b>	<b>2009</b>	<b>2008</b>	<b>Description of Fee Category</b>
	(millions of dollars)		
Audit Fees	<b>\$7.14</b>	<b>\$6.69</b>	Aggregate fees for audit services rendered for the audit of the annual consolidated financial statements or services provided in connection with statutory and regulatory filings or engagements, the review of interim consolidated financial statements and information contained in various prospectuses and other offering documents.
Audit Related Fees	<b>\$0.15</b>	<b>\$0.08</b>	Aggregate fees for assurance and related services that are reasonably related to performance of the audit or review of the consolidated financial statements and are not reported as Audit Fees. The nature of services comprising these fees related to the audit of the financial statements of certain pension plans.
Tax Fees	<b>\$1.13</b>	<b>\$0.14</b>	Aggregate fees rendered for tax planning and tax compliance advice. The nature of these services consisted of domestic and international tax planning advice and tax compliance matters including the review of income tax returns and other tax filings.
All Other Fees	<b>\$0.43</b>	<b>\$0.37</b>	Aggregate fees for products and services other than those reported elsewhere in this table. The nature of these services consisted primarily of advice and training primarily related to compliance with IFRS.
Total	<b>\$8.85</b>	<b>\$7.28</b>	

### LEGAL PROCEEDINGS AND REGULATORY ACTIONS

TransCanada and its subsidiaries are subject to various legal proceedings and regulatory actions arising in the normal course of business. While the final outcome of such legal proceedings and regulatory actions cannot be predicted with certainty and there can be no assurance that such matters will be resolved in TransCanada's favour, it is the opinion of TransCanada's management that the resolution of such proceedings and regulatory actions will not have a material impact on TransCanada's consolidated financial position, results of operations or liquidity.

### MATERIAL CONTRACTS

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The underwriting agreement between TransCanada Corporation and RBC Dominion Securities Inc., BMO Nesbitt Burns Inc., TD Securities Inc., Scotia Capital Inc., CIBC World Markets Inc., National Bank Financial Inc., HSBC Securities (Canada) Inc., and UBS Securities Canada Inc., as underwriters, dated June 16, 2009 as described in this AIF under the heading "General Development of the Business - Financing Activities" is available on SEDAR at [www.sedar.com](http://www.sedar.com) under TransCanada's profile.

The underwriting agreement between TransCanada Corporation and Scotia Capital Inc., RBC Dominion Securities Inc., BMO Nesbitt Burns Inc., TD Securities Inc., CIBC World Markets Inc., National Bank Financial Inc., HSBC Securities (Canada) Inc. and UBS Securities Canada Inc., as underwriters, dated September 22, 2009 as described in this AIF under the heading "General Development of the Business - Financing Activities" is available on SEDAR at [www.sedar.com](http://www.sedar.com) under TransCanada's profile.

### **TRANSFER AGENT AND REGISTRAR**

TransCanada's transfer agent and registrar is Computershare Trust Company of Canada with its Canadian transfer facilities in the cities of Vancouver, Calgary, Winnipeg, Toronto, Montréal and Halifax.

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**INTEREST OF EXPERTS**

TransCanada's auditors, KPMG LLP, have confirmed that they are independent within the meaning of the Rules of Professional Conduct of the Institute of Chartered Accountants of Alberta.

**ADDITIONAL INFORMATION**

1. Additional information in relation to TransCanada may be found under TransCanada's profile on SEDAR at [www.sedar.com](http://www.sedar.com).
2. Additional information including directors' and officers' remuneration and indebtedness, principal holders of TransCanada's securities and securities authorized for issuance under equity compensation plans (all where applicable), is contained in TransCanada's management proxy circular for its most recent annual meeting of shareholders that involved the election of directors and can be obtained upon request from the Corporate Secretary of TransCanada.
3. Additional financial information is provided in TransCanada's audited consolidated financial statements and MD&A for its most recently completed financial year.

**GLOSSARY**

AcSB	Accounting Standards Board	Iroquois System	A natural gas pipeline system in New York and Connecticut
AGIA	<i>Alaska Gasline Inducement Act</i>	ISO	International Organization of Standardization
AIF	Annual Information Form of TransCanada Corporation dated February 22, 2010	Keystone Canada	TransCanada Keystone Pipeline Limited Partnership
Alaska Pipeline Project	A 4.5 Bcf/d natural gas pipeline that would extend 2,737 km (1,700 miles) from a new natural gas treatment plant at Prudhoe	Keystone Oil Pipeline	A 3,456 km (2,147 mile) crude oil pipeline project currently under construction

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Alberta System	Bay, Alaska to Alberta. A natural gas transmission system throughout the province of Alberta	Keystone U.S.	TransCanada Keystone Pipeline, LP
ANR	American Natural Resources Company and ANR Storage Company	LNG	Liquefied Natural Gas
ANR System	A natural gas transmission system which extends approximately 17,000 km from producing fields in Louisiana, Oklahoma, Texas and the Gulf of Mexico to markets in Wisconsin, Michigan, Illinois, Ohio and Indiana	MD&A	TransCanada's Management's Discussion and Analysis dated February 22, 2010
ATCO Pipelines	A subsidiary of Canadian Utilities Limited	MMcf/d	Million cubic feet per day
AUC	Alberta Utilities Commission	Moody's	Moody's Investors Service, Inc.
Bbl/d	Barrels per day	MW	Megawatts
Bcf	Billion cubic feet	NBPL	Northern Border Pipeline Company
Bécancour	A natural gas-fired cogeneration plant near Trois-Rivières, Québec	NBPL System	A natural gas transmission system located in the upper Midwestern portion of the U.S.
Bison	The Bison Pipeline Project, a proposed 303-mile pipeline from the Powder River Basin in Wyoming to the NBPL System	NEB	National Energy Board
Board	TransCanada's Board of Directors	NGTL	NOVA Gas Transmission Limited
Broadwater	A proposed offshore LNG facility in Long Island Sound, New York	North Baja	A natural gas pipeline in southern California
Bruce A	Bruce Power A.L.P.	NYSDOS	New York Department of State
Bruce B	Bruce Power L.P.	NYSE	New York Stock Exchange
Cacouna	The proposed Cacouna Energy LNG facility in Cacouna, Québec	Portland System	A natural gas pipeline that runs through Maine and New Hampshire into Massachusetts
Calpine	Calpine Corporation	Portlands	A natural gas-fired combined-cycle power plant near downtown Toronto, Ontario
Canadian Mainline	A natural gas pipeline system running from the Alberta border east to delivery points in eastern Canada and along the U.S. border	Energy Centre	Power Purchase Arrangement
Cartier Wind Energy Project	Five wind energy projects contracted by Hydro-Québec Distribution representing a total of 590 MW in the Gaspé region of Québec	PPA	
Chinook	A proposed 500 Kilovolt high voltage direct current transmission project, originating in Montana and extending 1,600 km to Nevada	Ravenswood	Ravenswood Generating Station, a natural gas and oil-fired generating facility located in Queens, New York
CO2	Carbon dioxide	RGGI	Regional Greenhouse Gas Initiative
Common Shares	Common shares of TransCanada	S&P	Standard and Poor's
Coolidge	Coolidge Generating Station	SEC	United States Securities and Exchange Commission
CSA	Canadian Securities Administrators	Series 1 Preferred Shares	Cumulative, redeemable, first preferred shares, series 1, of TransCanada
DBRS	DBRS Limited	Sheerness	A power plant consisting of two 390 MW coal-fired thermal powered generating units
EUB	Alberta Energy and Utilities Board	SIP&P	TransCanada's Statement of Investment Policies and Procedures
FEIS	Final Environment Impact Statement	Sundance	Two coal fired electrical generating facilities which produce 560 MW and 706 MW, respectively
FERC	Federal Energy Regulatory Commission (USA)	TCPL	TransCanada PipeLines Limited
Foothills System	A natural gas pipeline system in southeastern B.C., southern Alberta and southwestern Saskatchewan	TQM	Trans Québec & Maritimes Pipeline Inc.
GHG	Greenhouse gas	TransCanada or the Company	TransCanada Corporation
GTNC	Gas Transmission Northwest Corporation	TSX	Toronto Stock Exchange
GTN System	A natural gas transmission system running from northwestern Idaho, through Washington and Oregon to the California border	Tuscarora	Tuscarora Gas Transmission Company
Great Lakes	Great Lakes Gas Transmission Limited Partnership	Tuscarora System	A natural gas pipeline that runs from Oregon through northeast California to Reno, Nevada
Great Lakes System	A natural gas pipeline system in the north central U.S., roughly parallel to the Canada-U.S. Border	U.S.	United States
Horn River Project	A proposed 158 km (98 mile) pipeline to connect new shale gas supply in the Horn River basin north of Fort Nelson, B.C., to the Alberta System	WCI	Western Climate Initiative
HS&E	Health, Safety and Environment	Year End	December 31, 2009
IFRS	International Financial Reporting Standards	Zephyr	A proposed 500 Kilovolt high voltage direct current transmission project, originating in Wyoming and extending 1,760 km to Nevada

**SCHEDULE A****METRIC CONVERSION TABLE**

The conversion factors set out below are approximate factors. To convert from Metric to Imperial multiply by the factor indicated. To convert from Imperial to Metric divide by the factor indicated.

<b>Metric</b>	<b>Imperial</b>	<b>Factor</b>
Kilometres (km)	Miles	0.62
Millimetres	Inches	0.04
Gigajoules	Million British thermal units	0.95
Cubic metres*	Cubic feet	35.3
Kilopascals	Pounds per square inch	0.15
Degrees Celsius	Degrees Fahrenheit	to convert to Fahrenheit multiply by 1.8, then add 32 degrees; to convert to Celsius subtract 32 degrees, then divide by 1.8

\* The conversion is based on natural gas at a base pressure of 101.325 kilopascals and at a base temperature of 15 degrees Celsius.



**SCHEDULE B**

**CHARTER OF THE AUDIT COMMITTEE**

**1. Purpose**

The Audit Committee shall assist the Board of Directors (the Board) in overseeing and monitoring, among other things, the:

- Company's financial accounting and reporting process;
- integrity of the financial statements
- Company's internal control over financial reporting;
- external financial audit process;
- compliance by the Company with legal and regulatory requirements; and
- independence and performance of the Company's internal and external auditors.

To fulfill its purpose, the Audit Committee has been delegated certain authorities by the Board of Directors that it may exercise on behalf of the Board.

2. **Roles and Responsibilities**

*I. Appointment of the Company's External Auditors*

Subject to confirmation by the external auditors of their compliance with Canadian and U.S. regulatory registration requirements, the Audit Committee shall recommend to the Board the appointment of the external auditors, such appointment to be confirmed by the Company's shareholders at each annual meeting. The Audit Committee shall also recommend to the Board the compensation to be paid to the external auditors for audit services and shall pre-approve the retention of the external auditors for any permitted non-audit service and the fees for such service. The Audit Committee shall also be directly responsible for the oversight of the work of the external auditor (including resolution of disagreements between management and the external auditor regarding financial reporting) for the purpose of preparing or issuing an audit report or related work. The external auditor shall report directly to the Audit Committee

The Audit Committee shall also receive periodic reports from the external auditors regarding the auditors' independence, discuss such reports with the auditors, consider whether the provision of non-audit services is compatible with maintaining the auditors' independence and the Audit Committee shall take appropriate action to satisfy itself of the independence of the external auditors.

*II. Oversight in Respect of Financial Disclosure*

The Audit Committee, to the extent it deems it necessary or appropriate, shall:

(a) review, discuss with management and the external auditors and recommend to the Board for approval, the Company's audited annual financial statements, annual information form including management discussion and analysis, all financial statements in prospectuses and other offering memoranda, financial statements required by regulatory authorities, all prospectuses and all documents which may be incorporated by reference into a prospectus, including without limitation, the annual proxy circular, but excluding any pricing supplements issued under a medium term note prospectus supplement of the Company;

(b) review, discuss with management and the external auditors and recommend to the Board for approval the release to the public of the Company's interim reports, including the financial statements, management discussion and analysis and press releases on quarterly financial results;

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(c) review and discuss with management and external auditors the use of pro forma or adjusted non-GAAP information and the applicable reconciliation;

(d) review and discuss with management and external auditors financial information and earnings guidance provided to analysts and rating agencies; provided, however, that such discussion may be done generally (consisting of discussing the types of information to be disclosed and the types of presentations to be made). The Audit Committee need not discuss in advance each instance in which the Company may provide earnings guidance or presentations to rating agencies;

(e) review with management and the external auditors major issues regarding accounting and auditing principles and practices, including any significant changes in the Company's selection or application of accounting principles, as well as major issues as to the adequacy of the Company's internal controls and any special audit steps adopted in light of material control deficiencies that could significantly affect the Company's financial statements;

(f) review and discuss quarterly reports from the external auditors on:

(i) all critical accounting policies and practices to be used;

(ii) all alternative treatments of financial information within generally accepted accounting principles that have been discussed with management, ramifications of the use of such alternative disclosures and treatments, and the treatment preferred by the external auditor;

(iii) other material written communications between the external auditor and management, such as any management letter or schedule of unadjusted differences;

(g) review with management and the external auditors the effect of regulatory and accounting initiatives as well as off-balance sheet structures on the Company's financial statements;

(h) review with management, the external auditors and, if necessary, legal counsel, any litigation, claim or contingency, including tax assessments, that could have a material effect upon the financial position of the Company, and the manner in which these matters have been disclosed in the financial statements;

(i) review disclosures made to the Audit Committee by the Company's CEO and CFO during their certification process for the periodic reports filed with securities regulators about any significant deficiencies in the design or operation of internal controls or material weaknesses therein and any fraud involving management or other employees who have a significant role in the Company's internal controls;

(j) discuss with management the Company's material financial risk exposures and the steps management has taken to monitor and control such exposures, including the Company's risk assessment and risk management policies;

**III. Oversight in Respect of Legal and Regulatory Matters**

(a) review with the Company's General Counsel legal matters that may have a material impact on the financial statements, the Company's compliance policies and any material reports or inquiries received from regulators or governmental agencies.

**IV. Oversight in Respect of Internal Audit**

(a) review the audit plans of the internal auditors of the Company including the degree of coordination between such plan and that of the external auditors and the extent to which the planned audit scope can be relied upon to detect weaknesses in internal control, fraud or other illegal acts;

(b) review the significant findings prepared by the internal auditing department and recommendations issued by the Company or by any external party relating to internal audit issues, together with management's response thereto;

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- (c) review compliance with the Company's policies and avoidance of conflicts of interest;
  
- (d) review the adequacy of the resources of the internal auditor to ensure the objectivity and independence of the internal audit function, including reports from the internal audit department on its audit process with associates and affiliates;
  
- (e) ensure the internal auditor has access to the Chair of the Audit Committee and of the Board and to the Chief Executive Officer and meet separately with the internal auditor to review with him any problems or difficulties he may have encountered and specifically:
  - (i) any difficulties which were encountered in the course of the audit work, including restrictions on the scope of activities or access to required information, and any disagreements with management;
  
  - (ii) any changes required in the planned scope of the internal audit; and
  
  - (iii) the internal audit department responsibilities, budget and staffing;

and to report to the Board on such meetings;

**V. *Insight in Respect of the External Auditors***

- (a) review the annual post-audit or management letter from the external auditors and management's response and follow-up in respect of any identified weakness, inquire regularly of management and the external auditors of any significant issues between them and how they have been resolved, and intervene in the resolution if required;
  
- (b) review the quarterly unaudited financial statements with the external auditors and receive and review the review engagement reports of external auditors on unaudited financial statements of the Company;

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(c) receive and review annually the external auditors' formal written statement of independence delineating all relationships between itself and the Company;

(d) meet separately with the external auditors to review with them any problems or difficulties the external auditors may have encountered and specifically:

(i) any difficulties which were encountered in the course of the audit work, including any restrictions on the scope of activities or access to required information, and any disagreements with management; and

(ii) any changes required in the planned scope of the audit;

and to report to the Board on such meetings;

(e) review with the external auditors the adequacy and appropriateness of the accounting policies used in preparation of the financial statements;

(f) meet with the external auditors prior to the audit to review the planning and staffing of the audit;

(g) receive and review annually the external auditors' written report on their own internal quality control procedures; any material issues raised by the most recent internal quality control review, or peer review, of the external auditors, or by any inquiry or investigation by governmental or professional authorities, within the preceding five years, and any steps taken to deal with such issues;

(h) review and evaluate the external auditors, including the lead partner of the external auditor team;

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(i) ensure the rotation of the lead (or coordinating) audit partner having primary responsibility for the audit and the audit partner responsible for reviewing the audit as required by law, but at least every five years;

**VI. Oversight in Respect of Audit and Non-Audit Services**

(a) pre-approve all audit services (which may entail providing comfort letters in connection with securities underwritings) and all permitted non-audit services, other than non-audit services where:

(i) the aggregate amount of all such non-audit services provided to the Company constitutes not more than 5% of the total fees paid by the Company and its subsidiaries to the external auditor during the fiscal year in which the non-audit services are provided;

(ii) such services were not recognized by the Company at the time of the engagement to be non-audit services; and

(iii) such services are promptly brought to the attention of the Audit Committee and approved prior to the completion of the audit by the Audit Committee or by one or more members of the Audit Committee to whom authority to grant such approvals has been delegated by the Audit Committee;

(b) approval by the Audit Committee of a non-audit service to be performed by the external auditor shall be disclosed as required under securities laws and regulations;

(c) the Audit Committee may delegate to one or more designated members of the Audit Committee the authority to grant pre-approvals required by this subsection. The decisions of any member to whom authority is delegated to pre-approve an activity shall be presented to the Audit Committee at its first scheduled meeting following such pre-approval;

(d) if the Audit Committee approves an audit service within the scope of the engagement of the external auditor, such audit service shall be deemed to have been pre-approved for purposes of this subsection;

**VII. Oversight in Respect of Certain Policies**

- (a) review and recommend to the Board for approval the implementation and amendments to policies and program initiatives deemed advisable by management or the Audit Committee with respect to the Company's codes of business ethics and Risk Management and Financial Reporting policies;
  
  - (b) obtain reports from management, the Company's senior internal auditing executive and the external auditors and report to the Board on the status and adequacy of the Company's efforts to ensure its businesses are conducted and its facilities are operated in an ethical, legally compliant and socially responsible manner, in accordance with the Company's codes of business conduct and ethics;
  
  - (c) establish a non-traceable, confidential and anonymous system by which callers may ask for advice or report any ethical or financial concern, ensure that procedures for the receipt, retention and treatment of complaints in respect of accounting, internal controls and auditing matters are in place, and receive reports on such matters as necessary;
  
  - (d) annually review and assess the adequacy of the Company's public disclosure policy;
  
  - (e) review and approve the Company's hiring policies for partners, employees and former partners and employees of the present and former external auditors (recognizing the Sarbanes-Oxley Act of 2002 does not permit the CEO, controller, CFO or chief accounting officer to have participated in the Company's audit as an employee of the external auditors during the preceding one-year period) and monitor the Company's adherence to the policy;
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**VIII. Oversight in Respect of Financial Aspects of the Company's Pension Plans, specifically:**

- (a) provide advice to the Human Resources Committee on any proposed changes in the Company's pension plans in respect of any significant effect such changes may have on pension financial matters;
- (b) review and consider financial and investment reports and the funded status relating to the Company's pension plans and recommend to the Board on pension contributions;
- (c) receive, review and report to the Board on the actuarial valuation and funding requirements for the Company's pension plans;
- (d) review and approve annually the Statement of Investment Policies and Procedures ( SIP&P );
- (e) approve the appointment or termination of auditors and investment managers;

**IX. Oversight in Respect of Internal Administration**

- (a) review annually the reports of the Company's representatives on certain audit committees of subsidiaries and affiliates of the Company and any significant issues and auditor recommendations concerning such subsidiaries and affiliates;
- (b) review the succession plans in respect of the Chief Financial Officer, the Vice President, Risk Management and the Director, Internal Audit;
- (c) review and approve the policy and guidelines for the Company's hiring of partners, employees and former partners and employees of the external auditors who were engaged on the Company's account;

**X. *Oversight Function***

While the Audit Committee has the responsibilities and powers set forth in this Charter, it is not the duty of the Audit Committee to plan or conduct audits or to determine that the Company's financial statements and disclosures are complete and accurate or are in accordance with generally accepted accounting principles and applicable rules and regulations. These are the responsibilities of management and the external auditors. The Audit Committee, its Chair and any of its members who have accounting or related financial management experience or expertise, are members of the Board, appointed to the Audit Committee to provide broad oversight of the financial disclosure, financial risk and control related activities of the Company, and are specifically not accountable nor responsible for the day to day operation of such activities. Although designation of a member or members as an audit committee financial expert is based on that individual's education and experience, which that individual will bring to bear in carrying out his or her duties on the Audit Committee, designation as an audit committee financial expert does not impose on such person any duties, obligations or liability that are greater than the duties, obligations and liability imposed on such person as a member of the Audit Committee and Board in the absence of such designation. Rather, the role of any audit committee financial expert, like the role of all Audit Committee members, is to oversee the process and not to certify or guarantee the internal or external audit of the Company's financial information or public disclosure.

**3. Composition of Audit Committee**

The Audit Committee shall consist of three or more Directors, a majority of whom are resident Canadians (as defined in the Canada Business Corporations Act), and all of whom are unrelated and/or independent for the purposes of applicable Canadian and United States securities law and applicable rules of any stock exchange on which the Company's shares are listed. Each member of the Audit Committee shall be financially literate and at least one member shall have accounting or related financial management expertise (as those terms are defined from time to time under the requirements or guidelines for audit committee service under securities laws and the applicable rules of any stock exchange on which the Company's securities are listed for trading or, if it is not so defined as that term is interpreted by the Board in its business judgment).

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**4. Appointment of Audit Committee Members**

The members of the Audit Committee shall be appointed by the Board from time to time, on the recommendation of the Governance Committee and shall hold office until the next annual meeting of shareholders or until their successors are earlier appointed or until they cease to be Directors of the Company.

**5. Vacancies**

Where a vacancy occurs at any time in the membership of the Audit Committee, it may be filled by the Board on the recommendation of the Governance Committee.

**6. Audit Committee Chair**

The Board shall appoint a Chair of the Audit Committee who shall:

- (a) review and approve the agenda for each meeting of the Audit Committee and as appropriate, consult with members of management;
- (b) preside over meetings of the Audit Committee;
- (c) make suggestions and provide feedback from the Audit Committee to management regarding information that is or should be provided to the Audit Committee;
- (d) report to the Board on the activities of the Audit Committee relative to its recommendations, resolutions, actions and concerns; and
- (e) meet as necessary with the internal and external auditors.

**7. Absence of Audit Committee Chair**

If the Chair of the Audit Committee is not present at any meeting of the Audit Committee, one of the other members of the Audit Committee present at the meeting shall be chosen by the Audit Committee to preside at the meeting.

**8. Secretary of Audit Committee**

The Corporate Secretary shall act as Secretary to the Audit Committee.

**9. Meetings**

The Chair, or any two members of the Audit Committee, or the internal auditor, or the external auditors, may call a meeting of the Audit Committee. The Audit Committee shall meet at least quarterly. The Audit Committee shall meet periodically with management, the internal auditors and the external auditors in separate executive sessions.

**10. Quorum**

A majority of the members of the Audit Committee, present in person or by telephone or other telecommunication device that permit all persons participating in the meeting to speak to each other, shall constitute a quorum.

**11. Notice of Meetings**

Notice of the time and place of every meeting shall be given in writing or facsimile communication to each member of the Audit Committee at least 24 hours prior to the time fixed for such meeting; provided, however, that a member may in any manner waive a notice of a meeting. Attendance of a member at a meeting is a waiver of notice of the meeting, except where a member attends a meeting for the express purpose of objecting to the transaction of any business on the grounds that the meeting is not lawfully called.

**12. Attendance of Company Officers and Employees at Meeting**

At the invitation of the Chair of the Audit Committee, one or more officers or employees of the Company may attend any meeting of the Audit Committee.



**13. Procedure, Records and Reporting**

The Audit Committee shall fix its own procedure at meetings, keep records of its proceedings and report to the Board when the Audit Committee may deem appropriate but not later than the next meeting of the Board.

**14. Review of Charter and Evaluation of Audit Committee**

The Audit Committee shall review its Charter annually or otherwise, as it deems appropriate, and if necessary propose changes to the Governance Committee and the Board. The Audit Committee shall annually review the Audit Committee's own performance.

**15. Outside Experts and Advisors**

The Audit Committee is authorized, when deemed necessary or desirable, to retain and set and pay the compensation for independent counsel, outside experts and other advisors, at the Company's expense, to advise the Audit Committee or its members independently on any matter.

**16. Reliance**

Absent actual knowledge to the contrary (which shall be promptly reported to the Board), each member of the Audit Committee shall be entitled to rely on (i) the integrity of those persons or organizations within and outside the Company from which it receives information, (ii) the accuracy of the financial and other information provided to the Audit Committee by such persons or organizations and (iii) representations made by Management and the external auditors, as to any information technology, internal audit and other non-audit services provided by the external auditors to the Company and its subsidiaries.

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## Financial Highlights

<i>Year ended December 31</i>					
<i>(millions of dollars)</i>	<b>2009</b>	2008	2007	2006	2005
<b>Income</b>					
Net income applicable to common shares					
Continuing operations	<b>1,374</b>	1,440	1,223	1,051	1,209
Discontinued operations				28	
	<b>1,374</b>	1,440	1,223	1,079	1,209
<b>Cash Flow</b>					
Funds generated from operations	<b>3,080</b>	3,021	2,621	2,378	1,951
(Increase)/decrease in operating working capital	<b>(90)</b>	135	63	(506)	78
Net cash provided by operations	<b>2,990</b>	3,156	2,684	1,872	2,029
Capital expenditures and acquisitions	<b>6,319</b>	6,363	5,874	2,042	2,071



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**Balance Sheet**

Total assets	<b>43,841</b>	39,414	30,330	25,909	24,113
Long-term debt	<b>16,186</b>	15,368	12,377	10,887	9,640
Junior subordinated notes	<b>1,036</b>	1,213	975		
Preferred shares	<b>539</b>				
Common shareholders' equity	<b>15,220</b>	12,898	9,785	7,701	7,206

*Common Share Statistics*

<i>Year ended December 31</i>	<b>2009</b>	2008	2007	2006	2005
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Net income per share Basic

Continuing operations	<b>\$2.11</b>	\$2.53	\$2.31	\$2.15	\$2.49
Discontinued operations				0.06	

	<b>\$2.11</b>	\$2.53	\$2.31	\$2.21	\$2.49
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Net income per share Diluted

Continuing operations	<b>\$2.11</b>	\$2.52	\$2.30	\$2.14	\$2.47
Discontinued operations				0.06	

	<b>\$2.11</b>	\$2.52	\$2.30	\$2.20	\$2.47
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Dividends declared per share

	<b>\$1.52</b>	\$1.44	\$1.36	\$1.28	\$1.22
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Common shares outstanding (millions)

Average for the year	<b>651.8</b>	569.6	529.9	488.0	486.2
End of year	<b>684.4</b>	616.5	539.8	489.0	487.2

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## Chairman's Message

2009 was an interesting year; the global economy was in turmoil and most companies were unable to raise the money they needed to fund their businesses. Yet in the midst of such a severe financial crisis, TransCanada demonstrated its inherent financial strength by continuing to raise the capital necessary to invest in its future.

It started in January with the issuance of US\$2 billion in the debt capital markets, followed weeks later by another \$700 million in the Canadian market. This set the stage for the rest of the year. In total, TransCanada raised approximately \$6 billion in debt and equity in 2009 – money used to finance TransCanada's ongoing \$22 billion capital program – a program our leadership is committed to moving forward.

Investing in the future today, however, has had an impact. The tools we used to raise the necessary capital affected our short-term earnings per share along with our share price, but we felt it prudent not to deviate from our long-term growth strategy – a strategy that we are confident will generate significant shareholder value in the years to come.

The crown jewel of TransCanada's capital program is Keystone – the oil pipeline TransCanada now owns outright, having acquired the remaining interest in the project from ConocoPhillips. As well, our energy business continued to grow in 2009 as the Portlands Energy Centre in Toronto began operations, construction began or continued on new generation facilities in Ontario and Arizona and wind turbines started producing clean energy in Maine thanks to our Kibby project.

The ability to execute this slate of projects is a true measure of the capabilities of TransCanada.

As the construction is completed and the projects move to operations over the next couple of years, the contribution to earnings from these new assets will be meaningful. This strong financial and operating performance and prudent, sustained growth will lead to positive returns for our shareholders.

With that in mind, in February 2010, the Board approved an increase in the dividend on common shares for the tenth consecutive year. The new quarterly rate of \$0.40 per common share or \$1.60 annually, is a five per cent increase over the previous amount. A three per cent discount on common shares issued from treasury under our dividend reinvestment plan will also continue. This plan allows common and preferred shareholders to purchase additional common shares by reinvesting their cash dividends.

TransCanada's Board of Directors clearly understands its corporate governance role and we are honoured to be recognized among the top performers in this country. There are an increasing number of issues that require dialogue with shareholders and, as always, we look forward to that exchange. We also believe our executive leadership and our employees must remain focused on the long-term – not just on short-term performance. Our shareholders should expect nothing less.

I will close by thanking those who helped ensure this was another successful year for our company – TransCanada's executive leadership team and the 4,000 men

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and women who exemplify each and every day the values that form the foundation of our success; responsibility, integrity, innovation and collaboration. They should all be proud of their accomplishments.

On behalf of the Board of Directors;

**S. Barry Jackson**

**2** CHAIRMAN'S MESSAGE

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**Letter  
to  
Shareholders**

We are in the midst of the most dramatic growth period in TransCanada's history. And with growth comes results. We expect our earnings before interest, taxes, depreciation and amortization to increase by 60 per cent over the next five years. And by investing in TransCanada, you receive a strong, attractive dividend as we continue to strive toward our goal of becoming the leading energy infrastructure company in North America.

It will take a sound, strategic approach to achieve this goal – a strategy rooted in the philosophy of our past successes and one that embraces innovation as we move forward – all the while keeping our focus on the fundamentals to ensure long-lasting success.

*TransCanada produced strong financial results in 2009 despite difficult times in the North American economy.*

*Today, we are nearly half-way through an unprecedented \$22 billion capital program – a program that continues to progress as planned.*

*To finance our capital program, TransCanada chose a prudent path. Rather than compromise our strong financial position, we issued a combination of debt and equity to fund our projects.*

*Our work is not done. We remain focused on carefully executing our capital program – while we cultivate the very best suite of long-term opportunities in the industry.*

In 2009, TransCanada continued to deliver strong financial and operating results. Net income applicable to common shares totalled \$1.4 billion or \$2.11 per share. Comparable earnings<sup>(1)</sup> were \$1.3 billion or \$2.03 per share. Funds generated from operations<sup>(1)</sup> increased to a record \$3.1 billion on the strength of our diverse portfolio of North American energy infrastructure assets. Strong results in a difficult economic environment.

Over the past 10 years we have constructed and acquired approximately \$20 billion in stable, value-creating pipeline and energy infrastructure assets. These investments have transformed TransCanada into the industry leader it is today.

Our investments have been both large and profitable. Since 1999, comparable earnings per share<sup>(1)</sup> have almost doubled from \$1.08 in 1999 to \$2.03 in 2009. Over that same timeframe, funds generated from operations<sup>(1)</sup> have tripled from \$1.0 billion in 1999 to \$3.1 billion in 2009.

Looking forward, we expect that our current \$22 billion capital program will lead to another period of sustained growth in earnings, cash flow and dividends as a number of attractive, low-risk projects are placed in service over the next five years.

This enabled our Board of Directors to increase the dividend on common shares for the tenth consecutive year in February 2010. Most recently, we increased the dividend to \$1.60 per share on an annualized basis, an increase of five per cent over 2009. Our Board of Directors also approved the issuance of common shares from treasury at a three per cent discount under our Dividend Reinvestment Plan. This provides shareholders with an opportunity to participate in the future growth of the company by reinvesting their dividends in additional common shares.



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Energy infrastructure is a long-cycle, capital intensive business. To be successful we must maintain a strong financial position and significant liquidity. This will help ensure we have the ability to endure turbulent economic times.

Our strong access to the capital markets allowed TransCanada to raise approximately \$6 billion in 2009, including \$1.8 billion of common equity. While this will have an impact on our reported earnings per share in the near-term, it also gives us the financial flexibility needed to fund the remainder of our existing capital program.

By raising the necessary capital, TransCanada was able to continue to advance projects such as Keystone – an oil pipeline system that will be one of the largest in North America. Our company also purchased ConocoPhillips' remaining interest in the project, making us the sole owner. We are now looking forward to delivering crude oil to refineries in Illinois later this year.

For the first time in the 30-year history of efforts to develop Alaska's North Slope gas resources, a plan has been filed with the U.S. Federal Energy Regulatory Commission (FERC) seeking approval to hold an open season.

The plan was submitted by TransCanada and ExxonMobil. The Alaska Pipeline Project provides the best opportunity for success to bring up to 4.5 billion cubic feet per day (Bcf/d) of natural gas to market.

In December 2009, the Joint Review Panel released its report on the proposed Mackenzie Gas Pipeline Project. The panel felt the project 'would deliver valuable and lasting overall benefits' and concluded it should go forward. We will continue to work with the Canadian Government and the other project proponents in the hope that Mackenzie becomes a reality.

Our North Central Corridor expansion is closing in on an important milestone, with construction expected to be completed in the second quarter of 2010. This 300 kilometre pipeline will help to optimize gas flows on the Alberta System and is also expected to reduce fuel consumption by 50 per cent, saving shippers \$50 million to \$75 million a year.

We were pleased with the news the National Energy Board (NEB) determined the Alberta System is within federal jurisdiction and would be regulated by the NEB. This will allow us to extend our pipeline across provincial borders and provide more competitive transportation options to producers.

Shale gas plays have received considerable attention this past year. Our vast pipeline network is well positioned to connect these new sources of supply to growing markets. This was evident by our successful open season for the Groundbirch pipeline in northeast British Columbia. Contracts for approximately 1.1 Bcf/d complement contracts on the nearby Horn River line of 503 million cubic feet per day (mmcf/d).

Further south, we are anticipating FERC approval for our Bison project. The 487 kilometre natural gas pipeline is expected to be operational in the fourth quarter of this year, linking a growing supply of natural gas in the U.S. Rockies to U.S. Midwest markets.

In Mexico, we were awarded a 25-year contract to build a pipeline that takes gas from an LNG terminal under construction in Manzanillo on to Guadalajara, a distance of 305 kilometres. The line is expected to be operational in 2011.

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Our company now owns or has interests in 20 power plants in Canada and the United States, capable of generating 11,700 megawatts (MW) of power enough capacity to power nearly 12 million homes.

We were pleased last spring as the 550 MW Portlands Energy Centre began operations. Capable of supplying 25 per cent of Toronto's electrical needs, the plant was placed in service on time and under budget. TransCanada is a 50 per cent owner.

Another of our key projects that began operations in 2009 was the first phase of the Kibby wind project in Maine. Twenty-two of the 44 turbines are producing clean energy. The remainder of the turbines should be operational later this year. When completed the project will be capable of powering approximately 50,000 homes.

North of the border, construction continues on the largest wind power project in Canada. Three of the five wind farms that make up the Cartier project are producing energy. TransCanada is a 62 per cent owner.

Work continues at Bruce Power on the refurbishment and restart of Units 1 and 2. This work at North America's largest power plant is expected to be complete in 2011. Our presence in the Ontario power market will be further strengthened as the Halton Hills generating station outside of Toronto begins operations in 2010 and we continue to advance the Oakville power project a 900 MW facility for which TransCanada was awarded the contract to build, own and operate.

Finally, we began construction on yet another power facility in the summer of 2009 a 575 MW power project in Arizona the Coolidge generating station.

TransCanada is focused on growth opportunities where we have or can develop a significant competitive advantage. As with all of our projects, our goal is to complete them safely, on time and on budget. By applying our extensive project development and execution capabilities to these projects, along with our strong operating and commercial expertise, we will set the stage for long-term growth and value creation.

It is the women and men the 4,000 employees we have throughout North America who are responsible for our success. Their passion fuels our innovation, their talents drive our achievements, their dedication delivers results. For that and much more, I offer my thanks.

We are a company that focuses on the long term but it all starts with year one maximizing performance, progressing and completing major projects in a prudent and disciplined fashion, while looking to the future turning vision into a valued reality.

**Hal Kvisle**  
President and Chief Executive Officer

<sup>(1)</sup> Non-GAAP measure that does not have any standardized meaning prescribed by generally accepted accounting principles (GAAP). For more information on non-GAAP measures see page 16 in the Management's Discussion and Analysis of the 2009 Annual Report.

LETTER TO SHAREHOLDERS 5

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*Management's Discussion and Analysis (MD&A) dated February 22, 2010 should be read in conjunction with the accompanying audited Consolidated Financial Statements of TransCanada Corporation (TransCanada or the Company) and the notes thereto for the year ended December 31, 2009 which are prepared in accordance with Canadian generally accepted accounting principles (GAAP). This MD&A covers TransCanada's financial position and operations as at and for the year ended December 31, 2009. "TransCanada" or "the Company" includes TransCanada Corporation and its subsidiaries unless otherwise indicated. Amounts are stated in Canadian dollars unless otherwise indicated. Abbreviations and acronyms not defined in this MD&A are defined in the Glossary of Terms in the Company's 2009 Annual Report.*

### TRANSCANADA OVERVIEW

At December 31, 2009, TransCanada had completed approximately \$10 billion of its \$22 billion capital program. Upon completion of this program, these assets are expected to generate additional annual earnings before interest, taxes, depreciation and amortization (EBITDA) of approximately \$2.5 billion. The Company expects to complete most of the projects in its capital growth program by the end of 2013. Over the longer term, TransCanada intends to continue to develop its substantial asset portfolio and pursue other large-scale pipeline and energy infrastructure projects. TransCanada is committed to maintaining the financial strength required to invest in the development of North American energy infrastructure and respond to shifting energy supply-demand dynamics.

#### *TransCanada's 2009 Key Accomplishments*

Acquired ConocoPhillips' remaining interest in Keystone, increasing TransCanada's ownership to 100 per cent;

completed the first phase of construction of Keystone to Wood River and Patoka, Illinois;

entered into an arrangement with ExxonMobil to jointly develop the Alaska pipeline and, in January 2010, filed a plan to obtain approval to conduct the first natural gas pipeline open season to develop Alaska's vast natural gas resources;

Portlands Energy and the first phase of Kibby Wind were placed into service; and

issued approximately \$6 billion of debt and equity during a challenging North American economic environment.

#### *Pipelines Assets*

The TransCanada pipeline network, including assets under construction and development, consists of more than 60,000 kilometres (km) (37,000 miles) of wholly owned and 8,800 km (5,468 miles) of partially owned natural gas pipelines and transports 20 per cent of the natural gas consumed in North America. TransCanada's natural gas pipelines link gas supplies from Western Canada, the United States (U.S.) mid-continent and Gulf of Mexico to premium North American markets. These assets are well positioned to connect emerging natural gas supplies, including northern gas, northeastern British Columbia (B.C.) and U.S. shale gas, Rocky Mountain gas and offshore liquefied natural gas (LNG) imports, to growing markets.

TransCanada's Alberta System gathered 66 per cent of the natural gas produced in Western Canada or 14 per cent of total North American production in 2009. TransCanada transports natural gas from the Western Canada Sedimentary Basin (WCSB) to Eastern Canada and the U.S. West, Midwest, and Northeast through three wholly owned pipeline systems: the Canadian Mainline, GTN and Foothills. TransCanada also transports natural gas from the WCSB to Eastern Canada and to the U.S. West, Midwest and Northeast through six partially owned natural gas pipeline systems: Great Lakes, Iroquois, Portland, TQM, Northern Border and Tuscarora. Certain of these pipeline systems are held through the Company's 38.2 per cent interest in TC PipeLines, LP (PipeLines LP).

ANR transports natural gas from producing fields located primarily in Texas, Oklahoma, the Gulf of Mexico and Louisiana to markets located in Wisconsin, Michigan, Illinois, Ohio and Indiana. It also connects with numerous other natural gas pipelines, providing customers with access to diverse sources of North American supply, including Western Canada and the Rocky Mountain region, and to a variety of end-user markets in the midwestern and northeastern U.S. ANR owns and operates 250 billion cubic feet (Bcf) of regulated natural gas storage capacity in Michigan. TransCanada also serves natural gas markets in Mexico through its Tamazunchale and North Baja pipelines, and will expand service to markets in Mexico with the Guadalajara pipeline which is under construction.

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In addition, TransCanada is constructing the approximately 6,200 km (3,853 miles) Keystone crude oil pipeline. Keystone is expected to transport 1.1 million barrels per day (Bbl/d) of crude oil from Hardisty, Alberta to U.S. Midwest markets at Wood River and Patoka, Illinois, and to Cushing, Oklahoma, and to U.S. Gulf Coast markets. The pipeline will provide a low-cost shipping option to customers and is supported by long-term contracts with creditworthy counterparties. The first phase of Keystone, which is to Wood River and Patoka, is expected to commence delivery of crude oil in mid-2010 with the remaining phases expected to commence service in first quarter 2011 and first quarter 2013. In the medium to long term, opportunities for further additions to Keystone would expand the pipeline's transport capacity to 1.5 million Bbl/d from 1.1 million Bbl/d.

### *Energy Assets*

TransCanada's Energy business has grown to more than 11,700 megawatts (MW) in 2009 from 754 MW in 1999, including assets under construction and development. The Company's diverse power generation portfolio of primarily low-cost, base load and long-term contracted facilities comprises a total of 20 plants in Alberta, Arizona, Eastern Canada, New England and New York City.

TransCanada's Western Power business comprises approximately 2,600 MW of power supply in Alberta and the western U.S. The Western Power portfolio in Alberta consists of three long-term power purchase arrangements (PPA): the Sheerness and Sundance A and B coal-fired plants, and five natural gas-fired cogeneration facilities consisting of MacKay River, Carseland, Bear Creek, Redwater and Cancarb. The Sundance A PPA expires in 2017 and the Sundance B and Sheerness PPAs expire in 2020. The other power facility in the Western Power portfolio is Coolidge, a natural gas-fired peaking facility under construction in Arizona whose output will be sold under a 20 year PPA. Coolidge is expected to be in service in second quarter 2011. Western Power's marketing business serves an integral function by purchasing and reselling electricity and natural gas to maximize the return from the Western Power assets.

The Eastern Power business is comprised of approximately 2,900 MW of power generation capacity, including facilities under construction. Eastern Power's operating assets consist of Bécancour, three of five Cartier Wind farms, Portlands Energy and Grandview. Power from Bécancour and Cartier Wind is sold to Hydro-Québec through 20 year power purchase contracts. Output from the Portlands Energy and Grandview facilities is sold through 20 year contracts with the Ontario Power Authority (OPA) and Irving Oil Limited (Irving), respectively. Halton Hills and the remaining two Cartier Wind farms which are under construction are expected to be in service in 2010, 2011 and 2012, respectively. Oakville, which is currently under development, is expected to be in service in first quarter 2014. Once operational, Oakville and Halton Hills will sell power to the OPA through 20 year contracts and the remaining two Cartier Wind farms will sell power to Hydro-Québec through 20 year contracts.

TransCanada has a 48.8 per cent interest in Bruce A and a 31.6 per cent interest in Bruce B, which together comprise the Bruce Power nuclear generating facility. Bruce A has four 750 MW reactors, two of which are being refurbished, and Bruce B has four operational reactors with a combined capacity of 3,200 MW. Through a contract with the OPA, all of the output from Bruce A is effectively sold at a fixed price and the output from Bruce B is subject to a floor price.

TransCanada's U.S. Power assets have approximately 3,800 MW of power generation capacity, including facilities under construction. The operating assets in the U.S. Power portfolio consist of Ravenswood, TC Hydro, OSP and phase one of Kibby Wind. Phase two of Kibby Wind is under construction and is expected to be placed into service in third quarter 2010. U.S. Power sells power to wholesale, commercial and industrial customers through TransCanada Power Marketing Ltd. (TCPM), a wholly owned subsidiary of TransCanada.

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The accompanying graph illustrates each fuel source as a percentage of the Company's overall Energy portfolio:

TransCanada has developed a significant non-regulated natural gas storage business in Alberta where the Company owns or has rights to 129 Bcf or approximately one-third of natural gas storage capacity in the province.

### TRANSCANADA'S STRATEGY

TransCanada's vision is to be the leading energy infrastructure company in North America, focusing on pipelines and power generation opportunities in regions where it has or can develop a significant competitive advantage. TransCanada's key strategies continue to evolve with the Company's growth and development and its changing business environment. TransCanada's corporate strategy integrates five fundamental value-creating activities:

1. Maximize the full-life value of TransCanada's infrastructure assets and commercial positions
2. Cultivate a focused portfolio of high quality development options
3. Commercially develop and physically execute new asset investment programs
4. Maximize TransCanada's competitive strengths
5. Maximize TransCanada's reputation and standing in financial markets

#### *Maximize the full-life value of TransCanada's infrastructure assets and commercial positions*

TransCanada relies on a low-risk business model to maximize the full-life value of its existing assets and commercial positions. In Pipelines, large scale natural gas and crude oil pipelines connect long life supply basins with stable and growing markets, generating predictable, sustainable cash flows and earnings of a long term nature. In Energy, highly efficient large scale power generation facilities supply power markets through long term power purchase and sale agreements and low-volatility shorter term commercial arrangements. TransCanada's growing investments in natural gas, nuclear, wind and hydro generating facilities demonstrate the Company's commitment to sustainable, clean energy. Long-life infrastructure assets and long term commercial arrangements will continue as cornerstones of TransCanada's business model.

#### *Cultivate a focused portfolio of high quality development options*

The Company's core regions within North America are the primary focus of growth initiatives in Pipelines and Energy. TransCanada will continue to pursue opportunities to connect long-life shale and conventional gas resources in western Canada, northern Canada, Alaska, U.S. Rockies, U.S. midcontinent and Gulf Coast supply regions. TransCanada will continue to pursue opportunities to connect growing crude oil volumes from the Alberta oilsands to preferred North American markets. The Company will continue to assess pipeline acquisition opportunities that complement its existing pipeline networks and provide access to new supply and market regions. In Energy, the Company will continue to focus on low-cost, long-life base load power generating and natural gas storage assets supported by firm, long-term contracts with reputable counterparties. Selected opportunities will move forward to full development and construction when market conditions are appropriate and project risks are manageable.

#### *Commercially develop and physically execute new asset investment programs*

TransCanada expects to substantially complete construction of assets under its current \$22 billion capital program by the end of 2013. The Company is focused on completing its capital projects on time and on budget, enabling it to meet commitments to customers and to deliver attractive, long-term returns to shareholders. The current capital program is characterized by highly contracted, long-term revenue streams with limited exposure to commodity prices.



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Capital cost risks are managed by TransCanada's strong and experienced project management teams and industry-leading project management practices.

### *Maximize TransCanada's competitive strengths*

TransCanada continues to build competitive strength in areas that directly drive long-term shareholder value. The Company relies on its scale, presence, operating capabilities, strong leadership and capable teams to compete effectively and deliver outstanding value to its customers. A disciplined approach to capital investment combined with a low cost of capital allows the Company to create significant shareholder value from large capital projects. TransCanada recognizes that constructive relationships with key customers and stakeholders are critically important in the long-term energy infrastructure business. The Company continues to identify and build on all aspects of competitive strength.

### *Maximize TransCanada's reputation and standing in financial markets*

TransCanada values its reputation for consistent financial performance and long term financial stability. The Company clearly communicates its financial performance to equity and debt investors, providing insight into both value upside and business risks. The Company works to sustain the trust and support of its long-term investors and to attract new investors who see long term value in a disciplined approach to the energy infrastructure business.

**CONSOLIDATED FINANCIAL REVIEW****SELECTED THREE YEAR CONSOLIDATED FINANCIAL DATA***(millions of dollars, except per share amounts)*

	<b>2009</b>	2008	2007
<b>Income Statement</b>			
Revenues	<b>8,966</b>	8,619	8,828
Comparable EBITDA <sup>(1)</sup>	<b>4,107</b>	4,125	3,919
Comparable EBIT <sup>(1)</sup>	<b>2,730</b>	2,878	2,682
EBIT <sup>(1)</sup>	<b>2,760</b>	3,133	2,708
Net income	<b>1,380</b>	1,440	1,223
Preferred share dividends	<b>6</b>		
Net income applicable to common shares	<b>1,374</b>	1,440	1,223
Comparable earnings <sup>(1)</sup>	<b>1,325</b>	1,279	1,100
<b>Per Common Share Data</b>			
Net income per share			
Basic	<b>\$2.11</b>	\$2.53	\$2.31
Diluted	<b>\$2.11</b>	\$2.52	\$2.30
Comparable earnings per share <sup>(1)</sup>	<b>\$2.03</b>	\$2.25	\$2.08
Dividends declared per share	<b>\$1.52</b>	\$1.44	\$1.36
<b>Cash Flows</b>			
Funds generated from operations <sup>(1)</sup>	<b>3,080</b>	3,021	2,621
(Increase)/decrease in operating working capital	<b>(90)</b>	135	63
Net cash provided by operations	<b>2,990</b>	3,156	2,684
Capital expenditures	<b>5,417</b>	3,134	1,651
Acquisitions, net of cash acquired	<b>902</b>	3,229	4,223
<b>Balance Sheet</b>			
Total assets	<b>43,841</b>	39,414	30,330
Total long-term liabilities	<b>21,959</b>	20,158	16,508

(1) Refer to the Non-GAAP Measures section of this MD&A for further discussion of comparable EBITDA, comparable EBIT, EBIT, comparable earnings, comparable earnings per share and funds generated from operations.

## HIGHLIGHTS

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### Earnings

Net income was \$1,380 million and net income applicable to common shares was \$1,374 million or \$2.11 per share in 2009 compared to \$1,440 million or \$2.53 per share in 2008.

TransCanada's comparable earnings of \$1,325 million in 2009 excluded an after tax dilution gain of \$18 million resulting from the Company's reduced interest in PipeLines LP and \$30 million of favourable income tax adjustments. Comparable earnings of \$1,279 million in 2008 excluded \$152 million of after tax gains from bankruptcy settlements with certain subsidiaries of Calpine Corporation (Calpine), proceeds of \$10 million after tax from a lawsuit settlement, a \$27 million after tax writedown of costs for the Broadwater LNG project and \$26 million of favourable income tax adjustments.

### Cash Flow

Funds generated from operations were \$3.1 billion in 2009, an increase of \$0.1 billion from 2008.

TransCanada invested \$6.3 billion in its Pipelines and Energy capital projects in 2009, including the following:

- Capital expenditures of \$3.9 billion for Pipelines projects, including construction of Keystone and the Bison pipeline project, and expansion of the Alberta System;

- capital expenditures of \$1.5 billion for Energy projects, including the refurbishment and restart of Bruce A Units 1 and 2, and construction of Kibby Wind, Halton Hills, and Coolidge; and

- acquisition of ConocoPhillips' remaining interest in Keystone for \$0.9 billion.

In 2009, TransCanada issued approximately \$3.3 billion of long-term debt, \$2.1 billion of common shares and \$0.5 billion of preferred shares, comprised primarily of the following:

- In September 2009, the issuance of 22 million preferred shares at \$25.00 each, resulting in gross proceeds of \$0.6 billion;

- in June 2009, the issuance of 58.4 million common shares at \$31.50 each, resulting in gross proceeds of \$1.8 billion;

- in February 2009, the issuance of \$0.7 billion of Medium-Term Notes;

- in January 2009, the issuance of US\$2.0 billion of Senior Unsecured Notes; and

- in accordance with its Dividend Reinvestment and Share Purchase Plan (DRP), the issuance of eight million common shares from treasury in lieu of making cash dividend payments totalling \$0.3 billion.

In December 2009, TransCanada established a new US\$1.0 billion committed bank facility.

In November 2009, PipeLines LP issued five million common units at US\$38.00 per unit, resulting in gross proceeds of US\$0.2 billion.



## Balance Sheet

Total assets increased by \$4.4 billion to \$43.8 billion in 2009 compared to 2008, primarily due to investments in Pipelines and Energy capital projects.

TransCanada's shareholders' equity increased by \$2.9 billion to \$15.8 billion in 2009 compared to 2008.

## Dividends

On February 22, 2010, the Board of Directors of TransCanada increased the quarterly dividend on the Company's outstanding common shares for the quarter ending March 31, 2010 by five per cent to \$0.40 per share from \$0.38 per share. This was the tenth consecutive year in which the common share dividend was increased. In addition, a quarterly dividend of \$0.2875 per preferred share was declared for the quarter ending March 31, 2010.

Refer to the Consolidated Financial Review, Results of Operations and Liquidity and Capital Resources sections of this MD&A for further discussion of these highlights.

**SEGMENT RESULTS**

Effective January 1, 2009, TransCanada revised the information presented in the tables of this MD&A to better reflect the operating and financing structure of the Company. The Pipelines and Energy results summaries are presented geographically by separating the Canadian and U.S. portions of each segment. The Company believes this new format more clearly describes the financial performance of its businesses. The new format presents EBITDA and earnings before interest and taxes (EBIT), which the Company believes provide greater transparency and more useful information with respect to the performance of its individual assets. Segmented information has been retroactively reclassified to reflect these changes. These changes had no impact on reported consolidated net income.

**Reconciliation of Comparable EBITDA, Comparable EBIT, EBIT and Comparable Earnings to Net Income Applicable to Common Shares**

Year ended December 31, 2009

*(millions of dollars except per share amounts)*

	Pipelines	Energy	Corporate	Total
<b>Comparable EBITDA<sup>(1)</sup></b>	<b>3,093</b>	<b>1,131</b>	<b>(117)</b>	<b>4,107</b>
Depreciation and amortization	(1,030)	(347)		(1,377)
<b>Comparable EBIT<sup>(1)</sup></b>	<b>2,063</b>	<b>784</b>	<b>(117)</b>	<b>2,730</b>
Specific items:				
Dilution gain from reduced interest in PipeLines LP	29			29
Fair value adjustments of natural gas inventory in storage and forward contracts		1		1
<b>EBIT<sup>(1)</sup></b>	<b>2,092</b>	<b>785</b>	<b>(117)</b>	<b>2,760</b>
Interest expense				(954)
Interest expense of joint ventures				(64)
Interest income and other				121
Income taxes				(387)
Non-controlling interests				(96)
<b>Net Income</b>				<b>1,380</b>
Preferred share dividends				(6)
<b>Net Income Applicable to Common Shares</b>				<b>1,374</b>
Specific items (net of tax where applicable):				
Dilution gain from reduced interest in PipeLines LP				(18)
Fair value adjustments of natural gas inventory in storage and forward contracts				(1)
Income tax adjustments				(30)
<b>Comparable Earnings<sup>(1)</sup></b>				<b>1,325</b>
<b>Net Income per Share Basic</b>				<b>\$2.11</b>
<b>Comparable Earnings per Share<sup>(1)(2)</sup></b>				<b>\$2.03</b>

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Year ended December 31, 2008

(millions of dollars except per share amounts)

	Pipelines	Energy	Corporate	Total
<b>Comparable EBITDA<sup>(1)</sup></b>	3,019	1,210	(104)	4,125
Depreciation and amortization	(989)	(258)		(1,247)
<b>Comparable EBIT<sup>(1)</sup></b>	2,030	952	(104)	2,878
Specific items:				
Calpine bankruptcy settlements	279			279
GTN lawsuit settlement	17			17
Writedown of Broadwater LNG project costs		(41)		(41)
<b>EBIT<sup>(1)</sup></b>	2,326	911	(104)	3,133
Interest expense				(943)
Interest expense of joint ventures				(72)
Interest income and other				54
Income taxes				(602)
Non-controlling interests				(130)
<b>Net Income</b>				1,440
Specific items (net of tax where applicable):				
Calpine bankruptcy settlements				(152)
GTN lawsuit settlement				(10)
Writedown of Broadwater LNG project costs				27
Income tax adjustments				(26)
<b>Comparable Earnings<sup>(1)</sup></b>				1,279
<b>Net Income per Share Basic</b>				\$2.53
<b>Comparable Earnings per Share<sup>(1)(2)</sup></b>				\$2.25

Year ended December 31, 2007

(millions of dollars except per share amounts)

	Pipelines	Energy	Corporate	Total
<b>Comparable EBITDA<sup>(1)</sup></b>	3,077	944	(102)	3,919
Depreciation and amortization	(1,021)	(216)		(1,237)
<b>Comparable EBIT<sup>(1)</sup></b>	2,056	728	(102)	2,682
Specific items:				
Gain on sale of land		16		16
Fair value adjustments of natural gas inventory in storage and forward contracts		10		10
<b>EBIT<sup>(1)</sup></b>	2,056	754	(102)	2,708
Interest expense				(943)
Interest expense of joint ventures				(75)
Interest income and other				120
Income taxes				(490)
Non-controlling interests				(97)
<b>Net Income</b>				1,223
Specific items (net of tax where applicable):				

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Gain on sale of land	(14)
Fair value adjustments of natural gas inventory in storage and forward contracts	(7)
Income tax adjustments	(102)
<hr/>	
<b>Comparable Earnings<sup>(1)</sup></b>	1,100
<hr/>	
<b>Net Income per Share Basic</b>	\$2.31
<b>Comparable Earnings per Share<sup>(1)(2)</sup></b>	\$2.08

<sup>(1)</sup>Refer to the Non-GAAP Measures section in this MD&A for further discussion of comparable EBITDA, comparable EBIT, EBIT, comparable earnings and comparable earnings per share.

	2009	2008	2007
<hr/>			
<sup>(2)</sup> <b>Comparable Earnings per Share<sup>(1)</sup></b>	<b>\$2.03</b>	\$2.25	\$2.08
Specific items per share (net of tax where applicable):			
Dilution gain from reduced interest in PipeLines LP	<b>0.03</b>		
Calpine bankruptcy settlements		0.27	
GTN lawsuit settlement		0.02	
Writedown of Broadwater LNG project costs		(0.05)	
Fair value adjustments of natural gas inventory in storage and forward contracts			0.01
Gain on sale of land			0.03
Income tax adjustments	<b>0.05</b>	0.04	0.19
<hr/>			
<b>Net Income per Share</b>	<b>\$2.11</b>	\$2.53	\$2.31

## RESULTS OF OPERATIONS

In 2009, net income was \$1,380 million and net income applicable to common shares was \$1,374 million or \$2.11 per share compared to net income of \$1,440 million or \$2.53 per share in 2008. Net income in 2007 was \$1,223 million or \$2.31 per share.

Net income applicable to common shares in 2009 included \$30 million of favourable income tax adjustments arising from a reduction in the Province of Ontario's corporate income tax rates, an \$18 million after tax dilution gain resulting from TransCanada's reduced interest in PipeLines LP after a public offering of PipeLines LP common units in fourth quarter 2009, and \$1 million of after tax net unrealized gains (2008 nil; 2007 net gains of \$7 million after tax) resulting from changes in the fair value of proprietary natural gas inventory in storage and natural gas forward purchase and sale contracts.

Net income in 2008 included \$152 million of after tax gains on shares received by GTN and Portland from the Calpine bankruptcy settlements, \$10 million after tax of GTN lawsuit settlement proceeds and a \$27 million after tax writedown of costs previously capitalized for Broadwater. Net income in 2008 also included \$26 million of favourable income tax adjustments from an internal restructuring and realization of losses. Net income in 2007 included \$102 million of favourable income tax adjustments relating to changes in Canadian federal and provincial corporate income tax legislation, the resolution of certain tax matters and an internal restructuring, and an after tax gain of \$14 million on the sale of land.

Comparable earnings in 2009, 2008 and 2007 were \$1,325 million or \$2.03 per share, \$1,279 million or \$2.25 per share and \$1,100 million or \$2.08 per share, respectively, and excluded the above-noted items.

Comparable earnings increased \$46 million and decreased \$0.22 per share in 2009 compared to 2008. The increase in comparable earnings reflected:

Increased comparable EBIT from Pipelines primarily due to higher earnings from the Alberta System revenue requirement settlement and the positive impact in 2009 of a stronger U.S. dollar on Pipelines' U.S. operations, partially offset by increased costs for developing new Pipelines projects, primarily the Alaska pipeline project;

decreased comparable EBIT from Energy primarily due to lower power prices and a decreased demand for power in Western Power and U.S. Power, reflecting the downturn in the North American economy, partially offset by increased earnings from the start up of Portlands Energy and the Carleton phase of the Cartier Wind project, and higher realized power prices for Bruce Power;

increased comparable EBIT losses from Corporate primarily due to higher support services costs, reflecting a growing asset base;

increased interest expense as a result of long-term debt issuances in the second half of 2008 and first quarter 2009 and the negative impact of a stronger U.S. dollar. These increases were partially offset by an increase in capitalized interest relating to Keystone and other capital projects, and reduced losses from changes in the fair value of derivatives used to manage TransCanada's exposure to fluctuating interest rates;

increased interest income and other due to the positive impact of a weakening U.S. dollar on U.S. dollar working capital balances throughout 2009 and derivatives used to manage the Company's exposure to foreign exchange rate fluctuations;

decreased income tax expense due to lower pre-tax earnings, higher income tax savings from income tax rate differentials and other positive income tax adjustments in 2009; and

a reduction in non-controlling interests due to Portland's portion of the Calpine bankruptcy settlements recorded in 2008, partially offset by higher PipeLines LP earnings in 2009.

Comparable earnings increased \$179 million or \$0.17 per share in 2008 compared to 2007 due to an increase in Energy's comparable EBIT, primarily as a result of higher realized power prices and a full year of earnings from ANR, partially offset by unrealized losses from changes in the fair value of interest rate derivatives.

Earnings per share in 2009 and 2008 was reduced by the increase in the average number of shares outstanding following the Company's issuance of 58.4 million, 35.1 million and 34.7 million common shares in second quarter

2009, fourth quarter 2008 and second quarter 2008, respectively. The shares were issued to partially finance TransCanada's acquisitions and extensive capital growth program.

Results from each of the segments are discussed further in the Pipelines, Energy and Corporate sections of this MD&A.

## **FORWARD-LOOKING INFORMATION**

This MD&A may contain certain information that is forward looking and is subject to important risks and uncertainties. The words "anticipate", "expect", "believe", "may", "should", "estimate", "project", "outlook", "forecast" or other similar words are used to identify such forward-looking information. Forward-looking statements in this document are intended to provide TransCanada security holders and potential investors with information regarding TransCanada and its subsidiaries, including management's assessment of TransCanada's and its subsidiaries' future financial and operational plans and outlook. Forward-looking statements in this document may include, among others, statements regarding the anticipated business prospects and financial performance of TransCanada and its subsidiaries, expectations or projections about the future, strategies and goals for growth and expansion, expected and future cash flows, costs, schedules, operating and financial results and expected impact of future commitments and contingent liabilities. All forward-looking statements reflect TransCanada's beliefs and assumptions based on information available at the time the statements were made. Actual results or events may differ from those predicted in these forward-looking statements. Factors that could cause actual results or events to differ materially from current expectations include, among others, the ability of TransCanada to successfully implement its strategic initiatives and whether such strategic initiatives will yield the expected benefits, the operating performance of the Company's pipeline and energy assets, the availability and price of energy commodities, capacity payments, regulatory processes and decisions, changes in environmental and other laws and regulations, competitive factors in the pipeline and energy sectors, construction and completion of capital projects, labour, equipment and material costs, access to capital markets, interest and currency exchange rates, technological developments and economic conditions in North America. By its nature, forward-looking information is subject to various risks and uncertainties, including those material risks discussed in the Pipelines, Energy and Risk Management and Financial Instruments sections in this MD&A, which could cause TransCanada's actual results and experience to differ materially from the anticipated results or expectations expressed. Additional information on these and other factors is available in the reports filed by TransCanada with Canadian securities regulators and with the U.S. Securities and Exchange Commission (SEC). Readers are cautioned not to place undue reliance on this forward-looking information, which is given as of the date it is expressed in this MD&A or otherwise, and not to use future-oriented information or financial outlooks for anything other than their intended purpose. TransCanada undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

## **NON-GAAP MEASURES**

TransCanada uses the measures "comparable earnings", "comparable earnings per share", "EBITDA", "comparable EBITDA", "EBIT", "comparable EBIT" and "funds generated from operations" in this MD&A. These measures do not have any standardized meaning prescribed by GAAP. They are, therefore, considered to be non-GAAP measures and may not be comparable to similar measures presented by other entities. Management of TransCanada uses these non-GAAP measures to improve its ability to compare financial results among reporting periods and to enhance its understanding of operating performance, liquidity and ability to generate funds to finance operations. These non-GAAP measures are also provided to readers as additional information on TransCanada's operating performance, liquidity and ability to generate funds to finance operations.

EBITDA is an approximate measure of the Company's pre-tax operating cash flow. EBITDA comprises earnings before deducting interest and other financial charges, income taxes, depreciation and amortization, and non-controlling interests. EBIT is a measure of the Company's earnings from ongoing operations. EBIT comprises earnings before deducting interest and other financial charges, income taxes and non-controlling interests.

Management uses the measures of comparable earnings, comparable EBITDA and comparable EBIT to better evaluate trends in the Company's underlying operations. Comparable earnings, comparable EBITDA and comparable EBIT comprise net income applicable to common shares, EBITDA and EBIT, respectively, adjusted for specific items that are significant but are not reflective of the Company's underlying operations in the year. Specific items are subjective, however, management uses its judgement and informed decision-making when identifying items to be excluded in calculating comparable earnings, comparable EBITDA and comparable EBIT, some of which may recur. Specific items may include but are not limited to certain income tax refunds and adjustments, gains or losses on sales of assets, legal and bankruptcy settlements, and certain fair value adjustments. The Segment Results table in this MD&A presents a reconciliation of comparable earnings, comparable EBITDA, comparable EBIT and EBIT to net income and net income applicable to common shares. Comparable earnings per share is calculated by dividing comparable earnings by the weighted average number of common shares outstanding for the year.

Funds generated from operations comprises net cash provided by operations before changes in operating working capital. A reconciliation of funds generated from operations to net cash provided by operations is presented in the Summarized Cash Flow table in the Liquidity and Capital Resources section of this MD&A.

## OUTLOOK

TransCanada's corporate strategy is underpinned by long-term growth, focusing on its core strengths in its Pipelines and Energy businesses. In 2010 and beyond, TransCanada expects net income and operating cash flow, combined with a strong balance sheet and proven ability to access capital markets, to provide the financial resources needed to complete its current capital expenditure program, continue to pursue long-term growth opportunities and create additional value for its shareholders. This strategy will be executed with the same discipline and deliberate manner that have characterized TransCanada's current capital expenditure program. TransCanada believes this prudence is especially important in the current economic environment in North America. In 2010, the Company will significantly advance its capital program and continue to implement its strategy to grow the Pipelines and Energy businesses as discussed in the TransCanada's Strategy section of this MD&A.

In 2010, the Pipelines segment is expected to begin generating EBITDA from the initial phase of Keystone. Keystone's EBITDA will increase as additional phases are completed and brought into service. Pipelines' EBITDA may be affected by the expiry of long-term contracts, variances in throughput volume particularly on the U.S. pipelines, customer settlements and decisions made by applicable regulatory authorities.

Energy's EBITDA in 2010 will be affected by commodity price changes in instances where TransCanada has not entered into contracts that manage these fluctuations or in circumstances where existing sales contracts expire and are replaced with new contracts entered into at prevailing market prices. Energy's EBITDA will also be impacted by fluctuations in capacity prices in the New York City market where Ravenswood operates and in New England. Furthermore, Energy's EBITDA in 2010 will be positively impacted by assets that were placed in service during 2009 and assets that are expected to be placed in service in 2010.

TransCanada also expects earnings in 2010 to be impacted by a reduction in capitalized interest and an increase in depreciation as new assets are placed into service.

On a consolidated basis, the impact of changes in the value of the U.S. dollar on U.S. Pipelines and Energy EBIT is largely offset by the impact of the changes in the value of the U.S. dollar on U.S. dollar interest expense. The resultant net exposure is managed using derivatives, effectively reducing the Company's exposure to changes in foreign exchange rates. The average U.S. dollar exchange rate for the year ended December 31, 2009 was 1.14 (2008 and 2007 1.07).

The Company's results in 2010 may be affected by a number of factors and developments as discussed throughout this MD&A including, without limitation, the factors and developments discussed in the Forward-Looking Information, Pipelines Business Risks and Energy Business Risks sections. Refer to the Pipelines Outlook and Energy Outlook sections of this MD&A for further discussion of outlook. Commencing January 1, 2011, the Company's results will be impacted by the adoption of International Financial Reporting Standards (IFRS) as discussed in the Accounting Changes Future Accounting Changes section in this MD&A.



The following pipelines are owned 100 per cent by TransCanada unless otherwise stated.

**CANADIAN MAINLINE** The Canadian Mainline is a 14,101 km (8,762 miles) natural gas transmission system in Canada extending from the Alberta/Saskatchewan border east to the Québec/Vermont border and connects with other natural gas pipelines in Canada and the U.S.

**ALBERTA SYSTEM** The Alberta System is a 23,905 km (14,854 miles) natural gas transmission system in Alberta that connects with the Canadian Mainline and Foothills natural gas pipelines and with third-party natural gas pipelines.

**ANR** ANR is a 17,000 km (10,563 miles) transmission system that transports natural gas from producing fields located primarily in Texas, Oklahoma, the Gulf of Mexico and Louisiana to markets located mainly in Wisconsin, Michigan, Illinois, Ohio and Indiana. ANR also owns and operates regulated underground natural gas storage facilities in Michigan with a total working capacity of 250 Bcf.



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**GTN** GTN is a 2,174 km (1,351 miles) transmission system linking Foothills and Rocky Mountain sourced natural gas with third-party natural gas pipelines in Washington, Oregon and California, and with Tuscarora.

**FOOTHILLS** Foothills is a 1,241 km (771 miles) transmission system in Western Canada carrying natural gas for export from central Alberta to the U.S. border to serve markets in the U.S. Midwest, Pacific Northwest, California and Nevada.

**VENTURES LP** Ventures LP is comprised of a 161 km (100 miles) pipeline supplying natural gas to the oilsands region near Fort McMurray, Alberta and a 27 km (17 miles) pipeline supplying natural gas to a petrochemical complex at Joffre, Alberta.

**TAMAZUNCHALE** Tamazunchale is a 130 km (81 miles) natural gas pipeline in east central Mexico extending from Naranjos, Veracruz to Tamazunchale, San Luis Potosi.

**NORTH BAJA** Owned 100 per cent by PipeLines LP, North Baja is a natural gas transmission system extending 129 km (80 miles) from Ehrenberg, Arizona to Ogilby, California and connecting with a third-party natural gas pipeline system in Mexico. TransCanada operates North Baja and effectively owns 38.2 per cent of the system through its 38.2 per cent interest in PipeLines LP.

**TUSCARORA** Owned 100 per cent by PipeLines LP, Tuscarora is a 491 km (305 miles) pipeline system transporting natural gas from GTN at Malin, Oregon, to Wadsworth, Nevada, with delivery points in northeastern California and northwestern Nevada. TransCanada operates Tuscarora and effectively owns 38.2 per cent (2008 32.1 per cent) of the system through its 38.2 per cent (2008 32.1 per cent) interest in PipeLines LP.

**NORTHERN BORDER** Owned 50 per cent by PipeLines LP, Northern Border is a 2,250 km (1,398 miles) natural gas transmission system serving the U.S. Midwest. TransCanada operates Northern Border and effectively owns 19.1 per cent (2008 16.1 per cent) of the system through its 38.2 per cent (2008 32.1 per cent) interest in PipeLines LP.

**GREAT LAKES** Owned 53.6 per cent by TransCanada and 46.4 per cent by PipeLines LP, Great Lakes is a 3,404 km (2,115 miles) natural gas transmission system serving markets in Central Canada and the midwestern U.S. TransCanada operates Great Lakes and effectively owns 71.3 per cent (2008 68.5 per cent) of the system through its direct ownership interest and its 38.2 per cent (2008 32.1 per cent) interest in PipeLines LP.

**IROQUOIS** Owned 44.5 per cent by TransCanada, Iroquois is a 666 km (414 miles) pipeline system that connects with the Canadian Mainline near Waddington, New York, and delivers natural gas to customers in the northeastern U.S.

**TQM** Owned 50 per cent by TransCanada, TQM is a 572 km (355 miles) pipeline system that connects with the Canadian Mainline and transports natural gas from Montréal to Québec City in Québec, and connects with Portland. TQM is operated by TransCanada.

**PORTLAND** Owned 61.7 per cent by TransCanada, Portland is a 474 km (295 miles) pipeline that connects with TQM near East Hereford, Québec and delivers natural gas to customers in the northeastern U.S. Portland is operated by TransCanada.

**TRANSGAS** Owned 46.5 per cent by TransCanada, TransGas is a 344 km (214 miles) natural gas pipeline system extending from Mariquita to Cali in Colombia.

**GAS PACIFICO/INNERGY** Owned 30 per cent by TransCanada, Gas Pacifico is a 540 km (336 miles) natural gas pipeline extending from Loma de la Lata, Argentina to Concepción, Chile. TransCanada also has a 30 per cent ownership interest in INNERGY, an industrial natural gas marketing company based in Concepción that markets natural gas transported on Gas Pacifico.

**BISON** Once completed, the Bison natural gas pipeline will extend 487 km (303 miles) from the Powder River Basin in Wyoming to Northern Border in North Dakota.

**KEYSTONE** Owned 100 percent (December 31, 2008 62 per cent) by TransCanada, Keystone is a 3,456 km (2,147 miles) oil pipeline that will initially transport crude oil from Hardisty, Alberta to U.S. Midwest markets at Wood River and Patoka, Illinois, and to Cushing, Oklahoma. In addition, a 2,720 km (1,690 miles) expansion to the Gulf Coast is under development.

**GUADALAJARA** The Guadalajara natural gas pipeline is under construction and when completed will extend approximately 305 km (190 miles) from Manzanillo to Guadalajara in Mexico.

**PIPELINES HIGHLIGHTS**

Comparable EBITDA from Pipelines was \$3.1 billion in 2009, an increase of \$0.1 billion from \$3.0 billion in 2008.

The Company invested \$3.9 billion in Pipelines capital projects in 2009, including completion of the first phase of construction of Keystone to Wood River and Patoka, Illinois, for approximately \$2.5 billion. The Company also completed the first phase and commenced construction on the second phase of the Alberta System's North Central Corridor expansion at a total capital cost of approximately \$600 million to the end of 2009. The expected total capital cost for the North Central Corridor project is approximately \$800 million.

During 2009, TransCanada negotiated a Rate Design Settlement for the Alberta System, which provided for a new rate design for the existing system and expansions. This settlement addresses the evolving nature of the Alberta System and the commercial integration of ATCO Pipelines.

In December 2009, a Joint Review Panel of the Canadian government released a report on environmental and socio-economic factors relating to the Mackenzie Gas Pipeline (MGP) project. The report has been submitted to the National Energy Board of Canada (NEB) as part of the review process for approval of the project. A decision is expected by fourth quarter 2010.

In October 2009, the NEB issued a ruling that its adjustment formula for the rate of return on common equity (ROE) would no longer be in effect. The decision affects the calculation of future tolls for TransCanada's NEB-regulated natural gas pipelines. Prior to this ruling, the NEB issued a decision awarding TQM a 6.4 per cent after-tax weighted average cost of capital (ATWACC) for 2007 and 2008.

In April 2009, TransCanada received a decision from the NEB affirming that the Alberta System is within federal jurisdiction and is subject to regulation by the NEB.

In 2009, TransCanada acquired ConocoPhillips' remaining interest in Keystone, increasing the Company's ownership to 100 per cent.

In 2009, as a result of PipeLines LP issuing common units to the public, the Company's interest was reduced to 38.2 per cent and a dilution gain of \$29 million was realized.

In June 2009, TransCanada entered into an agreement with ExxonMobil to jointly advance the Alaska pipeline.

**PIPELINES RESULTS**

Year ended December 31 (millions of dollars)

	2009	2008	2007
<b>Canadian Pipelines</b>			
Canadian Mainline	1,133	1,141	1,207
Alberta System	728	692	775
Foothills	132	133	135
Other (TQM, Ventures LP)	59	50	51
<b>Canadian Pipelines Comparable EBITDA<sup>(1)</sup></b>	<b>2,052</b>	2,016	2,168
<b>U.S. Pipelines</b>			
ANR	347	347	272
GTN <sup>(2)</sup>	195	198	187
Great Lakes	138	127	125
PipeLines LP <sup>(2)(3)</sup>	84	70	62
Iroquois	78	59	55
Portland <sup>(4)</sup>	26	27	34
International (Tamazunchale, TransGas, Gas Pacifico/INNERGY)	58	40	51
General, administrative and support costs <sup>(5)</sup>	(17)	(15)	(17)
Non-controlling interests <sup>(2)(6)</sup>	194	187	187
<b>U.S. Pipelines Comparable EBITDA<sup>(1)</sup></b>	<b>1,103</b>	1,040	956
<b>Business Development Comparable EBITDA<sup>(1)</sup></b>	<b>(62)</b>	(37)	(47)
<b>Pipelines Comparable EBITDA<sup>(1)</sup></b>	<b>3,093</b>	3,019	3,077
Depreciation and amortization	(1,030)	(989)	(1,021)
<b>Pipelines Comparable EBIT<sup>(1)</sup></b>	<b>2,063</b>	2,030	2,056
Specific items:			
Dilution gain from reduced interest in PipeLines LP <sup>(3)(7)</sup>	29		
Calpine bankruptcy settlements <sup>(8)</sup>		279	
GTN lawsuit settlement		17	
<b>Pipelines EBIT<sup>(1)</sup></b>	<b>2,092</b>	2,326	2,056

(1) Refer to the Non-GAAP Measures section in this MD&A for further discussion of comparable EBITDA, comparable EBIT and EBIT.

(2) GTN's results include North Baja until July 1, 2009 when it was sold to PipeLines LP.

(3) Effective November 18, 2009, PipeLines LP's results reflected TransCanada's effective ownership in PipeLines LP of 38.2 per cent. From July 1, 2009 to November 17, 2009, TransCanada's ownership interest in PipeLines LP was 42.6 per cent. From February 22, 2007 to June 30, 2009, TransCanada's ownership interest in PipeLines LP was 32.1 per cent. From January 1, 2007 to February 22, 2007, TransCanada's ownership interest in PipeLines LP was 13.4 per cent.

(4) Portland's results reflect TransCanada's 61.7 per cent ownership interest.

(5) Represents certain costs associated with supporting the Company's Canadian and U.S. Pipelines.

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- (6) Non-controlling interests reflects EBITDA for the portions of PipeLines LP and Portland not owned by TransCanada.
- (7) As a result of PipeLines LP issuing common units to the public, the Company's ownership interest in PipeLines LP was reduced to 38.2 per cent from 42.6 per cent and a dilution gain of \$29 million was realized.
- (8) GTN and Portland received shares of Calpine with an initial value of \$154 million and \$103 million, respectively, as a result of the bankruptcy settlements with Calpine. These shares were subsequently sold for an additional gain of \$22 million.

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Pipelines generated comparable EBIT of \$2,063 million in 2009 compared to \$2,030 million in 2008. Comparable EBIT in 2009 excluded the \$29 million pre-tax dilution gain resulting from TransCanada's reduced interest in PipeLines LP, which occurred following the public issuance of common units by PipeLines LP in November 2009. Comparable EBIT in 2008 excluded the \$279 million of gains received by Portland and GTN from the bankruptcy settlements with Calpine and the \$17 million of proceeds received by GTN from a lawsuit settlement with a software supplier. Comparable EBIT in 2007 was \$2,056 million.

### Wholly Owned Canadian Pipelines Net Income

Year ended December 31 (*millions of dollars*)

	2009	2008	2007
Canadian Mainline	273	278	273
Alberta System	168	145	138
Foothills	23	24	26

### PIPELINES FINANCIAL ANALYSIS

**Canadian Mainline** The Canadian Mainline is regulated by the NEB, which sets tolls that provide TransCanada with the opportunity to recover projected costs of transporting natural gas, including a return on the Canadian Mainline's average investment base. The NEB also approves new facilities before construction begins. Canadian Mainline's EBITDA is affected by changes in investment base, the ROE, the level of deemed common equity, potential incentive earnings and changes in the level of depreciation, financial charges and income taxes recovered in revenue on a flow-through basis.

The Canadian Mainline currently operates under a five year tolls settlement effective from 2007 to 2011. The cost of capital reflects an ROE as determined by the NEB's ROE formula on deemed common equity of 40 per cent.

The tolls settlement also established certain elements of the Canadian Mainline's fixed operating, maintenance and administration (OM&A) costs for each of the five years. The variance between actual and agreed-upon OM&A costs accrued entirely to TransCanada from 2007 to 2009, and will be shared equally between TransCanada and its customers in 2010 and 2011. All other cost elements of the revenue requirement are treated on a flow-through basis. The settlement also allows for performance-based incentive arrangements that the Company believes are mutually beneficial to TransCanada and its customers.

Net income of \$273 million in 2009 was \$5 million lower than \$278 million in 2008. The decrease was primarily the result of a lower average investment base and a lower ROE of 8.57 per cent in 2009 compared to 8.71 per cent in 2008, partially offset by higher OM&A cost savings. Net income of \$278 million in 2008 was \$5 million higher than \$273 million in 2007 primarily due to higher performance-based incentives, increased OM&A cost savings and an ROE of 8.71 per cent in 2008 compared to 8.46 per cent in 2007. These increases were partially offset by a lower average investment base.

Comparable EBITDA of \$1,133 million in 2009 was \$8 million lower than \$1,141 million in 2008. The decrease was primarily due to lower revenues as a result of recovery of a lower overall return on a reduced average investment base and a lower ROE in 2009. The decrease in revenues was partially offset by higher OM&A cost savings and recovery of higher depreciation in 2009. EBITDA of \$1,141 million in 2008 was \$66 million lower than \$1,207 million in 2007 primarily due to lower revenues as a result of the recovery of lower depreciation, financial charges and income taxes in 2008. The decrease in revenues was partially offset by higher EBITDA from performance-based incentives, OM&A cost savings and higher ROE.

**Alberta System** Effective April 29, 2009, the Alberta System became federally regulated by the NEB under the *National Energy Board Act* (Canada). The Alberta System was previously regulated by the Alberta Utilities Commission (AUC), primarily under the provisions of the *Gas Utilities Act* (Alberta) and *Pipeline Act* (Alberta). The Alberta System's EBITDA is affected by changes in investment base, the ROE, the level of deemed common equity, potential incentive earnings and changes in the level of depreciation, financial charges and income taxes recovered in revenue on a flow-through basis.

The Alberta System operates under the 2008 - 2009 Revenue Requirement Settlement originally approved by the AUC in December 2008 and subsequently approved by the NEB following the Alberta System's transfer to federal jurisdiction. In December 2009, the NEB approved TransCanada's application to establish final 2009 tolls. In 2007, the Alberta System operated under the 2005 - 2007 Revenue Requirement Settlement approved by the AUC in June 2005.

As part of the 2008 - 2009 Revenue Requirement Settlement, fixed amounts were established for ROE, income taxes and certain OM&A costs. Any variances between actual costs and those agreed to in the settlement accrued to TransCanada, subject to an ROE and income tax adjustment mechanism that accounted for variances between actual and settlement rate base, and income tax assumptions. The other cost elements of the settlement were treated on a flow-through basis.

The Alberta System's net income of \$168 million in 2009 was \$23 million higher than in 2008, primarily due to higher settlement earnings and a higher average investment base in 2009. Net income of \$145 million in 2008 was \$7 million higher than in 2007 due to increased earnings as a result of the 2008 - 2009 Revenue Requirement Settlement. Earnings in 2007 reflected an ROE of 8.51 per cent on deemed common equity of 35 per cent.

The Alberta System's comparable EBITDA of \$728 million in 2009 was \$36 million higher than in 2008, primarily due to higher settlement earnings and a higher average investment base in 2009 as well as increased revenues as a result of the recovery of higher financial charges, partially offset by lower income taxes. EBITDA of \$692 million in 2008 was \$83 million lower than in 2007. The decrease was due to lower revenues as a result of the recovery of lower depreciation, income taxes and financial charges, partially offset by increased earnings as a result of the 2008 - 2009 Revenue Requirement Settlement.



**Other Canadian Pipelines** Comparable EBITDA from Other Canadian Pipelines was \$59 million in 2009 compared to \$50 million in 2008. The increase was primarily due to the NEB decision reached in March 2009 on TQM's cost of capital for the years 2007 and 2008. EBITDA was \$50 million in 2008 compared to \$51 million in 2007.

**ANR** The operations of ANR are regulated primarily by the U.S. Federal Energy Regulatory Commission (FERC). ANR provides natural gas transportation, storage and various capacity-related services to a variety of North American customers. ANR's transmission system has a peak-day capacity of 6.8 billion cubic feet per day (Bcf/d). Due to the seasonal nature of its business, ANR's volumes and revenues are generally higher in the winter months. ANR also owns and operates 250 Bcf of regulated underground natural gas storage facilities in Michigan. ANR's natural gas storage and transportation services operate under current FERC-approved tariffs. These tariffs include maximum and minimum rates for services and permit ANR to discount or negotiate rates on a non-discriminatory basis.

ANR Pipeline Company (ANR Pipeline) rates were established pursuant to a settlement approved by the FERC effective November 1997. ANR Storage Company's rates were established pursuant to a settlement approved by the FERC effective June 1990. None of ANR's FERC-regulated operations are required to file for new rates at any time in the future, nor are any of the operations prohibited from filing a rate case.

ANR's comparable EBITDA in 2009 was \$347 million, which was consistent with 2008. Higher transportation and storage revenues, as a result of expansion projects, increased utilization and favourable pricing on existing capacity, and the positive impact of a stronger U.S. dollar in 2009 were offset by lower incidental natural gas sales, primarily due to lower prices, and higher OM&A and business development costs. Comparable EBITDA in 2008 was \$347 million compared to \$272 million in 2007. The increase was primarily due to a full year of earnings in 2008 and increased revenue from new growth projects, partially offset by higher OM&A costs.

**GTN** GTN is regulated by the FERC and is operated in accordance with FERC-approved tariffs that establish maximum and minimum rates for various services. GTN's pipeline rates were established pursuant to a settlement approved by the FERC in January 2008, and these rates were effective January 1, 2007. Under the settlement, a five-year moratorium commencing January 1, 2007 was established during which GTN and the settling parties are prohibited from taking certain actions, including any filings to adjust rates. The settlement also requires GTN to file for new rates to be in effect no later than January 1, 2014. GTN is permitted to discount or negotiate these rates on a non-discriminatory basis. GTN's EBITDA is affected by variations in contracted volume levels, volumes delivered and prices charged under the various service types, as well as by variations in the costs of providing services.

GTN's comparable EBITDA was \$195 million in 2009, a decrease of \$3 million compared to 2008. The decrease was primarily due to the sale of North Baja to PipeLines LP in 2009, partially offset by the positive impact of a stronger U.S. dollar in 2009. GTN's EBITDA was \$198 million in 2008, an increase of \$11 million compared to 2007 primarily due to lower OM&A expenses.

**Other U.S. Pipelines** Comparable EBITDA from other U.S. Pipelines was \$561 million in 2009 compared to \$495 million in 2008. The increase was primarily due to the positive impact of a stronger U.S. dollar in 2009, the July 2009 PipeLines LP acquisition of North Baja, increased revenues from Gas Pacifico resulting from a new transportation agreement and higher short-term revenues from Iroquois. EBITDA was \$497 million in 2007.

**Business Development** Pipelines' business development comparable EBITDA losses increased \$25 million in 2009 compared to 2008 primarily due to higher business development costs related to the Alaska pipeline project.

**Depreciation and Amortization** Depreciation increased \$41 million in 2009 compared to 2008 primarily due to a stronger U.S. dollar in 2009. The \$32 million decrease in depreciation in 2008 compared to 2007 was primarily due to lower depreciation for the Alberta System.

**PIPELINES OPPORTUNITIES AND DEVELOPMENTS**

*Crude Oil*

**Keystone** In August 2009, TransCanada purchased ConocoPhillips' remaining approximate 20 per cent interest in Keystone for US\$553 million and the assumption of US\$197 million of short-term debt. TransCanada now owns 100 per cent of Keystone.

In 2008, TransCanada entered into an agreement with ConocoPhillips to increase its equity ownership in Keystone to approximately 80 per cent from 50 per cent, with ConocoPhillips' equity ownership in Keystone being reduced concurrently to approximately 20 per cent from 50 per cent. In 2008 and prior to August 2009, TransCanada funded 100 per cent of the construction expenditures until the participants' cumulative project capital contributions were aligned with their revised ownership interests. In 2009, prior to August, TransCanada funded \$1.3 billion of cash calls for Keystone, resulting in the Company acquiring an incremental increase in ownership of approximately 18 per cent for \$313 million. In 2008, the Company funded \$362 million of cash calls, resulting in an incremental increase in ownership of approximately 12 per cent for \$176 million. TransCanada's ownership interest was approximately 80 per cent and 62 per cent in August 2009 and at December 31, 2008, respectively.

After gaining regulatory approval in both Canada and the U.S., construction of Keystone began in May 2008. Commissioning of the first phase of Keystone, extending from Hardisty to Wood River and Patoka with an initial nominal capacity of 435,000 Bbl/d began in late 2009.

In June 2008, Keystone received approval from the NEB to add new pumping facilities to accommodate deliveries to the Cushing market. The second phase of Keystone is expected to expand nominal capacity to 591,000 Bbl/d and extend the pipeline to Cushing, with commissioning expected to commence in late 2010 and commercial in service expected to commence in first quarter 2011.

After an open season conducted during third quarter 2008, Keystone secured additional firm, long-term shipper contracts on its system. With these commitments, Keystone filed the necessary regulatory applications in Canada and the U.S. for approval to construct and operate the expansion of the pipeline system that is expected to provide additional capacity from Western Canada to the U.S. Gulf Coast in early 2013, increasing the total commercial capacity of Keystone to approximately 1.1 million Bbl/d. In September 2009, the NEB held a hearing to review the application for the new Canadian facilities required for the Keystone Gulf Coast expansion. The NEB is expected to issue a decision in first quarter 2010 on TransCanada's application to construct and operate the facilities, including the proposed tolling methodology. Facility permits for the U.S. portion of the expansion are expected by fourth quarter 2010. Construction of the expansion facilities is anticipated to commence in first quarter 2011 following the receipt of the necessary regulatory approvals.

The capital cost of Keystone, including expansion to the Gulf Coast, if approved, is expected to be approximately US\$12 billion with approximately US\$5 billion spent to date. At December 31, 2009, costs of \$470 million related to the Keystone expansion to the Gulf Coast are included in intangibles and other assets. Capital costs related to the construction of Keystone are subject to capital cost risk- and reward-sharing mechanisms with TransCanada's customers.

The NEB issued approval to commence operations, including commissioning activities, for the Canadian portion of Keystone's facilities, subject to certain conditions. The approval for the Canadian segment of the pipeline was granted for a period ending approximately nine months from commencement of commercial in service, at a reduced maximum operating pressure (MOP), which will reduce throughput capacity below initial nominal capacity of 435,000 Bbl/d. Prior to the conclusion of this nine month period, Keystone is required to run additional in-line inspections on this segment. These inspections and any remedial work are expected to be completed within this nine month period. Following these activities, TransCanada expects the MOP restriction to be lifted.

TransCanada expects Keystone to commence delivery of crude oil from Hardisty, Alberta, to U.S. Midwest markets at Wood River and Patoka, Illinois beginning mid-2010, and to Cushing, Oklahoma in first quarter 2011. Pending regulatory approval, an expansion of the system to the U.S. Gulf Coast is expected to commence the delivery of crude oil in early 2013.

TransCanada expects Keystone to begin generating EBITDA in 2010 with earnings increasing through 2011, 2012 and 2013 as expansion phases commence delivery of crude oil. Contracted volumes of 217,500 Bbl/d will increase to 910,000 Bbl/d from 2010 to 2013 as commercial in service of the Cushing and Gulf Coast phases commence. Based on current long-term commitments, Keystone is expected to generate EBITDA of approximately US\$1.2 billion in 2013, its first full year of commercial operation servicing both the U.S. Midwest and Gulf Coast markets. If volumes were to increase to 1.1 million Bbl/d, the full commercial design of the system, Keystone would generate annual EBITDA of approximately US\$1.5 billion. Keystone volumes could be economically expanded to 1.5 million Bbl/d from 1.1 million Bbl/d in response to additional market demand.

### Natural Gas

#### *NEB Changes*

**Changes to NEB ROE Formula** In March 2009, the NEB initiated a process to consider the continuing applicability of its RH-2-94 Decision. This decision established an ROE adjustment formula tied to Government of Canada bond yields and had formed the basis for determining tolls for certain pipelines under NEB jurisdiction since 1995. In October 2009, the NEB determined that the RH-2-94 Decision would no longer be in effect. The NEB decided that the cost of capital would be determined by negotiations between pipeline companies and their shippers or by the NEB if a pipeline company files a cost of capital application. This decision affects certain NEB-regulated pipelines, including the Canadian Mainline, Alberta System, Foothills and TQM. TransCanada will be working with customers and interested parties to determine the cost of capital to be used in calculating tolls beginning in 2010 for the Alberta System, Foothills and TQM, and for the Canadian Mainline upon expiry of its existing settlement. If agreements cannot be reached, applications will be filed with the NEB requesting an appropriate return on capital.

In November 2009, the Canadian Association of Petroleum Producers and the Industrial Gas Users Association sought leave to appeal the October 2009 NEB decision to the Federal Court of Appeal and named the NEB as the sole respondent. In January 2010, TransCanada was granted respondent status in the matter and in February 2010 filed its submission opposing the leave application.

**Asset Retirement Obligations** In May 2009, the NEB issued a decision on the Land Matters Consultation Initiative with respect to financial issues related to pipeline abandonment. All pipeline companies regulated under the *National Energy Board Act* (Canada) will be required to comply with the framework and action plan set out in the decision. The NEB's goal is to have pipeline companies begin collecting and setting aside funds to cover future abandonment costs no later than mid-2014. There are several filing deadlines in the action plan with which NEB regulated pipeline companies have to comply, including deadlines for preparing and filing an estimate of the abandonment costs, developing a proposal for collection of funds through tolls or some other satisfactory method and developing a proposed process to set aside the funds collected. As a result of this decision, TransCanada has initiated a project to estimate the abandonment costs on its NEB-regulated pipelines. The estimate will be filed with the NEB for approval by May 31, 2011.

**Canadian Mainline** The Canadian Mainline will continue to base its return on the NEB's ROE formula for 2010 and 2011 in accordance with the terms of the current Canadian Mainline tolls settlement. In December 2009, the NEB approved TransCanada's application for 2010 final tolls for the Canadian Mainline's transportation service, effective January 1, 2010. The 2010 calculated ROE for the Canadian Mainline will be 8.52 per cent, a decrease from 8.57 per cent in 2009.

**Alberta System** Effective April 29, 2009, the Alberta System became regulated by the NEB under the *National Energy Board Act* (Canada). The Alberta System was previously regulated by the AUC. Under federal regulation, TransCanada is able to apply to the NEB for approval to extend the Alberta System across provincial borders, allowing the Company to provide service to producers outside of Alberta.

In September 2009, TransCanada began construction on the final phase of the North Central Corridor natural gas pipeline, a 300 km (186 miles) extension of the Alberta System's northern section. This final phase is expected to be completed by April 2010. The initial phase was completed and operational in 2009. The North Central Corridor pipeline will provide capacity to accommodate increasing natural gas supply in northwest Alberta and northeast B.C. and growing markets in Alberta, and to offset declining natural gas supply in northeast Alberta while delivering more natural gas to the Alberta/Saskatchewan border. The total capital cost of the project is estimated to be approximately \$800 million.

TransCanada expects producers will continue to explore and develop new gas fields in Western Canada, particularly in northeastern B.C. and the west and central foothills regions of Alberta. There is also expected to be significant exploration and development activity aimed at unconventional resources such as coalbed methane and shale gas. The emergence of economically producible unconventional gas from B.C. shale gas supply, including the Montney and Horn River regions, has the potential to become a significant new opportunity for the Alberta System. While these areas are in their early stages of development, they appear to be comparable to U.S. shale gas supply volumes. Current estimates of the potential gas supply from these two areas range from 70 trillion cubic feet to 150 trillion cubic feet.

In November 2009, the NEB concluded a public hearing on TransCanada's application for approval to construct and operate the Groundbirch pipeline, which is comprised of a 77 km (48 miles) natural gas pipeline and related above-ground facilities. TransCanada has entered into firm transportation agreements with Groundbirch customers that are expected to increase to 1.1 Bcf/d by 2014. The Groundbirch pipeline, if approved, will be an extension of the Alberta System and will connect natural gas supply primarily from the Montney shale gas formation in northeast B.C. to existing infrastructure in northwest Alberta. Construction of the Groundbirch pipeline is expected to commence in July 2010 with completion anticipated in November 2010. A decision from the NEB is expected in first quarter 2010. The total capital cost of the project is estimated to be \$200 million.

In May 2009, TransCanada filed a Project Description with the NEB to initiate a regulatory review of the proposed Horn River project, which comprises construction of a 72 km (45 miles) natural gas pipeline and related facilities, including above-ground facilities, and acquisition of the existing 83 km (52 miles) Ekwan pipeline from EnCana Corporation. The Horn River project would connect new shale natural gas supply in the Horn River basin north of Fort Nelson, B.C. to the Alberta System. Total contractual commitments for Horn River have increased to 503 million cubic feet per day (mmcf/d) by 2014 from 378 mmcf/d as a result of newly contracted volumes from a recently announced natural gas processing facility that will be located in the Horn River area. As part of the Horn River project, in November 2009, TransCanada entered into an agreement to acquire the Ekwan pipeline, which is expected to close in September 2011. In February 2010, the Company filed an application with the NEB for approval to construct and operate the Horn River project. Subject to regulatory approvals, the Horn River project is anticipated to commence operations in second quarter 2012. The total capital cost of the project is expected to be approximately \$310 million.

Both the Groundbirch and Horn River projects are proposed as extensions to the Alberta System, which would provide B.C. producers with direct integrated gas transmission service from receipt points in B.C. These pipeline projects would also increase netbacks to producers and throughput on the Alberta System and increase usage of the Nova Inventory Transfer commercial hub that is used by buyers and sellers of natural gas throughout North America.

NOVA Gas Transmission Ltd. (NGTL) and Canadian Utilities Limited (ATCO Pipelines) continue to work towards obtaining the necessary regulatory approvals to provide commercial and operational integrated services to shippers on the Alberta System and the ATCO Pipelines system in Alberta. Final decisions from the AUC and NEB are expected by mid-2010

with implementation occurring within 12 months following receipt of required regulatory approvals. The integration of commercial and operational services on the Alberta System and ATCO Pipelines system will create the effect of a single integrated natural gas transmission system in Alberta, resulting in more efficient transportation of natural gas for customers.

During 2009, TransCanada negotiated an Alberta System Rate Design Settlement with all key stakeholders. This rate design addresses the evolving nature of the Alberta System and the commercial and operational integration of ATCO Pipelines. It also incorporates a single delivery service for all delivery points resulting from the amalgamation of the current intra-Alberta and export delivery services. The changes are expected to improve the Alberta System's services by making them more consistent and adding flexibility for customers. The Company filed a combination application with the NEB on November 27, 2009 for approval of both the Rate Design Settlement and the integration of commercial and operational services on the Alberta System and ATCO Pipelines' system in Alberta. A final decision is expected from the NEB by mid-2010 with implementation occurring within the 12 months following approval.

**TQM** In March 2009, TQM received the NEB's decision on its cost of capital application for 2007 and 2008, which requested an 11 per cent return on 40 per cent deemed common equity. The NEB set a 6.4 per cent ATWACC for each of the two years, which equates to a 9.85 per cent return on 40 per cent deemed common equity in 2007 and a 9.75 per cent return on 40 per cent deemed common equity in 2008. Prior to the decision, TQM was subject to the NEB ROE formula of 8.46 per cent and 8.71 per cent for 2007 and 2008, respectively, on deemed common equity of 30 per cent. In June 2009, the NEB approved TQM's final tolls for 2007 and 2008, which reflected the 6.4 per cent ATWACC.

**Ventures LP** In May 2009, the AUC concluded an investigation of the rates on Ventures LP and determined they are unjust and unreasonable. The AUC sought an Order in Council from the Alberta government to proceed with a process to establish new rates. In September 2009, the Alberta Court of Appeal granted Ventures LP leave to appeal the AUC's decision. The appeal is expected to be heard in March 2010.

**ANR** In 2009, ANR received regulatory approval of the Wisconsin 2009 Project to construct a pipeline with capacity of approximately 97 mmcf/d that will deliver incremental natural gas to Wisconsin markets. A portion of the pipeline was placed in service in 2009. The remainder of the project is expected to be completed in 2010.

In 2009, four new interstate pipelines made supply interconnections with ANR's southeast leg, comprising a combined interconnect capacity of 1.5 Bcf/d. The interconnections increased ANR's access to natural gas supply from the mid-continent shale and Rocky Mountain regions, and from a Gulf Coast LNG regassification terminal.

In September 2008, certain portions of ANR's Gulf of Mexico offshore facilities were damaged by Hurricane Ike. The Company estimates its total exposure to damage costs to be approximately US\$30 million to US\$40 million, mainly to replace, repair and abandon capital assets, including the estimated cost to abandon an offshore platform. At December 31, 2009, related capital expenditures of US\$11 million (2008 US\$2 million) and OM&A costs of US\$7 million (2008 US\$6 million) had been incurred. The remaining costs are expected to be incurred in 2010 and 2011, with the majority to be incurred in 2011. Service on the offshore facilities has been restored and related throughput volumes have returned to pre-hurricane levels.

**Portland** In April 2008, Portland filed a general rate case with the FERC proposing a rate increase of approximately six per cent as well as other changes to its tariff. In May 2009, Portland reached a settlement with its customers on certain short-term issues in its rate case. The partial settlement was filed with the FERC for approval and a decision is expected in 2010. The remaining issues were litigated and Portland received the Initial Decision from the Administrative Law Judge in December 2009. Participants in the rate case have an opportunity to respond to the Initial Decision. The FERC is expected to issue its final decision on the litigated portion of the rate case in fourth quarter 2010.

**PipeLines LP/North Baja** On July 1, 2009, TransCanada sold North Baja to PipeLines LP. As part of the transaction, TransCanada agreed to amend its incentive distribution rights with PipeLines LP. Under the amendment, TransCanada received additional common units in exchange for a resetting of its incentive distribution rights at a lower percentage which escalates with increases in PipeLines LP's distributions. TransCanada received aggregate consideration totalling approximately US\$395 million from PipeLines LP, including US\$200 million in cash and 6,371,680 common units of PipeLines LP. TransCanada's ownership in PipeLines LP increased to 42.6 per cent as a result of this transaction and TransCanada continues to operate North Baja. TransCanada's ownership in PipeLines LP was reduced to 38.2 per cent in November 2009 after PipeLines LP's public issuance of common units.

**Great Lakes** In November 2009, the FERC initiated an investigation to determine whether Great Lakes' rates are just and reasonable. In response, Great Lakes filed a cost and revenue study with the FERC on February 4, 2010. A hearing is scheduled to commence on August 2, 2010, and an Initial Decision is required in November 2010. The impact of the investigation on Great Lakes' rates and revenues is unknown at this time.

**Palomar** In December 2008, Palomar Gas Transmission LLC applied to the FERC for a certificate to build a 349 km (217 miles) natural gas pipeline extending from GTN in central Oregon, to the Columbia River northwest of Portland. The proposed pipeline has a capacity of up to 1.3 Bcf/d of natural gas. The project is a 50/50 joint venture between GTN and Northwest Natural Gas Co. Palomar is currently in discussions with potential shippers to secure shipping commitments for the project.

**Guadalajara** In May 2009, TransCanada entered into a contract to build, own and operate a US\$320 million pipeline in Mexico, which is supported by a 25 year contract for its entire capacity with the Comisión Federal de Electricidad, Mexico's state-owned electric power company. The Guadalajara pipeline project is a proposed natural gas pipeline of approximately 305 km (190 miles) extending from Manzanillo to Guadalajara. Regulatory approvals were received in December 2009 and construction is underway with an expected in-service date of first quarter 2011.

**U.S. Rockies Pipeline Projects** The Bison project is a 487 km (303 miles) proposed natural gas pipeline from the Powder River Basin in Wyoming connecting to Northern Border in North Dakota. The FERC issued a Final Environmental Impact Statement in December 2009 and the project is in the final stages of the regulatory approval process. The Company expects to commence construction in May 2010. The pipeline has shipping commitments for approximately 407 mmcf/d and is expected to be placed in service in fourth quarter 2010. The capital cost of the Bison pipeline project is estimated to be US\$600 million.

Previously, TransCanada was working to develop the Pathfinder and Sunstone pipeline projects, which were proposed to deliver natural gas from the Rocky Mountains to various U.S. markets. Based on market conditions, TransCanada has elected to consolidate its Rocky Mountain development plans and will pursue additional development opportunities using the Bison pipeline as a platform for medium-term growth.

**Alaska Pipeline Project** In November 2007, TransCanada submitted an application to the State of Alaska for a license to construct the Alaska pipeline project under the *Alaska Gasline Inducement Act* (AGIA). In January 2008, the State of Alaska determined that TransCanada's application was the only proposal that met all of the state's requirements and the AGIA license was issued to TransCanada in December 2008. Under the AGIA, the State of Alaska has agreed to reimburse a share of TransCanada's eligible pre-construction costs, as they are incurred, and approved by the state to a maximum of US\$500 million.

In June 2009, TransCanada entered into an agreement with ExxonMobil to jointly advance the project. A joint project team is developing the engineering, environmental, aboriginal relations and commercial work.

The proposed Alaska pipeline project is a 4.5 Bcf/d natural gas pipeline extending 2,737 km (1,700 miles) from a new natural gas treatment plant at Prudhoe Bay, Alaska to Alberta. This pipeline will provide access to diverse markets across

North America and is expected to have an estimated capital cost of US\$32 billion to US\$41 billion. The pipeline construction application included provisions to expand capacity up to 5.9 Bcf/d through the addition of compressor stations in Alaska and Canada. The current estimated capital cost for the project is an increase over previously stated estimates. The latest estimate is based on increased costs for oil and gas projects from 2007 to 2009 and a significant increase in the estimated cost of building the gas treatment plant at Prudhoe Bay. TransCanada also proposed an alternate pipeline from Prudhoe Bay to Valdez, Alaska to supply LNG markets with an estimated capital cost of US\$20 billion to US\$26 billion.

On January 29, 2010, the Alaska pipeline project filed to obtain FERC approval to conduct an open season. If approval is granted, an open season offering is expected to be provided to potential shippers at the end of April 2010 for their assessment until July 2010. Both project options will be offered to shippers as alternative projects and both options have an expected in-service date of 2020. TransCanada is continuing to work with potential shippers for the initial open season.

**Mackenzie Gas Pipeline Project** The MGP is a proposed 1,200 km (746 miles) natural gas pipeline extending from a point near Inuvik, Northwest Territories to the northern border of Alberta, where it will connect to the Alberta System.

TransCanada's involvement with the MGP arises from a 2003 agreement between the Mackenzie Valley Aboriginal Pipeline Group (APG) and the MGP, whereby TransCanada agreed to finance the APG's one-third share of the pre-development costs associated with the project. These costs, on a cumulative basis, are currently forecast to be between \$150 million and \$200 million. Under the terms of certain MGP agreements, TransCanada holds an option to acquire up to a five per cent equity ownership in the MGP at the time of the decision to construct it. In addition, TransCanada gains certain rights of first refusal to acquire 50 per cent of any divestitures by existing partners and an entitlement to obtain a one-third interest in all expansion opportunities once the APG reaches a one-third ownership share, with the other natural gas pipeline owners and the APG sharing the balance.

Cumulative advances to the APG by TransCanada totalled \$143 million at December 31, 2009 (2008 \$140 million) and are included in intangibles and other assets. These advances constitute a loan to the APG, which becomes repayable only after the natural gas pipeline commences commercial operations. The total amount of the loan is expected to form part of the rate base of the pipeline and to be repaid from the APG's share of future natural gas pipeline revenues or from alternate financing. If the project does not proceed, TransCanada has no recourse against the APG for recovery of advances made.

TransCanada and the other co-venture companies involved in the MGP continue to pursue approval of the proposed project, focusing on obtaining regulatory approval and the Canadian government's support of an acceptable fiscal framework. The regulatory process reached a milestone in late December 2009 with the release of the Joint Review Panel's report on environmental and socio-economic factors relating to the project. The report has been submitted to the NEB as part of the review process required for approval of the project. The NEB review is scheduled to conclude with final arguments in April 2010. A decision by the NEB is currently expected by fourth quarter 2010. Project timing continues to be uncertain. In the event the co-venture group is unable to reach an agreement with the government on an acceptable fiscal framework, the parties will need to determine the appropriate next steps for the project. For TransCanada, this may result in a reassessment of the carrying amount of the APG advances.

## **PIPELINES BUSINESS RISKS**

**Natural Gas Supply, Markets and Competition** TransCanada faces competition at both the supply and market ends of its natural gas pipelines systems. This competition comes from other natural gas pipelines accessing the increasingly mature WCSB and markets served by TransCanada's pipelines as well as from natural gas supplies produced in basins not directly served by the Company. Growth in supply and pipeline infrastructure has increased competition throughout

North America. Production in the U.S. has increased, driven primarily by shale gas, while WCSB production has declined. The lower cost shale gas in the U.S. has resulted in an increase in competition between supply basins, changes to traditional flow patterns and an increase in choices for customers. This change has contributed to a continued reduction in long-term firm contracted capacity and a shift to short-term firm and interruptible contracts.

Although TransCanada has diversified its natural gas supply sources through recent pipeline acquisitions, many of its North American natural gas pipelines and its transmission infrastructure remain dependent on supply from the WCSB. The WCSB has established natural gas reserves of approximately 61 trillion cubic feet and a reserves-to-production ratio of approximately 11 years at current levels of production. Supply from the WCSB has declined in recent years due to a continued reduction in drilling activity in the basin. The reduced drilling activity is a result of lower prices, higher supply costs, which include increased royalties in Alberta, and competition for capital from other North American gas production basins that have lower exploration costs. Drilling levels in the WCSB are expected to recover in the future, assuming natural gas prices stabilize and finding and development costs become more economical. TransCanada expects there will be excess natural gas pipeline capacity from the WCSB for the foreseeable future as a result of capacity expansions on its natural gas pipelines over the past decade, competition from other pipelines, and significant growth in natural gas consumption within Alberta driven by oilsands and electricity generation requirements.

TransCanada's Alberta System is the major natural gas gathering and transportation system for the WCSB, connecting most of the natural gas processing plants in Alberta to domestic and export markets. Despite reduced overall drilling levels, activity remains robust in certain areas of the WCSB, which has resulted in the need for new transmission infrastructure. Drilling activity has increased in northwestern Alberta, near Grande Prairie, and in northeastern B.C., near Dawson Creek, as producers develop projects to access multi-zone reserves with deeper wells and to access unconventional shale gas utilizing horizontally drilled wells. Recently, shale gas production in B.C. has emerged as a potentially significant natural gas supply source. TransCanada currently forecasts 3.5 Bcf/d total production from the Montney and Horn River shale gas sources by 2020. TransCanada is currently pursuing two major extensions of its Alberta System that would allow emergent unconventional B.C. gas production from the Montney and Horn River shale gas plays to be transported to markets served by TransCanada's pipeline systems.

Demand for natural gas in Eastern Canada and the U.S. Northeast decreased in 2009 largely as a result of a reduction in industrial demand caused by the global recession. However, future demand for natural gas in TransCanada's key eastern markets, which are served by the Canadian Mainline, is expected to increase over time, particularly to meet the expected growth in natural gas-fired power generation. Although there are opportunities to increase market share in Canadian domestic and U.S. export markets, TransCanada faces significant competition in these markets. Consumers in the northeastern U.S. generally have access to an array of natural gas pipeline and supply options. Eastern markets that historically received Canadian supplies only from TransCanada's systems are now able to receive supplies from new natural gas pipelines that source U.S. and Atlantic Canada supplies. In recent years, the Canadian Mainline has experienced reductions in volumes originating at the Alberta border and in Saskatchewan, which have been partially offset by increases in volumes originating at points east of Saskatchewan. These net volume reductions have resulted in an increase in Canadian Mainline tolls that adversely affects its competitive position.

ANR's directly connected natural gas supply is primarily sourced from the Gulf of Mexico and mid-continent U.S. regions, which are also served by competing natural gas pipelines. The Gulf of Mexico region is highly competitive given its extensive natural gas pipeline network. ANR is one of many interstate and intrastate pipelines competing for new and existing production as well as for new supplies from pipelines originating in the mid-continent shale and Rocky Mountain production regions, and from new and existing Gulf Coast LNG regassification terminals. ANR has competition from other natural gas pipelines and storage operations in its primary markets in the U.S. Midwest. In addition to pipeline competition for market and supply, difficult economic conditions have reduced natural gas demand and may put future ANR capacity renewals at risk. As lower natural gas prices reduce drilling activity, the supply growth that has been fuelling the expansion of pipeline infrastructure in the mid-continent could slow down but is still



expected to exceed demand requirements in the near term. These factors could negatively affect the value of pipeline capacity as transportation capacity becomes more abundant.

ANR's natural gas storage is primarily contracted on a short-term basis of three to five years. Storage is recontracted based on current market conditions, which may become unfavourable and result in reduced rates and terms.

GTN must compete with other pipelines to access natural gas supplies and markets. Transportation service capacity on GTN provides customers in the U.S. Pacific Northwest, California and Nevada with access to supplies of natural gas primarily from the WCSB. These three markets may also access supplies from other basins. In the Pacific Northwest market, natural gas transported on GTN competes with the Rocky Mountain natural gas supply and with additional Western Canadian supply transported by other pipelines. Historically, natural gas supplies from the WCSB have been competitively priced in relation to supplies from the other regions serving these markets. Recently, low natural gas prices have reduced drilling and production in the WCSB resulting in increased competition for supply which could negatively impact transportation value on GTN. Pacific Gas and Electric Company, GTN's largest customer, has received California Public Utilities Commission approval to commit to capacity on a proposed competing project out of the Rocky Mountain basin to the California border.

**Crude Oil Supply, Markets and Competition** Alberta is the primary source of crude oil supply for Keystone, producing approximately 79 per cent of the oil in the WCSB. In 2009, the WCSB produced an estimated 2.5 million Bbl/d, comprised of 1.1 million Bbl/d of conventional crude oil and condensate, and 1.4 million Bbl/d of crude oil from Alberta's oilsands. The production of conventional crude oil has been declining but has been offset by increases in production from the Alberta oilsands. The Alberta Energy Resources Conservation Board estimated in its June 2009 report that there are approximately 170 billion barrels of remaining established reserves in the Alberta oilsands.

In June 2009, the Canadian Association of Petroleum Producers forecasted WCSB crude oil supply would increase to 3.3 million Bbl/d by 2015 and to 3.9 million Bbl/d by 2020 from 2.4 million Bbl/d in 2008. In first quarter 2010, crude oil producers announced plans to undertake approximately \$8 billion of new oilsands projects, indicating future growth in Alberta oilsands production.

Keystone currently has contracted a significant portion of its capacity. Keystone will compete for spot market throughput with other crude oil pipelines from Alberta and for new long-term contracts as supply from the WCSB increases.

Keystone's markets for crude oil are refiners in the U.S. Midwest and Gulf Coast regions. Keystone will compete with pipelines that deliver WCSB crude oil to these markets through interconnections with other pipelines. Keystone will also compete with U.S. domestically produced crude oil and imported crude oil for markets in the U.S. Midwest and Gulf Coast regions.

**Regulatory Financial Risk** Regulatory decisions continue to have a significant impact on the financial returns from existing investments in TransCanada's Canadian pipelines and are expected to have a similarly significant impact on financial returns from future investments. Through rate applications and negotiated settlements, TransCanada has been able to improve the financial returns of its Canadian pipeline capital structures.

Regulations and decisions by regulatory bodies, particularly those issued in the U.S. by the FERC, Environmental Protection Agency and Department of Transportation, may have a significant impact on the financial returns from TransCanada's existing investments in U.S. pipelines. TransCanada continually monitors existing and proposed regulations to determine the possible impact on its U.S. pipelines.

**Throughput Risk** As transportation contracts expire, TransCanada's U.S. natural gas pipelines are expected to become more exposed to the risk of reduced throughput and their revenues are more likely to experience increased variability.

Throughput risk is created by supply and market competition, economic activity, weather variability, natural gas pipeline competition and pricing of alternative fuels.

**Execution and Capital Cost Risk** Capital costs related to the construction of Keystone are subject to a capital cost risk- and reward-sharing mechanism with TransCanada's customers. This mechanism allows Keystone to adjust its tolls by a factor based on the percentage change in the capital cost of the project. Tolls for the portion of Keystone to Wood River, Patoka and Cushing will be adjusted by a factor equal to 50 per cent of the percentage change in capital cost. Tolls on the expansion to the Gulf Coast would be adjusted by a factor equal to 75 per cent of the percentage change in capital cost.

Refer to the Risk Management and Financial Instruments section of this MD&A for information on additional risks and managing risks in the Pipelines business.

## PIPELINES OUTLOOK

Although demand for natural gas and crude oil has declined and is expected to remain relatively weak in North America in 2010 due to the current economic conditions, the Company expects demand to increase in the long term. TransCanada's Pipelines business will continue to focus on the delivery of natural gas and crude oil to growing markets, connecting new supply and progressing development of new infrastructure to connect natural gas from the north and unconventional supplies such as shale gas, coalbed methane and LNG.

Reduced throughput and greater use of shorter distance transportation contracts are the primary factors contributing to an increase in the Canadian Mainline's toll of approximately 40 per cent in 2010 from 2009. This situation, coupled with the ongoing development and growth of competitive alternative natural gas supply and infrastructure from U.S. shale gas regions, is increasing competitive pressures on the Canadian Mainline. In response, TransCanada has initiated a process to examine the Canadian Mainline's rate design, business model and available services to develop solutions that would result in higher throughput and revenue as well as lower costs and tolls. TransCanada is also pursuing the connection of new sources of U.S. gas supply to the existing Canadian Mainline infrastructure to maintain its current markets and competitive position.

Most of TransCanada's expansion plans in Canadian natural gas transmission are focused on the Alberta System. TransCanada is actively involved in expanding the Alberta System to serve the growing shale gas regions in northeastern B.C. Additional growth opportunities for the Alberta System include the west and central foothills regions of Alberta.

In the U.S., TransCanada expects unconventional production will continue to be developed from shale gas reservoirs in east Texas, northwest Louisiana, Arkansas, southwest Oklahoma and the Appalachian Mountain region. Supplies from coalbed methane and tight gas sands in the Rocky Mountain region are also expected to grow. Additionally, in the medium to long term, some level of incremental supply is anticipated from LNG imports into the U.S., particularly in the summer months. The resulting growth in U.S. supply is expected to provide additional opportunities for TransCanada. In particular, the southwest leg of ANR is expected to continue to remain fully subscribed for the foreseeable future and new transport routes are being developed to move additional Rocky Mountain and shale gas production to mid-western and eastern U.S. markets, including interconnections with ANR. The southeast leg of ANR is well positioned and has capacity to transport additional volumes of unconventional and Rocky Mountain natural gas production as well as LNG.

Producers continue to develop new crude oil supply in Western Canada. Several Alberta oilsands projects recently completed or under construction will begin to produce oil or will increase crude oil production in 2010 and 2011. Oilsands production is forecast to increase to 2.2 million Bbl/d by 2015 from 1.2 million Bbl/d in 2008 and total Western Canada crude oil supply is projected to grow over the same period to 3.3 million Bbl/d from 2.4 million Bbl/d. Most of this growth is in heavy crude oil supply. The primary market for new crude oil production extends from the

U.S. Midwest to the Gulf Coast and contains a large number of refineries that are well equipped to handle Canadian light and heavy crude oil blends. Incremental western Canadian crude oil production is expected to replace declining U.S. imports of crude oil from other countries.

The increase in WCSB crude oil exports from Alberta requires access to new markets, including the Gulf Coast. TransCanada will continue to pursue additional opportunities to move crude oil from Alberta to U.S. markets.

TransCanada will continue to focus on operational excellence and collaboration with all stakeholders to achieve negotiated settlements and provision of services that will increase the value of the Company's business.

**Earnings** The Company expects continued growth on its Alberta System. TransCanada also anticipates a modest level of investment in its other Canadian natural gas pipelines but expects a continued net decline in the average investment bases of these pipelines due to annual depreciation. A net decline in the average investment base has the effect of reducing year-over-year earnings from these assets. Under the current regulatory model, earnings from Canadian pipelines are not affected by short-term fluctuations in the commodity price of natural gas, changes in throughput volumes or changes in contract levels. In addition, Pipelines' EBITDA is expected to be affected by costs to develop new pipeline projects, including the Alaska pipeline project.

Reduced firm transportation contract volumes due to customer defaults, lower supply available for export from the WCSB and expiry of long-term contracts could have a negative impact on short-term earnings from TransCanada's U.S. natural gas pipelines, unless the available capacity can be recontracted. The ability to recontract available capacity is influenced by prevailing market conditions and competitive factors, including competing natural gas pipelines and supply from other natural gas sources in markets served by TransCanada's U.S. pipelines. EBITDA from Pipelines' foreign operations is also impacted by changes in foreign currency exchange rates.

EBITDA from Keystone is expected to commence in 2010 and continue to increase over the short term until all phases of Keystone are fully operational in 2013. Refer to the Pipelines Opportunities and Developments section of this MD&A for further information on Keystone's expected EBITDA.

**Capital Expenditures** Total capital spending for all pipelines in 2009 was \$3.9 billion. Capital spending for the wholly owned pipelines in 2010, including Keystone, is expected to be approximately \$4.7 billion.

**NATURAL GAS THROUGHPUT VOLUMES***(Bcf)*

	<b>2009</b>	2008	2007
Canadian Mainline <sup>(1)</sup>	<b>2,030</b>	2,173	2,315
Alberta System <sup>(2)</sup>	<b>3,538</b>	3,800	4,020
ANR <sup>(3)</sup>	<b>1,575</b>	1,619	1,189
Foothills	<b>1,205</b>	1,292	1,441
GTN	<b>797</b>	783	827
Great Lakes	<b>727</b>	784	829
Northern Border	<b>614</b>	731	800
Iroquois	<b>355</b>	376	394
TQM	<b>164</b>	170	207
Ventures LP	<b>145</b>	165	178
North Baja	<b>96</b>	104	90
Gas Pacifico	<b>62</b>	73	71
Tamazunchale	<b>54</b>	53	29
Portland	<b>37</b>	50	58
Tuscarora	<b>35</b>	30	28
TransGas	<b>28</b>	26	24

(1) Canadian Mainline's throughput volumes in the above table reflect physical deliveries to domestic and export markets. Throughput volumes reported in previous years reflected contract deliveries. However, customer contracting patterns have changed in recent years making physical deliveries a better measure of system utilization. Canadian Mainline physical receipts originating at the Alberta border and in Saskatchewan in 2009 were 1,579 Bcf (2008 1,898 Bcf; 2007 2,090 Bcf).

(2) Field receipt volumes for the Alberta System in 2009 were 3,550 Bcf (2008 3,843 Bcf; 2007 4,047 Bcf).

(3) ANR's results include delivery volumes from its acquisition date of February 22, 2007.

The following Energy assets are owned 100 per cent by TransCanada unless otherwise stated.

**BEAR CREEK** An 80 MW natural gas-fired cogeneration plant located near Grande Prairie, Alberta.

**MACKAY RIVER** A 165 MW natural gas-fired cogeneration plant located near Fort McMurray, Alberta.

**REDWATER** A 40 MW natural gas-fired cogeneration plant located near Redwater, Alberta.

**SUNDANCE A&B** TransCanada has the rights to 100 per cent of the generating capacity of the 560 MW Sundance A coal-fired power generating facility under a PPA that expires in 2017. TransCanada also has the rights to 50 per cent of the generating capacity of the 706 MW Sundance B facility under a PPA that expires in 2020. The Sundance facilities are located in south-central Alberta.



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**SHEERNESS** TransCanada has the rights to 756 MW of generating capacity from the Sheerness coal-fired plant under a PPA that expires in 2020. The Sheerness plant is located in southeastern Alberta.

**CARSELAND** An 80 MW natural gas-fired cogeneration plant located near Carseland, Alberta.

**CANCARB** A 27 MW facility located in Medicine Hat, Alberta fuelled by waste heat from TransCanada's adjacent facility producing thermal carbon black (a natural gas by-product).

**BRUCE POWER** Bruce Power is a nuclear generating facility located northwest of Toronto, Ontario. TransCanada owns 48.8 per cent of Bruce A, which has four 750 MW reactors. Two of these reactors are currently operating with the remaining two being refurbished. TransCanada owns 31.6 per cent of Bruce B, which has four operating reactors with a combined capacity of approximately 3,200 MW.

**HALTON HILLS** A 683 MW natural gas-fired power plant under construction near Halton Hills, Ontario.

**PORTLANDS ENERGY** A 550 MW natural gas-fired, combined-cycle power plant located in Toronto, Ontario. The plant is 50 per cent owned by TransCanada.

**OAKVILLE** A proposed 900 MW natural gas-fired, combined-cycle power plant under development in Oakville, Ontario.

**BÉCANCOUR** A 550 MW natural gas-fired cogeneration power plant located near Trois-Rivières, Québec.

**CARTIER WIND** The 590 MW Cartier Wind farm consists of five wind power projects located in Québec and is 62 per cent owned by TransCanada. Three of the wind farms, Baie-des-Sables, Anse-à-Valleau and Carleton, are in service and have a total generating capacity of 320 MW. Construction activity has begun on the two remaining wind farms, which have a total generating capacity of 270 MW.

**GRANDVIEW** A 90 MW natural gas-fired cogeneration power plant located in Saint John, New Brunswick.

**KIBBY WIND** A 132 MW wind power project located in Kibby and Skinner Townships in Maine. The first phase of the project is operating and has a generating capacity of 66 MW. Phase two is under construction and will have a generating capacity of 66 MW.

**TC HYDRO** TC Hydro has a total generating capacity of 583 MW and is comprised of 13 hydroelectric facilities, including stations and associated dams and reservoirs, on the Connecticut and Deerfield rivers in New Hampshire, Vermont and Massachusetts.

**OSP** A 560 MW natural gas-fired, combined-cycle facility located in Burrillville, Rhode Island.

**RAVENSWOOD** A 2,480 MW multiple unit generating facility located in Queens, New York, employing dual-fuel capable steam turbine, combined-cycle and combustion turbine technology.

**COOLIDGE** A 575 MW simple-cycle, natural gas-fired peaking power facility under construction in Coolidge, Arizona.

**EDSON** An underground natural gas storage facility connected to the Alberta System near Edson, Alberta. Edson's central processing system is capable of maximum injection and withdrawal rates of 725 mmcf/d of natural gas, and has a working storage capacity of approximately 50 Bcf.

**CROSSALTA** A 68 Bcf underground natural gas storage facility connected to the Alberta System near Crossfield, Alberta. CrossAlta's central processing system is capable of maximum injection and withdrawal rates of 550 mmcf/d of natural gas. TransCanada owns 60 per cent of CrossAlta.

**ENERGY HIGHLIGHTS**

Energy's comparable EBITDA was \$1.1 billion in 2009, a decrease of \$0.1 billion from \$1.2 billion in 2008.

In 2009, the Company invested \$1.5 billion in Energy capital projects, including:

The 550 MW Portlands Energy facility, which was fully commissioned in April 2009 and completed under budget; and

the first phase of the Kibby Wind power project, which was placed in service in October 2009, six weeks ahead of schedule, and was also completed under budget.

In July 2009, Bruce Power and the OPA amended certain terms and conditions included in the Bruce Power Refurbishment Implementation Agreement. The amendments are consistent with the intent of the contract, originally signed in 2005, and recognize the significant changes in Ontario's electricity market.

The Bruce A Unit 1 and 2 refurbishment and restart project continues. Unit 2 is expected to return to service in mid-2011 with Unit 1 to follow approximately four months later. TransCanada expects its share of the capital costs to complete this project to be approximately \$2 billion.

Approximately 3,100 MW of generation capacity was under construction and in development at December 31, 2009, at an anticipated capital cost of approximately \$7 billion.

**POWER PLANTS NOMINAL GENERATING CAPACITY AND FUEL TYPE**

	MW	Fuel Type
<b>Canadian Power</b>		
Western Power		
Sheerness	756	Coal
Coolidge <sup>(1)</sup>	575	Natural gas
Sundance A	560	Coal
Sundance B <sup>(2)</sup>	353	Coal
MacKay River	165	Natural gas
Carseland	80	Natural gas
Bear Creek	80	Natural gas
Redwater	40	Natural gas
Cancarb	27	Natural gas
	2,636	
<b>Eastern Power</b>		
Oakville <sup>(1)</sup>	900	Natural gas
Halton Hills <sup>(1)</sup>	683	Natural gas
Bécancour	550	Natural gas
Cartier Wind <sup>(1)(3)</sup>	365	Wind
Portlands Energy <sup>(4)</sup>	275	Natural gas
Grandview	90	Natural gas
	2,863	
Bruce <sup>(5)</sup>	2,480	Nuclear



	7,979	
<b>U.S. Power</b>		
Ravenswood	2,480	Natural gas/oil
TC Hydro	583	Hydro
OSP	560	Natural gas
Kibby Wind <sup>(1)</sup>	132	Wind
	3,755	
<b>Total nominal generating capacity<sup>(1)</sup></b>	<b>11,734</b>	

(1) Coolidge, Halton Hills, two Cartier Wind farms (168 MW) and phase two of Kibby Wind (66 MW) are currently under construction. Oakville is currently under development.

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- (2) Represents TransCanada's 50 per cent share of the Sundance B power plant output.
- (3) Represents TransCanada's 62 per cent share of this total 590 MW project.
- (4) Represents TransCanada's 50 per cent share of this 550 MW facility.
- (5) Represents TransCanada's 48.8 per cent proportionate interest in Bruce A and 31.6 per cent proportionate interest in Bruce B.

**ENERGY RESULTS**

Year ended December 31 (*millions of dollars*)

	2009	2008	2007
<b>Canadian Power</b>			
Western Power	279	510	385
Eastern Power	220	147	120
Bruce Power	352	275	240
General, administrative and support costs	(39)	(39)	(35)
<b>Canadian Power Comparable EBITDA<sup>(1)</sup></b>	<b>812</b>	893	710
<b>U.S. Power</b>			
Northeast Power	237	272	184
General, administrative and support costs	(45)	(41)	(32)
<b>U.S. Power Comparable EBITDA<sup>(1)</sup></b>	<b>192</b>	231	152
<b>Natural Gas Storage</b>			
Alberta Storage	173	152	151
General, administrative and support costs	(9)	(14)	(14)
<b>Natural Gas Storage Comparable EBITDA<sup>(1)</sup></b>	<b>164</b>	138	137
<b>Business Development Comparable EBITDA<sup>(1)</sup></b>	<b>(37)</b>	(52)	(55)
<b>Energy Comparable EBITDA<sup>(1)</sup></b>	<b>1,131</b>	1,210	944
Depreciation and amortization	(347)	(258)	(216)
<b>Energy Comparable EBIT<sup>(1)</sup></b>	<b>784</b>	952	728
Specific items:			
Fair value adjustments of natural gas inventory in storage and forward contracts	1		10
Writedown of Broadwater LNG project costs		(41)	
Gain on sale of land			16
<b>Energy EBIT<sup>(1)</sup></b>	<b>785</b>	911	754

(1) Refer to the Non-GAAP Measures section in this MD&A for further discussion of comparable EBITDA, comparable EBIT and EBIT.

Energy's comparable EBIT was \$784 million in 2009 compared to \$952 million in 2008. Comparable EBIT excluded net unrealized gains of \$1 million and nil in 2009 and 2008, respectively, resulting from changes in the fair value of proprietary natural gas inventory in storage and natural gas forward purchase and sale contracts. Comparable EBIT in 2008 excluded the \$41 million writedown of costs previously capitalized for the Broadwater LNG project.

Energy's comparable EBIT in 2008 of \$952 million increased \$224 million compared to \$728 million in 2007. Comparable EBIT in 2007 excluded a \$16 million gain on sale of land and \$10 million of net unrealized gains resulting from changes in the fair value of proprietary natural gas inventory in storage and natural gas forward purchase and sale contracts.

## ENERGY FINANCIAL ANALYSIS

**Western Power** As at December 31, 2009, Western Power owned or had the rights to approximately 2,600 MW of power supply in Alberta and the Western U.S. from its three long-term PPAs, five natural gas-fired cogeneration facilities and a simple-cycle, natural gas peaking facility under construction in Arizona. The current operating power supply portfolio of Western Power in Alberta comprises approximately 1,700 MW of low-cost, base-load coal-fired generation supply through the three long-term PPAs and approximately 400 MW of natural gas-fired cogeneration assets. This supply portfolio includes some of the lowest cost, most competitive generation in the Alberta market area. The Sheerness and Sundance B PPAs expire in 2020, while the Sundance A PPA expires in 2017. Plant operations in Alberta consist of five natural gas-fired cogeneration power plants ranging from 27 MW to 165 MW per facility. A portion of the expected output from these facilities is sold under long-term contracts and the remaining output is subject to fluctuations in the price of power and natural gas.

Western Power relies on its two integrated functions, marketing and plant operations, to generate earnings. The marketing function, based in Calgary, Alberta, purchases and resells electricity sourced through the PPAs, markets uncommitted volumes from the cogeneration facilities, and purchases and resells power and natural gas to maximize the value of the cogeneration facilities. The marketing function is critical for optimizing Energy's return from its portfolio of power supply and managing risks associated with uncontracted volumes. A portion of Energy's power is sold into the spot market to ensure supply in case of unexpected plant outages. The overall amount of spot market volumes is dependent upon the ability to transact in forward sales markets at acceptable contract terms. This approach to portfolio management helps to minimize costs in situations where TransCanada would otherwise have to purchase electricity in the open market to fulfil its contractual sales obligations. To reduce exposure to spot market prices on uncontracted volumes, as at December 31, 2009, Western Power had fixed-price power sales contracts to sell approximately 8,400 gigawatt hours (GWh) in 2010 and 6,000 GWh in 2011.

**Eastern Power** Eastern Power owns approximately 2,900 MW of power generation capacity, including facilities under construction or in the development phase. Eastern Power's current operating power generation assets are Bécancour, three Cartier Wind farms, Portlands Energy and Grandview.

Bécancour's entire power output is supplied to Hydro-Québec under a 20 year power purchase contract expiring in 2026. Steam from this facility is sold to an industrial customer for use in commercial processes. Electricity generation at the Bécancour power plant has been temporarily suspended since January 2008 due to an agreement entered into with Hydro-Québec. Under the agreement TransCanada continues to receive payments similar to those that would have been received under the normal course of operation. The suspension of the Bécancour power facility is discussed further in the Energy Opportunities and Developments section of this MD&A.

Cartier Wind's three wind farms, Carleton, Anse-à-Valleau, and Baie-des-Sables, were placed into service in November 2008, November 2007 and November 2006, respectively. Output from these wind farms is supplied to Hydro-Québec under 20 year power purchase contracts.

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Portlands Energy was placed into service in April 2009. This facility provides power under a 20 year Accelerated Clean Energy Supply contract with the OPA.

Grandview is located on the site of the Irving oil refinery in Saint John, New Brunswick. Irving is under a 20 year tolling arrangement, which expires in 2025, to supply fuel for the plant and to contract 100 per cent of the 90 MW plant's heat and electricity output.

Eastern Power is focused on selling power under long-term contracts. In 2007, 2008 and 2009, all of Eastern Power sales volumes were sold under contract and are expected to continue to be 100 per cent sold under contract for 2010 and 2011.

### Western and Eastern Canadian Power Comparable EBITDA<sup>(1)(2)</sup>

Year ended December 31 (*millions of dollars*)

	2009	2008	2007
Revenues			
Western power	788	1,140	1,045
Eastern power	281	175	400
Other <sup>(3)</sup>	184	186	89
	<b>1,253</b>	1,501	1,534
Commodity purchases resold			
Western power	(451)	(517)	(550)
Eastern power			(2)
Other <sup>(4)</sup>	(124)	(112)	(65)
	<b>(575)</b>	(629)	(617)
Plant operating costs and other	(179)	(215)	(412)
General, administrative and support costs	(39)	(39)	(35)
<b>Comparable EBITDA<sup>(1)</sup></b>	<b>460</b>	618	470

(1) Refer to the Non-GAAP Measures section in this MD&A for further discussion of comparable EBITDA.

(2) Includes Portlands Energy, Carleton and Anse-à-Valleau effective April 2009, November 2008 and November 2007, respectively.

(3) Other revenue includes sales of natural gas, sulphur sales in 2008 and thermal carbon black.

(4) Other commodity purchases resold includes the cost of natural gas sold.

**Western and Eastern Canadian Power Operating Statistics<sup>(1)</sup>**

Year ended December 31

	2009	2008	2007
<b>Sales Volumes (GWh)</b>			
Supply			
Generation			
Western Power	2,334	2,322	2,154
Eastern Power	1,550	1,069	5,200
Purchased			
Sundance A & B and Sheerness PPAs	10,603	12,368	12,199
Other purchases	529	970	1,710
	<b>15,016</b>	16,729	21,263
Sales			
Contracted			
Western Power	9,944	11,284	11,998
Eastern Power	1,588	1,232	5,477
Spot			
Western Power	3,484	4,213	3,788
	<b>15,016</b>	16,729	21,263
<b>Plant Availability<sup>(2)</sup></b>			
Western Power <sup>(3)</sup>	93%	87%	90%
Eastern Power	97%	97%	97%

(1) Includes Portlands Energy, Carleton and Anse-à-Valleau effective April 2009, November 2008, November 2007, respectively. Bécancour is included only in 2007 due to the agreement with Hydro-Québec to temporarily suspend electricity generation in 2008 and 2009.

(2) Plant availability represents the percentage of time in a year that the plant is available to generate power regardless of whether it is running.

(3) Excludes facilities that provide power to TransCanada under PPAs.

Western Power's comparable EBITDA of \$279 million in 2009 decreased \$231 million compared to \$510 million in 2008. The decrease was primarily due to a decline in earnings from the Alberta power portfolio resulting from lower overall realized prices on reduced volumes of power sold. In addition, Western Power's EBITDA in 2008 included \$23 million related to sulphur sales.

Lower overall realized power prices and lower sales volumes resulted in a decrease of \$352 million in Western Power's power revenues in 2009 compared to 2008. Average spot market power prices in Alberta decreased 47 per cent, or \$42 per megawatt hour (MWh) in 2009 compared to 2008 and Western Power's sales volumes decreased 13 per cent in 2009 from 2008 primarily as a result of reduced dispatch of the Alberta PPAs. The reduction in power prices and sales volumes both reflected reduced demand for electricity in Alberta as a result of the North American economic downturn. Commodity purchases resold of \$451 million in 2009 decreased \$66 million compared to 2008 due to a reduction in volumes purchased and the expiry of certain retail contracts. Approximately 26 per cent of Western Power's sales volumes were sold in the spot market in 2009 compared to 27 per cent in 2008.

Eastern Power's comparable EBITDA of \$220 million in 2009 increased \$73 million compared to \$147 million in 2008. The increase was primarily due to incremental earnings from Portlands Energy, which was placed in service in April 2009, and the Carleton wind farm at Cartier Wind, which went into service in November 2008, as well as higher contracted revenue from the Bécancour facility. Eastern Power's power revenues increased \$106 million primarily due to the incremental revenues from Portlands Energy and the Carleton wind farm.



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Other revenues and other commodity purchases resold were \$184 million and \$124 million, respectively, in 2009 compared to \$186 million and \$112 million, respectively, in 2008. These changes reflected an increase in the quantity of natural gas being resold in Eastern Power. Increased sales of natural gas in other revenues in 2009 were more than offset by the sale of sulphur in 2008.

Plant operating costs and other, which includes fuel gas consumed in power generation, of \$179 million in 2009 decreased \$36 million from 2008 primarily due to lower prices for natural gas in Western Power, partially offset by incremental fuel consumed at Portlands Energy.

Western Power's comparable EBITDA was \$510 million in 2008, an increase of \$125 million from \$385 million in 2007. The increase was primarily due to increased margins from a combination of higher overall realized power prices on uncontracted volumes of power sold and a \$23 million increase from sales of sulphur at significantly higher prices in 2008. In 2008, the Company sold the remainder of its sulphur stock pile, which it had been selling in modest quantities on a break-even basis since 2005.

Western Power's power revenues increased \$95 million in 2008 compared to 2007 primarily due to the higher overall power sales prices. Commodity purchases resold decreased \$33 million in 2008 compared to 2007 primarily due to a decrease in volumes purchased and the expiry of certain retail contracts. Purchased power volumes in 2008 decreased from 2007 primarily due to the expiry of certain retail contracts, partially offset by increased utilization from the Alberta PPAs. Approximately 27 per cent of power sales volumes were sold in the spot market in 2008 compared to 24 per cent in 2007.

Eastern Power's comparable EBITDA of \$147 million in 2008 increased \$27 million compared to 2007 as a result of higher contracted earnings from the Bécancour facility, incremental earnings from the first full year of operations from the Anse-à-Valleau wind farm and the start up of the Carleton wind farm in 2008.

The agreement to temporarily suspend generation at the Bécancour facility beginning January 2008 resulted in decreases to Eastern Power's power revenues, generation volumes and contracted sales as well as plant operating costs and other in 2008 compared to 2007.

Decreases in plant operating costs and other in 2008 compared to 2007 due to the temporary suspension of the Bécancour facility were partially offset by higher volumes of gas purchased at higher prices in Western Power.

Western Power's plants operated with an average availability of approximately 93 per cent in 2009 compared to 87 per cent in 2008, primarily due to the return to service of the Cancarb facility in April 2009. Western Power's overall plant availability was negatively affected from late 2007 until April 2009 by an outage at the Cancarb power plant. Eastern Power achieved plant availability of 97 per cent in 2009, consistent with 2008 and 2007. Bécancour, which had an availability of 97 per cent in 2007, is not included in Eastern Power's 2009 and 2008 measurement as power generation from the plant was suspended throughout 2008 and 2009.

**Bruce Power** Bruce Power is a nuclear power generation facility located northwest of Toronto, Ontario and is comprised of Bruce A and Bruce B. Bruce A has four 750 MW reactors, of which two are currently operating and two are being refurbished. One unit is expected to be restarted in mid-2011 and the other unit is expected to be restarted approximately four months thereafter. Bruce B has four operating reactors with a combined capacity of 3,200 MW. As at December 31, 2009, TransCanada and BPC Generation Infrastructure Trust (BPC), a trust established by the Ontario Municipal Employees Retirement System (OMERS), each owned a 48.8 per cent interest in Bruce A (2008 48.9 per cent; 2007 48.7 per cent). The remaining 2.4 per cent interest in Bruce A is owned by the Power Workers' Union Trust (PWU), the Society of Energy Professionals Trust (SEP) and Bruce Power Employee Investment Trust. The Bruce A partnership subleases Bruce A Units 1 to 4 from the Bruce B partnership. TransCanada, OMERS and Cameco Corporation each own 31.6 per cent of Bruce B, which consists of Units 5 to 8 and the supporting site infrastructure. The remaining interest in Bruce B is owned by PWU and SEP.

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The following Bruce Power financial results reflect TransCanada's proportionate share of the eight Bruce Power units, six of which were operating:

### Bruce Power Results

(TransCanada's proportionate share)

Year ended December 31 (millions of dollars unless otherwise indicated)

	2009	2008	2007
Revenues <sup>(1)(2)</sup>	883	785	847
Operating expenses <sup>(2)</sup>	(531)	(510)	(607)
<b>Comparable EBITDA<sup>(3)</sup></b>	<b>352</b>	275	240
<b>Bruce A Comparable EBITDA<sup>(3)</sup></b>	<b>48</b>	78	38
<b>Bruce B Comparable EBITDA<sup>(3)</sup></b>	<b>304</b>	197	202
<b>Comparable EBITDA<sup>(3)</sup></b>	<b>352</b>	275	240

### Bruce Power Other Information

Plant availability			
Bruce A	78%	82%	78%
Bruce B	91%	87%	89%
Combined Bruce Power	87%	86%	86%
Planned outage days			
Bruce A	56	91	121
Bruce B	45	100	93
Unplanned outage days			
Bruce A	82	27	17
Bruce B	47	65	32
Sales volumes (GWh)			
Bruce A	4,894	5,159	4,959
Bruce B	7,767	7,799	7,992
	<b>12,661</b>	12,958	12,951
Results per MWh			
Bruce A power revenues	\$64	\$62	\$59
Bruce B power revenues <sup>(4)</sup>	\$64	\$57	\$52
Combined Bruce Power revenues	\$64	\$59	\$55
Percentage of output sold to spot market <sup>(5)</sup>	43%	33%	62%

(1) Revenues include Bruce A fuel cost recoveries of \$34 million in 2009 (2008 \$30 million; 2007 \$17 million). Revenues also include Bruce B unrealized gains of \$5 million as a result of changes in the fair value of held-for-trading derivatives in 2009 (2008 \$2 million losses; 2007 \$15 million gains).

(2) Includes adjustments to eliminate the effects of inter-partnership transactions between Bruce A and Bruce B.

(3) Refer to the Non-GAAP Measures section in this MD&A for further discussion of comparable EBITDA.

(4) Includes revenues received under the floor price mechanism, from contract settlements and from deemed generation, and the associated volumes.

(5) All of Bruce B's output is covered by the floor price mechanism, including volumes sold to the spot market.



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TransCanada's proportionate share of Bruce Power's comparable EBITDA increased \$77 million to \$352 million in 2009 compared to 2008 primarily due to higher realized prices and reduced annual lease expense, partially offset by lower volumes and higher operating expenses for Bruce A.

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TransCanada's proportionate share of Bruce A's comparable EBITDA decreased \$30 million to \$48 million in 2009 compared to 2008 as a result of lower volumes and higher operating expenses due to an increase in outage days, partially offset by higher contracted prices for output.

TransCanada's proportionate share of Bruce B's comparable EBITDA increased \$107 million to \$304 million in 2009 compared to 2008 primarily due to higher realized prices resulting from the recognition of payments received pursuant to the floor price mechanism in Bruce B's contract with the OPA and a reduction in annual lease expense. Provisions in a lease agreement with Ontario Power Generation allowed for a reduction in annual lease expense as the annual average Ontario spot price for electricity was less than \$30 per MWh. The annual average Ontario spot price was \$29.52 per MWh in 2009 compared to 48.83 per MWh in 2008.

Amounts received under the floor price mechanism in any calendar year are subject to repayment if the annual average spot price exceeds the annual average floor price. In 2009, the annual average spot price did not exceed the annual average floor price, therefore, no amounts recorded in revenue in 2009 will be repaid. Bruce B did not recognize into revenue any of the support payments received under the floor price mechanism in 2007 or 2008 as the annual average spot price exceeded the annual average floor price.

TransCanada's proportionate share of Bruce Power's comparable EBITDA in 2008 increased \$35 million to \$275 million compared to 2007 as a result of higher realized prices and increased volumes associated with a decrease in outage days at Bruce A in 2008.

TransCanada's proportionate share of Bruce Power's generation in 2009 decreased to 12,661 GWh compared to 12,958 GWh in 2008, partially due to periods in 2009 when the Independent Electricity System Operator (IESO) curtailed certain units at Bruce Power to address surplus base load generation in Ontario. During these unit curtailments by the IESO, Bruce Power received deemed generation payments at OPA contract prices. Including deemed generation, the combined average availability of Bruce A and Bruce B was 87 per cent in 2009 compared to 86 per cent in 2008. TransCanada's proportionate share of Bruce Power's generation in 2008 was consistent with 2007.

The overall plant availability percentage in 2010 is expected to be in the mid-80s for the two operating Bruce A units and in the high 80s for the four Bruce B units. An approximate ten week maintenance outage of Bruce A Unit 3 is scheduled to begin in late February 2010. Maintenance outages of approximately eight weeks are scheduled to begin in May 2010 for Bruce B Unit 6 and mid-October 2010 for Bruce B Unit 5.

### *Bruce A*

Under a contract with the OPA, all of the output from Bruce A is effectively sold at a fixed price per MWh, adjusted for inflation annually each April 1. In addition, fuel costs are recovered from the OPA. In accordance with a 2007 contract amendment, effective April 1, 2009, the fixed price for output from Bruce A was \$64.45 per MWh.

### *Bruce A Fixed Price*

		per MWh
April 1, 2009	March 31, 2010	\$64.45
April 1, 2008	March 31, 2009	\$63.00
April 1, 2007	March 31, 2008	\$59.69

### *Bruce B*

As part of Bruce Power's contract with the OPA, all output from Bruce B Units 5 to 8 are subject to a floor price adjusted annually for inflation on April 1.

### *Bruce B Floor Price*

		per MWh
April 1, 2009	March 31, 2010	\$48.76
April 1, 2008	March 31, 2009	\$47.66
April 1, 2007	March 31, 2008	\$46.82

MANAGEMENT'S DISCUSSION AND ANALYSIS **45**

Payments received pursuant to the Bruce B floor price mechanism were previously subject to a recapture payment dependent on annual spot prices over the entire term of the contract. In July 2009, the contract with the OPA was amended making payments received pursuant to the floor price mechanism subject to recapture payments dependent on annual spot prices only within each calendar year.

Bruce B enters into fixed-price contracts under which it receives the difference between the contract price and spot price. As a result, Bruce B's 2009 realized price of \$64 per MWh reflects revenues recognized from both the floor price mechanism and contract sales, compared to \$57 per MWh and \$52 per MWh in 2008 and 2007, respectively. As at December 31, 2009, Bruce B had entered into fixed-price contracts to sell forward approximately 2,100 GWh for 2010 and 500 GWh for 2011, representing TransCanada's proportionate share.

**U.S. Power** U.S. Power owns approximately 3,800 MW of power generation capacity, including facilities under construction. U.S. Power's current operating power generation assets are Ravenswood, TC Hydro, OSP, and phase one of Kibby Wind. Ravenswood, located in Queens, New York and acquired in August 2008, is a 2,480 MW natural gas and oil-fired generating facility consisting of multiple units employing steam turbine, combined-cycle and combustion turbine technology with the capacity to serve approximately 21 per cent of the overall peak load in New York City. The TC Hydro assets include 13 hydroelectric stations housing a total of 39 hydroelectric generating units in New Hampshire, Vermont and Massachusetts with total generating capacity of 583 MW. OSP, a 560 MW natural gas-fired combined-cycle facility, is the largest power plant in Rhode Island and phase one of Kibby Wind is a 66 MW wind farm located in Maine.

U.S. Power conducts its business primarily in the deregulated New England and New York power markets through its wholly owned subsidiary, TCPM, located in Westborough, Massachusetts. TCPM focuses on selling power under short- and long-term contracts to wholesale, commercial and industrial customers while managing a portfolio of power supplies sourced from both its own generation and wholesale power purchases. Power is purchased to satisfy a significant portion of TCPM's retail and wholesale power sales commitments, mitigating its exposure to fluctuations in spot market prices and effectively locking in a positive margin. Power generation is managed by entering into contracts to sell a portion of power forecasted to be generated. Corresponding contracts are entered into simultaneously to purchase the fuel required to reduce exposure to market price volatility and lock in positive margins. In 2009, TCPM continued to expand its marketing presence and customer base in the New England and New York markets.

The New England Power Pool relies on a Forward Capacity Market (FCM) to promote investment in new and existing power resources needed to meet growing consumer demand and maintain a reliable power system. FCM payments began in late 2006 and operated on a transition basis from 2007 to 2009. During this period, OSP and TC Hydro received capacity transition payments under this mechanism as specified in the FERC-approved FCM settlement. Beginning in June 2010, the price paid for capacity will be determined by annual competitive FCM auctions, which are held three years in advance of the capacity year in question. Future auction results will be affected by actual versus projected demand, the pace of progress in developing new qualifying resources that bid into the auctions and other factors.

The New York Independent System Operator (NYISO) relies on a locational capacity market intended to promote investment in new and existing power resources needed to meet growing consumer demand and maintain a reliable power system. At present, a series of voluntary forward auctions and a mandatory spot demand curve price setting process are used to determine the price paid to capacity suppliers. There are two annual six-month strip forward auctions and 12 monthly forward auctions in which buyer and seller participation is optional. All remaining available capacity is required to participate in a monthly spot auction in the final week prior to the capacity month. The spot auction clears at a price based on a downward sloping demand curve, the parameters of which are determined by the NYISO and approved by the FERC. There are separate demand curves for each of three defined capacity zones: Long Island, New York City, and Rest of State. The Ravenswood capacity is located in the New York City capacity zone.

**U.S. Power Comparable EBITDA<sup>(1)(2)</sup>**

Year ended December 31 (millions of dollars)

	2009	2008	2007
Revenues			
Power	1,118	938	1,035
Capacity	190	85	46
Other <sup>(3)(4)</sup>	509	350	239
	<b>1,817</b>	1,373	1,320
Commodity purchases resold			
Power	(544)	(519)	(753)
Other <sup>(5)</sup>	(391)	(324)	(208)
	<b>(935)</b>	(843)	(961)
Plant operating costs and other <sup>(4)</sup>	(645)	(258)	(175)
General, administrative and support costs	(45)	(41)	(32)
<b>Comparable EBITDA<sup>(1)</sup></b>	<b>192</b>	231	152

(1) Refer to the Non-GAAP Measures section of this MD&A for further discussion of comparable EBITDA.

(2) Includes phase one of Kibby Wind and Ravenswood as of October 2009 and August 2008, respectively.

(3) Includes sales of natural gas.

(4) Includes Ravenswood revenues and costs related to a third-party service agreement.

(5) Other commodity purchases resold includes the cost of natural gas sold.

**U.S. Power Operating Statistics<sup>(1)</sup>**

Year ended December 31

	2009	2008	2007
<b>Sales Volumes (GWh)</b>			
Supply			
Generation	5,993	3,974	2,895
Purchased	5,310	6,020	6,709
	<b>11,303</b>	9,994	9,604
Sales			
Contracted	10,264	9,758	9,028
Spot	1,039	236	576
	<b>11,303</b>	9,994	9,604

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<b>Plant Availability<sup>(2)</sup></b>	<b>79%</b>	75%	95%
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(1) Includes phase one of Kibby Wind and Ravenswood as of October 2009 and August 2008, respectively.

(2) Plant availability represents the percentage of time in a year that the plant is available to generate power regardless of whether it is running.

U.S. Power's comparable EBITDA was \$192 million in 2009, \$39 million lower than the \$231 million earned in 2008. The decrease was primarily due to reduced power prices and lower margins realized on generation volumes in New England, partially offset by forward hedging activities. Lower realized prices were a result of the economic

downturn coupled with unseasonably mild weather. These decreases were partially offset by incremental revenue realized on contract sales at higher than average spot market prices in New England. The reduction in New England EBITDA was partially offset by incremental EBITDA from a full year of operations at the Ravenswood facility, which was acquired in August 2008, and the positive impact of a stronger U.S. dollar in 2009. Ravenswood results in 2009 were impacted by spot prices, which were 52 per cent lower than in 2008, and reduced power demand.

U.S. Power's power revenues of \$1,118 million in 2009, increased \$180 million from \$938 million in 2008 primarily due to incremental revenues from the Ravenswood facility, the positive impact of a stronger U.S. dollar and an increase in financial contract sales, partially offset by lower volumes of power sold at lower prices in New England. Capacity revenue of \$190 million in 2009 increased \$105 million from \$85 million in 2008 primarily due to incremental capacity revenue from Ravenswood, which is earned based on plant availability regardless of whether the plant is generating electricity.

Other revenues increased \$159 million in 2009 compared to 2008 as a result of higher volumes of natural gas sold, revenues earned from the third-party service agreement at Ravenswood and the positive impact of a stronger U.S. dollar.

Power commodity purchases resold increased \$25 million in 2009 compared to 2008 primarily due to the incremental impact of financial contract purchases in New England and the impact of a stronger U.S. dollar in 2009. These increases were partially offset by lower volumes of power purchased for resale at lower prices to commercial and industrial customers in New England.

Other commodity purchases resold increased \$67 million in 2009 compared to 2008 primarily due to higher volumes of unutilized natural gas purchased for plant fuel and resold as well as the impact of a stronger U.S. dollar, partially offset by a decrease in natural gas prices.

Plant operating costs and other increased \$387 million in 2009 compared to 2008 due to a full year of operations and costs related to a third-party service agreement at Ravenswood, as well as the impact of a stronger U.S. dollar.

Comparable EBITDA was \$231 million in 2008, \$79 million higher than the \$152 million earned in 2007. The increase was primarily due to increased water flows from the TC Hydro generation assets and higher realized prices on sales to commercial and industrial customers in New England. On December 31, 2008, Ravenswood fulfilled its obligations under a tolling agreement with a third party that was in place at the time of its acquisition. Beginning in 2009, TCPM has managed the marketing output of the Ravenswood plant in a manner consistent with its other U.S. Northeast portfolio of assets.

U.S. Power achieved plant availability of 79 per cent in 2009 compared to 75 per cent in 2008 primarily due to the return to service of Ravenswood Unit 30 in May 2009 following an unplanned outage. Plant availability in 2008 was 20 per cent lower than in 2007 as a result of outages experienced at Ravenswood throughout fourth quarter 2008.

In 2009, nine per cent of power sales volumes were sold into the spot market compared to two per cent in 2008. At December 31, 2009, U.S. Power had fixed price sales contracts to sell forward approximately 10,300 GWh in 2010 and 5,400 GWh in 2011, including financial contracts to economically hedge the price of forecasted power generation. Certain contracted volumes are dependent on customer usage levels. Actual amounts contracted in future periods will depend on market liquidity and other factors. Power has been purchased to satisfy a portion of these sales requirements, reducing exposure to volatility in spot prices and effectively locking in a margin.

**Natural Gas Storage** TransCanada owns or has rights to 129 Bcf of non-regulated natural gas storage capacity in Alberta, including a 60 per cent ownership interest in CrossAlta, an independently operated storage facility. TransCanada also has contracts for long-term, Alberta-based storage capacity from a third party, which expire in 2030, subject to early termination rights in 2015.

**Natural Gas Storage Capacity**

	Working Gas Storage Capacity (Bcf)	Maximum Injection/ Withdrawal Capacity (mmcf/d)
Edson	50	725
CrossAlta <sup>(1)</sup>	41	550
Third-party storage	38	630
	129	1,905

(1) Represents TransCanada's 60 per cent ownership interest in CrossAlta. Working gas storage capacity can vary due to the amount of base gas in the facility.

The Company's natural gas storage capability helps balance seasonal and short-term supply and demand, and adds flexibility to the delivery of natural gas to markets in Alberta and the rest of North America. The increasing seasonal imbalance in North American natural gas supply and demand has increased natural gas price volatility and the demand for storage services. Alberta-based storage will continue to serve market needs and could play an important role as additional gas supplies are connected to North American markets. Energy's natural gas storage business operates independently from TransCanada's regulated natural gas transmission business and from ANR's regulated storage business, which is included in TransCanada's Pipelines segment.

TransCanada manages the exposure of its non-regulated natural gas storage assets to seasonal natural gas price spreads by economically hedging storage capacity with a portfolio of third-party storage capacity contracts and proprietary natural gas purchases and sales.

Market volatility creates arbitrage opportunities and TransCanada's storage facilities provide customers with the ability to capture value from short-term price movements. At December 31, 2009, TransCanada had contracted approximately 75 per cent of the total 129 Bcf of working gas storage capacity in 2010 and 51 per cent of storage capacity in 2011. Earnings from third-party storage capacity contracts are recognized over the terms of the contracts.

Proprietary natural gas storage transactions are comprised of a forward purchase of natural gas to be injected into storage and a simultaneous forward sale of natural gas for withdrawal at a later period, typically during the winter withdrawal season. By matching purchase and sales volumes on a back-to-back basis, TransCanada locks in future positive margins, effectively eliminating its exposure to natural gas seasonal price spreads.

These forward natural gas contracts provide highly effective economic hedges but do not meet the specific criteria for hedge accounting and, therefore, are recorded at their fair value based on the forward market prices for the contracted month of delivery. Changes in the fair value of these contracts are recorded in revenues. TransCanada records its proprietary natural gas inventory in storage at its fair value using a weighted average of forward prices for natural gas for the following four months, less selling costs. Changes in the fair value of inventory are recorded in revenues. Changes in the fair value of proprietary natural gas inventory in storage and natural gas forward purchase and sales contracts are excluded in determining comparable earnings, as they are not representative of amounts that will be realized on settlement.

Natural Gas Storage's comparable EBITDA in 2009 was \$164 million compared to \$138 million in 2008. The \$26 million increase in EBITDA was primarily due to increased third-party storage revenues as a result of higher realized seasonal natural gas price spreads. Natural Gas Storage's comparable EBITDA was \$138 million in 2008 which was consistent with 2007.

**Business Development** Business development comparable EBITDA losses in 2009 decreased \$15 million compared to 2008 primarily due to the timing of expenses on certain key projects.

**Depreciation and Amortization** Depreciation and amortization of \$347 million in 2009 increased \$89 million compared to 2008 primarily due to a full year of operations at Ravenswood, capital additions at Bruce Power and the start-up of Portlands Energy and the Carleton wind farm in April 2009 and November 2008, respectively.

## ENERGY OPPORTUNITIES AND DEVELOPMENTS

**Ravenswood** From the time of its acquisition to December 31, 2008, Ravenswood operated under a tolling arrangement under which all energy generated from the facility was provided to a third party for a fixed operating fee. In January 2009, Ravenswood commenced earning revenues from the sale of energy generated from the facility into the New York market. TCPM manages the marketing of output from Ravenswood.

Subsequent to closing the acquisition of Ravenswood, TransCanada experienced a forced outage event related to Ravenswood's 972 MW Unit 30. The unit returned to service in May 2009. The Company continues to work with its insurers with respect to claims for both the physical damage and business interruption losses associated with the outage. No amounts have been accrued for claims with respect to business interruption losses.

**Bruce Power** Under a long-term agreement reached in 2005 between Bruce Power and the OPA, Bruce A committed to refurbish and restart the currently idle Units 1 and 2, extend the operating life of Unit 3 and replace the steam generators on Unit 4. An amendment to the agreement in 2007 provided for a full refurbishment of Unit 4, which will extend the expected operating life of the unit.

In 2008, Bruce Power completed a review of the operating life estimates for Units 3 and 4. As a result of that review, Unit 3 was expected to remain in commercial service until 2011, providing an additional two years of power generation before refurbishment. After the refurbishment, the operating life of Unit 3 was to be extended to 2038. The review also showed that Unit 4 was expected to remain in commercial service until 2016, providing seven years of generation before refurbishment, after which the estimated operating life of Unit 4 was expected to be extended to 2042.

Further amendments to the agreement were made in July 2009. In addition to the amendments made to the Bruce B floor price mechanism, described in the Energy Financial Analysis section of this MD&A, other changes to the contract with the OPA included the removal of a support payment cap for Bruce A. The cumulative support payments received by Bruce A, which are equal to the difference between the fixed prices under the OPA contract and spot market prices, were originally capped at \$575 million until both Units 1 and 2 were restarted. The amendment provides that should either of the restarted Units 1 and 2 not be placed into commercial service by December 31, 2011, Bruce A will receive no further support payments and all output will receive spot prices until the restart is complete, at which point the Bruce A price will return to the then prevailing contract levels.

The July 2009 amendment also provided for deemed generation payments to Bruce Power at the contract prices when Bruce Power generation is reduced due to system curtailments on the IESO-controlled grid in Ontario.

Additionally, the capital cost-sharing mechanism for the refurbishment and restart of Bruce A Units 1 and 2 was amended to eliminate the requirement that the OPA share in any cost overruns exceeding \$3.4 billion. Previously the OPA was responsible for 25 per cent of cost overruns above \$3.4 billion through a future adjustment to the fixed price paid to Bruce Power for power generated by the Bruce A units.

The refurbishment and restart of Bruce A Units 1 and 2 is continuing with a focus on the reassembly of the reactors and related activities. As of December 31, 2009, Bruce A had incurred approximately \$3.2 billion in costs for the refurbishment and restart of these units and approximately \$0.2 billion for the refurbishment of Units 3 and 4. TransCanada believes that the Company's share of the total capital cost to complete the Unit 1 and 2 refurbishment and restart program will be approximately \$2 billion. The bulk of the highly technical, high-risk work on this project is now finished or nearing completion. Although a significant amount of work remains to be completed, most of it involves conventional power plant construction activity. A project optimization plan implemented by Bruce Power last



year is achieving success in improving productivity. TransCanada expects that Unit 2 will be restarted in mid-2011, with the Unit 1 restart following approximately four months later.

Bruce Power continues to advance an initiative to further extend the operating lives of Units 3 and 4. Unit 4 is now expected to continue to operate beyond 2018 and plans are in place to implement an extensive maintenance program that would result in the life of Unit 3 being extended for a similar period of time.

**Portlands Energy** Portlands Energy was completed under budget and fully commissioned in April 2009. The power plant, which is 50 per cent owned by TransCanada, is able to provide 550 MW of electricity under a 20 year Accelerated Clean Air Supply contract with the OPA.

**Coolidge** In August 2009, TransCanada began construction of the US\$500 million Coolidge generating station located near Phoenix, Arizona. The first of 12 gas-fired turbines began arriving on site in January 2010. The 575 MW, simple-cycle, natural gas-fired peaking power facility is expected to be in service in second quarter 2011. All of the power produced by the facility will be sold under a 20 year PPA to the Salt River Project Agricultural Improvement and Power District based in Phoenix, Arizona.

**Halton Hills** Construction of Halton Hills continued in 2009 and is nearing completion. The project is a 683 MW natural gas-fired power plant near Halton Hills, Ontario and is expected to be in operation in third quarter 2010 following commissioning, start-up and testing. TransCanada expects to invest approximately \$700 million in the project. Power from the facility will be sold to the OPA under a 20 year Clean Energy Supply contract.

**Cartier Wind** In third quarter 2009, construction activity began on the 212 MW Gros-Morne and 58 MW Montagne-Sèche wind farms. The Montagne-Sèche project and phase one of the Gros-Morne project (101 MW) are expected to be operational in 2011. Phase two of the Gros-Morne project (111 MW) is expected to be operational in 2012. Gros-Morne and Montagne-Sèche are the fourth and fifth Québec-based wind farms of the Cartier Wind project. Once they are complete, Cartier Wind, which is 62 per cent owned by TransCanada, will be capable of producing 590 MW of electricity. All of the power produced by Cartier Wind is sold to Hydro-Québec under a 20 year PPA. In fourth quarter 2009, the proposed 150 MW Les Méchins wind farm, the sixth project in Cartier Wind, was cancelled due to the unavailability of cost-effective wind turbines and difficulty reaching acceptable agreements with private landowners. This decision has no impact on the other Cartier Wind projects.

**Kibby Wind** In October 2009, the first phase of the Kibby Wind power project, including 22 turbines capable of producing a combined 66 MW of power, was placed in service six weeks ahead of schedule and under budget. Construction continues on the 66 MW second phase of the project, which includes the installation of an additional 22 turbines. This phase is expected to be in service in third quarter 2010. Total cost of construction for both phases of the project is expected to be approximately US\$350 million. The project is expected to be eligible for government incentive payments under the federal U.S. stimulus package.

**Bécancour** In June 2009, TransCanada entered into an agreement with Hydro-Québec to continue to suspend all electricity generation from the Bécancour power plant through 2010. Hydro-Québec has the option, subject to certain conditions, to extend the suspension on an annual basis until such time as regional electricity demand levels recover. TransCanada receives payments under this agreement similar to those that would have been received under the normal course of operation.

**Oakville** In September 2009, the OPA awarded TransCanada a 20 year Clean Energy Supply contract to build, own and operate the 900 MW Oakville power generating station in Oakville, Ontario. TransCanada expects to invest approximately \$1.2 billion in the natural gas-fired, combined-cycle plant, which is anticipated to be in service in first quarter 2014.

**Power Transmission Line Projects** TransCanada's open seasons for capacity on its proposed Zephyr and Chinook power transmission line projects closed in December 2009. A comprehensive review of the bids submitted for each

project is underway. Each project would be capable of delivering primarily renewable (wind-generated) power originating in Wyoming (Zephyr) and Montana (Chinook) to Nevada.

**Broadwater LNG** In April 2009, the U.S. Department of Commerce issued a decision upholding New York State's objection to the proposed construction and operation of the Broadwater LNG project, a joint venture between TransCanada and Shell Broadwater Holdings, LLC. The Broadwater Energy partnership has scaled back near term activities and is assessing its future options with respect to this project.

## ENERGY BUSINESS RISKS

**Fluctuating Power and Natural Gas Market Prices** TransCanada operates in competitive power and natural gas markets in North America. Volatility in power and natural gas prices is caused by fluctuating supply and demand, and by general economic conditions. Energy's earnings from the sale of uncontracted volumes are subject to price volatility. Although Energy commits a significant portion of its supply to medium- to long-term sales contracts, it retains an amount of unsold supply in order to provide flexibility in managing the Company's portfolio of wholly owned assets.

**Capacity Payments** U.S. Power capacity payments are reset periodically each year and are affected by the start-up and retirement of power facilities and by fluctuations in demand.

**Uncontracted Volumes** Energy has uncontracted power sales volumes in Western Power and U.S. Power. With the 2008 acquisition of Ravenswood, the level of uncontracted sales volumes in U.S. Power significantly increased. Sales of uncontracted power volumes into the spot market are subject to market price volatility, which directly impacts earnings. In addition, as power sales contracts expire, any new contracts are entered into at the prevailing market prices. In 2009, prices realized on these new contracts were generally lower than in recent years due to the significant decrease in power prices in TransCanada's core power markets.

Bruce B volumes are subject to a floor price mechanism. When the spot market price is above the floor price, Bruce B's non-contracted volumes are subject to spot price volatility. When spot prices are below the floor price, Bruce B receives the floor price. However, Bruce B's results during this period are still subject to the impact of fluctuating spot prices upon the settlement of contracted sales. All of the Bruce A output is sold into the Ontario wholesale power spot market under fixed contract price terms with the OPA and 100 per cent of Eastern Power sales volumes are sold under long-term contracts.

Energy's natural gas storage business is subject to fluctuating natural gas seasonal spreads generally determined by the differential in natural gas prices in the traditional summer injection and winter withdrawal seasons. As a result, the Company hedges capacity with a portfolio of contractual capacity sales commitments.

**Liquidity Risk** A decrease in the number and credit quality of counterparties may increase the Company's exposure to spot prices by reducing its ability to lock in forward sale prices at acceptable contract terms.

**Plant Availability** Maintaining plant availability is essential to the continued success of the Energy business. Plant operating risk is mitigated through a commitment to TransCanada's operational excellence strategy, which is to provide low-cost, reliable operating performance at each of the Company's facilities. Unexpected plant outages, including unexpected delays in completing planned outages, could result in lower plant output and sales revenue, reduced capacity payments and margins, and increased maintenance costs. At certain times, unplanned outages may require power or natural gas purchases at market prices to ensure TransCanada meets its contractual obligations.

**Weather** Extreme temperature and weather events in North America and the Gulf of Mexico often create price volatility and variable demand for power and natural gas. These events may also restrict the availability of power and natural gas. Seasonal changes in temperature can also affect the efficiency and output capability of natural gas-fired power plants. Variability in wind speeds may impact the earnings of Energy's wind assets.

**Hydrology** TransCanada's power operations are subject to hydrology risk arising from the ownership of hydroelectric power generation facilities in the northeastern U.S. Weather changes, weather events, local river management and potential dam failures at these plants or upstream facilities pose potential risks to the Company.

**Execution, Capital Cost and Permitting** Energy's new construction programs in Ontario, Québec, Maine and Arizona, including its investment in Bruce Power, are subject to execution, capital cost and permitting risks.

**Asset Commissioning** Although each of TransCanada's newly constructed assets goes through rigorous acceptance testing prior to being placed in service, there is a risk that these assets may have lower than expected availability or performance, especially in their first year of operations.

**Regulation of Power Markets** TransCanada operates in both regulated and deregulated power markets. As power markets evolve across North America, there is the potential for regulatory bodies to implement new rules that could negatively affect TransCanada as a generator and marketer of electricity. These may be in the form of market rule changes, price caps, emission controls, unfair cost allocations to generators and attempts by others to take out-of-market actions to build excess generation that negatively affects the price of capacity or energy, or both. In addition, TransCanada's development projects rely on an orderly permitting process and any disruption to that process can have negative effects on project schedules and costs. TransCanada continues to monitor regulatory issues and regulatory reform and participate in and lead related discussions.

Refer to the Risk Management and Financial Instruments section of this MD&A for information on additional risks and managing risks in the Energy business.

## ENERGY OUTLOOK

TransCanada assumes that results from its Energy operations in 2010 will be materially consistent with those in 2009 and will include the positive impact of a full year of earnings from Portlands Energy and phase one of Kibby Wind, as well as incremental earnings from Halton Hills and phase two of Kibby Wind, which are expected to be commissioned in third quarter 2010.

The Company expects capacity prices in the New York City market, in which Ravenswood operates, to improve with the long-planned retirement of a power generating facility owned by the New York Power Authority which occurred at the end of January 2010. The positive impact from this facility's retirement may be partially offset by some reductions in demand in this market, driven by the economic downturn and the results of energy efficiency investments being made in the region.

The current economic climate continues to negatively affect demand, liquidity and prices in commodity markets in which TransCanada's Energy segment operates. Earnings in Western Power, Bruce Power and U.S. Power are expected to be negatively impacted in the near term by the expiry of existing forward sale contracts as new contracts would generally be negotiated at lower prices.

Although TransCanada has sold forward significant output from its power plants and Alberta PPAs, as well as capacity from its natural gas storage facilities, Energy's EBITDA in 2010 can be affected by changes in factors such as the spot market price of power, market heat rates, hydrology, capacity payments, natural gas storage spreads and unplanned outages. EBITDA from Energy's U.S. operations is also affected by changes in foreign currency exchange rates.

Other factors such as plant availability, regulatory changes, weather, currency movements and overall stability of the energy industry can also affect 2010 EBITDA. Refer to the Energy Business Risks section of this MD&A for a complete discussion of these factors.

**Capital Expenditures** Energy's total capital expenditures in 2009 were \$1.5 billion. Energy's overall capital spending in 2010 is expected to be approximately \$1.3 billion, including cash calls for the Bruce A refurbishment and restart project, and continued construction at Coolidge, Cartier Wind, Kibby Wind, Halton Hills and Oakville.

**CORPORATE**

Corporate EBIT losses for the year ended December 31, 2009 were \$117 million compared to losses of \$104 million and \$102 million in 2008 and 2007, respectively. The increases in EBIT losses were primarily due to higher support services costs, reflecting a growing asset base.

**OTHER INCOME STATEMENT ITEMS****INTEREST EXPENSE**

Year ended December 31 (*millions of dollars*)

	2009	2008	2007
Interest on long-term debt <sup>(1)</sup>	1,285	1,038	991
Other interest and amortization	27	46	20
Capitalized interest	(358)	(141)	(68)
	<b>954</b>	943	943

(1) Includes interest for Junior Subordinated Notes

Interest expense in 2009 increased \$11 million to \$954 million from \$943 million in each of 2008 and 2007. The increase in interest on long-term debt reflected new debt issues of US\$1.5 billion and \$500 million in August 2008, US\$2.0 billion in January 2009 and \$700 million in February 2009. In addition, U.S. dollar-denominated interest expense increased in 2009 due to the impact of a stronger U.S. dollar. These increases were partially offset by higher capitalization of interest to finance the Company's larger capital spending program primarily due to the construction of Keystone and the acquisition in 2009 of the remaining ownership interest in Keystone from ConocoPhillips. Interest expense in 2009 was positively impacted by reduced losses from changes in the fair value of derivatives used to manage TransCanada's exposure to fluctuating interest rates. Interest expense in 2008 of \$943 million was consistent with 2007. Higher financial charges resulting from financing the Company's 2008 capital program, including the Ravenswood acquisition, and higher losses from changes in the fair value of derivatives used to manage the Company's exposure to rising interest rates were offset by increased capitalization of interest to finance the Company's larger capital spending program.

Interest income and other was \$121 million in 2009 compared to \$54 million and \$120 million in 2008 and 2007, respectively. The increase of \$67 million in 2009 compared to 2008 was primarily due to the positive impact of a weakening U.S. dollar throughout 2009 on U.S. dollar working capital balances and higher gains from derivatives used to manage the Company's exposure to foreign exchange rate fluctuations. An increase in interest income due to higher cash balances held in 2009 than in 2008 was more than offset by lower interest rates. The decrease of \$66 million in 2008 compared to 2007 was primarily due to lower gains from derivatives used to manage the Company's exposure to foreign exchange rate fluctuations and the negative impact of a strengthening U.S. dollar throughout 2008.

Income taxes were \$387 million, \$602 million and \$490 million in 2009, 2008 and 2007, respectively. The decrease of \$215 million in 2009 compared to 2008 was primarily due to reduced pre-tax earnings, higher income tax savings from income tax rate differentials and other positive income tax adjustments in 2009, including \$30 million of favourable adjustments arising from a reduction in the Province of Ontario's corporate income tax rates. The increase in income tax expense of \$112 million in 2008 compared to 2007 was primarily due to positive income tax adjustments recorded in 2007 and higher pre-tax earnings in 2008.

Non-controlling interests were \$96 million in 2009 compared to \$130 million and \$97 million in 2008 and 2007, respectively. The decrease in 2009 compared to 2008 was primarily due to the non-controlling interests' portion of Portland's Calpine bankruptcy settlements in 2008, partially offset by higher PipeLines LP earnings and the impact of a

stronger U.S. dollar in 2009. The increase in 2008 compared to 2007 was primarily due to the non-controlling interests' portion of Portland's Calpine bankruptcy settlements in 2008.

## LIQUIDITY AND CAPITAL RESOURCES

TransCanada's financial position remains sound and consistent with recent years as does its ability to generate cash in the short and long term to provide liquidity, maintain financial capacity and flexibility, and to provide for planned growth. TransCanada's liquidity position remains solid, underpinned by predictable cash flow from operations, significant cash balances on hand from recent common and preferred share and debt issues, as well as committed revolving bank lines of US\$1.0 billion, \$2.0 billion, US\$1.0 billion and US\$300 million, maturing in November 2010, December 2012, December 2012 and February 2013, respectively. In addition, TransCanada's proportionate share of capacity remaining available on committed bank facilities at TransCanada-operated affiliates was \$143 million with maturity dates from 2010 through 2012. The Company operates commercial paper programs in Canada and, as at December 31, 2009, had remaining capacity of \$2.45 billion, \$2.0 billion and US\$4.0 billion under its equity, Canadian debt and U.S. debt shelf prospectuses, respectively. In lieu of making cash dividend payments, a portion of the declared common and preferred dividends are expected to be paid in common shares issued under the Company's DRP. TransCanada's liquidity, market and other risks are discussed further in the Risk Management and Financial Instruments section of this MD&A.

## SUMMARIZED CASH FLOW

Year ended December 31 (*millions of dollars*)

	2009	2008	2007
Funds generated from operations <sup>(1)</sup>	3,080	3,021	2,621
(Increase)/decrease in operating working capital	(90)	135	63
<b>Net cash provided by operations</b>	<b>2,990</b>	3,156	2,684

(1) Refer to the Non-GAAP Measures section of this MD&A for further discussion of funds generated from operations.

## HIGHLIGHTS

### *Investing Activities*

Capital expenditures and acquisitions, including assumed debt, totalled approximately \$20 billion over the three year period ending December 31, 2009.

### *Dividends*

TransCanada's Board of Directors declared a \$0.40 per common share dividend for the quarter ending March 31, 2010, an increase of five per cent over the previous dividend amount. The Board also declared a quarterly dividend of \$0.2875 per preferred share for the quarter ending March 31, 2010.

## CASH FLOW AND CAPITAL RESOURCES

### *Funds Generated from Operations*

Funds generated from operations were \$3.1 billion in 2009 compared to \$3.0 billion and \$2.6 billion, in 2008 and 2007, respectively. The increase in 2009 compared to 2008 was primarily due to increased cash from earnings, partially offset by increased pension contributions in 2009 and the \$152 million after tax Calpine bankruptcy settlements in 2008. The Energy business and the Calpine bankruptcy settlements were the primary sources of the increase in 2008 compared to 2007.

### *Investing Activities*

Capital expenditures totalled \$5.4 billion in 2009 compared to \$3.1 billion in 2008 and \$1.7 billion in 2007. Expenditures in 2009 and 2008 related primarily to Keystone construction, the refurbishment and restart at Bruce A, construction of other new pipeline and power facilities, plus the expansion and maintenance of existing pipelines. In addition, in 2009, the Company incurred \$3.3 billion of costs related to Keystone, including approximately \$400 million related to the development of the Gulf Coast expansion. Expenditures in 2007 were related primarily to the refurbishment and restart at Bruce A, construction of new power plants in Canada and maintenance and capacity projects in the Pipelines business.

In August 2009, the Company purchased ConocoPhillips' remaining approximate 20 per cent interest in Keystone for US\$553 million plus the assumption of US\$197 million of short-term debt. Acquisitions in 2009 also included previous increases in ownership interest in Keystone from ConocoPhillips, discussed below. TransCanada now owns 100 per cent of Keystone.

In 2008, TransCanada entered into an agreement with ConocoPhillips to increase its equity ownership in Keystone to approximately 80 per cent from 50 per cent, with ConocoPhillips' equity ownership in Keystone being reduced concurrently to approximately 20 per cent from 50 per cent. In 2008 and prior to August 2009, TransCanada funded 100 per cent of the construction expenditures until the participants' cumulative project capital contributions were aligned with their revised ownership interests. In 2009, prior to August, TransCanada funded \$1.3 billion of cash calls for Keystone, resulting in the Company acquiring an incremental increase in ownership of approximately 18 per cent for \$313 million. In 2008, the Company funded \$362 million of cash calls, resulting in an incremental increase in ownership of approximately 12 per cent for \$176 million. TransCanada's ownership interest was approximately 80 per cent and 62 per cent in August 2009 and at December 31, 2008, respectively.

TransCanada acquired Ravenswood from National Grid plc on August 26, 2008 for US\$2.9 billion.

In 2007, TransCanada acquired ANR and an additional 3.6 per cent interest in Great Lakes from El Paso Corporation for US\$3.4 billion, including US\$491 million of assumed long-term debt. PipeLines LP acquired the remaining 46.4 per cent of Great Lakes from El Paso Corporation for US\$942 million, including US\$209 million of assumed long-term debt.

### *Financing Activities*

In 2009, TransCanada issued long-term debt of \$3.3 billion and its proportionate share of long-term debt issued by joint ventures was \$226 million. Also in 2009, the Company reduced its long-term debt by \$1.0 billion, its proportionate share of the long-term debt of joint ventures by \$246 million and notes payable by \$244 million. This financing activity included the items noted below.

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At December 31, 2009, total committed revolving and demand credit facilities of \$5.2 billion were available to support the Company's commercial paper programs and for general corporate purposes. These unsecured credit facilities included the following:

A \$2.0 billion committed, syndicated revolving TransCanada PipeLines Limited (TCPL) credit facility, maturing December 2012. The facility was fully available at December 31, 2009 and supports TCPL's commercial paper program.

a US\$300 million committed, syndicated revolving credit facility, guaranteed by TransCanada, maturing February 2013. This facility is part of the US\$1.0 billion TransCanada PipeLine USA Ltd. (TCPL USA) credit facility discussed below under the heading 2007 Long-Term Debt Financing Activities. At December 31, 2009, this facility was fully drawn.

a US\$1.0 billion committed, syndicated revolving TransCanada Keystone Pipeline, L.P. credit facility, guaranteed by TCPL, maturing November 2010 but extendible to November 2011 at the option of the borrower. The facility was fully available at December 31, 2009 and supports a commercial paper program dedicated to funding a portion of expenditures for Keystone and for Keystone general partnership purposes.

a US\$1.0 billion committed, syndicated revolving TCPL USA credit facility established in fourth quarter 2009, maturing December 2012, with a one year extension at the option of the borrower. The facility is guaranteed by TransCanada and was fully available at December 31, 2009. This facility will be used to partially fund the Company's capital program and for general corporate purposes.

demand lines totalling \$805 million, which support the issuance of letters of credit and provide additional liquidity. The Company had used approximately \$467 million of these demand lines for letters of credit at December 31, 2009.

The Company is well positioned to fund its existing capital program through its growing internally-generated cash flow, its DRP and its continued access to capital markets. As demonstrated by the recent sale of North Baja to PipeLines LP, TransCanada will also continue to examine opportunities for portfolio management, including a greater role for PipeLines LP, in financing its capital program.

In July 2009, TransCanada sold North Baja to PipeLines LP. As part of the transaction, TransCanada agreed to amend its incentive distribution rights with PipeLines LP. TransCanada received aggregate consideration totalling approximately US\$395 million from PipeLines LP, including US\$200 million in cash and 6,371,680 common units of PipeLines LP. PipeLines LP utilized US\$170 million of its US\$250 million committed and available bank facility to partially fund this transaction, which resulted in TransCanada's ownership in PipeLines LP increasing to 42.6 per cent. Subsequent to this transaction, TransCanada's ownership in PipeLines LP decreased to 38.2 per cent due to PipeLines LP's public issuance of common units as discussed under the heading 2009 Equity Financing Activities in this section.

### *Short-Term Debt Financing Activities*

In June 2008, TCPL executed an agreement with a syndicate of banks for a US\$1.5 billion committed, unsecured, one year bridge loan facility, which was extendible at the option of the Company for an additional six-month term. In August 2008, the Company used US\$255 million from this facility to fund a portion of the Ravenswood acquisition and cancelled the remainder of the commitment. In February 2009, the US\$255 million was repaid and the facility was cancelled.

In February 2007, TransCanada established a US\$2.2 billion, committed, unsecured, one-year bridge loan facility and utilized a combined \$1.5 billion and US\$700 million to partially finance its acquisition of ANR and its increased ownership of Great Lakes. At December 31, 2008, this facility had been fully repaid and cancelled.

### *2009 Long-Term Debt Financing Activities*

In December 2009, TCPL filed a debt base shelf prospectus qualifying for the issuance of up to US\$4.0 billion of debt securities in the U.S. This prospectus replaced a US\$3.0 billion debt base shelf prospectus filed in January 2009, which

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had remaining capacity of US\$1.0 billion. No amounts have been issued under the December 2009 base shelf prospectus.

In April 2009, TCPL filed a \$2.0 billion Canadian Medium-Term Notes base shelf prospectus to replace a March 2007 \$1.5 billion Canadian Medium-Term Notes base shelf prospectus, which expired in April 2009. No amounts have been issued under the April 2009 base shelf prospectus.

In February 2009, TCPL issued Medium-Term Notes of \$300 million and \$400 million maturing in February 2014 and February 2039, respectively, and bearing interest at 5.05 per cent and 8.05 per cent, respectively. The proceeds were used to fund the Alberta System and Canadian Mainline rate bases. These notes were issued by way of a pricing supplement under a Canadian \$1.5 billion debt base shelf prospectus filed in March 2007.

In January 2009, TCPL issued Senior Unsecured Notes of US\$750 million and US\$1.25 billion maturing in January 2019 and January 2039, respectively, and bearing interest at 7.125 per cent and 7.625 per cent, respectively. The proceeds were used to partially fund TransCanada's capital projects, retire maturing debt obligations and for general corporate purposes. These notes were issued by way of a prospectus supplement under a US\$3.0 billion debt base shelf prospectus filed by TCPL in January 2009.

In September 2009, TQM issued \$75 million of bonds maturing in September 2014 and bearing interest at 4.05 per cent.

In August 2009, Northern Border issued US\$100 million of Senior Unsecured Notes maturing in August 2016 and bearing interest at 6.24 per cent.

In May 2009, Iroquois issued US\$140 million of Senior Unsecured Notes maturing in May 2019 and bearing interest at 6.63 per cent.

In October 2009, the Company retired \$250 million of 10.625 per cent debentures.

In February 2009, the Company retired \$200 million of 4.10 per cent Medium-Term Notes.

In January 2009, the Company retired US\$227 million of 6.49 per cent Medium-Term Notes.

In September 2009, Northern Border retired US\$200 million of 7.75 per cent Senior Notes.

In August 2009, TQM retired \$100 million of 6.50 per cent Series H Bonds.

### *2008 Long-Term Debt Financing Activities*

In 2008, TransCanada issued long-term debt of \$2.2 billion, increased its notes payable by \$1.3 billion and its proportionate share of long-term debt issued by joint ventures was \$173 million. The Company also reduced its long-term debt by \$840 million and its proportionate share of the long-term debt of joint ventures by \$120 million. This financing activity included the items noted below.

In August 2008, TCPL issued \$500 million of Medium-Term Notes maturing in August 2013 and bearing interest at 5.05 per cent. The proceeds from these notes were used to partially fund the Alberta System's capital program and for general corporate purposes. These notes were issued by way of pricing supplement under the Canadian \$1.5 billion debt base shelf prospectus filed in March 2007.

In August 2008, TCPL issued US\$850 million and US\$650 million of Senior Unsecured Notes maturing in August 2018 and August 2038, respectively, and bearing interest at 6.50 per cent and 7.25 per cent, respectively. The proceeds from these notes were used to partially fund the Ravenswood acquisition and for general corporate purposes. These notes were issued by way of a prospectus supplement under a US\$2.5 billion debt base shelf prospectus filed in September 2007, which was fully utilized following these issuances.

In June 2008, the Company retired \$256 million of 5.84 per cent Medium-Term Notes and a \$100 million 11.85 per cent debenture. In January 2008, the Company retired \$105 million of 6.0 per cent Medium-Term Notes.



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### *2007 Long-Term Debt Financing Activities*

In 2007, TransCanada issued long-term debt of \$2.6 billion and junior subordinated notes of US\$1.0 billion, and its proportionate share of long-term debt issued by joint ventures was \$142 million. The Company also reduced its long-term debt by \$1.1 billion, its notes payable by \$46 million and its proportionate share of the long-term debt of joint ventures by \$157 million. This financing activity included the items noted below.

In October 2007, TCPL issued US\$1.0 billion of Senior Unsecured Notes maturing on October 15, 2037 and bearing interest at 6.2 per cent. These notes were issued under the US\$2.5 billion debt base shelf prospectus filed by TCPL in September 2007.

In July 2007, TCPL exercised its rights to redeem the US\$460 million 8.25 per cent Preferred Securities due 2047. The Preferred Securities were redeemed for cash, at par, as agreed to in a settlement for the Canadian Mainline. The foreign exchange gain realized on redemption of the securities will flow through to Canadian Mainline shippers over the five-year period of the settlement.

In April 2007, TCPL issued US\$1.0 billion of Junior Subordinated Notes, maturing in 2067 and bearing interest at 6.35 per cent per year until May 15, 2017, when interest will convert to a floating interest rate of three-month LIBOR plus 221 basis points. The Junior Subordinated Notes are subordinated to all existing and future TCPL senior indebtedness, are effectively subordinated to all indebtedness and other obligations of TCPL, and are callable at TCPL's option at any time on or after May 15, 2017 at the principal amount plus accrued and unpaid interest. The notes were issued by way of prospectus supplement pursuant to a U.S. debt base shelf prospectus filed in March 2007.

In April 2007, Northern Border increased its five year bank facility to US\$250 million from US\$175 million. A portion of the bank facility was drawn to refinance US\$150 million of Senior Notes that matured in May 2007, with the balance available to fund Northern Border's ongoing operations.

In March 2007, ANR Pipeline voluntarily withdrew the New York Stock Exchange listing of its 9.625 per cent debentures due 2021, 7.375 per cent debentures due 2024, and 7.0 per cent debentures due 2025. With the delisting, ANR Pipeline deregistered these securities with the SEC.

In February 2007, TCPL USA established the US\$1.0 billion committed, unsecured credit facility, consisting of a US\$700 million five year term loan, maturing in 2012 and a US\$300 million extendible revolving facility, maturing in February 2013. The Company utilized US\$1.0 billion from this facility and an additional US\$100 million from an existing demand line to partially finance the ANR acquisition and increased ownership in Great Lakes, as well as its additional investment in PipeLines LP in 2007. The facility is guaranteed by TransCanada. There was an outstanding balance of US\$700 million on the term loan at December 31, 2009 and 2008.

In February 2007, PipeLines LP increased the size of its syndicated revolving credit and term loan facility in connection with its Great Lakes acquisition. The amount available under the facility increased to US\$950 million from US\$410 million and consisted of a US\$700 million senior term loan and a US\$250 million senior revolving credit facility, with US\$194 million of the available senior term loan amount being terminated upon closing of the Great Lakes acquisition. At December 31, 2009, US\$475 million was outstanding on the senior term loan. The US\$250 million senior revolving credit facility will terminate in December 2011.

In October 2007, the Company retired \$150 million of 6.15 per cent Medium-Term Notes. In February 2007, the Company retired \$275 million of 6.05 per cent Medium-Term Notes.

### *2009 Equity Financing Activities*

In September 2009, TransCanada completed a public offering of 22 million cumulative redeemable first preferred shares under a prospectus supplement to the September 2009 base shelf prospectus, discussed below, for gross proceeds of \$550 million. The holders of the preferred shares are entitled to receive fixed cumulative dividends at an annual rate of \$1.15 per share, payable quarterly, for the initial five year period ending December 31, 2014, with the first dividend paid on December 31, 2009. The dividend rate will reset on December 31, 2014 and every five years thereafter to a

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yield per annum equal to the sum of the then five year Government of Canada bond yield plus 1.92 per cent. The preferred shares are redeemable by TransCanada on or after December 31, 2014 at a price of \$25 per share plus all accrued and unpaid dividends. The preferred shareholders are eligible to participate in the Company's DRP. The net proceeds of the offering were used to partially fund capital projects, for general corporate purposes and to repay short-term indebtedness.

The preferred shareholders will have the right to convert their shares into Series 2 cumulative redeemable first preferred shares on December 31, 2014 and on December 31 of every fifth year thereafter. The holders of Series 2 preferred shares will be entitled to receive quarterly floating rate cumulative dividends at a yield per annum equal to the sum of the then 90-day Government of Canada treasury bill rate and 1.92 per cent.

In September 2009, TransCanada filed a base shelf prospectus qualifying for issuance \$3.0 billion of common shares, first or second preferred shares and/or subscription receipts in Canada and the U.S. until October 2011. This base shelf prospectus replaced the base shelf prospectus filed in July 2008 which was depleted by the common share issuance in June 2009. The Company had \$2.45 billion available under this prospectus at December 31, 2009.

In June 2009, TransCanada completed a public offering of 58.4 million common shares, including full exercise of a 15 per cent over-allotment option by the underwriters, at a purchase price of \$31.50 per share. Proceeds from the common share offering and the over-allotment option totalled \$1.8 billion and were used by TransCanada to partially fund its capital projects, including the acquisition of the remaining interest in Keystone, for general corporate purposes and to repay short-term indebtedness.

On November 19, 2009, PipeLines LP completed a public offering of five million common units at a price of US\$38.00 per unit, resulting in net proceeds to PipeLines LP of US\$182 million. TransCanada contributed an additional US\$4 million to maintain its general partnership interest but did not purchase any units. Upon completion of this offering, TransCanada's ownership interest in PipeLines LP was 38.2 per cent.

### *2008 Equity Financing Activities*

In fourth quarter 2008, TransCanada completed a public offering of common shares at a purchase price of \$33.00 per share. The issue of 35.1 million common shares, including the full exercise of a 15 per cent over-allotment option by the underwriters, resulted in gross proceeds of \$1.2 billion. The proceeds of the offering were used by TransCanada to partially fund its capital projects, including Keystone, for general corporate purposes and to repay short-term indebtedness. The common shares were issued under a prospectus supplement to the base shelf prospectus filed in July 2008.

In July 2008, TransCanada filed a base shelf prospectus in Canada and the U.S. qualifying for issuance \$3.0 billion of common shares, preferred shares and/or subscription receipts in Canada and the U.S. until August 2010. The shelf replaced a base shelf prospectus filed in January 2007.

In May 2008, TransCanada completed a public offering of common shares at a purchase price of \$36.50 per share. The issue of 34.7 million common shares, including the full exercise of a 15 per cent over-allotment option by the underwriters, resulted in gross proceeds of \$1.3 billion. These proceeds were used to partially fund the Ravenswood acquisition and the Company's capital projects, and for general corporate purposes. These common shares were issued by prospectus supplement under the base shelf prospectus filed in January 2007.

### *2007 Equity Financing Activities*

In first quarter 2007, TransCanada issued 45.4 million common shares at a purchase price of \$38.00 per share by prospectus supplement under a base shelf prospectus filed in Canada and the U.S. in January 2007, resulting in gross proceeds of \$1.7 billion. The proceeds were used in financing the acquisition of ANR and Great Lakes.

In February 2007, PipeLines LP completed a private placement offering of 17.4 million common units at a purchase price of US\$34.57 per unit. TransCanada acquired 50 per cent of the units for US\$300 million and invested an additional US\$12 million to maintain its general partnership ownership interest in PipeLines LP. The total private

placement plus TransCanada's additional investment resulted in gross proceeds to PipeLines LP of US\$612 million, which were used to partially finance its Great Lakes acquisition.

#### *Dividend Reinvestment and Share Purchase Plan*

Commencing in 2007, TransCanada's Board of Directors authorized the issuance of common shares from treasury at a discount to participants in the Company's DRP. Under this plan, eligible holders of common or preferred shares of TransCanada and preferred shares of TCPL may reinvest their dividends and make optional cash payments to obtain TransCanada common shares. The DRP shares are provided to the participants at a discount to the average market price in the five days before dividend payment. The discount was set at two per cent commencing with the dividend payable in April 2007 and was increased to three per cent commencing with the dividend payable in January 2009. Prior to the April 2007 dividend, TransCanada purchased shares on the open market and provided them to DRP participants at cost. The Company reserves the right to alter the discount or return to purchasing shares on the open market at any time. In 2009, dividends of \$254 million were paid (2008 \$218 million; 2007 \$157 million) through the issuance of 8.2 million (2008 6.0 million; 2007 4.1 million) common shares from treasury in accordance with the DRP.

#### *Dividends*

Cash dividends on common shares amounting to \$722 million were paid in 2009 (2008 \$577 million; 2007 \$546 million). In addition, cash dividends of \$6 million were paid on preferred shares in 2009. The increase in common share dividends paid in 2009 from 2008 was primarily due to a greater number of shares outstanding and an increase in the dividend per share amount in 2009, partially offset by the issuance of \$254 million of common shares under the DRP in lieu of cash dividends. The increase in common share dividends paid in 2008 from 2007 was primarily due to a greater number of shares outstanding and an increase in the dividend per share amount in 2008, partially offset by the Company's issuance in 2008 of \$218 million (2007 \$157 million) of common shares from treasury under the DRP in lieu of cash dividends.

In February 2010, TransCanada's Board of Directors approved an increase in the quarterly common share dividend payment to \$0.40 per share from \$0.38 per share for the quarter ending March 31, 2010. This was the tenth consecutive year in which the dividend was increased, resulting in a per share dividend that has doubled since 2000. In addition, a quarterly dividend of \$0.2875 per preferred share was declared for the quarter ending March 31, 2010.

#### *Issuer Ratings*

TransCanada's issuer rating assigned by Moody's Investors Service (Moody's) is Baa1 with a stable outlook. On September 30, 2009, DBRS and Standard and Poor's (S&P) assigned ratings of Pfd-2 (low) and P-2, respectively, to TransCanada's cumulative redeemable first preferred shares, Series 1 and, in connection with the offering of the preferred shares, S&P assigned TransCanada an A- long-term corporate credit rating with a stable outlook. TCPL's senior unsecured debt is rated A with a stable outlook by DBRS, A3 with a stable outlook by Moody's, and A- with a stable outlook by S&P.

## **CONTRACTUAL OBLIGATIONS**

#### *Obligations and Commitments*

At December 31, 2009, the Company had \$16.7 billion of total long-term debt and \$1.0 billion of junior subordinated notes, compared to \$16.2 billion of total long-term debt and \$1.2 billion of junior subordinated notes at December 31, 2008. TransCanada's share of the total debt of joint ventures, including capital lease obligations, was \$1.0 billion at December 31, 2009, compared to \$1.1 billion at December 31, 2008. Total notes payable, including TransCanada's proportionate share of the notes payable of joint ventures, were \$1.7 billion at December 31, 2009 and December 31, 2008. TransCanada has provided certain pro-rata guarantees related to the capital lease and performance obligations of Bruce Power and certain other partially owned entities.

**CONTRACTUAL OBLIGATIONS**Year ended December 31 (*millions of dollars*)

	Payments Due by Period				
	Total	Less than one year	1 - 3 years	3 - 5 years	More than 5 years
Long-term debt <sup>(1)</sup>	18,443	677	2,240	1,930	13,596
Capital lease obligations	222	13	33	43	133
Operating leases <sup>(2)</sup>	862	74	150	147	491
Purchase obligations	11,882	3,433	2,963	1,502	3,984
Other long-term liabilities reflected on the balance sheet	669	14	30	35	590
	32,078	4,211	5,416	3,657	18,794

(1) Includes junior subordinated notes and long-term debt of joint ventures, excluding capital lease obligations.

(2) Represents future annual payments, net of sub-lease receipts, for various premises, services and equipment. The operating lease agreements for premises, services and equipment expire at various dates through 2052 with an option to renew certain lease agreements for one to ten years.

TransCanada's commitments under the Alberta PPAs are considered to be operating leases and a portion of these PPAs have been subleased to third parties under similar terms and conditions. Future payments under these PPAs have been excluded from operating leases in the above table, as these payments are dependent upon plant availability among other factors. TransCanada's share of power purchased under the PPAs in 2009 was \$384 million (2008 \$398 million; 2007 \$391 million).

At December 31, 2009, scheduled principal repayments and interest payments related to long-term debt and the Company's proportionate share of the long-term debt of joint ventures were as follows:

**PRINCIPAL REPAYMENTS**Year ended December 31 (*millions of dollars*)

	Payments Due by Period				
	Total	Less than one year	1 - 3 years	3 - 5 years	More than 5 years
Long-term debt	16,664	478	2,099	1,879	12,208
Junior subordinated notes	1,036				1,036
Long-term debt of joint ventures	743	199	141	51	352
	18,443	677	2,240	1,930	13,596

**INTEREST PAYMENTS**Year ended December 31 (*millions of dollars*)

Payments Due by Period

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	Total	Less than one year	1 - 3 years	3 - 5 years	More than 5 years
Long-term debt	16,625	1,120	2,127	1,960	11,418
Junior subordinated notes	498	66	133	133	166
Long-term debt of joint ventures	305	46	73	65	121
	17,428	1,232	2,333	2,158	11,705

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At December 31, 2009, the Company's approximate future purchase obligations were as follows:

### PURCHASE OBLIGATIONS<sup>(1)</sup>

Year ended December 31 (*millions of dollars*)

	Payments Due by Period				
	Total	Less than one year	1 - 3 years	3 - 5 years	More than 5 years
<b>Pipelines</b>					
Transportation by others <sup>(2)</sup>	693	243	281	104	65
Capital expenditures <sup>(3)(4)</sup>	2,043	1,417	621	5	
Other	67	8	12	10	37
<b>Energy</b>					
Commodity purchases <sup>(5)</sup>	6,533	877	1,235	1,189	3,232
Capital expenditures <sup>(3)(6)</sup>	1,341	745	596		
Other <sup>(7)</sup>	1,161	117	209	188	647
<b>Corporate</b>					
Information technology and other	44	26	9	6	3
	11,882	3,433	2,963	1,502	3,984

(1) The amounts in this table exclude funding contributions to pension plans and funding to the APG.

(2) Rates are based on known 2010 levels. Beyond 2010, demand rates are subject to change. The purchase obligations in the table are based on known or contracted demand volumes only and exclude commodity charges incurred when volumes flow.

(3) Amounts are estimates and are subject to variability based on timing of construction and project enhancements. The Company expects to fund capital projects with cash from operations and, if necessary, new debt and equity.

(4) Capital expenditures are primarily related to the construction costs of Keystone, North Central Corridor, Guadalajara, Bison and other pipeline projects.

(5) Commodity purchases include fixed and variable components. The variable components are estimates and are subject to variability in plant production, market prices and regulatory tariffs.

(6) Capital expenditures are primarily related to TransCanada's share of the construction and development costs of Oakville, Bruce Power, Coolidge, Halton Hills and phase two of Kibby Wind.

(7) Includes estimates of certain amounts that are subject to change depending on plant fired hours, the consumer price index, actual plant maintenance costs, plant salaries and changes in regulated rates for transportation.

TransCanada and its affiliates have long-term natural gas transportation and natural gas purchase arrangements as well as other purchase obligations, all of which are transacted at market prices and in the normal course of business. Potential future commitments are discussed in the Pipelines Opportunities and Developments and Energy Opportunities and Developments sections in this MD&A.

In 2010, TransCanada expects to make funding contributions of approximately \$115 million for the defined benefit pension plans and approximately \$28 million for the Company's other post-retirement benefit plans, savings plan and defined contribution pension plans. This represents a decrease from total funding contributions of \$168 million in 2009 and is attributable primarily to significantly improved investment performance and to plan experience being different than expectations. TransCanada's proportionate share of funding contributions expected to be made by joint ventures to their respective pension and other post-retirement benefit plans in 2010 is approximately \$57 million and \$6 million, respectively, compared to total contributions of \$54 million in 2009.



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The next actuarial valuation for the Company's pension and other post-retirement benefit plans will be carried out as at January 1, 2011. TransCanada expects funding requirements for these plans to continue at the anticipated 2010 level for the next several years to amortize solvency deficiencies in addition to normal costs. The Company's 2010 net benefit cost is expected to increase modestly from 2009. However, future net benefit costs and the amount of funding contributions will be dependent on various factors, including investment returns achieved on plan assets, the level of interest rates, changes to plan design and actuarial assumptions, actual plan experience versus projections and amendments to pension plan regulations and legislation. Increases in the level of required plan funding are not expected to have a material impact on the Company's liquidity.

### *Bruce Power*

Bruce A has signed commitments to third-party suppliers related to refurbishing and restarting Units 1 and 2. TransCanada's share of these signed commitments, which extend over a two year period ending December 31, 2011, totals \$295 million.

### *Aboriginal Pipeline Group*

Under its agreement with the APG, TransCanada agreed to finance the APG's one-third share of the MGP project's predevelopment costs. These costs are currently forecast to be between \$150 million and \$200 million, on a cumulative basis, depending on the pace of project development. As at December 31, 2009, the Company had advanced \$143 million of this total. This agreement is discussed further in the Pipelines Opportunities and Developments section of this MD&A.

### *Contingencies*

TransCanada is subject to laws and regulations governing environmental quality and pollution control. At December 31, 2009, the Company had recorded liabilities of approximately \$67 million representing its estimate of the amount it expects to expend to remediate certain sites. However, additional liabilities may be incurred as more assessments occur and remediation efforts continue.

TransCanada and its subsidiaries are subject to various legal proceedings and actions arising in the normal course of business. While the final outcome of such legal proceedings and actions cannot be predicted with certainty, it is the opinion of management that the resolution of such proceedings and actions will not have a material impact on the Company's consolidated financial position or results of operations.

### *Guarantees*

TransCanada, Cameco Corporation and BPC have severally guaranteed one-third of certain contingent financial obligations of Bruce B related to power sales agreements, a lease agreement and contractor services. The guarantees have terms ranging from 2018 to perpetuity. In addition, TransCanada and BPC have severally guaranteed one-half of certain contingent financial obligations related to an agreement with the OPA to refurbish and restart Bruce A power generation units. The guarantees were provided as part of the reorganization of Bruce Power in 2005 and have terms ending in 2018 and 2019. In its 2009 decision to renew the operating licenses of Bruce Power, the Canadian Nuclear Safety Commission ordered that it was no longer necessary for the major partners of Bruce Power, including TransCanada, to provide financial assurances to Bruce Power to support its license obligations. TransCanada's share of the potential exposure under the remaining Bruce A and Bruce B guarantees was estimated at December 31, 2009 to be approximately \$741 million. The fair value of these Bruce Power guarantees is estimated to be \$82 million. The Company's exposure under certain of these guarantees is unlimited.

In addition to the guarantees for Bruce Power, the Company and its partners in certain other jointly owned entities have either (i) jointly and severally, (ii) jointly or (iii) severally guaranteed the financial performance of these entities related primarily to redelivery of natural gas, PPA payments and the payment of liabilities. TransCanada's share of the potential exposure under these guarantees was estimated at December 31, 2009 to range from \$351 million to a maximum of \$632 million. The fair value of these guarantees is estimated to be \$9 million which has been included in deferred amounts. The Company's exposure under certain of these guarantees is unlimited. For certain of these entities, any payments made by TransCanada under these guarantees in excess of its ownership interest are to be reimbursed by its partners.



## RISK MANAGEMENT AND FINANCIAL INSTRUMENTS

### FINANCIAL RISKS AND FINANCIAL INSTRUMENTS

#### Risk Management Overview

TransCanada has exposure to market risk, counterparty credit risk and liquidity risk. TransCanada engages in risk management activities with the objective being to protect earnings, cash flow and, ultimately, shareholder value.

Risk management strategies, policies and limits are designed to ensure TransCanada's risks and related exposures are in line with the Company's business objectives and risk tolerance. Risks are managed within limits ultimately established by the Company's Board of Directors, implemented by senior management and monitored by risk management and internal audit personnel. The Board of Directors' Audit Committee oversees how management monitors compliance with risk management policies and procedures, and oversees management's review of the adequacy of the risk management framework. Internal audit personnel assist the Audit Committee in its oversight role by performing regular and ad-hoc reviews of risk management controls and procedures, the results of which are reported to the Audit Committee.

#### Market Risk

The Company constructs and invests in large infrastructure projects, purchases and sells energy commodities, issues short-term and long-term debt, including amounts in foreign currencies, and invests in foreign operations. These activities expose the Company to market risk from changes in commodity prices, foreign exchange rates and interest rates, which affect the Company's earnings and the value of the financial instruments it holds.

The Company uses derivatives as part of its overall risk management strategy to manage the exposure to market risk that results from these activities. Derivative contracts used to manage market risk generally consist of the following:

**Forwards and futures contracts** contractual agreements to purchase or sell a specific financial instrument or commodity at a specified price and date in the future. TransCanada enters into foreign exchange and commodity forwards and futures to mitigate the impact of volatility in foreign exchange rates and commodity prices.

**Swaps** contractual agreements between two parties to exchange streams of payments over time according to specified terms. The Company enters into interest rate, cross-currency and commodity swaps to mitigate the impact of changes in interest rates, foreign exchange rates and commodity prices.

**Options** contractual agreements to convey the right, but not the obligation, of the purchaser to buy or sell a specific amount of a financial instrument or commodity at a fixed price, either at a fixed date or at any time within a specified period. The Company enters into option agreements to mitigate the impact of changes in interest rates, foreign exchange rates and commodity prices.

#### *Commodity Price Risk*

The Company is exposed to commodity price movements as part of its normal business operations, particularly in relation to the prices of electricity, natural gas and oil products. A number of strategies are used to mitigate these exposures, including the following:

Subject to its overall risk management strategy, the Company commits a significant portion of its expected power supply to fixed-price medium-term or long-term sales contracts, while reserving an amount of unsold supply to mitigate price risk in its asset portfolio.

The Company purchases a portion of the natural gas and oil products required for its power plants or enters into contracts that base the sales price of electricity on the cost of natural gas, effectively locking in a margin. A significant portion of the electricity needed to fulfill the Company's power sales commitments is fulfilled through power generation or purchased through contracts, thereby reducing the Company's exposure to fluctuating commodity prices.

The Company enters into offsetting or back-to-back positions using derivative financial instruments to manage price risk exposure in power and natural gas commodities created by certain fixed and variable pricing arrangements for different pricing indices and delivery points.

The Company assesses its commodity contracts and derivative instruments used to manage commodity risk to determine the appropriate accounting treatment. Contracts, with the exception of leases, have been assessed to determine whether they or certain aspects of them meet the definition of a derivative. Certain commodity purchase and sale contracts are derivatives but are not within the scope of Canadian Institute of Chartered Accountants (CICA) Handbook Section 3855 "Financial Instruments - Recognition and Measurement", as they were entered into and continue to be held for the purpose of receipt or delivery in accordance with the Company's expected purchase, sale or usage requirements. Certain other contracts are not within the scope of Section 3855 as they are considered to meet other exemptions.

TransCanada manages its exposure to seasonal natural gas price spreads in its natural gas storage business by economically hedging storage capacity with a portfolio of third-party storage capacity contracts and proprietary natural gas purchases and sales. TransCanada simultaneously enters into a forward purchase of natural gas for injection into storage and an offsetting forward sale of natural gas for withdrawal at a later period, thereby locking in future positive margins and effectively eliminating exposure to natural gas price movements. Fair value adjustments recorded each period on proprietary natural gas inventory in storage and these forward contracts may not be representative of the amounts that will be realized on settlement.

#### *Natural Gas Inventory Price Risk*

At December 31, 2009, the fair value of proprietary natural gas inventory in storage, as measured using a weighted average of forward prices for the following four months less selling costs, was \$73 million (2008 \$76 million). The change in fair value of proprietary natural gas inventory in storage in 2009 resulted in a net pre-tax unrealized gain of \$3 million (2008 unrealized loss of \$7 million; 2007 nil), which was recorded as an increase to Revenues and Inventories. The net change in fair value of natural gas forward purchase and sales contracts in 2009 resulted in a net pre-tax unrealized loss of \$2 million (2008 unrealized gain of \$7 million; 2007 unrealized gain of \$10 million), which was recorded as a decrease in revenues.

#### *Foreign Exchange and Interest Rate Risk*

Foreign exchange and interest rate risk is created by fluctuations in the fair value or cash flow of financial instruments due to changes in foreign exchange rates and market interest rates.

A portion of TransCanada's earnings from its Pipelines and Energy segments is generated in U.S. dollars and, as such, movement of the Canadian dollar relative to the U.S. dollar can affect TransCanada's earnings. This foreign exchange impact is offset by certain related debt and financing costs being denominated in U.S. dollars and by the Company's hedging activities. TransCanada currently has a greater exposure to U.S. currency fluctuations than in prior years due to significant growth in its U.S. operations, partially offset by increased levels of U.S. dollar-denominated debt.

The Company uses foreign currency and interest rate derivatives to manage the foreign exchange and interest rate risks related to its debt and other U.S. dollar-denominated transactions, and to manage the interest rate exposures of the Canadian Mainline, Alberta System and Foothills operations. Certain of the realized gains and losses on these derivatives are shared with shippers on predetermined terms. These gains and losses are deferred as regulatory assets and liabilities until they are recovered from or paid to the shippers in accordance with the terms of the shipping agreements.

TransCanada has floating interest rate debt, which subjects it to interest rate cash flow risk. The Company uses a combination of interest rate swaps and options to manage its exposure to this risk.

On a consolidated basis, the impact of changes in the U.S. dollar on U.S. Pipelines and Energy earnings is largely offset by the impact on U.S. dollar interest expense. The resultant net exposure is managed using derivatives, effectively reducing the Company's exposure to changes in foreign exchange rates.

*Net Investment in Self-Sustaining Foreign Operations*

The Company hedges its net investment in self-sustaining foreign operations (on an after-tax basis) with U.S. dollar-denominated debt, cross-currency interest rate swaps, forward foreign exchange contracts and foreign exchange options. At December 31, 2009, the Company had designated as a net investment hedge U.S. dollar-denominated debt with a carrying value of \$7.9 billion (US\$7.6 billion) (2008 \$7.2 billion (US\$5.9 billion)) and a fair value of \$9.8 billion (US\$9.3 billion) (2008 \$5.9 billion (US\$4.8 billion)). At December 31, 2009, \$96 million was included in Intangibles and Other Assets (2008 \$254 million in Deferred Amounts) for the fair value of the forwards, swaps and options used to hedge the Company's net U.S. dollar investment in foreign operations.

The fair values and notional or principal amounts for the derivatives designated as a net investment hedge were as follows:

**Asset/(Liability)**

December 31 (*millions of dollars*)

	2009		2008	
	Fair Value <sup>(1)</sup>	Notional or Principal Amount	Fair Value <sup>(1)</sup>	Notional or Principal Amount
U.S. dollar cross-currency swaps (maturing 2010 to 2014)	86	U.S. 1,850	(218)	U.S. 1,650
U.S. dollar forward foreign exchange contracts (maturing 2010)	9	U.S. 765	(42)	U.S. 2,152
U.S. dollar options (maturing 2010)	1	U.S. 100	6	U.S. 300
	96	U.S. 2,715	(254)	U.S. 4,102

(1) Fair values equal carrying values.

*VaR Analysis*

TransCanada uses a Value-at-Risk (VaR) methodology to estimate the potential impact resulting from its exposure to market risk on its open liquid positions. VaR estimates the potential change in pre-tax earnings over a given holding period for a specified confidence level. The VaR number calculated and used by TransCanada reflects a 95 per cent probability that the daily change resulting from normal market fluctuations in its open liquid positions will not exceed the reported VaR. The VaR methodology is a statistically-calculated, probability-based approach that takes into consideration market volatilities as well as risk diversification by recognizing offsetting positions and correlations among products and markets. Risks are measured across all products and markets, and risk measures are aggregated to arrive at a single VaR number.

There is currently no uniform industry methodology for estimating VaR. The use of VaR has limitations because it is based on historical correlations and volatilities in commodity prices, interest rates and foreign exchange rates, and assumes that future price movements will follow a statistical distribution. Although losses are not expected to exceed the statistically estimated VaR on 95 per cent of occasions, losses on the other five per cent of occasions could be substantially greater than the estimated VaR.

TransCanada's estimation of VaR includes wholly owned subsidiaries and incorporates relevant risks associated with each market or business unit. The calculation does not include the Pipelines segment as the rate-regulated nature of the pipeline business reduces the impact of market risks. TransCanada's Board of Directors has established a VaR limit, which is monitored on an ongoing basis as part of the Company's risk management policy. TransCanada's consolidated

VaR was \$12 million at December 31, 2009 (2008 \$23 million). The decline from December 31, 2008 was primarily due to decreased prices and lower open positions in the U.S. power portfolio.

### Counterparty Credit Risk

Counterparty credit risk represents the financial loss the Company would experience if a counterparty to a financial instrument failed to meet its obligations in accordance with the terms and conditions of its contracts with the Company.

Counterparty credit risk is managed through established credit management techniques, including conducting financial and other assessments to establish and monitor a counterparty's creditworthiness, setting exposure limits, monitoring exposures against these limits, using master netting arrangements and obtaining financial assurances where warranted. In general, financial assurances include guarantees, letters of credit and cash. The Company monitors and manages its concentration of counterparty credit risk on an ongoing basis. The Company believes these measures minimize its counterparty credit risk but there is no certainty that they will protect it against all material losses.

TransCanada's maximum counterparty credit exposure with respect to financial instruments at the balance sheet date consisted primarily of non-derivative financial assets such as accounts receivable, loans and notes receivable, as well as the fair value of derivative assets. Within these balances, the Company does not have significant concentrations of counterparty credit risk with any individual counterparties and the majority of counterparty credit exposure is with counterparties who are investment grade. At December 31, 2009, there were no significant amounts past due or impaired.

TransCanada has significant credit and performance exposures to financial institutions as they provide committed credit lines and cash deposit facilities, critical liquidity in the foreign exchange derivative, interest rate derivative and energy wholesale markets, and letters of credit to mitigate TransCanada's exposure to non-creditworthy counterparties.

As a level of uncertainty continues to exist in the global financial markets, TransCanada continues to closely monitor and reassess the creditworthiness of its counterparties. This has resulted in TransCanada reducing or mitigating its exposure to certain counterparties where it was deemed warranted and permitted under contractual terms. As part of its ongoing operations, TransCanada must balance its market and counterparty credit risks when making business decisions.

Certain subsidiaries of Calpine filed for bankruptcy protection in both Canada and the U.S. in 2005. Gas Transmission Northwest Corporation (GTNC) and Portland reached agreements with Calpine for allowed unsecured claims in the Calpine bankruptcy. In February 2008, GTNC and Portland received initial distributions of 9.4 million common shares and 6.1 million common shares, respectively, of Calpine, which represented approximately 85 per cent of their agreed-upon claims. In 2008, these shares were sold into the open market and resulted in total pre-tax gains of \$279 million. Claims by NGTL and Foothills Pipe Lines (South B.C.) Ltd. for \$32 million and \$44 million, respectively, were received in cash in January 2008 and were passed on to shippers on these systems in 2008 and 2009.

### Liquidity Risk

Liquidity risk is the risk that TransCanada will not be able to meet its financial obligations when due. The Company's approach to managing liquidity risk is to ensure that, under both normal and stressed conditions, it always has sufficient cash and credit facilities to meet its obligations when due without incurring unacceptable losses or damage to the Company's reputation.

Management continuously forecasts cash flows for a period of 12 months to identify financing requirements. These requirements are then managed through a combination of committed and demand credit facilities and access to capital markets, as discussed under the heading Capital Management below.

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At December 31, 2009, the Company had committed revolving bank lines of US\$1.0 billion, \$2.0 billion, US\$1.0 billion and US\$300 million maturing November 2010, December 2012, December 2012 and February 2013, respectively. At December 31, 2009, the US\$300 million facility was fully drawn and no draws were made on any of the other facilities. The Company has maintained continuous access to the Canadian commercial paper market on competitive terms.

The Company has access to capital markets under the following prospectuses:

In December 2009, TCPL filed a US\$4.0 billion debt base shelf prospectus qualifying for the issuance of up to US\$4.0 billion of debt securities in the U.S. At December 31, 2009, no amounts were issued under the base shelf prospectus.

In September 2009, TransCanada filed a \$3.0 billion base shelf prospectus qualifying for the issuance of up to \$3.0 billion of equity instruments in Canada and the U.S. until October 2011. At December 31, 2009, the Company had \$2.45 billion available under the base shelf prospectus.

In April 2009, TCPL filed a \$2.0 billion Medium-Term Notes base shelf prospectus in Canada. At December 31, 2009, no amounts were issued under this base shelf prospectus.

### Capital Management

The primary objective of capital management is to ensure TransCanada has strong credit ratings to support its businesses and maximize shareholder value. In 2009, the overall objective and policy for managing capital remained unchanged from the prior year.

TransCanada manages its capital structure in a manner consistent with the risk characteristics of the underlying assets. The Company's management considers its capital structure to consist of net debt, non-controlling interests and shareholders' equity. Net debt is comprised of notes payable, long-term debt and junior subordinated notes less cash and cash equivalents. Net debt only includes obligations that the Company controls and manages. Consequently, it does not include cash and cash equivalents, notes payable and long-term debt of TransCanada's joint ventures. The Company's capital structure was as follows:

December 31 (*millions of dollars*)

	2009	2008
Notes payable	1,678	1,685
Long-term debt	16,664	16,154
Junior subordinated notes	1,036	1,213
Cash and cash equivalents	(896)	(1,117)
<b>Net debt</b>	<b>18,482</b>	17,935
Non-controlling interests	1,174	1,194
Shareholders' equity	15,759	12,898
<b>Total equity</b>	<b>16,933</b>	14,092
<b>Total capital</b>	<b>35,415</b>	32,027

### Fair Values

Certain financial instruments included in cash and cash equivalents, accounts receivable, intangibles and other assets, notes payable, accounts payable, accrued interest and deferred amounts have carrying amounts that approximate their fair value due to the nature of the item or the short time to maturity. The fair value of foreign exchange and interest rate derivatives has been calculated using year-end market rates. The fair value of power, natural gas and oil products derivatives has been calculated using quoted market prices where available. In the absence of quoted market prices,



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third-party broker quotes or other valuation techniques are used. Credit risk has been taken into consideration when calculating the fair value of derivatives.

The fair value of the Company's long-term debt was estimated based on quoted market prices for the same or similar debt instruments and, when such information was not available, was estimated by discounting future payments of interest and principal at estimated interest rates that were made available to the Company.

### *Non-Derivative Financial Instruments Summary*

The carrying and fair values of non-derivative financial instruments were as follows:

December 31 (*millions of dollars*)

	2009		2008	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
<b>Financial Assets<sup>(1)</sup></b>				
Cash and cash equivalents	997	997	1,308	1,308
Accounts receivable, intangibles and other assets <sup>(2)(3)</sup>	1,432	1,483	1,427	1,427
Available-for-sale assets <sup>(2)</sup>	23	23	27	27
	<b>2,452</b>	<b>2,503</b>	<b>2,762</b>	<b>2,762</b>
<b>Financial Liabilities<sup>(1)(3)</sup></b>				
Notes payable	1,687	1,687	1,702	1,702
Accounts payable and deferred amounts <sup>(4)</sup>	1,538	1,538	1,372	1,372
Accrued interest	377	377	359	359
Long-term debt	16,664	19,377	16,154	15,337
Junior subordinated notes	1,036	976	1,213	815
Long-term debt of joint ventures	965	1,025	1,076	1,052
	<b>22,267</b>	<b>24,980</b>	<b>21,876</b>	<b>20,637</b>

(1) Consolidated net income in 2009 included \$6 million (2008 \$15 million) for fair value adjustments related to interest rate swap agreements on US\$250 million (2008 US\$200 million and \$50 million) of long-term debt. There were no other unrealized gains or losses from fair value adjustments to these financial instruments.

(2) At December 31, 2009, the Consolidated Balance Sheet included financial assets of \$966 million (2008 \$1,280 million) in accounts receivable and \$489 million (2008 \$174 million) in intangibles and other assets.

(3) Recorded at amortized cost, except for certain long-term debt and notes receivable which are adjusted to fair value.

(4) At December 31, 2009, the Consolidated Balance Sheet included financial liabilities of \$1,513 million (2008 \$1,350 million) in accounts payable and \$25 million (2008 \$22 million) in deferred amounts.

## Derivative Financial Instruments Summary

Information for the Company's derivative financial instruments for 2009 is as follows:

December 31 (all amounts in millions unless otherwise indicated)

	2009				
	Power	Natural Gas	Oil Products	Foreign Exchange	Interest
<b>Derivative Financial Instruments Held for Trading<sup>(1)</sup></b>					
Fair Values <sup>(2)</sup>					
Assets	\$150	\$107	\$5	\$	\$25
Liabilities	\$(98)	\$(112)	\$(5)	\$(66)	\$(68)
Notional Values					
Volumes <sup>(3)</sup>					
Purchases	15,275	238	180		
Sales	13,185	194	180		
Canadian dollars					574
U.S. dollars				U.S. 444	U.S. 1,325
Cross-currency				227/U.S. 157	
Net unrealized gains/(losses) in the year	\$3	\$(5)	\$1	\$3	\$27
Net realized gains/(losses) in the year	\$70	\$(76)	\$	\$36	(22)
Maturity dates	2010-2015	2010-2014	2010	2010-2012	2010-2018
<b>Derivative Financial Instruments in Hedging Relationships<sup>(4)(5)</sup></b>					
Fair Values <sup>(2)</sup>					
Assets	\$175	\$2	\$	\$	\$15
Liabilities	\$(148)	\$(22)	\$	\$(43)	\$(50)
Notional Values					
Volumes <sup>(3)</sup>					
Purchases	13,641	33			
Sales	14,311				
U.S. dollars				U.S. 120	U.S. 1,825
Cross-currency				136/U.S. 100	
Net realized gains/(losses) in the year	\$156	\$(29)	\$	\$	\$(37)
Maturity dates	2010-2015	2010-2014		2010-2014	2010-2020

(1) All derivative financial instruments in the held-for-trading classification have been entered into for risk management purposes and are subject to the Company's risk management strategies, policies and limits. These include derivatives that have not been designated as hedges or do not qualify for hedge accounting treatment but have been entered into as economic hedges to manage the Company's exposures to market risk.

(2) Fair values equal carrying values.

(3) Volumes for power, natural gas and oil products derivatives are in GWh, Bcf and thousands of barrels, respectively.

(4) All hedging relationships are designated as cash flow hedges except for interest rate derivative financial instruments designated as fair value hedges with a fair value of \$4 million and a notional amount of US\$150 million. Net realized gains on fair value hedges for December 31, 2009 were \$4 million and were included in interest expense. In 2009, the Company did not record any amounts in net income related to ineffectiveness for fair



value hedges.

(5)

In 2009, net income included losses of \$5 million for the changes in fair value of power and natural gas cash flow hedges that were ineffective in offsetting the change in fair value of their related underlying positions. In 2009, there were no gains or losses included in net income for discontinued cash flow hedges. No amounts have been excluded from the assessment of hedge effectiveness.

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The anticipated timing of settlement of the derivative contracts assumes constant commodity prices, interest rates and foreign exchange rates from December 31, 2009. Settlements will vary based on the actual value of these factors at the date of settlement. The anticipated timing of settlement of these contracts is as follows:

Year ended December 31 (*millions of dollars*)

	Total	2010	2011 and 2012	2013 and 2014	2015 and Thereafter
Derivative financial instruments held for trading					
Assets	287	201	73	11	2
Liabilities	(349)	(233)	(85)	(27)	(4)
Derivative financial instruments in hedging relationships					
Assets	288	142	106	35	5
Liabilities	(263)	(106)	(89)	(66)	(2)
	(37)	4	5	(47)	1

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Derivative Financial Instruments Summary

Information for the Company's derivative financial instruments for 2008 is as follows:

December 31 (all amounts in millions unless otherwise indicated)

2008

	Power	Natural Gas	Oil Products	Foreign Exchange	Interest
<b>Derivative Financial Instruments Held for Trading</b>					
Fair Values <sup>(1)</sup>					
Assets	\$132	\$144	\$10	\$41	\$57
Liabilities	\$(82)	\$(150)	\$(10)	\$(55)	\$(117)
Notional Values					
Volumes <sup>(2)</sup>					
Purchases	4,035	172	410		
Sales	5,491	162	252		
Canadian dollars					1,016
U.S. dollars				U.S. 479	U.S. 1,575
Japanese yen (in billions)				JPY 4.3	
Cross-currency				227/U.S. 157	
Net unrealized gains/(losses) in the year	\$24	\$(23)	\$1	\$(9)	\$(61)
Net realized gains/(losses) in the year	\$23	\$(2)	\$1	\$6	\$13
Maturity dates	2009-2014	2009-2011	2009	2009-2012	2009-2018
<b>Derivative Financial Instruments in Hedging Relationships<sup>(3)(4)</sup></b>					
Fair Values <sup>(1)</sup>					
Assets	\$115	\$	\$	\$2	\$8
Liabilities	\$(160)	\$(18)	\$	\$(24)	\$(122)
Notional Values					
Volumes <sup>(2)</sup>					
Purchases	8,926	9			
Sales	13,113				
Canadian dollars					50
U.S. dollars				U.S. 15	U.S. 1,475
Cross-currency				136/U.S. 100	
Net realized (losses)/gains in the year	\$(56)	\$15	\$	\$	\$(10)
Maturity dates	2009-2014	2009-2011		2009-2013	2009-2019

(1) Fair values equal carrying values.

(2) Volumes for power, natural gas and oil products derivatives are in GWh, Bcf and thousands of barrels, respectively.

(3) All hedging relationships are designated as cash flow hedges except for interest rate derivative financial instruments designated as fair value hedges with a fair value of \$8 million and notional amounts of \$50 million and US\$50 million. Net realized gains on fair value hedges at December 31, 2008 were \$1 million. In 2008, the Company did not record any amounts in net income related to ineffectiveness for fair value hedges.

(4) In 2008, net income included losses of \$6 million for changes in fair value of power and natural gas cash flow hedges that were ineffective in offsetting the change in fair value of their related underlying positions. In 2008, there were no gains or losses included in net income for discontinued cash flow hedges.



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A 10 per cent increase or 10 per cent decrease in commodity prices, with all other variables held constant, would cause an \$18 million decrease or an \$18 million increase, respectively, in the fair value of derivative financial instruments outstanding as at December 31, 2009.

A 100 basis points increase or 100 basis points decrease in the letter of credit rate, with all other variables held constant, would cause a \$6 million increase or a \$6 million decrease, respectively, in the fair value of guarantee liabilities outstanding as at December 31, 2009. Similarly, the effect of a 100 basis points increase or 100 basis points decrease in the discount rate on the fair value of guarantee liabilities outstanding as at December 31, 2009 would cause a \$2 million decrease in the liability or a \$2 million increase in the liability, respectively.

### *Balance Sheet Presentation of Derivative Financial Instruments*

The fair value of the derivative financial instruments in the Company's Balance Sheet was as follows:

December 31 (*millions of dollars*)

	2009	2008
<b>Current</b>		
Other current assets	315	318
Accounts payable	(340)	(298)
<b>Long-term</b>		
Intangibles and other assets	260	191
Deferred amounts	(272)	(694)
<b>OTHER RISKS</b>		

### *Development Projects and Acquisitions*

TransCanada continues to focus on growing its Pipelines and Energy operations through greenfield development projects and acquisitions. TransCanada capitalizes costs incurred on certain of its projects during the development period prior to construction when the project meets specific criteria and is expected to proceed through to completion. The related capital costs of a project that does not proceed through to completion are expensed at the time it is discontinued. There is a risk with respect to TransCanada's acquisition of assets and operations that certain commercial opportunities and operational synergies may not materialize as expected and would subsequently be subject to an impairment writedown.

### *Health, Safety and Environment Risk Management*

Health, safety and environment (HS&E) are top priorities in all of TransCanada's operations and activities in these areas are guided by the Company's HS&E Commitment Statement. The Commitment Statement outlines guiding principles for a safe and healthy environment for TransCanada's employees, contractors and the public, and for TransCanada's commitment to protect the environment. All employees are held responsible and accountable for HS&E performance. The Company is committed to being an industry leader in conducting its business so that it meets or exceeds all applicable laws and regulations, and minimizes risk to people and the environment. The Company is committed to tracking and improving its HS&E performance, and to promoting safety on and off the job in the belief that all occupational injuries and illnesses are preventable. TransCanada endeavours to do business with companies and contractors that share its perspective on HS&E performance and to influence them to improve their collective performance. TransCanada is committed to respecting the diverse environments and cultures in which it operates and to supporting open communication with the public, policy makers, scientists and public interest groups.

TransCanada is committed to ensuring compliance with its internal policies and legislated requirements. The HS&E Committee of TransCanada's Board of Directors monitors compliance with the Company's HS&E corporate policy through regular reporting. TransCanada's HS&E management system is modeled on the International Organization for

Standardization's (ISO) standard for environmental management systems, ISO 14001, and focuses resources on the areas of significant risk to the organization's HS&E business activities. Management is informed regularly of all important HS&E operational issues and initiatives through formal reporting processes. TransCanada's HS&E management system and performance are assessed by an independent outside firm every three years. The most recent assessment occurred in December 2009 and did not identify any material issues. The HS&E management system is subject to ongoing internal review to ensure that it remains effective as circumstances change.

In 2009, employee and contractor health and safety performance continued to be a top priority. TransCanada's objective is a health and safety performance consistent with top quartile companies in its sectors. Overall, the Company's safety frequency rates in 2009 continued to be better than most industry benchmarks.

The safety and integrity of the Company's existing and newly developed infrastructure also continued to be top priorities. All new assets are designed, constructed and commissioned with full consideration given to safety and integrity, and are not brought into service until all necessary requirements are satisfied. The Company expects to spend approximately \$181 million in 2010 for pipeline integrity on its wholly owned pipelines, which is \$10 million higher than in 2009 primarily due to increased levels of in-line pipeline inspection on all systems. Under the approved regulatory models in Canada, pipeline integrity expenditures on NEB regulated pipelines are treated on a flow-through basis and, as a result, have no impact on TransCanada's earnings. Under the Keystone contracts, pipeline integrity expenditures are recovered through the tolling mechanism and, as a result, have no impact on TransCanada's earnings. Expenditures for GTN may also be recovered through a cost recovery mechanism in its rates. TransCanada's pipeline safety record in 2009 continued to be above industry benchmarks. TransCanada experienced three pipeline breaks in 2009. The first occurred in a remote part of northern Alberta. The other two occurred in rural parts of northern Ontario. The breaks resulted in minimal impact with no injuries and only minor property damage in one of the incidents. All three incidents were subject to a Level 3 investigation by the Transportation Safety Board of Canada. Spending associated with public safety on the Energy assets is focused primarily on the Company's hydro dams and associated equipment, and is consistent with previous years.

## Environment

TransCanada's facilities are subject to various federal, provincial, state and local statutes and regulations, including requirements to establish compliance and remediation obligations. Compliance obligations can result in significant costs associated with installing and maintaining pollution controls, fines and penalties resulting from any failure to comply, and potential limitations on operations. Remediation obligations can result in significant costs associated with the investigation and remediation of contaminated properties, some of which have been designated as Superfund sites by the U.S. Environmental Protection Agency under the *Comprehensive Environmental Response, Compensation and Liability Act*, and with damage claims arising out of the contamination of properties. It is not possible for the Company to estimate the amount and timing of all future expenditures related to environmental matters due to:

- Uncertainties in estimating pollution control and clean-up costs, including at sites where only preliminary site investigation or agreements have been completed;

- the potential discovery of new sites or additional information at existing sites;

- the uncertainty in quantifying liability under environmental laws that impose joint and several liability on all potentially responsible parties;

- the evolving nature of environmental laws and regulations, including the interpretation and enforcement thereof; and

- the potential for litigation on existing or discontinued assets.

Environmental risks from TransCanada's operating facilities typically include: air emissions, such as nitrogen oxides, particulate matter and greenhouse gases; potential impacts on land, including land reclamation or restoration following construction; the use, storage or release of chemicals or hydrocarbons; the generation, handling and disposal of wastes and hazardous wastes; and water impacts such as uncontrolled water discharge. Environmental controls including physical design, programs, procedures and processes are in place to effectively manage these risks. TransCanada has

ongoing inspection programs designed to keep all of its facilities in compliance with environmental requirements and the Company is confident that its systems are in material compliance with the applicable requirements.

In 2009, TransCanada conducted environmental risk assessments and remediation work, as well as various retirement, reclamation and restoration activities on its Canadian and U.S. facilities. At December 31, 2009, TransCanada had recorded liabilities of approximately \$91 million (2008 \$86 million) for remediation obligations and compliance costs associated with greenhouse gas (GHG) legislation. The Company believes it has considered all necessary contingencies and established appropriate reserves for environmental liabilities. However, there is the risk that unforeseen matters may arise requiring the Company to set aside additional amounts.

TransCanada is not aware of any material outstanding orders, claims or lawsuits against the Company in relation to the release or discharge of any material into the environment or in connection with environmental protection.

North American climate change policy continues to evolve at regional and national levels. While recent political and economic events may significantly affect the scope and timing of new measures that are put in place, TransCanada anticipates that most of the Company's facilities in Canada and the U.S. are or will be captured under federal or regional climate change regulations to manage industrial GHG emissions.

In 2009, the Company owned assets in three Canadian provinces where regulations exist to address industrial GHG emissions. TransCanada has put in place procedures to address these regulations.

In Alberta, under the Specified Gas Emitters Regulation, industrial facilities are required to reduce GHG emissions intensities by 12 per cent, effective July 2007. TransCanada's Alberta-based facilities are subject to this regulation, as are the Sundance and Sheerness coal-fired power facilities with which TransCanada has PPAs. As an alternative to reducing emissions intensities, compliance can be achieved through the retirement of offsets or payments to a technology fund at a cost of \$15 per tonne of carbon dioxide (CO<sub>2</sub>) in excess of the mandated reduction. A program is in place to manage the compliance costs incurred by these assets as a result of the regulation. Compliance costs on the Alberta System are recovered through tolls paid by customers. Recovery of compliance costs at the Company's power generation facilities in Alberta is dependent ultimately on market prices for electricity. TransCanada has estimated and recorded costs of \$17 million for 2009. These costs will be finalized when compliance reports are submitted in March 2010.

The hydrocarbon royalty in Québec is collected by the natural gas distributor on behalf of the Québec government through a green fund contribution charge on gas consumed. In 2009, the cost pertaining to the Bécancour facility arising from the hydrocarbon royalty was less than \$1 million as a result of an agreement between TransCanada and Hydro-Québec to temporarily suspend the facility's power generation. The cost is expected to increase when the plant returns to service.

B.C.'s carbon tax, which came into effect in mid-2008, applies to CO<sub>2</sub> emissions arising from fossil fuel combustion. Compliance costs for fuel combustion at the Company's compressor and meter stations in B.C. are recovered through tolls paid by customers. Costs related to the carbon tax in 2009 were \$3 million. The cost per tonne of CO<sub>2</sub> was \$15 in 2009 and will increase to \$20 per tonne and \$25 per tonne in 2010 and 2011, respectively.

TransCanada has assets located in provinces where members of the Western Climate Initiative (WCI) have drafted regulations that apply to industrial GHG emitters. The Canadian WCI members include B.C., Manitoba, Ontario and Québec. The draft climate change strategies are expected to come into effect in 2012 and are expected to affect TransCanada's pipeline and power facilities. The details of how these provincial programs will align with the Canadian government's climate change policies remain uncertain.

Seven western U.S. states, along with the four Canadian provinces discussed above, are focused on the implementation of a cap and trade program under the WCI. Members of the WCI have set a GHG emission reduction target of 15 per cent below 2005 levels by 2020. California, a WCI founding member, has released draft cap and trade regulations that, if enacted, are anticipated to have an impact on the Company's pipeline assets in the state. The

financial implications to TransCanada are not expected to be material. Under the current form of draft regulations in Washington and Oregon it is expected that there will not be a significant cost of compliance in these states. TransCanada will continue to monitor these developments.

The Canadian government has continued to express interest in pursuing a harmonized continental climate change strategy. In January 2010, Environment Canada presented a revised target to the United Nations Framework Convention on Climate Change as part of its submission for the *Copenhagen Accord*. The submitted target represents a 17 per cent reduction in GHG emissions by 2020 relative to 2005 levels. The submission states that Canada will align with the final economy-wide emissions targets of the U.S. in enacted legislation. The Company expects that pipeline and power generation emissions will be subject to reduction targets for industrial emitters.

Emission allowances or credits purchased for compliance are recorded on the balance sheet at historical cost and expensed when they are retired. Compliance payments are expensed when incurred. Allowances granted to or internally generated by TransCanada are not attributed a value for accounting purposes. When required, TransCanada accrues emission liabilities on the balance sheet upon the generation or sale of power using the best estimate of the amount required to settle the obligation. Allowances or credits not used for compliance are sold and recorded as revenue. In 2009, costs of compliance and revenues from the sale of allowances were not significant.

Northeastern U.S. states that are members of the Regional Greenhouse Gas Initiative (RGGI) implemented a CO<sub>2</sub> cap and trade program for electricity generators effective January 1, 2009. Under the RGGI, both the Ravenswood and OSP power generation facilities will be required to submit allowances by December 31, 2011. TransCanada participated in the quarterly auctions of allowances for Ravenswood and OSP, and incurred related costs of \$8 million in 2009. These costs were generally recovered through the power market and the net impact on TransCanada was not significant.

Participants in the *Midwestern Greenhouse Gas Reduction Accord*, which involves six U.S. states and the province of Manitoba, are developing a regional strategy for reducing members' GHG emissions that will include a multi-sector cap and trade mechanism. Draft recommendations have been released but as yet not formally endorsed by participant states and Manitoba.

Climate change is a strategic issue for the U.S. government and federal policy to manage domestic GHG emissions continues to be a priority. The Environmental Protection Agency has released an endangerment finding regarding GHG emissions under the *Clean Air Act*. This finding was to determine whether the six types of GHGs in the atmosphere threaten the health and welfare of current and future generations. The U.S. House of Representatives passed a climate bill in June 2009 and the U.S. Senate is deliberating on a series of climate bills.

TransCanada monitors climate change policy developments and, when warranted, participates in policy discussions. The Company is also continuing its programs to manage GHG emissions from its facilities and to evaluate new processes and technologies that result in improved efficiencies and lower GHG emission rates.

## CONTROLS AND PROCEDURES

### *Evaluation of Disclosure Controls and Procedures*

Disclosure controls and procedures are designed to provide reasonable assurance that information required to be disclosed in reports filed with, or submitted to, securities regulatory authorities is recorded, processed, summarized and reported within the time periods specified under Canadian and U.S. securities laws. The information is accumulated and communicated to management, including the President and Chief Executive Officer and the Chief Financial Officer, to allow timely decisions regarding required disclosure.

As at December 31, 2009, an evaluation of the effectiveness of TransCanada's disclosure controls and procedures as defined under the rules adopted by the Canadian securities regulatory authorities and by the SEC was carried out under the supervision and with the participation of management, including the President and Chief Executive Officer and the Chief Financial Officer. Based on this evaluation, the President and Chief Executive Officer and the Chief Financial



Officer concluded that the design and operation of TransCanada's disclosure controls and procedures were effective as at December 31, 2009.

*Management's Annual Report on Internal Control over Financial Reporting*

Internal control over financial reporting is a process designed by or under the supervision of senior management and effected by the Board of Directors, management and other personnel to provide reasonable assurance regarding the reliability of financial reporting and preparation of consolidated financial statements for external purposes in accordance with Canadian GAAP, including a reconciliation to U.S. GAAP.

Management is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting, no matter how well designed, has inherent limitations and can only provide reasonable assurance with respect to the preparation and fair presentation of published financial statements. Under the supervision and with the participation of the President and Chief Executive Officer and the Chief Financial Officer, management conducted an evaluation of the effectiveness of its internal control over financial reporting based on the framework in Internal Control – Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission.

Based on this evaluation, management concluded that internal control over financial reporting is effective as at December 31, 2009, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external reporting purposes.

In 2009, there was no change in TransCanada's internal control over financial reporting that materially affected or is reasonably likely to materially affect TransCanada's internal control over financial reporting.

*CEO and CFO Certifications*

TransCanada's President and Chief Executive Officer and Chief Financial Officer have filed with the SEC and the Canadian securities regulators certifications regarding the quality of TransCanada's public disclosures relating to its fiscal 2009 reports filed with the SEC and the Canadian securities regulators.

**SIGNIFICANT ACCOUNTING POLICIES AND CRITICAL ACCOUNTING ESTIMATES**

To prepare financial statements that conform with Canadian GAAP, TransCanada is required to make estimates and assumptions that affect both the amount and timing of recording assets, liabilities, revenues and expenses, since the determination of these items may be dependent on future events. The Company uses the most current information available and exercises careful judgment in making these estimates and assumptions. The Company believes the following accounting policies and estimates require it to make assumptions about highly uncertain matters and changes in these estimates could have a material impact on the Company's financial information.

*Regulated Accounting*

The Company accounts for the impacts of rate regulation in accordance with GAAP. Three criteria must be met to use these accounting principles:

The rates for regulated services or activities must be established by or subject to approval by a regulator;

the regulated rates must be designed to recover the cost of providing the services or products; and

it must be reasonable to assume that rates set at levels to recover the cost can be charged to and collected from customers in view of the demand for services or products and the level of direct and indirect competition.

The Company's management believes all three of these criteria have been met with respect to each of the regulated natural gas pipelines accounted for using regulated accounting principles. The most significant impact from the use of these accounting principles is that the timing of recognition of certain expenses and revenues in the regulated businesses may differ from that otherwise expected under GAAP in order to appropriately reflect the economic impact of the regulators' decisions regarding the Company's revenues and tolls.



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Effective January 1, 2009, the Company's accounting for its future income taxes recorded on rate-regulated operations changed as discussed in the Accounting Changes section of this MD&A.

### *Financial Instruments and Hedges*

#### *Financial Instruments*

The Company initially records all financial instruments on the balance sheet at their fair value. Subsequent measurement of the financial instruments is based on their classification. Financial assets are classified into the following categories: held for trading, available for sale, held-to-maturity investments and loans and receivables. Financial liabilities are classified as held for trading or other financial liabilities. The Company does not have any held-to-maturity investments.

Held-for-trading derivative financial assets and liabilities consist of swaps, options, forwards and futures. Commodity held-for-trading financial instruments are initially recorded at their fair value and changes to fair value are included in revenues. Changes in the fair value of interest rate and foreign exchange rate held-for-trading instruments are recorded in interest expense and in interest income and other, respectively.

The available-for-sale classification includes non-derivative financial assets that are designated as available for sale or are not included in the other three classifications. These instruments are accounted for initially at their fair value and changes to fair value are recorded through other comprehensive income. Trade receivables, loans and other receivables with fixed or determinable payments that are not quoted in an active market are classified as "loans and receivables" and are measured at amortized cost using the effective interest method, net of any impairment. Other financial liabilities consist of liabilities not classified as held for trading. Items in this financial instrument category are recognized at amortized cost using the effective interest method.

The recognition of gains and losses on the derivatives for the Canadian Mainline, Alberta System and Foothills exposures is determined through the regulatory process. The gains and losses on derivatives accounted for as part of rate-regulated accounting are deferred in Regulatory Assets or Regulatory Liabilities.

#### *Hedges*

The Company applies hedge accounting to its arrangements that qualify for hedge accounting treatment, which include fair value and cash flow hedges, and hedges of foreign currency exposures of net investments in self-sustaining foreign operations. Hedge accounting is discontinued prospectively when the hedging relationship ceases to be effective or the hedging or hedged items cease to exist as a result of maturity, expiry, sale, termination, cancellation or exercise.

In a fair value hedging relationship, the carrying value of the hedged item is adjusted for changes in fair value attributable to the hedged risk. The changes in fair value are recognized in net income. Changes in the fair value of the hedged item, to the extent that the hedging relationship is effective, are offset by changes in the fair value of the hedging item, which are also recorded in net income.

In a cash flow hedging relationship, the effective portion of the change in the fair value of the hedging derivative is recognized in other comprehensive income, while any ineffective portion is recognized in net income in the same financial category as the underlying transaction. When hedge accounting is discontinued, the amounts recognized previously in accumulated other comprehensive income are reclassified to net income during the periods when the variability in cash flows of the hedged item affects net income. Gains and losses on derivatives are reclassified immediately to net income from accumulated other comprehensive income when the hedged item is sold or terminated early, or when a hedged anticipated transaction is no longer expected to occur.

The Company also enters into cash flow hedges and fair value hedges for activities subject to rate regulation. Any gains and losses arising from the changes in the fair value of these hedges can be recovered through the tolls charged by the Company. As a result, any gains and losses are deferred as rate-regulated assets or liabilities on behalf of the ratepayers. When the hedges are settled, the realized gains or losses are collected from or refunded to the ratepayers in subsequent years.

In hedging the foreign currency exposure of a net investment in a self-sustaining foreign operation, the effective portion of foreign exchange gains and losses on the hedging instruments is recognized in other comprehensive income and the ineffective portion is recognized in net income. The amounts recognized previously in accumulated other comprehensive income are reclassified to net income in the event the Company settles or otherwise reduces its investment in a foreign operation.

The fair value of financial instruments and hedges, where fair value does not approximate carrying value, is primarily derived from market values adjusted for credit risk, which can fluctuate greatly from period to period. These changes in fair value can result in variability in net income as a result of recording these changes in fair value through earnings. The risks associated with fluctuations to earnings and cash flows for financial instruments and hedges are discussed further in the Risk Management and Financial Instruments section of this MD&A.

#### *Depreciation and Amortization Expense*

TransCanada's plant, property and equipment are depreciated on a straight-line basis over their estimated useful lives once they are ready for their intended use. Pipeline and compression equipment are depreciated at annual rates ranging from one per cent to 25 per cent. Metering and other plant equipment are depreciated at various rates. Major power generation and natural gas storage plant, equipment and structures in the Energy business are depreciated on a straight-line basis over estimated service lives at average annual rates ranging from two per cent to ten per cent. Nuclear power generation assets under capital lease are initially recorded at the present value of minimum lease payments at the inception of the lease and amortized on a straight-line basis over the shorter of their useful life and the remaining lease term. Other Energy equipment is depreciated at various rates. Corporate plant, property and equipment are depreciated on a straight-line basis over estimated useful lives at average annual rates ranging from three per cent to 20 per cent.

Depreciation expense in 2009 was \$1,319 million (2008 \$1,189 million; 2007 \$1,179 million) and is recorded in Pipelines and Energy. In Pipelines, depreciation rates are approved by regulators when applicable and depreciation expense is recoverable based on the cost of providing the services or products. If regulators permit recovery of depreciation through rates charged to customers, a change in the estimate of the useful lives of plant, property and equipment in the Pipelines segment will have no material impact on TransCanada's net income but will directly affect funds generated from operations.

PPA amortization expense of \$58 million was recorded in Energy each year from 2007 through 2009. The initial payment for a PPA is deferred and amortized on a straight-line basis over the term of the contract, with remaining terms ranging from eight years to 11 years.

#### *Impairment of Long-Lived Assets and Goodwill*

The Company reviews long-lived assets such as property, plant and equipment, and intangible assets for impairment whenever events or changes in circumstances indicate the carrying value may not be recoverable. If the total of the estimated undiscounted future cash flows is less than the carrying value of the assets, an impairment loss is recognized for the excess of the carrying value over the fair value of the assets.

Goodwill is tested in the Pipelines and Energy segments for impairment annually, or more frequently if events or changes in circumstances indicate that the asset might be impaired. An initial assessment is made by comparing the fair value of the operations, which includes goodwill, to the book values of each reporting unit. If this fair value is less than book value, an impairment is indicated and a second test is performed to measure the amount of the impairment. In the second test, the implied fair value of the goodwill is calculated by deducting the fair value of all tangible and intangible net assets of the reporting unit from the fair value determined in the initial assessment. If the carrying value of the goodwill exceeds the calculated implied fair value of the goodwill, an impairment charge is recorded.

These valuations are based on management's projections of future cash flows and, therefore, require estimates and assumptions with respect to:

Discount rates;

commodity prices;

market supply and demand assumptions;

growth opportunities;

output levels;

competition from other companies; and

regulatory changes.

Significant changes in these assumptions could affect the Company's need to record an impairment charge.

## **ACCOUNTING CHANGES**

### **CHANGES IN ACCOUNTING POLICIES FOR 2009**

#### *Rate-Regulated Operations*

Effective January 1, 2009, the temporary exemption was withdrawn from the CICA Handbook Section 1100 "Generally Accepted Accounting Principles", which permitted the recognition and measurement of assets and liabilities arising from rate regulation. In addition, Section 3465 "Income Taxes" was amended to require the recognition of future income tax assets and liabilities for rate-regulated operations. In accordance with the CICA Handbook accounting hierarchy, the Company chose to adopt accounting policies consistent with the U.S. Financial Accounting Standards Board's (FASB) Accounting Standards Codification (ASC) Topic 980 "Regulated Operations". As a result, TransCanada retained its current method of accounting for its rate-regulated operations, except that the Company is required to recognize future income tax assets and liabilities, instead of using the taxes payable method, and records an offsetting adjustment to regulatory assets and liabilities. As a result of adopting this accounting change, additional future income tax liabilities and a regulatory asset in the amount of \$1.4 billion were recorded January 1, 2009 in each of future income taxes and regulatory assets, respectively.

Adjustments to the 2009 financial statements have been made in accordance with the transitional provisions for Section 3465, which required a cumulative adjustment in the current period to future income taxes and regulatory assets. Restatement of prior periods' financial statements was not permitted under Section 3465.

#### *Goodwill and Intangible Assets*

Effective January 1, 2009, the Company adopted CICA Handbook Section 3064 "Goodwill and Intangible Assets", which replaced Section 3062 "Goodwill and Other Intangible Assets". Section 3064 gives guidance on the recognition of intangible assets and on the recognition and measurement of internally developed intangible assets. In addition, Section 3450 "Research and Development Costs" was withdrawn from the CICA Handbook. Adopting this accounting change did not have a material effect on the Company's financial statements.

#### *Credit Risk and the Fair Value of Financial Assets and Financial Liabilities*

Effective January 1, 2009, the Company adopted the accounting provisions of Emerging Issues Committee (EIC) Abstract EIC 173 "Credit Risk and the Fair Value of Financial Assets and Financial Liabilities". Under EIC 173, an entity's own credit risk and the credit risk of its counterparties are taken into account in determining the fair value of financial assets and financial liabilities, including derivative instruments. Adopting this accounting change did not have a material effect on the Company's financial statements.

## **FUTURE ACCOUNTING CHANGES**

#### *Business Combinations, Consolidated Financial Statements and Non-Controlling Interests*

CICA Handbook Section 1582 "Business Combinations" is effective for business combinations with an acquisition date after January 1, 2011. This standard was amended to require additional use of fair value measurements, recognition of

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additional assets and liabilities, and increased disclosure. Adopting the standard is expected to have a material effect on the way the Company accounts for future business combinations. Entities adopting Section 1582 will also be required to adopt CICA Handbook Sections 1601 "Consolidated Financial Statements" and 1602 "Non-Controlling Interests". These standards will require non-controlling interests to be presented as part of shareholders' equity on the balance sheet. In addition, the income statement of the controlling parent will include 100 per cent of the subsidiary's results and present the allocation between the controlling and non-controlling interests. These standards will be effective January 1, 2011, with early adoption permitted. The changes resulting from adopting Section 1582 will be applied prospectively and the changes from adopting Sections 1601 and 1602 will be applied retrospectively.

### *International Financial Reporting Standards*

The CICA's Accounting Standards Board announced that Canadian publicly accountable enterprises are required to adopt IFRS, as issued by the International Accounting Standards Board (IASB), effective January 1, 2011. Effective January 1, 2011, the Company will begin reporting under IFRS.

TransCanada's conversion plan includes obtaining skilled people, providing education and training, analyzing the impact on TransCanada of key differences between GAAP and IFRS, and developing and executing a phased approach to conversion and implementation. The current status of key elements of TransCanada's conversion project is as follows:

### *Resources and Training*

TransCanada has established an IFRS project team to support the conversion effort. The team conducts technical research and provides issue identification, training, work group leadership, policy recommendations and implementation support. The project team is led by a multi-disciplinary Steering Committee that provides directional leadership for the conversion project and assists in developing accounting policy recommendations. Management also updates the Audit Committee on the progress of the IFRS project at each Audit Committee meeting.

TransCanada's IFRS training, which began in 2008, includes project awareness sessions, an annual comprehensive IFRS immersion course, topic specific courses and systems training sessions. Throughout the project, IFRS training is being provided on an ongoing basis to TransCanada staff and directors affected by the conversion to ensure they are knowledgeable about new IFRS developments.

### *Analysis of Differences Between IFRS and GAAP*

TransCanada's conversion project is being executed using a risk-based methodology focusing on the significant differences between GAAP and IFRS. A high-level diagnostic was completed in 2008 outlining the significant differences and rating each difference based on its expected level of significance to TransCanada. In making this assessment, the technical accounting complexity, number of policy choices, estimated need for conversion resources and impact on systems were considered. The project team continues to assess the differences between GAAP and IFRS and their significance to the Company.

The differences between GAAP and IFRS that have been identified as significant to the Company are explained below. Several of the IFRS standards that are expected to be applicable to TransCanada are in the process of being amended by the IASB. Amendments to existing standards are expected to continue until the January 1, 2011 effective date. TransCanada actively monitors the IASB's schedule of projects, giving consideration to any proposed changes, where applicable, in its assessment of differences between IFRS and GAAP. As a result of proposed changes to certain IFRS, together with the current stage of the Company's IFRS project, TransCanada cannot reasonably quantify the full impact that adopting IFRS will have on its financial position and future results.

### *Rate-Regulated Activities*

Under GAAP, TransCanada currently follows specific accounting policies unique to a rate-regulated business. In July 2009, the IASB issued an Exposure Draft "Rate-Regulated Activities". Under the Exposure Draft, regulatory assets and regulatory liabilities will represent the expected present values of future revenues that are expected to be recovered from or refunded to customers. Under GAAP, the Company measures these regulatory assets and regulatory liabilities on a historical cost basis in respect of future revenues that are expected to be recovered from or refunded to customers.

The Exposure Draft also outlines certain criteria an entity must meet to be within the scope of the new standard. The Company continues to assess the impact of developments regarding this exposure draft, as they could have a significant effect on TransCanada's balance sheet and could result in increased income volatility.

#### *Plant, Property and Equipment*

Under GAAP, items of plant, property and equipment are depreciated on a straight-line basis over their estimated service lives. Under IFRS, significant components of the same items of plant, property and equipment will be separately identified and depreciated over their respective estimated service life.

#### *Joint Ventures*

Under GAAP, TransCanada proportionately consolidates its share of the accounts of joint ventures in which the Company is able to exercise joint control and uses the equity method of accounting for investments over which the Company is able to exercise significant influence.

The IASB issued an Exposure Draft, which is expected to be effective in 2011, under which TransCanada would use the equity method of accounting for joint ventures in which the Company is able to exercise joint control or significant influence, but not sole control. For joint operations in which the Company is able to exercise joint control, TransCanada would record its proportionate share of the assets, liabilities and related revenues and expenses, as well as expenses or liabilities the Company would incur directly on behalf of the assets.

#### *Provisions*

Under GAAP, the scope and timing of asset retirements related to regulated natural gas pipelines and hydroelectric power plants is uncertain. As a result, the Company has not recorded an amount for asset retirement obligations related to these assets with the exception of certain abandoned facilities.

Under IFRS, TransCanada would be required to record obligations relating to the retirement of its regulated pipelines where a legal, contractual or constructive obligation currently exists. The Company is assessing its ability to reliably estimate the cost to abandon these assets in the future, where applicable.

#### *Employee Benefits*

Under GAAP, past service costs relating to the Company's defined benefit pension plans are recognized over the expected average remaining service life of the employees. Under IFRS, past service costs would be recognized on a straight-line basis over the average remaining vesting period.

Under GAAP, actuarial gains and losses are deferred and amortized using a "corridor" approach. Under IFRS, there are three alternatives for recognizing actuarial gains and losses. These gains or losses can be deferred and amortized subject to certain provisions that differ slightly from GAAP, recognized in profit and loss in the period they are incurred or recognized in other comprehensive income in the period they are incurred. The Company is currently assessing the IFRS alternatives.

#### *Leases*

Under GAAP and IFRS, leases that transfer to the Company substantially all the risks and rewards incidental to ownership of the leased item are capitalized at the commencement of the lease term. GAAP prescribes specific thresholds for evaluating whether substantially all the risks and rewards incidental to ownership of the leased item are transferred, while IFRS does not contain such specific thresholds. The Company is currently assessing its lease contracts, including contingent lease payments, under IFRS.

#### *Financial Instruments*

Under GAAP, contracts that meet specific scope exemptions or do not meet the definition of a derivative as they do not have a specified notional amount, are not subject to the recognition and measurement criteria for financial instruments. The Company is currently assessing these contracts to determine whether they are subject to IFRS recognition and measurement criteria for financial instruments.



*Impairment of Non-Current Assets*

The Company reviews non-current assets, such as plant, property and equipment and intangible assets with a definite, useful life, for indicators of impairment at each reporting date. Tests for impairment are performed if there is an indication that the carrying value of the assets may not be recoverable.

The method of determining a potential impairment loss is slightly different under GAAP than under IFRS and the Company is assessing the impact of the difference on TransCanada.

*Impairment of Goodwill*

Under GAAP, an initial impairment assessment of goodwill is made by comparing the fair value of the operations, which includes goodwill, to the book values of each reporting unit. If the fair va