

<b>%</b>	The symbol for percent.
<b>Aboriginal person</b>	Any Indian, Inuit or Métis person who was born in the Northwest Territories or who is descended from an Aboriginal person born in the Northwest Territories.
<b>AFUDC</b>	The abbreviation for allowance for funds used during construction.
<b>anchor fields</b>	The three natural gas fields Taglu, Parsons Lake and Niglintgak, whose production will provide the basic volume of gas shipped in the Mackenzie Valley pipeline.
<b>AOS</b>	The abbreviation for authorized overrun service.
<b>APG</b>	The abbreviation for Mackenzie Valley Aboriginal Pipeline Limited Partnership.
<b>as-spent dollars</b>	Amounts that have not been adjusted to remove the effect of changes in the purchasing power of the dollar. Also known as <i>nominal dollars</i> .
<b>backstop funding</b>	Additional sources of funding to be provided when access to commercial sources of funding cannot be obtained under acceptable terms and conditions.
<b>base case</b>	The business case that represents a set of assumptions used to establish the design basis and against which alternatives are compared.
<b>BC</b>	The abbreviation for British Columbia.
<b>Bcf/d</b>	The abbreviation for billion cubic feet per day.
<b>capital cost</b>	The money that needs to be spent to design and construct the project facilities.
<b>compression, gas</b>	The process of increasing the pressure on gas to reduce its volume or cause it to flow. Natural gas is usually compressed for pipeline transportation.
<b>compressor station</b>	A facility containing equipment that is used to increase pressure to compress natural gas for transportation.
<b>ConocoPhillips</b>	The abbreviation for ConocoPhillips Canada (North) Limited.
<b>continuous permafrost</b>	A category of permafrost where more than 90% of all ground is frozen. Permafrost distribution along the Mackenzie Valley varies from extensive and continuous in the north to discontinuous and sporadic in the south.

## GLOSSARY

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<b>contract demand quantity</b>	The maximum amount of service a seller agrees to provide on a periodic (daily, monthly or annual) basis.
<b>deemed capital structure</b>	A capital structure used for rate-setting purposes that differs from a company's actual capital structure.
<b>deliverability</b>	The estimated rate at which natural gas, crude oil or bitumen can be produced, unrestricted by demand but constrained by costs and transportation infrastructure. Also known as <i>production capacity</i> .
<b>delta</b>	An alluvial deposit, usually triangular in shape, at the mouth of a river, stream or tidal inlet.
<b>discontinuous permafrost</b>	A category of permafrost where some of the underlying ground is unfrozen. Permafrost distribution along the Mackenzie Valley varies from extensive and continuous in the north to discontinuous and sporadic in the south.
<b>EEA</b>	The abbreviation for Energy and Environmental Analysis, Inc.
<b>ExxonMobil</b>	The abbreviation for ExxonMobil Canada Properties.
<b>firm service</b>	Service offered to customers under schedules or contracts that anticipate no interruptions, except for force majeure.
<b>Firm Service Transportation Agreement</b>	A contractual agreement that provides for the delivery of natural gas up to a specific maximum daily quantity. The shipper must pay a monthly demand charge, regardless of the volumes transported, and a commodity charge for the volumes actually transported.
<b>force majeure</b>	An unforeseeable course of events that excuse a person or an organization from fulfilling a contract.
<b>FSTA</b>	The abbreviation for Firm Service Transportation Agreement.
<b>gas, natural</b>	A compressible mixture of hydrocarbons, with a low specific gravity, that occurs naturally in a gaseous form.
<b>gas pipeline</b>	The proposed gas pipeline that would extend from the Inuvik area facility, parallel to the NGL pipeline along the Mackenzie River to Norman Wells, and continue south to connect to an extension of the TransCanada PipeLines Alberta system south of the Northwest Territories–Alberta boundary. Also known as the <i>Mackenzie Valley pipeline</i> .
<b>gathering pipelines</b>	Four pipelines, also known as laterals, that transport natural gas and NGLs from the anchor fields to the Inuvik area facility. These include the Niglintgak lateral, Taglu lateral, Parsons Lake lateral and Storm Hills lateral.

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<b>gathering system</b>	A system of pipelines and related facilities that include four gathering pipelines, the Inuvik area facility, the NGL pipeline and related facilities, such as valves, pig launchers and receivers.
<b>GLJ</b>	The abbreviation for Gilbert Laustsen Jung Associates Ltd.
<b>Gm<sup>3</sup></b>	The metric symbol for billion cubic metres.
<b>GMDFS</b>	The abbreviation for Gas Market and Data Forecasting System.
<b>GTN</b>	The abbreviation for Gas Transmission Northwest Corporation.
<b>heavy oil</b>	Crude oil that has a low measure of specific gravity.
<b>HSM</b>	The abbreviation for Hydrocarbon Supply Model.
<b>hydrocarbon</b>	An organic compound of hydrogen and carbon whose density, boiling point, and freezing point increase as its molecular weight increases. Petroleum is a mixture of many different hydrocarbons.
<b>infrastructure</b>	Basic facilities, such as transportation, communications, power supplies and buildings, which enable an organization, project or community to function.
<b>Inuvik area facility</b>	The gas and NGL processing facility for the Mackenzie Gas Project, to be located near Inuvik.
<b>IT</b>	The abbreviation for interruptible transportation.
<b>km</b>	The metric symbol for kilometre.
<b>km<sup>2</sup></b>	The metric symbol for square kilometres.
<b>line pack</b>	A process whereby the amount of gas in a pipeline system is increased by adding gas or increasing pressure, or both.
<b>liquefied natural gas</b>	Supercooled natural gas that is maintained as a liquid at -160°C. As this gas occupies 1/640th of its original volume, it is easier to transport if pipelines cannot be used.
<b>LNG</b>	The abbreviation for liquefied natural gas.
<b>M</b>	The metric symbol for mega (million or 10 <sup>6</sup> ).
<b>m</b>	The metric symbol for metre.
<b>m<sup>3</sup></b>	The metric symbol for cubic metre.
<b>m<sup>3</sup>/d</b>	The metric symbol for cubic metres per day.

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<b>Mackenzie Valley pipeline</b>	The proposed gas pipeline that would extend from the Inuvik area facility, parallel to the NGL pipeline along the Mackenzie River to Norman Wells, and continue south to connect to an extension of the TransCanada PipeLines Alberta system south of the Northwest Territories–Alberta boundary. Also known as the <i>gas pipeline</i> .
<b>Mcf/d</b>	The abbreviation for thousands of cubic feet per day.
<b>mg/m<sup>3</sup></b>	The metric symbol for milligrams per cubic metre.
<b>MJ/m<sup>3</sup></b>	The metric symbol for millions of joules per cubic metre.
<b>Mm<sup>3</sup></b>	The metric symbol for million cubic metres.
<b>Mm<sup>3</sup>/d</b>	The metric symbol for million cubic metres per day.
<b>MW</b>	The abbreviation for megawatt.
<b>natural gas</b>	A compressible mixture of hydrocarbons, with a low specific gravity, that occurs naturally in a gaseous form.
<b>natural gas liquids</b>	Hydrocarbons that are gaseous in the reservoir, but that will separate out in liquid form at the pressures and temperatures at which separators normally operate. The liquids consist of varying proportions of butane, propane, pentane and heavier fractions, with little or no methane or ethane.
<b>NCI</b>	The abbreviation for Navigant Consulting, Inc.
<b>NEB</b>	The abbreviation for the National Energy Board.
<b>NGL</b>	The abbreviation for natural gas liquid.
<b>NGTL</b>	The abbreviation for NOVA Gas Transmission Ltd.
<b>nominal dollars</b>	Amounts that have not been adjusted to remove the effect of changes in the purchasing power of the dollar. Also known as <i>as-spent dollars</i> .
<b>NPS</b>	The abbreviation for nominal pipe size.
<b>NWT</b>	The abbreviation for Northwest Territories.
<b>OGIP</b>	The abbreviation for original gas-in-place.
<b>open season</b>	A period of time in which potential customers can bid for pipeline services, and during which such customers are treated equally regarding priority in the queue for service.
<b>permafrost</b>	Perennially frozen ground, occurring wherever the temperature remains below 0°C for several years.

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<b>Precedent Agreement</b>	A conditional agreement between the shipper and the transporter that outlines the conditions leading the parties to enter into a Firm Service Transportation Agreement, once the conditions have been satisfied.
<b>production</b>	The operation of bringing raw natural gas to the surface for processing.
<b>production capacity</b>	The estimated rate at which natural gas, crude oil or bitumen can be produced, unrestricted by demand but constrained by costs and transportation infrastructure. Also known as <i>deliverability</i> .
<b>pro forma</b>	Something done or produced as a matter of form.
<b>project proponents</b>	The five organizations (Imperial, the APG, ConocoPhillips, Shell and ExxonMobil) that are undertaking the Mackenzie Gas Project.
<b>pro rata</b>	According to the share or interest of each.
<b>Q4</b>	The abbreviation for the fourth quarter of the year (October 1 to December 31).
<b>reservoir</b>	A porous and permeable underground rock formation containing a natural accumulation of crude oil or raw natural gas that is confined by impermeable rock or water barriers.
<b>return on equity</b>	Compensation for the investment of capital, i.e., earnings. Regulated public utilities are, by statute, entitled to charge rates that permit them to earn a fair return on their equity invested.
<b>ROE</b>	The abbreviation for return on equity.
<b>Shell</b>	The abbreviation for Shell Canada Limited.
<b>shipper</b>	An individual or company that contracts with a pipeline company for transporting natural gas and that retains title to the natural gas while it is being transported in the pipeline.
<b>Significant Discovery Licence</b>	A licence, issued under the provisions of the Canada Petroleum Resources Act, that allows the licence holder to explore, drill and test for petroleum and to develop frontier lands to produce petroleum.
<b>start-up</b>	The act of starting up new machinery or equipment after commissioning, or re-starting up machinery or equipment after a temporary shutdown or decommissioning.
<b>subordinated debt</b>	A loan on security that ranks below other loans or securities with regard to claims on assets or earnings.
<b>tariff</b>	A published statement of rate schedules and general terms and conditions under which a service will be supplied.

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<b>Tcf</b>	The abbreviation for trillion cubic feet.
<b>TJ/d</b>	The metric symbol for terajoules per day.
<b>toll</b>	The fee charged by a pipeline company for the use of its facilities.
<b>TransCanada</b>	The abbreviation for TransCanada PipeLines Limited.
<b>transporter</b>	The operator of the Mackenzie Valley pipeline.
<b>US</b>	The abbreviation for the United States.