

**APPENDIX “C”**

**DRAFT RATE ORDER**

**ATTACHMENT 1**  
**RATE HANDBOOK**

# RATE HANDBOOK

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Draft Rate Order  
Exhibit H2  
Tab 6

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## ***ENBRIDGE GAS DISTRIBUTION***

### **HANDBOOK OF RATES AND DISTRIBUTION SERVICES**

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## Part I

### GLOSSARY OF TERMS

In this Handbook of Rates and Distribution Services, each term set out below shall have the meaning set out opposite it:

**Annual Turnover Volume ("ATV"):** The sum of the contracted volumes injected into and withdrawn from storage by an applicant within a contract year.

**Annual Volume Deficiency:** The difference between the Minimum Annual Volume and the volume actually taken in a contract year, if such volume is less than the Minimum Annual Volume.

**Applicant:** The party who makes application to the Company for one or more of the services of the Company and such term includes any party receiving one or more of the services of the Company.

**Authorized Volume:** In regards to Sales Service Agreements, the Contract Demand.

In regards to Bundled Transportation Service arrangements, the Contract Demand (CD) less the amount by which the Applicant's Mean Daily Volume (MDV) exceeds the Daily Delivered Volume (Delivery) and less the volume by which the Applicant has been ordered to curtail or discontinue the use of gas (Curtailment Volume) or otherwise represented as:

CD – (MDV – Delivery) – Curtailment Volume

**Back-stopping:** A service whereby alternative supplies of gas may be available in the event that an Applicant's supply of gas is not available for delivery to the Company.

**Banked Gas Account:** A record of the amount of gas delivered by the Applicant to the Company in respect of a Terminal Location (credits) and of volume of gas taken by the Applicant at the Terminal Location (debits)

**Billing Contract Demand:** Applicable only to new customers who take Dedicated Service under Rate 125. The Company and the Applicant shall determine a Billing Contract Demand which would result in annual revenues over the term of the contract that would enable the Company to recover the invested capital, return on capital, and O&M costs of the Dedicated Service in accordance with its system expansion policies.

**Billing Month:** A period of approximately thirty (30) days following which the Company renders a bill to an applicant. The billing month is determined by the Company's monthly Reading and Billing Schedule.

With respect to rate 135 LVDC's, there are eight summer months and four winter months.

**Board:** Ontario Energy Board. (OEB)

**Bundled Service:** A service in which the demand for natural gas at a Terminal Location is met by the Company utilizing Load balancing resources.

**Buy/Sell Arrangement:** An arrangement, the terms of which are provided for in one or more agreements to which one or more of an end user of gas (being a party that buys from the Company gas delivered to a Terminal Location), an affiliate of an end user and a marketer, broker or agent of an end user is a party and the Company is a party, and pursuant to which the Company agrees to buy from the end user or its affiliate a supply of gas and to sell to the end user gas delivered to a Terminal Location served from the gas distribution network. The Company will not enter into any new buy/sell agreement after April 1, 1999.

**Buy/Sell Price:** The Price per cubic meter which the Company would pay for gas purchased pursuant to a Buy/Sell Arrangement in which the purchase takes place in Ontario.

**Commodity Charge:** A charge per unit volume of gas actually taken by the Applicant, as distinguished from a demand charge which is based on the maximum daily volume an Applicant has the right to take.

**Company:** Enbridge Gas Distribution Inc.

**Contract Demand:** A contractually specified volume of gas applicable to service under a particular Rate Schedule for each Terminal Location which is the maximum volume of gas the Company is required to deliver on a daily basis under a Large Volume Distribution Contract.

**Cubic Metre ("m³"):** That volume of gas which at a temperature of 15 degrees Celsius and at an absolute pressure of 101.325 kilopascals ("kPa") occupies one cubic metre. "10³m³" means 1,000 cubic metres.

**Curtailment:** An interruption in an Applicant's gas supply at a Terminal Location resulting from compliance with a request or an order by the Company to discontinue or curtail the use of gas.

**Curtailment Credit:** A credit available to interruptible customers to recognize the benefits they provide to the system during the winter months.

**Curtailment Delivered Supply (CDS):** An additional volume of gas, in excess of the Applicant's Mean Daily Volume and determined by mutual agreement between the Applicant and the Company, which is Nominated and delivered by or on behalf of the Applicant to a point

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of interconnection with the Company's distribution system on a day of Curtailment.

**Customer Charge:** A monthly fixed charge that reflects being connected to the gas distribution system.

**Daily Consumption vs Gas Quantity:** The volume of natural gas taken on a day at a Terminal Location as measured by daily metering equipment or, where the Company does not own and maintain daily metering equipment at a Terminal Location, the volume of gas taken within a billing period divided by the number of days in the billing period.

**Daily Delivered Volume:** The volume of gas accepted by the Company as having been delivered by an Applicant to the Company on a day.

**Dedicated Service:** An Unbundled Service provided through a gas distribution pipeline that is initially constructed to serve a single customer, and for which the volume of gas is measured through a billing meter that is directly connected to a third party transporter or other third party facility, when service commences.

**Delivery Charge:** A component of the Rate Schedule through which the Company recovers its operating costs.

**Demand Charge:** A fixed monthly charge which is applied to the Contract Demand specified in a Service Contract.

**Demand Overrun:** The amount of gas taken at a Terminal Location exceeding the Contract Demand.

**Direct Purchase:** Natural gas supply purchase arrangements transacted directly between the Applicant and one or more parties, including the Company.

**Disconnect and Reconnect Charges:** The charges levied by the Company for disconnecting or reconnecting an Applicant from or to the Company's distribution system.

**Diversión:** Delivery of gas on a day to a delivery point different from the normal delivery point specified in a Service Contract.

**Firm Service:** A service for a continuous delivery of gas without curtailment, except under extraordinary circumstances.

**Firm Transportation ("FT"):** Firm Transportation service offered by upstream pipelines to move gas from a receipt point to a delivery point, as defined by the pipeline.

**Force Majeure:** Any cause not reasonably within the control of the Company and which the Company cannot prevent or overcome with reasonable due diligence, including:

(a) physical events such as an act of God, landslide, earthquake, storm or storm warning such as a hurricane which results in evacuation of an affected area, flood, washout, explosion, breakage or accident to machinery or equipment or lines of pipe used to transport gas, the necessity for making repairs to or alterations of such machinery or equipment or lines of pipe or inability to obtain materials, supplies (including a supply of services) or permits required by the Company to provide service;

(b) interruption and/or curtailment of firm transportation by a gas transporter for the Company;

(c) acts of others such as strike, lockout or other industrial disturbance, civil disturbance, blockade, act of a public enemy, terrorism, riot, sabotage, insurrections or war, as well as physical damage resulting from the negligence of others;

(d) in relation to Load Balancing, failure or malfunction of any storage equipment or facilities of the Company; and

(e) governmental actions, such as necessity for compliance with any applicable laws.

**Gas:** Natural Gas.

**Gas Delivery Agreement:** A written agreement pursuant to which the Company agrees to transport gas on the Applicant's behalf to a specified Terminal Location.

**Gas Distribution Network:** The physical facilities owned by the Company and utilized to contain, move and measure natural gas.

**Gas Sale Contract:** A written agreement pursuant to which the Company agrees to supply and deliver gas to a specified Terminal Location.

**Gas Supply Charge:** A charge for the gas commodity purchased by the applicant.

**Gas Supply Load Balancing Charge:** A charge in the Rate Schedules where the Company recovers the cost of ensuring gas supply matches consumption on a daily basis.

**General Service Rates:** The Rate Schedules applicable to those Bundled Services for which a specific contract between the Company and the Applicant is not generally required. The General Service Rates include Rates 1, 6, and 9 of the Company.

**Gigajoule ("GJ"):** See Joule.

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**Hourly Demand:** A contractually specified volume of gas applicable to service under a particular Rate Schedule which is the maximum volume of gas the Company is required to deliver to an Applicant on a hourly basis under a Service Contract.

**Imperial Conversion Factors:**

Volume:

1,000 cubic feet (cf)	=	1 Mcf
(m <sup>3</sup> )	=	28.32784 cubic metres
1 billion cubic feet (cf)	=	28.32784 10 <sup>6</sup> m <sup>3</sup>

Pressure:

1 pound force per square inch (p.s.i.)	=	6.894757 kilopascals (kPa)
1 inch Water Column (in W.C.) (60°F)	=	0.249 kPa (15.5°C)
1 standard atmosphere	=	101.325 kPa

Energy:

1 million British thermal units	=	1 MMBtu
	=	1.055056 gigajoules (GJ)
948,213.3 Btu	=	1 GJ

Monetary Value:

\$1 per Mcf	=	\$0.03530096 per m <sup>3</sup>
\$1 per MMBtu	=	\$0.9482133 per GJ

**Interruptible Service:** Gas service which is subject to curtailment for either capacity and/or supply reasons, at the option of the Company.

**Intra-Alberta Service:** Firm transportation service on the Nova pipeline system under which volumes are delivered to an Intra-Alberta point of acceptance.

**Joule ("J"):** The amount of work done when the point of application of a force of one newton is displaced a distance of one metre in the direction of the force. One megajoule ("MJ") means 1,000,000 joules; one gigajoule ("GJ") means 1,000,000,000 joules.

**Large Volume Distribution Contract: (LVDC):** A written agreement pursuant to which the Company agrees to supply and deliver gas to a specified Terminal Location.

**Large Volume Distribution Contract Rates:** The Rate Schedules applicable for annual consumption exceeding 340,000 cubic metres of gas per year and for which a specific contract between the Company and the Applicant is required.

**Load-Balancing:** The balancing of the gas supply to meet demand. Storage and other peak supply sources, curtailment of interruptible services, and diversions from

one delivery point to another may be used by the Company.

**Make-up Volume:** A volume of gas nominated and delivered, pursuant to mutually agreed arrangements, by an Applicant to the Company for the purpose of reducing or eliminating a net debit balance in the Applicant's Banked Gas Account.

**Mean Daily Volume (MDV):** The volume of gas which an Applicant who delivers gas to the Company, under a T-Service arrangement, agrees to deliver to the Company each day in the term of the arrangement.

**Metric Conversion Factors:**

Volume:

1 cubic metre (m <sup>3</sup> )	=	35.30096 cubic feet (cf)
1,000 cubic metres	=	
10 <sup>3</sup> m <sup>3</sup>	=	35,300.96 cf
	=	35.30096 Mcf
28.32784 m <sup>3</sup>	=	1 Mcf

Pressure:

1 kilopascal (kPa)	=	1,000 pascals
(p.s.i.)	=	0.145 pounds per square inch
101.325 kPa	=	one standard atmosphere

Energy:

1 megajoule (MJ)	=	1,000,000 joules
	=	948.2133 British thermal units
(Btu)		
1 gigajoule (GJ)	=	948,213.3 Btu
1.055056 GJ	=	1 MMBtu

Monetary Value:

\$1 per 10 <sup>3</sup> m <sup>3</sup>	=	\$0.02832784 per Mcf
\$1 per gigajoule	=	\$1.055056 per MMBtu

**Minimum Annual Volume:** The minimum annual volume as stated in the customer's contract, also Section E.

**Natural Gas:** Natural and/or residue gas comprised primarily of methane.

**Nominated Volume:** The volume of gas which an Applicant has advised the Company it will deliver to the Company in a day.

**Nominate, Nomination:** The procedure of advising the Company of the volume which the Applicant expects to deliver to the Company in a day.

**Ontario Energy Board:** An agency of the Ontario Government which, amongst other things, approves the Company's Rate Schedules (Part V of this

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HANDBOOK) and the matters described in Parts III and IV of this HANDBOOK.

**Point of Acceptance:** The point at which the Company accepts delivery of a supply of natural gas for transportation to, or purchase from, the Applicant.

**Rate Schedule:** A numbered rate of the Company as fixed or approved by the OEB. that specifies rates, applicability, character of service, terms and conditions of service and the effective date.

**Seasonal Credit:** A credit applicable to Rate 135 customers to recognize the benefits they provide to the storage operations during the winter period.

**Service Contract:** An agreement between the Company and the Applicant which describes the responsibilities of each party in respect to the arrangements for the Company to provide Sales Service or Transportation Service to one or more Terminal Locations.

**System Sales Service:** A service of the Company in which the Company acquires and sells to the Applicant the Applicant's natural gas requirements.

**T-Service:** Transportation Service.

**Terminal Location:** The building or other facility of the Applicant at or in which natural gas will be used by the Applicant.

**Transportation Service:** A service in which the Company agrees to transport gas on the Applicant's behalf to a specified Terminal Location.

**Unbundled Service:** A service in which the demand for natural gas at a Terminal Location is met by the Applicant contracting for separate services (upstream transportation, load balancing/storage, transportation on the Company's distribution system) of which only Transportation Service is mandatory with the Company.

**Western Canada Buy Price:** The price per cubic metre which the Company would pay for gas pursuant to a Buy/Sell Agreement in which the purchase takes place in Western Canada.

## PART II

### RATES AND SERVICES AVAILABLE

The provisions of this PART II are intended to provide a general description of services offered by the Company and certain matters relating thereto. Such provisions are not definitive or comprehensive as to their subject matter and may be changed by the Company at any time without notice.

## SECTION A - INTRODUCTION

### 1. In Franchise Services

Enbridge Gas Distribution provides in franchise services for the transportation of natural gas from the point of its delivery to Enbridge Gas Distribution to the Terminal Location at which the gas will be used. The natural gas to be transported may be owned by the Applicant for service or by the Company. In the latter case, it will be sold to the customer at the outlet of the meter located at the Terminal Location.

Applicants may elect to have the Company provide all-inclusively the services which are mutually agreed to be required or they may select (from the 300 series of rates, and Rate 125) only the amounts of those services which they consider they need.

The all-inclusive services are provided pursuant to Rates 1, 6 and 9, ("the General Service Rates") and Rates 100, 110, 115, 135, 145, and 170 ("the Large Volume Service Rates"). Individual services are available under Rates 125, 300, 315, and 316 ("the Unbundled Service Rates").

Service to residential locations is provided pursuant to Rate 1.

Service which may be interrupted at the option of the Company is available, at rates lower than would apply for equivalent service under a firm rate schedule, pursuant to Rates 145, 170. Under all other rate schedules, service is provided upon demand by the Applicant, i.e., on a firm service basis.

### 2. Ex-Franchise Services

Enbridge Gas Distribution provides ex-franchise services for the transportation of natural gas through its distribution system to a point of interconnection with the distribution system of other distributors of natural gas. Such service is provided pursuant to Rate 200 and provides for the bundled transportation of gas owned by the Company, owned by customers of that distributor, or owned by that distributor.

For the purposes of interpreting the terms and conditions contained in this Handbook of Rates and Distribution Services the ex-franchise distributor shall be considered to be the applicant for the transportation of its customer owned gas and shall assume all the obligations of transportation as if it owned the gas.

Nominations for transportation service must specify whether the volume to be transported is to displace firm or interruptible demand or general service.

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In addition, the Company provides Compression, Storage, and Transmission services on its Tecumseh system under Rates 325, 330 and 331.

## **SECTION B -DIRECT PURCHASE ARRANGEMENTS**

Applicants who purchase their natural gas requirements directly from someone other than the Company or who are brokers or agents for an end user, may arrange to transport gas on the Company's distribution network using one of the following options: a) in conjunction with a Western Buy/Sell Arrangement, b) Ontario Delivery Transportation Service Arrangement, whether Bundled or Unbundled, c) Western Bundled Transportation Service Arrangement or d) Dawn Bundled Transportation Service.

### **A. Western Canada**

Buy/Sell in a Western Canada Buy/Sell Arrangement the Applicant delivers gas to a point in Western Canada which connects with the transmission pipeline of TransCanada PipeLines Limited. At that point, the Company purchases the gas from the Applicant at a price specified in Rider 'B' of the rate schedules less the costs for transmission of the gas from the point of purchase to a point in Ontario at which the Company's gas distribution network connects with a transmission pipeline system. The Company will not be entering into any new Western Canada buy/sell arrangements after April 1, 1999.

### **B. Ontario Delivery T-Service Arrangement**

In an Ontario Delivery T-Service Arrangement the Applicant delivers gas, to a contractually agreed-upon point of acceptance in Ontario.

Delivery from the point of direct interconnection with the Company's gas distribution network to a Terminal Location served from the Company's gas distribution network may be obtained by the Applicant either under the Bundled Service Rate Schedules or under the Unbundled Service Rate Schedules.

#### **(i) Bundled T-Service**

Bundled T-Service is so called because all of the services required by the Applicant (delivery and load balancing) are provided for the prices specified in the applicable Rate Schedule. In a Bundled T-Service arrangement the Applicant contracts to deliver each day to the Company a Mean Daily Volume of gas. Fluctuations in the demand for gas at the Terminal Location are balanced by the Company.

#### **(ii) Unbundled T-Service**

The Unbundled Service Rates allow an Applicant to contract for only such kinds of service as the Applicant chooses. The potential advantage to an Applicant is that the chosen amounts of service may be less than the amounts required by an average customer represented in the applicable Rate Schedule, in which case the Applicant may be able to reduce the costs otherwise payable under Bundled T-Service.

### **C. Western Delivery T-Service Arrangement**

In a Western Delivery T-Service Arrangement the Applicant contracts to deliver each day to a point on the TransCanada PipeLines Ltd. transmission system in Western Canada a Mean Daily Volume of gas plus fuel gas. Delivery from that point to the Terminal Location is carried out by the Company using its contracted capacity on the TransCanada PipeLines Limited system and its gas distribution network. Unbundled T-Service in Ontario is not available with the Western Delivery Option.

An Applicant desiring to receive Transportation Service or to establish a Buy/Sell Agreement must first enter into the applicable written agreements with the Company.

### **D. Dawn Delivery T-Service Arrangement**

In a Dawn Delivery T-Service Arrangement the Applicant contracts to deliver each day to the Dawn natural gas hub as point of acceptance the Mean Daily Volume of gas. Delivery from that point to the Terminal Location is carried out by the Company using capacity of facilities upstream of the distribution system and its gas distribution network.

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## **PART III**

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### **TERMS AND CONDITIONS APPLICABLE TO ALL SERVICES**

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The provisions of this PART III are applicable to, and only to, Sales Service and Transportation Service.

## **SECTION A - AVAILABILITY**

Unless otherwise stated in a Rate Schedule, the Company's rates and services are available throughout the entire franchised area serviced by the Company. Transportation service and/or sales service will be provided subject to the Company having the capacity in its gas distribution network to provide the service requested. When the Company is requested to supply

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the natural gas to be delivered, service shall be available subject to the Company having available to it a supply of gas adequate to meet the requirement without jeopardizing the supply to its existing customers.

Service shall be made available after acceptance by the Company of an application for service to a Terminal Location at which the natural gas will be used.

#### **SECTION B - ENERGY CONTENT**

The price of natural gas sold at a Terminal Location is based on the assumption that each cubic metre of such natural gas contains a certain number of megajoules of energy which number is specified in the Rate Schedules. Variations in cost resulting from the energy content of the gas actually delivered to the Company by its supplier(s) differing from the assumed energy content will be recorded and used to adjust future bills. Such adjustments shall be made in accordance with practices approved from time to time by the Ontario Energy Board.

#### **SECTION C - SUBSTITUTION PROVISION**

The Company may deliver gas from any standby equipment provided that the gas so delivered shall be reasonably equivalent to the natural gas normally delivered.

#### **SECTION D - BILLS**

Bills will be mailed or delivered monthly or at such other time period as set out in the Service Contract. Gas consumption to which the Company's rates apply will be determined by the Company either by meter reading or by the Company's estimate of consumption where meter reading has not occurred. The rates and charges applicable to a billing month shall be those applicable to the calendar month which includes the last day of the billing month.

#### **SECTION E - MINIMUM BILLS**

The minimum bill per month applicable to service under any particular Rate Schedule shall be the Customer Charge plus any applicable Contract Demand Charges for Delivery, Gas Supply Load Balancing, and Gas Supply and any applicable Direct Purchase Administration Charge, all as provided for in the applicable Rate Schedule.

In addition, for service under each of the Large Volume Distribution Contract Rates, if in a contract year a volume of gas equal to or greater than the product of the Contract Demand multiplied by a contractually

specified multiple of the Contract Demand ("Minimum Annual Volume") is not taken at the Terminal Location the Applicant shall pay, in addition to the minimum monthly bills, the amount obtained when the difference between the Minimum Annual Volume and the volume taken in the contract year (such difference being the Annual Volume Deficiency) is multiplied by the applicable Minimum Bill Charge(s) as provided for in the applicable Rate Schedule. Notwithstanding the foregoing, the Minimum Annual Volume shall be the greater of the Minimum Annual Volume as determined above and 340,000 m<sup>3</sup>.

If gas deliveries to the Terminal Location have been ordered to be curtailed or discontinued in a contract year at the request of the Company and have been curtailed or discontinued as ordered, the Minimum Annual Volume shall be reduced for each day of curtailment or discontinuance by the excess of the Contract Demand over the volume delivered to the Terminal Location on such day.

#### **SECTION F - PAYMENT CONDITIONS**

Enbridge Gas Distribution charges are due when the bill is received, which is considered to be three days after the date the bill is rendered, or within such other time period as set out in the Service Contract. A late payment charge of 1.5% per month (19.56% effectively per annum) of all of the unpaid Enbridge Gas Distribution charges, including all applicable federal and provincial taxes, is applied to the account on the seventeenth (17<sup>th</sup>) day following the date the bill is due.

#### **SECTION G - TERM OF ARRANGEMENT**

When gas service is provided and there is no written agreement in effect relating to the provision of such service, the term for which such service is to continue shall be one year. The term shall automatically be extended for a further year immediately following the expiry of any initial one year term or one year extension unless reasonable notice to terminate service is given to the Company, in a manner acceptable to the Company, prior to the expiry of the term. An Applicant receiving such service who temporarily discontinues service in the initial one year term or any one year extension and does not pay all the minimum bills for the period of such temporary discontinuance of service shall, upon the continuance of service, be liable to pay an amount equal to the unpaid minimum bills for such period. When a written agreement is in effect relating to the provision of gas service, the term for which such service is to continue shall be as provided for in the agreement.

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## **SECTION H - RESALE PROHIBITION**

Gas taken at a Terminal Location shall not be resold other than in accordance with all applicable laws and regulations and orders of any governmental authority or OEB having jurisdiction.

## **SECTION I - MEASUREMENT**

The Company will install, operate and maintain at a Terminal Location such measurement equipment of suitable capacity and design as is required to measure the volume of gas delivered. Any special conditions for measurement are contained in the General Terms and Conditions which form part of each Large Volume Distribution Contract.

## **SECTION J - RATES IN CONTRACTS**

Notwithstanding any rates for service specified in any Service Contract, the rates and charges provided for in an applicable Rate Schedule shall apply for service rendered on and after the effective date stated in such Rate Schedule until such Rate Schedule ceases to be applicable.

## **SECTION K - ADVICE RE: CURTAILMENT**

The Company, if requested, will advise Applicants taking interruptible service of its estimate of service curtailment for the forthcoming winter. Such estimate will be provided as guidance to the Applicant in arranging for alternate fuel supply requirements. Abnormal weather and/or other unforeseen events may cause greater or lesser curtailment of service than expected.

## **SECTION L - DAILY DELIVERED VOLUMES**

For purposes including that of calculating daily overrun gas volumes, the Company will recognize as having been delivered to it on a given day the sum of:

- a) the volume of gas delivered under Intra-Alberta transportation arrangements, if any, plus;
- b) the volume of gas delivered under FT transportation arrangements, if any, plus;

## **SECTION M - AUTHORIZED OVERRUN GAS**

If an Applicant requests permission to exceed the Authorized Volume for a day, and such authorization is granted, such gas shall constitute Authorized Overrun Gas. Such gas shall either be sold by the Company to the Applicant pursuant to the provisions of Rate 320 applicable on such day, or, at the Company's sole

discretion, under the Rate Schedule the customer is purchasing prior to such request. If the Applicant is supplying their own gas requirements and if the Applicant request and at the Company's sole discretion, such Overrun Gas will be debited to the Applicant's Banked gas Account.

## **SECTION N - UNAUTHORIZED SUPPLY OVERRUN GAS**

If an Applicant for Transportation Service pursuant to the General Service Rates on any day delivers to the Company a Daily Delivered Volume which is less than the Mean Daily Volume, the volume of gas by which the Mean Daily Volume applicable to such day exceeds the Daily Delivered Volume delivered by the Applicant to the Company on such day shall constitute Unauthorized Supply Overrun Gas and shall be deemed to have been taken and purchased on such day. The rate applicable to such volume shall be 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and the EDA delivery areas respectively.

Unauthorized Supply Overrun Gas for a day applicable to a Service Contract with an Applicant for service under the Large Volume Distribution Contract Rates is:

- (a) the volume of gas by which the Daily Gas Quantity under the Service Contract on such day exceeds the Authorized Volume for such day, if any plus
- (b) if the day is in the months of December to March inclusive for an Applicant taking service on Rate 135 under Option a) or if the day is in the month of December under Option b), or if the day is a day on or in respect of which the Applicant has been requested in accordance with the Service Contract to curtail or discontinue the use of gas and the Service Contract is in whole or in part for interruptible Transportation Service, the volume of gas, if any, by which
  - (i) the Mean Daily Volume set out in the Service Contract and is applicable to such day exceeds
  - (ii) the Daily Delivered Volume delivered by the Applicant to the Company on such day, which excess volume of gas shall be deemed to have been taken and purchased by the Applicant on such day.

The Applicant shall pay the Company for Unauthorized Supply Overrun Gas at the rate applicable to Unauthorized Supply Overrun Gas as provided for in

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the Rate Schedule(s) applicable to the Service Contract.

An Applicant taking service pursuant to a Gas Delivery Agreement and a Large Volume Distribution Contract Rate must provide two business days notice to the Company of the Applicant's intention to deliver a Daily Delivered Volume which is less than the Mean Daily Volume for a specified time period. Failure to provide proper notice will result in Unauthorized Supply Overrun Gas calculated as the difference between Daily Delivered Volume and the Mean Daily Volume.

Unauthorized Supply Overrun Gas for a day applicable to a Service Contract with an Applicant for service under Rate 125 or Rate 300 shall be determined from the provisions of the applicable Rate Schedule. The Applicant shall pay the Company for Unauthorized Supply Overrun Gas at the rate applicable to Unauthorized Supply Overrun Gas as provided for in the Rate Schedule(s) applicable to the Service Contract.

#### **SECTION O – COMPANY RESPONSIBILITY AND LIABILITY**

This Section O applies only to gas distribution service under Rates 1, 6 and 9, and does not replace or supercede the terms in any applicable Service Contract.

The Company shall make reasonable efforts to maintain, but does not guarantee, continuity of gas service to its customers. The Company may, in its sole discretion, terminate or interrupt gas service to customers;

to maintain safety and reliability on, or to facilitate construction, installation, maintenance, repair, replacement or inspection of the Company's facilities; or

for any reason related to dangerous or hazardous circumstances, emergencies or Force Majeure.

The Company shall not be liable for any loss, injury, damage, expense, charge, cost or liability of any kind, whether direct, indirect, special or consequential in nature, (excepting only direct physical loss, injury or damage to a customer or a customer's property, resulting from the negligent acts or omissions of the Company, its employees or agents) arising from or connected with any failure, defect, fluctuation or interruption in the provision of gas service by the Company to its customers.

#### **SECTION P – OBLIGATION FOR LARGE CUSTOMERS TO PROVIDE CONSUMPTION AND EMERGENCY CONTACT INFORMATION**

All customers whose annual consumption exceeds 1,000,000 m3 are obligated to provide their expected annual consumption, peak demand, and emergency contact information to the Company annually.

#### **PART IV**

#### **TERMS AND CONDITIONS – DIRECT PURCHASE ARRANGEMENTS**

Any Applicant, at the time of applying for service, may elect, in and for the term of any Service Contract, to deliver its own natural gas requirements to the Company and the Company shall deliver gas to a Terminal Location as required by the Applicant, subject to the terms and conditions contained in the applicable Rate Schedule and in the Service Contract. For Buy/Sell Arrangements and Bundled T-Service the deliveries by the Applicant to the Company shall be at the Applicant's estimated mean daily rate of consumption.

Backstopping of an Applicant's natural gas supply for Transportation Service arrangements will be available pursuant to Rate 320 subject to the Company's ability to do so using reasonable commercial efforts. Gas Purchase Agreements in respect to Buy/Sell Arrangements shall specify terms and conditions available to the Company to alleviate certain consequences of the Applicant's failure to deliver the required volume of gas.

The following Terms and Conditions shall apply to, and only to, Transportation Service and/or Gas Purchase Agreements.

#### **SECTION A - NOMINATIONS**

An Applicant delivering gas to the Company pursuant to a contract is responsible for advising the Company, by means of a contractually specified Nomination procedure, of the daily volume of gas to be delivered to the Company by or on behalf of the Applicant.

An initial daily volume must be Nominated by a contractually specified time before the first day on which gas is to be delivered to the Company. Any Nomination, once accepted by the Company, shall be considered as a standing nomination applicable to each subsequent day in a contract term unless specifically varied by written notice to the Company.

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A contract may specify certain contractual provisions that are applicable in the event that an Applicant either fails to advise of a revised daily nomination or fails to deliver the daily volume so nominated.

A Nominated Volume in excess of the Applicant's Maximum Daily Volume as specified in the Service Contract will not be accepted except as specifically provided for in any contract.

#### **SECTION B - OBLIGATION TO DELIVER**

During any period of curtailment or discontinuance of Bundled interruptible Transportation Service as ordered by the Company, any Applicant supplying its own gas requirements must, on such day, deliver to the Company the Mean Daily Volume of gas specified in any Service Contract.

Each Applicant taking service pursuant to a Gas Delivery Agreement and a Large Volume Distribution Contract Rate is obligated to deliver the Mean Daily Volume of gas as specified in any Service Contract, unless the Applicant provides two business days notice to the Company of the Applicant's intention to deliver a Daily Delivered Volume which is less than the Mean daily Volume for a specified time period.

An Applicant taking service on Rate 135 under Option a) must deliver to the Company the Mean Daily Volume of gas specified in the Service Contract in the months of December to March, inclusive.

An Applicant taking service on Rate 135 under Option b) must deliver to the Company the Modified Mean Daily Volume of gas specified in the Service Contract in the month of December.

Applicants taking service on General Service rates pursuant to a Direct Purchase Agreement must, on each day in the term of such agreement, deliver to the Company the Mean Daily Volume of gas specified in such agreement.

#### **SECTION C - DIVERSION RIGHTS**

Subject to compliance with the Terms and Conditions of all Required Orders, an Applicant who has entered into a Transportation Service Agreement or Agreements which provide(s) for deliveries to the Company for more than one Terminal Location shall have the right, on such terms and only on such terms as are specified in the applicable Transportation Service Agreement, to divert deliveries from one or more contractually specified Terminal Locations to other contractually specified Terminal Locations.

#### **SECTION D - BANKED GAS ACCOUNT (BGA)**

For T-Service Applicants, the Company shall keep a record ("Banked Gas Account") of the volume of gas delivered by the Applicant to the Company in respect of a Terminal Location (credits) and of the volume of gas taken by the Applicant at the Terminal Location (debits). (Any volume of gas sold by the Company to the Applicant in respect to the Terminal Location shall not be debited to the Banked Gas Account). The Company shall periodically report to the Applicant the net balance in the Applicant's Banked Gas Account.

#### **SECTION E - DISPOSITION OF BANKED GAS ACCOUNT (BGA) BALANCES**

A. The following Terms and Conditions shall apply to Bundled T-Service:

(a) At the end of each contract year, disposition of any net debit balance in the Banked Gas Account (BGA) shall be made as follows:

The Applicant may elect to return to the Company, in kind, during the one hundred and eighty (180) days following the end of the contract year, that portion of any debit balance in the Banked Gas Account as at the end of the contract year not exceeding a tolerance volume of 5.5% times MDV deliveries for the contract term, by the Applicant delivering to the Company on days agreed upon by the Company and the Applicant a volume of gas greater than the Mean Daily Volume, if any, applicable to such day under a Service Contract. Any volume of gas returned to the Company as aforesaid shall not be credited to the Banked Gas Account in the subsequent contract year. Any debit balance in the Banked Gas Account as at the end of the contract year which is not both elected to be returned, and actually returned, to the Company as aforesaid shall be deemed to have been sold to the Applicant and the Applicant shall pay for such gas within ten (10) days of the rendering of a bill therefor. The rate applicable to such gas shall be:

- (1) For Bundled Western T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs.
- (2) For Bundled Dawn T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls including

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compressor fuel costs, plus the Company's average transportation cost to its franchise area over the contract year and less the Company's average Dawn T-Service transportation cost to the franchise area over the contract year.

(3) For Bundled Ontario T-Service, 120% of the average price over the contracted year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs, plus the Company's average transportation cost to its franchise area over the contract year.

(b) A credit balance in the Banked Gas Account as at the end of the contract year must be eliminated in one or more of the following manners, namely:

(i) Subject to clause (ii), if the Applicant continues to take service from the Company under a contract pursuant to which the Applicant delivers gas to the Company, that portion of such balance which does not exceed a tolerance volume of 5.5% times MDV deliveries for the contract year may be carried forward as a credit to the Banked Gas Account for the next succeeding contract year. Any volume within the tolerance shall be carried forward, and may only, be reduced within the period of one hundred and eighty (180) days ("Adjustment Period") immediately following the contract year, by the Applicant delivering to the Company, on days in the Adjustment Period agreed upon by the Company and the Applicant ("Adjustment Days"), a volume of gas less than the Mean Daily Volume applicable to such day under a Service Contract. Subject to the foregoing, the credit balance in the Banked Gas Account shall be deemed to be reduced on each Adjustment Day by the volume ("Daily Reduction Volume") by which the Mean Daily Volume applicable to such day exceeds the greater of the volume of gas delivered by the Applicant on such day and the Nominated Volume for such day which was accepted by the Company.

(ii) Any portion of a credit balance in the Banked Gas Account which is not eligible to be eliminated in accordance with clause (i), or which the Applicant elects (by written notice to the Company within thirty (30) days of the end of the contract year) to sell under this clause, shall be deemed to have been tendered for sale to the Company and the Company shall purchase such portion at:

(1) For Bundled Western T-Service, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the

published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs, less the Company's average transportation cost to its franchise area over the contract year.

(2) For Bundled Dawn T-Service, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls including compressor fuel costs, less the Company's average Dawn T-Service transportation cost to the franchise area over the contract year.

(3) For *Bundled Ontario T-Service*, a price per cubic metre of eighty percent (80%) of the average price over the contract year, based on the published index price for the Monthly AECO/NIT supply adjusted for Nova's AECO to Empress transportation tolls and compressor fuel costs.

Any volume of gas deemed to have been so tendered for sale shall be deemed to have been eliminated from the credit balance of the Banked Gas Account.

During the Adjustment Period the Company shall use reasonable efforts to accept the Applicant's reduced gas deliveries. Any credit balance in the Banked Gas Account not eliminated as aforesaid in the Adjustment Period shall be forfeited to, and be the property of, the Company, and such volume of gas shall be debited to the Banked Gas Account as at the end of the Adjustment Period.

Subject to its ability to do so, the Company will attempt to accommodate arrangements which would permit adjustments to Banked Gas Account balances at times and in a manner which are mutually agreed upon by the Applicant and the Company.

B. The following Terms and Conditions shall apply to Unbundled Service:

The Terms and Conditions for disposition of Cumulative Imbalance Account balances shall be as specified in the applicable Service Contracts.

**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a residential building served through one meter and containing no more than six dwelling units ("Terminal Location").

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$20.00</b>
<b>Delivery Charge per cubic metre</b>	
For the first 30 m <sup>3</sup> per month	11.5779 ¢/m <sup>3</sup>
For the next 55 m <sup>3</sup> per month	10.9417 ¢/m <sup>3</sup>
For the next 85 m <sup>3</sup> per month	10.4435 ¢/m <sup>3</sup>
For all over 170 m <sup>3</sup> per month	10.0721 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.4152 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1650 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	12.0497 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F".  
The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a single terminal location ("Terminal Location") for non-residential purposes.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$70.00</b>
<b>Delivery Charge per cubic metre</b>	
For the first 500 m <sup>3</sup> per month	10.7579 ¢/m <sup>3</sup>
For the next 1050 m <sup>3</sup> per month	8.5948 ¢/m <sup>3</sup>
For the next 4500 m <sup>3</sup> per month	7.0800 ¢/m <sup>3</sup>
For the next 7000 m <sup>3</sup> per month	6.1068 ¢/m <sup>3</sup>
For the next 15250 m <sup>3</sup> per month	5.6744 ¢/m <sup>3</sup>
For all over 28300 m <sup>3</sup> per month	5.5657 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.4152 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1650 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	12.0710 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F".

The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant needing to use the Company's natural gas distribution network to have transported a supply of natural gas to a single terminal location ("Terminal Location") at which, such gas is authorized by the Company to be resold by filling pressurized containers.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$235.95</b>
<b>Delivery Charge per cubic metre</b>	
For the first 20,000 m <sup>3</sup> per month	<b>11.2953 ¢/m<sup>3</sup></b>
For all over 20,000 m <sup>3</sup> per month	<b>10.5739 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0148 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.



**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), to be delivered at a specified maximum daily volume of not less than 10,000 cubic metres and not more than 150,000 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$122.01</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	36.0000 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	0.1796 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>1.5739 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0710 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Contract Demand Charge.

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 146 times a specified maximum daily volume of not less than 1,865 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$587.37</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	22.9100 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.9057 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.7557 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.3274 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0149 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

EFFECTIVE DATE:

January 1, 2018

IMPLEMENTATION DATE:

January 1, 2018

BOARD ORDER:

EB-2017-0086

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RATE NUMBER: <b>110</b>
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**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**6.6149 ¢/m³**

In determining the Annual Volume Deficiency, the minimum bill multiplier shall not be less than 146.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 292 times a specified maximum daily volume of not less than 1,165 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> to <u>December</u> <u>\$622.62</u>
<b>Monthly Customer Charge</b>	
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	24.3600 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.4717 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.3717 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	0.1174 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.4152 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1650 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	12.0149 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

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**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**5.9709 ¢/m³**

In determining the Annual Volume Deficiency the minimum bill multiplier shall not be less than 292.

**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

RATE NUMBER: <b>125</b>	<b>EXTRA LARGE FIRM DISTRIBUTION SERVICE</b>
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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of a specified maximum daily volume of natural gas. The maximum daily volume for billing purposes, Contract Demand or Billing Contract Demand, as applicable, shall not be less than 600,000 cubic metres. The Service under this rate requires Automatic Meter Reading (AMR) capability.

**CHARACTER OF SERVICE:**

Service shall be firm except for events specified in the Service Contract including force majeure.

For Non-Dedicated Service the monthly demand charges payable shall be based on the Contract Demand which shall be 24 times the Hourly Demand and the Applicant shall not exceed the Hourly Demand.

For Dedicated Service the monthly demand charges payable shall be based on the Billing Contract Demand or the Contract Demand specified in the Service Contract. The Applicant shall not exceed an hourly flow calculated as 1/24th of the Contract Demand specified in the Service Contract.

**DISTRIBUTION RATES:**

The following rates and charges, as applicable, shall apply for deliveries to the Terminal Location.

<b>Monthly Customer Charge</b>	<b>\$500.00</b>		
<b>Demand Charge</b>			
Per cubic metre of the Contract Demand or the Billing Contract Demand, as applicable, per month	<b>9.9913 ¢/m³</b>		
	<u>Non-Dedicated</u>	<u>Dedicated</u>	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m³</b>	<b>3.3181 ¢/m³</b>	
<b>Cap and Trade Facility Related Charge</b>	<b>0.0290 ¢/m³</b>	<b>0.0018 ¢/m³</b>	
<b>Direct Purchase Administration Charge</b>	<b>\$75.00</b>		
<b>Forecast Unaccounted For Gas Percentage</b>	<b>0.7%</b>		

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Demand Charge.

**TERMS AND CONDITIONS OF SERVICE:**

- To the extent that this Rate Schedule does not specifically address matters set out in PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** then the provisions in those Parts shall apply, as contemplated therein, to service under this Rate Schedule.

**2. Unaccounted for Gas (UFG) Adjustment Factor:**

The Applicant is required to deliver to the Company on a daily basis the sum of: (a) the volume of gas to be delivered to the Applicant's Terminal Location; and (b) a volume of gas equal to the forecast unaccounted for gas percentage as stated above multiplied by (a). In the case of a Dedicated Service, the Unaccounted for Gas volume requirement is not applicable.

**3. Nominations:**

Customer shall nominate gas delivery daily based on the gross commodity delivery required to serve the customer's daily load plus the UFG. Customers may change daily nominations based on the nomination windows within a day as defined by the customer contract with TransCanada PipeLines (TCPL) or Union Gas Limited.

Schedule of nominations under Rate 125 has to match upstream nominations. This rate does not allow for any more flexibility than exists upstream of the EGD gas distribution system. Where the customer's nomination does not match the confirmed upstream nomination, the nomination will be confirmed at the upstream value.

Customer may nominate gas to a contractually specified Primary Delivery Area that may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA) or other Delivery Area as specified in the applicable Service Contract. The Company may accept deliveries at a Secondary Delivery Area such as Dawn, at its sole discretion. Quantities of gas nominated to the system cannot exceed the Contract Demand, unless Make-up Gas or Authorized Overrun is permitted.

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Customers with multiple Rate 125 contracts within a Primary Delivery Area may combine nominations subject to system operating requirements and subject to the Contract Demand for each Terminal Location. For combined nominations the customer shall specify the quantity of gas to each Terminal Location and the order in which gas is to be delivered to each Terminal Location. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location. When system conditions require delivery to a single Terminal Location only, nominations with different Terminal Locations may not be combined.

The Company permits pooling of Rate 125 contracts for legally related customers who meet the Business Corporations Act (Ontario) ("OBCA") definition of "affiliates" to allow for the management of those contracts by a single manager. The single manager is jointly liable with the individual customers for all of their obligations under the contracts, while the individual customers are severally liable for all of their obligations under their own contracts.

#### 4. Authorized Demand Overrun:

The Company may, at its sole discretion, authorize consumption of gas in excess of the Contract Demand for limited periods within a month, provided local distribution facilities have sufficient capacity to accommodate higher demand. In such circumstances, customer shall nominate gas delivery based on the gross commodity delivery (the sum of the customer's Contract Demand and the authorized overrun amount) required to serve the customer's daily load, plus the UFG. In the event that gas usage exceeds the gas delivery on a day where demand overrun is authorized, the excess gas consumption shall be deemed Supply Overrun Gas.

Such service shall not exceed 5 days in any contract year. Based on the terms of the Service Contract, requests beyond 5 days will constitute a request for a new Contract Demand level with retroactive charges. The new Contract Demand level may be restricted by the capability of the local distribution facilities to accommodate higher demand.

Automatic authorization of transportation overrun over the Billing Contract Demand will be given in the case of Dedicated Service to the Terminal Location provided that pipeline capacity is available and subject to the Contract Demand as specified in the Service Contract.

Authorized Demand Overrun Rate

**0.33 ¢/m³**

The Authorized Demand Overrun Rate may be applied to commissioning volumes at the Company's sole discretion, for a contractual period of not more than one year, as specified in the Service Contract.

#### 5. Unauthorized Demand Overrun:

Any gas consumed in excess of the Contract Demand and/or maximum hourly flow requirements, if not authorized, will be deemed to be Unauthorized Demand Overrun gas. Unauthorized Demand Overrun gas may establish a new Contract Demand effective immediately and shall be subject to a charge equal to 120 % of the applicable monthly charge for twelve months of the current contract term, including retroactively based on terms of Service Contract. Based on capability of the local distribution facilities to accommodate higher demand, different conditions may apply as specified in the applicable Service Contract. Unauthorized Demand Overrun gas shall also be subject to Unauthorized Supply Overrun provisions.

#### 6. Unauthorized Supply Overrun:

Any volume of gas taken by the Applicant on a day at the Terminal Location which exceeds the sum of:

- i. any applicable provisions of Rate 315 and any applicable Load Balancing Provision pursuant to Rate 125, plus
- ii. the volume of gas delivered by the Applicant on that day shall constitute Unauthorized Supply Overrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Overrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 125.

Any gas deemed to be Unauthorized Overrun gas shall be purchased by the customer at a price (Pe), which is equal to 150% of the highest price in effect for that day as defined below\*.

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## 7. Unauthorized Supply Underrun:

Any volume of gas delivered by the Applicant on any day in excess of the sum of:

- i. any applicable provisions of Rate 315 and any applicable Load Balancing Provision pursuant to Rate 125, plus
- ii. the volume of gas taken by the Applicant at the Terminal Location on that day shall be classified as Supply Underrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Underrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 125.

Any gas deemed to be Unauthorized Supply Underrun Gas shall be purchased by the Company at a price ( $P_u$ ) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

\* where the price  $P_e$  expressed in cents / cubic metre is defined as follows:

$$P_e = (P_m * E_r * 100 * 0.03842 / 1.055056) * 1.5$$

$P_m$  = highest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

$E_r$  = **Daily Average exchange rate** expressed in Canadian dollars per U.S. dollar for such day quoted by the Bank of Canada in the following day's Globe & Mail Publication.

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

\*\* where the price  $P_u$  expressed in cents / cubic metre is defined as follows:

$$P_u = (P_l * E_r * 100 * 0.03842 / 1.055056) * 0.5$$

$P_l$  = lowest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

### Term of Contract:

A minimum of one year. A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer. Migration from an unbundled rate to bundled rate may be restricted subject to availability of adequate transportation and storage assets.

### Right to Terminate Service:

The Company reserves the right to terminate service to customers served hereunder where the customer's failure to comply with the parameters of this rate schedule, including the load balancing provisions, jeopardizes either the safety or reliability of the gas system. The Company shall provide notice to the customer of such termination; however, no notice is required to alleviate emergency conditions.

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**LOAD BALANCING PROVISIONS:**

Load Balancing Provisions shall apply at the customer's Terminal Location or at the location of the meter installation for a customer served from a dedicated facility. In the event of an imbalance any excess delivery above the customer's actual consumption or delivery less than the actual consumption shall be subject to the Load Balancing Provisions.

**Definitions:**

**Aggregate Delivery:**

The Aggregate Delivery for a customer's account shall equal the sum of the confirmed nominations of the customer for delivery of gas to the applicable delivery area from all pipeline sources including where applicable, the confirmed nominations of the customer for Storage Service under Rate 316 or Rate 315 and any available No-Notice Storage Service under Rate 315 for delivery of gas to the Applicable Delivery Area.

**Applicable Delivery Area:**

The Applicable Delivery Area for each customer shall be specified by contract as a Primary Delivery Area. Where system-operating conditions permit, the Company, in its sole discretion, may accept a Secondary Delivery Area as the Applicable Delivery Area by confirming the customer's nomination of such area. Confirmation of a Secondary Delivery Area for a period of a gas day shall cause such area to become the Applicable Delivery Area for such day. Where delivery occurs at both a Terminal Location and a Secondary Delivery Area on a given day, the sum of the confirmed deliveries may not exceed the Contract Demand, unless Demand Overrun and/or Make-up Gas is authorized.

**Primary Delivery Area:**

The Primary Delivery Area shall be delivery area such as EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA), or other Delivery Area as specified in the applicable Service Contract.

**Secondary Delivery Area:**

A Secondary Delivery Area may be a delivery area such as Dawn where the Company, at its sole discretion, determines that operating conditions permit gas deliveries for a customer.

**Actual Consumption:**

The Actual Consumption of the customer shall be the metered quantity of gas consumed at the customer's Terminal Location or in the event of combined nominations at the Terminal Locations specified.

**Net Available Delivery:**

The Net Available Delivery shall equal the Aggregate Delivery times one minus the annually determined percentage of Unaccounted for Gas (UFG) as reported by the Company.

**Daily Imbalance:**

The Daily Imbalance shall be the absolute value of the difference between Actual Consumption and Net Available Delivery.

**Cumulative Imbalance:**

The Cumulative Imbalance shall be the sum of the difference between Actual Consumption and Net Available Delivery since the date the customer last balanced or was deemed to have balanced its Cumulative Imbalance account.

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**Maximum Contractual Imbalance:**

The Maximum Contractual Imbalance shall be equal to 60% of the customer's Contract Demand for non dedicated service and 60% of the Billing Contract Demand for dedicated service.

**Winter and Summer Seasons:**

The winter season shall commence on the date that the Company provides notice of the start of the winter period and conclude on the date that the Company provides notice of the end of the winter period. The summer season shall constitute all other days. The Company shall provide advance notice to the customer of the start and end of the winter season as soon as reasonably possible, but in no event not less than 2 days prior to the start or end.

**Operational Flow Order:**

An Operational Flow Order (OFO) shall constitute an issuance of instructions to protect the operational capacity and integrity of the Company's system, including distribution and/or storage assets, and/or connected transmission pipelines.

Enbridge Gas Distribution, acting reasonably, may call for an OFO in the following circumstances:

- Capacity constraint on the system, or portions of the system, or upstream systems, that are fully utilized;
- Conditions where the potential exists that forecasted system demand plus reserves for short notice services provided by the Company and allowances for power generation customers' balancing requirements would exceed facility capabilities and/or provisions of 3rd party contracts;
- Pressures on the system or specific portions of the system are too high or too low for safe operations;
- Storage system constraints on capacity or pressure or caused by equipment problems resulting in limited ability to inject or withdraw from storage;
- Pipeline equipment failures and/or damage that prohibits the flow of gas;
- Any and all other circumstances where the potential for system failure exists.

**Daily Balancing Fee:**

On any day where the customer has a Daily Imbalance the customer shall pay a Daily Balancing Fee equal to:

(Tier 1 Quantity X Tier 1 Fee) + (Tier 2 Quantity X Tier 2 Fee) + (Applicable Penalty Fee for Imbalance in excess of the Maximum Contractual Imbalance X the amount of Daily Imbalance in excess of the Maximum Contractual Imbalance)

Where Tier 1 and 2 Fees and Quantities are set forth as follows:

Tier 1 = 0.917 cents/m3 applied to Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance

Tier 2 = 1.1004 cents/m3 applied to Daily Imbalance of greater than 10% but less than the Maximum Contractual Imbalance

In addition for Tier 2, instances where the Daily Imbalance represents an under delivery of gas during the winter season shall constitute Unauthorized Supply Overrun Gas for all gas in excess of 10% of Maximum Contractual Imbalance. Where the Daily Imbalance represents an over delivery of gas during the summer season, the Company reserves the right to deem as Unauthorized Supply Underrun Gas for all gas in excess of 10% of Maximum Contractual Imbalance. The Company will issue a 24-hour advance notice to customers of its intent to impose cash out for over delivery of gas during the summer season.

For customers delivering to a Primary Delivery Area other than EGD's CDA or EGD's EDA, the Tier 1 Fee is applied to Daily Imbalance of greater than 0% but less than 10% of the Maximum Contractual Imbalance

The customers shall also pay any Limited Balancing Agreement (LBA) charges imposed by the pipeline on days when the customer has a Daily Imbalance provided such imbalance matches the direction of the pipeline imbalance. LBA charges shall first be allocated to customers served under Rates 125 and 300. The system bears a portion of these charges only to the extent that the system incurs such charges based on its operation excluding the operation of customers under Rates 125 and 300. In that event, LBA charges shall be prorated based on the relative imbalances. The Company will provide the customer with a derivation of any such charges.

Customer's Actual Consumption cannot exceed Net Available Delivery when the Company issues an Operational Flow Order in the winter. Net nominations must not be less than consumption at the Terminal Location. Any negative Daily Imbalance on a winter Operational Flow Order day shall be deemed to be Unauthorized Supply Overrun. Customer's Net Available Delivery cannot exceed Actual Consumption when the Company issues an Operational Flow Order in the summer. Actual Consumption must not be less than net nomination at the Terminal Location. Any positive Daily Imbalance on a summer Operational Flow Order day shall be deemed to be Unauthorized Supply Underrun.

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas than the amount the customer delivered to the system during the winter season or the customer used more gas than the amount the customer delivered to the system during the summer season. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders and suspension of Load Balancing Provisions.

#### **Cumulative Imbalance Charges:**

Customers may trade Cumulative Imbalances within a delivery area. Customers may also nominate to transfer gas from their Cumulative Imbalance Account into an unbundled (Rate 315 or Rate 316) storage account of the customer subject to their storage contract parameters.

Customers shall be permitted to nominate Make-up Gas, subject to operating constraints, provided that Make-up Gas plus Aggregate Delivery do not exceed the Contract Demand. The Company may, on days with no operating constraints, authorize Make-up Gas that, in conjunction with Aggregate Delivery, exceeds the Contract Demand.

The customer's Cumulative Imbalance cannot exceed its Maximum Contractual Imbalance. In the event that the customer's imbalance exceeds their Maximum Contractual Imbalance the Company shall deem the excess imbalance to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee, applicable daily, is 1.0783 cents/m3 per unit of imbalance.

In addition, on any day that the Company declares an Operational Flow Order, negative Cumulative Imbalances greater than 10 % of Maximum Contractual Imbalance in the winter season shall be deemed to be Unauthorized Overrun Gas. The Company reserves the right to deem positive Cumulative Imbalances greater than 10% of Maximum Contractual Imbalance in the summer season as Unauthorized Supply Underun Gas. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders including cash out instructions for Cumulative Imbalances greater than 10 % of Maximum Contractual Imbalance.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation, to a single terminal location ("Terminal Location"), of an annual supply of natural gas of not less than 340,000 cubic metres.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm) except for events as specified in the Service Contract including force majeure. A maximum of five percent of the contracted annual volume may be taken by the Applicant in a single month during the months of December to March inclusively.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month	
	December to March	April to November
<b>Monthly Customer Charge</b>	<b>\$115.08</b>	<b>\$115.08</b>
<b>Delivery Charge</b>		
For the first 14,000 m <sup>3</sup> per month	7.2001 ¢/m <sup>3</sup>	2.5001 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	6.0001 ¢/m <sup>3</sup>	1.8001 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	5.6001 ¢/m <sup>3</sup>	1.6001 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.0000 ¢/m<sup>3</sup></b>	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0219 ¢/m<sup>3</sup></b>	<b>12.0219 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

The applicant has the option of delivering either Option a) a Mean Daily Volume ("MDV") based on 12 months, or Option b) a Modified Mean Daily Volume ("MMDV") based on nine months of deliveries. Authorized Volumes for the months of January, February and March would be zero under option b).

**UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Failure to deliver a volume of gas equal to the Mean Daily Volume under Option a) set out in the Service Contract during the months of December to March inclusive may result in the Applicant not being eligible for service under this rate in a subsequent contract period, at the Company's sole discretion.

Failure to deliver a volume of gas equal to the Modified Mean Daily Volume under Option b) set out in the Service Contract during the month of December may result in the Applicant not being eligible for service under this rate in a subsequent contract period, at the Company's sole discretion.

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**SEASONAL CREDIT:**

Rate per cubic metre of Mean Daily Volume from December to March	\$	<b>0.77 /m<sup>3</sup></b>
Rate per cubic metre of Modified Mean Daily Volume for December	\$	<b>0.77 /m<sup>3</sup></b>

**SEASONAL OVERRUN CHARGE:**

During the months of December through March inclusively, any volume of gas taken in a single month in excess of five percent of the annual contract volume (Seasonal Overrun Monthly Volume) will be subject to Seasonal Overrun Charges in place of both the Delivery and Gas Supply Load Balancing Charges. The Seasonal Overrun Charge applicable for the months of December and March shall be calculated as 2.0 times the sum of the Gas Supply Load Balancing Charge, Transportation Charge and the maximum Delivery Charge. The Seasonal Overrun Charge applicable for the months of January and February shall be calculated as 5.0 times the sum of the Load Balancing Charge, Transportation Charge and the maximum Delivery Charge.

Seasonal Overrun Charges:

<i>December and March</i>	<b>25.2306 ¢/m<sup>3</sup></b>
<i>January and February</i>	<b>63.0765 ¢/m<sup>3</sup></b>

**MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency (See Terms and Conditions of Service):	<b>9.4485 ¢/m<sup>3</sup></b>
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**TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of a specified maximum daily volume of natural gas to a single terminal location ("Terminal Location") which can accommodate the total interruption of gas service as ordered by the Company exercising its sole discretion. The Company reserves the right to satisfy itself that the customer can accommodate the interruption of gas through either a shutdown of operations or a demonstrated ability and readiness to switch to an alternative fuel source. Any Applicant for service under this rate schedule must agree to transport a minimum annual volume of 340,000 cubic metres.

**CHARACTER OF SERVICE:**

In addition to events as specified in the Service Contract including force majeure, service shall be subject to curtailment or discontinuance upon the Company issuing a notice not less than 16 hours prior to the time at which such curtailment or discontinuance is to commence. An Applicant may, by contract, agree to accept a shorter notice period.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	Billing Month January to December
<b>Monthly Customer Charge</b>	<b>\$123.34</b>
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	8.2300 ¢/m <sup>3</sup>
For the first 14,000 m <sup>3</sup> per month	3.0423 ¢/m <sup>3</sup>
For the next 28,000 m <sup>3</sup> per month	1.6833 ¢/m <sup>3</sup>
For all over 42,000 m <sup>3</sup> per month	1.1243 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	<b>0.7237 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0186 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 16 hours of notice per cubic metre of Mean Daily Volume from December to March \$ 0.50 /m<sup>3</sup>

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the Natural Gas *Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

#### **UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to be served under this rate schedule.

In such case, service hereunder would cease, notwithstanding any Service Contract between the Company and the Applicant. Gas supply and/or transportation service would continue to be available to the Applicant pursuant to the provisions of the Company's Rate 6 until a Service Contract pursuant to another applicable Rate Schedule was executed.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

#### **MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**9.1478 ¢/m³**

#### **TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of a specified maximum daily volume of natural gas of not less than 30,000 cubic metres and a minimum annual volume of 5,000,000 cubic metres to a single terminal location ("Terminal Location") which can accommodate the total interruption of gas service when required by the Company. The Company reserves the right to satisfy itself that the customer can accommodate the interruption of gas through either a shutdown of operations or a demonstrated ability and readiness to switch to an alternative fuel source. The Company, exercising its sole discretion, may order interruption of gas service upon not less than four (4) hours notice.

**CHARACTER OF SERVICE:**

In addition to events as specified in the Service Contract including force majeure, service shall be subject to curtailment or discontinuance upon the Company issuing a notice not less than 4 hours prior to the time at which such curtailment or discontinuance is to commence.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> <u>to</u> <u>December</u> <u>\$279.31</u>
<b>Monthly Customer Charge</b>	
<b>Delivery Charge</b>	
Per cubic metre of Contract Demand	4.0900 ¢/m <sup>3</sup>
Per cubic metre of gas delivered	
For the first 1,000,000 m <sup>3</sup> per month	0.5962 ¢/m <sup>3</sup>
For all over 1,000,000 m <sup>3</sup> per month	0.3962 ¢/m <sup>3</sup>
<b>Gas Supply Load Balancing Charge</b>	0.3179 ¢/m <sup>3</sup>
<b>Transportation Charge per cubic metre</b> (If applicable)	5.4152 ¢/m <sup>3</sup>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	1.1650 ¢/m <sup>3</sup>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	12.0149 ¢/m <sup>3</sup>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	3.3181 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>	0.0337 ¢/m <sup>3</sup>

The rates quoted above shall be subject to the Gas Cost Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". In addition, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable if the Applicant is not providing its own supply of natural gas for transportation.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March \$ 1.10 /m<sup>3</sup>

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the Natural Gas *Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

#### **UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to be served under this rate schedule.

In such case, service hereunder would cease, notwithstanding any Service Contract between the Company and the Applicant. Gas supply and/or transportation service would continue to be available to the Applicant pursuant to the provisions of the Company's Rate 6 until a Service Contract pursuant to another applicable Rate Schedule was executed.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

#### **MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**6.2959 ¢/m<sup>3</sup>**

#### **TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Distributor who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation of an annual supply of natural gas to customers outside of the Company's franchise area.

**CHARACTER OF SERVICE:**

Service shall be continuous (firm), except for events as specified in the Service Contract including force majeure, up to the contracted firm daily demand and subject to curtailment or discontinuance, of demand in excess of the firm contract demand, upon the Company issuing a notice not less than 4 hours prior to the time at which such curtailment or discontinuance is to commence.

**RATE:**

Rates per cubic metre assume an energy content of 38.42 MJ/m<sup>3</sup>.

	<u>Billing Month</u> <u>January</u> <u>to</u> <u>December</u>
<b>Monthly Customer Charge</b> The monthly customer charge shall be negotiated with the applicant and shall not exceed:	<b>\$2,000.00</b>
<b>Delivery Charge</b> Per cubic metre of Firm Contract Demand Per cubic metre of gas delivered	<b>14.7000 ¢/m<sup>3</sup></b> <b>1.2940 ¢/m<sup>3</sup></b>
<b>Gas Supply Load Balancing Charge</b>	<b>1.4711 ¢/m<sup>3</sup></b>
<b>Transportation Charge per cubic metre</b> (If applicable)	<b>5.4152 ¢/m<sup>3</sup></b>
<b>Transportation Dawn Charge per cubic metre</b> (If applicable)	<b>1.1650 ¢/m<sup>3</sup></b>
<b>System Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>12.0149 ¢/m<sup>3</sup></b>
<b>Buy/Sell Sales Gas Supply Charge per cubic metre</b> (If applicable)	<b>11.9954 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0337 ¢/m<sup>3</sup></b>

The rates quoted above shall be subject to the Gas Inventory Adjustment contained in Rider "C" and the Revenue Adjustment Rider contained in Rider "E". Also, meter readings will be adjusted by the Atmospheric Pressure Factor relevant to the customer's location as shown in Rider "F". The Gas Supply Charge is applicable to volumes of natural gas purchased from the Company. The volumes purchased shall be the volumes delivered at the Point of Delivery less any volumes, which the Company does not own and are received at the Point of Acceptance for delivery to the Applicant at the Point of Delivery.

**DIRECT PURCHASE ARRANGEMENTS:**

Rider "A" or Rider "B" shall be applicable to Applicants who enter into Direct Purchase Arrangements under this Rate Schedule.

**CURTAILMENT CREDIT:**

Rate for 4 hours of notice per cubic metre of Mean Daily Volume from December to March \$ **1.10 /m<sup>3</sup>**

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In addition, if the Applicant is supplying its own gas requirements, the gas delivered by the Applicant during the period of curtailment shall be purchased by the Company for the Company's use. The purchase price for such gas will be equal to the price that is reported for the month, in the first issue of the Natural Gas *Market Report* published by Canadian Enerdata Ltd. during the month, as the "current" "Avg." (i.e., average) "Alberta One-Month Firm Spot Price" for "AECO 'C' and Nova Inventory Transfer" in the table entitled "Domestic spot gas prices", adjusted for AECO to Empress transportation tolls and compressor fuel costs.

For the areas specified in Appendix A to this Rate Schedule, the Company's gas distribution network does not have sufficient physical capacity under current operating conditions to accommodate the provision of firm service to existing interruptible locations.

#### **UNAUTHORIZED OVERRUN GAS RATE:**

When the Applicant takes Unauthorized Supply Overrun Gas, the Applicant shall purchase such gas at a rate of 150% of the highest price on each day on which an overrun occurred for the calendar month as published in the Gas Daily for the Niagara and Iroquois export points for the CDA and EDA respectively.

Any material instance of failure to curtail in any contract year may result in the Applicant forfeiting the right to receive interruptible service under this rate schedule.

Any Applicant taking a material volume of Unauthorized Supply Overrun Gas, during a period of ordered curtailment, may forfeit its curtailment credits for the respective winter season, December through March inclusive.

On the second and subsequent occasion in a contract year when the Applicant takes Unauthorized Demand Overrun Gas, a new Contract Demand will be established and shall be charged equal to 120% of the applicable monthly charge for twelve months of the current contract term, including retroactively based on the terms of the Service Contract.

#### **MINIMUM BILL:**

Per cubic metre of Annual Volume Deficiency  
(See Terms and Conditions of Service):

**8.1469 ¢/m³**

#### **TERMS AND CONDITIONS OF SERVICE:**

The provisions of PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** apply, as contemplated therein, to service under this Rate Schedule.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service including Buy/Sell Arrangements and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates as the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into a Service Contract with the Company to use the Company's natural gas distribution network for the transportation to a single Terminal Location of a specified maximum daily volume of natural gas. The Company reserves the right to limit service under this schedule to customers whose maximum contract demand does not exceed 600,000 m3. The Service under this rate requires Automatic Meter Reading (AMR) capability. Service under this schedule is firm unless a customer is currently served under interruptible distribution service or the Company, in its sole judgment, determines that existing delivery facilities cannot adequately serve the load on a firm basis.

The unitized Monthly Contract Demand Charge is also applicable to volumes delivered to any Applicant taking service under a Curtailment Delivered Supply contract with the Company. The unitized rate equals the applicable Monthly Contract Demand Charge times 12/365.

**CHARACTER OF SERVICE:**

The Service shall be continuous (firm) except for events specified in the Service Contract including force majeure. The Applicant is neither allowed to take a daily quantity of gas greater than the Contract Demand nor an hourly amount in excess of the Contract Demand divided by 24, without the Company's prior consent. Interruptible Distribution Service is provided on a best efforts basis subject to the events identified in the service contract including force majeure and, in addition, shall be subject to curtailment or discontinuance of service when the Company notifies the customer under normal circumstances 4 hours prior to the time that service is subject to curtailment or discontinuance. Under emergency conditions, the Company may curtail or discontinue service on one-hour notice. The Interruptible Service Customer is not allowed to exceed maximum hourly flow requirements as specified in Service Contract.

**DISTRIBUTION RATES:**

<b>Monthly Customer Charge</b>	<b>\$500.00</b>	
<b>Monthly Contract Demand Charge Firm</b>	<b>26.9524 ¢/m<sup>3</sup></b>	
<b>Interruptible Service:</b>		
<b>Minimum Delivery Charge</b>	<b>0.3942 ¢/m<sup>3</sup></b>	
<b>Maximum Delivery Charge</b>	<b>1.0633 ¢/m<sup>3</sup></b>	
	<b><u>Firm</u></b>	<b><u>Interruptible</u></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>3.3181 ¢/m<sup>3</sup></b>	<b>3.3181 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0290 ¢/m<sup>3</sup></b>	<b>0.0290 ¢/m<sup>3</sup></b>
<b>Direct Purchase Administration Charge</b>	<b>\$75.00</b>	
<b>Forecast Unaccounted For Gas Percentage</b>	<b>0.7%</b>	

**Monthly Minimum Bill:** The Monthly Customer Charge plus the Monthly Contract Demand Charge.

**TERMS AND CONDITIONS OF SERVICE:**

- To the extent that this Rate Schedule does not specifically address matters set out in PARTS III and IV of the Company's **HANDBOOK OF RATES AND DISTRIBUTION SERVICES** then the provisions in those Parts shall apply, as contemplated therein, to service under this Rate Schedule.

- Unaccounted for Gas (UFG) Adjustment Factor:**

The Applicant is required to deliver to the Company on a daily basis the sum of: (a) the volume of gas to be delivered to the Applicant's Terminal Location; and (b) a volume of gas equal to the forecast unaccounted for gas percentage as stated above multiplied by (a).

- Nominations:**

Customer shall nominate gas delivery daily based on the gross commodity delivery required to serve the customer's daily load plus the UFG, net of No-Notice Storage Service provisions under Rate 315, if applicable. The amount of gas delivered under No-Notice Storage Service will also be reduced by the UFG adjustment factor for delivery to the customer's meter.

Customers may change daily nominations based on the nomination windows within a day as defined by the customer contract with TransCanada PipeLines (TCPL) or Union Gas Limited.

Schedule of nominations under Rate 300 has to match upstream nominations. This rate does not allow for any more flexibility than exists upstream of the EGD gas distribution system. Where the customer's nomination does not match the confirmed upstream nomination, the nomination will be confirmed at the upstream value.

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Customer may nominate gas to a contractually specified Primary Delivery Area that may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA) or other Delivery Area as specified in the applicable Service Contract. The Company may accept deliveries at a Secondary Delivery Area such as Dawn, at its sole discretion. Quantities of gas nominated to the system cannot exceed Contract Demand, unless Make-up Gas or Authorized Overrun is permitted.

Customers with multiple Rate 300 contracts within a Primary Delivery Area may combine nominations subject to system operating requirements and subject to the Contract Demand for each Terminal Location. For combined nominations the customer shall specify the quantity of gas to each Terminal Location and the order in which gas is to be delivered to each Terminal Location. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location. When system conditions require delivery to a single Terminal Location only, nominations with different Terminal Locations may not be combined.

**4. Authorized Demand Overrun:**

The Company may, at its sole discretion, authorize consumption of gas in excess of the Contract Demand for limited periods within a month, provided local distribution facilities have sufficient capacity to accommodate higher demand. In such circumstances, customer shall nominate gas delivery based on the gross commodity delivery required to serve the customer's daily load, including quantities of gas in excess of the Contract Demand, plus the UFG. The Load Balancing Provisions and/or No-Notice Storage Service provisions under Rate 315 cannot be used for Authorized Demand Overrun. Failure to nominate gas deliveries to match Authorized Demand Overrun shall constitute Unauthorized Supply Overrun.

The rate applicable to Authorized Demand Overrun shall equal the applicable Monthly Demand Charge times 12/365 provided, however, that such service shall not exceed 5 days in any contract year. Requests beyond 5 days will constitute a request for a new Contract Demand level, with retroactive charges based on terms of Service Contract.

**5. Unauthorized Demand Overrun:**

Any gas consumed in excess of the Contract Demand and/or maximum hourly flow requirements, if not authorized, will be deemed to be Unauthorized Demand Overrun gas. Unauthorized Demand Overrun gas will establish a new Contract Demand and shall be subject to a charge equal to 120 % of the applicable monthly charge for twelve months of the current contract term, including retroactively based on terms of Service Contract. Unauthorized Demand Overrun gas shall also be subject to Unauthorized Supply Overrun provisions. Where a customer receives interruptible service hereunder and consumes gas during a period of interruption, such gas shall be deemed Unauthorized Supply Overrun. In addition to charges for Unauthorized Supply Overrun, interruptible customers consuming gas during a scheduled interruption shall pay a penalty charge of \$18.00 per m3.

**6. Unauthorized Supply Overrun:**

Any volume of gas taken by the Applicant on a day at the Terminal Location which exceeds the sum of:

- i. any applicable Load Balancing Provision pursuant to Rate 300 and/or provisions of Rate 315, plus
- ii. the volume of gas delivered by the Applicant on that day shall constitute Unauthorized Supply Overrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Overrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 300.

Any gas deemed to be Unauthorized Overrun gas shall be purchased by the customer at a price (Pe), which is equal to 150% of the highest price in effect for that day as defined below\*.

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## 7. Unauthorized Supply Underrun:

Any volume of gas delivered by the Applicant on any day in excess of the sum of:

- i. any applicable Rate 300 Load Balancing Provision pursuant to Rate 300 and/or provisions of Rate 315, plus
- ii. the volume of gas taken by the Applicant at the Terminal Location on that day shall be classified as Supply Underrun Gas.

The Company may also deem volumes of gas to be Unauthorized Supply Underrun gas in other circumstances, as set out in the Load Balancing Provisions of Rate 300.

Any gas deemed to be Unauthorized Supply Underrun Gas shall be purchased by the Company at a price ( $P_u$ ) which is equal to fifty percent (50%) of the lowest price in effect for that day as defined below\*\*.

\* where the price  $P_e$  expressed in cents / cubic metre is defined as follows:

$$P_e = (P_m * E_r * 100 * 0.03842 / 1.055056) * 1.5$$

$P_m$  = highest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

$E_r$  = **Daily Average exchange rate** expressed in Canadian dollars per U.S. dollar for such day quoted by the Bank of Canada in the following days Globe & Mail Publication.

1.055056 = Conversion factor from mmBtu to GJ.

0.03842 = Conversion factor from GJ to cubic metres.

\*\* where the price  $P_u$  expressed in cents / cubic metre is defined as follows:

$$P_u = (P_l * E_r * 100 * 0.03842 / 1.055056) * 0.5$$

$P_l$  = lowest daily price in U.S. \$/mmBtu published in the Gas Daily, a Platts Publication, for that day under the column "Absolute", for the Niagara export point if the terminal location is in the CDA delivery area, and the Iroquois export point if the terminal location is in the EDA delivery area.

### Term of Contract:

A minimum of one year. A longer-term contract may be required if incremental assets/facilities have been procured/built for the customer. Migration from an unbundled rate to bundled rate may be restricted subject to availability of adequate transportation and storage assets.

### Right to Terminate Service:

The Company reserves the right to terminate service to customers served hereunder where the customer's failure to comply with the parameters of this rate schedule, including interruptible service and load balancing provisions, jeopardizes either the safety or reliability of the gas system. The Company shall provide notice to the customer of such termination; however, no notice is required to alleviate emergency conditions.

### Load Balancing:

Any difference between actual daily-metered consumption and the actual daily volume of gas delivered to the system less the UFG shall first be provided under the provisions of Rate 315 - Gas Storage Service, if applicable. Any remaining difference will be subject to the Load Balancing Provisions.

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**LOAD BALANCING PROVISIONS:**

Load Balancing Provisions shall apply at the customer's Terminal Location.

In the event of an imbalance any excess delivery above the customer's actual consumption or delivery less than the actual consumption shall be subject to the Load Balancing Provisions.

**Definitions:**

**Aggregate Delivery:**

The Aggregate Delivery for a customer's account shall equal the sum of the confirmed nominations of the customer for delivery of gas to the applicable delivery area from all pipeline sources plus, where applicable, the confirmed nominations of the customer for Storage Service under Rate 316 or Rate 315 and any available No-Notice Storage Service under Rate 315 for delivery of gas to the Applicable Delivery Area.

**Applicable Delivery Area:**

The Applicable Delivery Area for each customer shall be specified by contract as a Primary Delivery Area. Where system-operating conditions permit, the Company, in its sole discretion, may accept a Secondary Delivery Area as the Applicable Delivery Area by confirming the customer's nomination of such area. Confirmation of a Secondary Delivery Area for a period of a gas day shall cause such area to become the Applicable Delivery Area for such day. Where delivery occurs at both a Terminal Location and a Secondary Delivery Area on a given day, the sum of the confirmed deliveries may not exceed Contract Demand, unless Demand Overrun and/or Make-up Gas is authorized.

**Primary Delivery Area:**

The Primary Delivery Area shall be delivery area such as EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA), or other Delivery Area as specified in the applicable Service Contract.

**Secondary Delivery Area:**

A Secondary Delivery Area may be a delivery area such as Dawn where the Company, at its sole discretion, determines that operating conditions permit gas deliveries for a customer.

**Actual Consumption:**

The Actual Consumption of the customer shall be the metered quantity of gas consumed at the customer's premise.

**Net Available Delivery:**

The Net Available Delivery shall equal the Aggregate Delivery times one minus the annually determined percentage of Unaccounted for Gas (UFG) as reported by the Company.

**Daily Imbalance:**

The Daily Imbalance shall be the absolute value of the difference between Actual Consumption and Net Available Delivery.

**Cumulative Imbalance:**

The Cumulative Imbalance shall be the sum of the difference between Actual Consumption and Net Available Delivery.

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**Maximum Contractual Imbalance:**

The Maximum Contractual Imbalance shall be equal to 60% of the customer's Contract Demand.

**Winter and Summer Seasons:**

The winter season shall commence on the date that the Company provides notice of the start of the winter period and conclude on the date that the Company provides notice of the end of the winter period. The summer season shall constitute all other days. The Company shall provide advance notice to the customer of the start and end of the winter season as soon as reasonably possible, but in no event not less than 2 days prior to the start or end.

**Operational Flow Order:**

An Operational Flow Order (OFO) shall constitute an issuance of instructions to protect the operational capacity and integrity of the Company's system, including distribution and/or storage assets, and/or connected transmission pipelines.

Enbridge Gas Distribution, acting reasonably, may call for an OFO in the following circumstances:

- Capacity constraint on the system, or portions of the system, or upstream systems, that are fully utilized;
- Conditions where the potential exists that forecasted system demand plus reserves for short notice services provided by the Company and allowances for power generation customers' balancing requirements would exceed facility capabilities and/or provisions of 3rd party contracts;
- Pressures on the system or specific portions of the system are too high or too low for safe operations;
- Storage system constraints on capacity or pressure or caused by equipment problems resulting in limited ability to inject or withdraw from storage;
- Pipeline equipment failures and/or damage that prohibits the flow of gas;
- Any and all other circumstances where the potential for system failure exists.

**Daily Balancing Fee:**

On any day where the customer has a Daily Imbalance the customer shall pay a Daily Balancing Fee equal to:

(Tier 1 Quantity X Tier 1 Fee) + (Tier 2 Quantity X Tier 2 Fee) + (Applicable Penalty Fee for Imbalance in excess of the Maximum Contractual Imbalance X the amount of Daily Imbalance in excess of the Maximum Contractual Imbalance)

Where Tier 1 and 2 Fees and Quantities are set forth as follows:

Tier 1 = Daily Imbalance of greater than 2% but less than 10% of the Maximum Contractual Imbalance and shall be subject to a charge of 0.917 cents/M3

Tier 2 = Daily Imbalance of greater than 10% but less than Maximum Contractual Imbalance shall be subject to a charge of 1.1004 cents/m3

The customers shall also pay any Limited Balancing Agreement (LBA) charges imposed by the pipeline on days when the customer has a Daily Imbalance provided such imbalance matches the direction of the pipeline imbalance. LBA charges shall first be allocated to customers served under Rate 125 and 300. The system bears a portion of these charges only to the extent that the system incurs such charges based on its operation excluding the operation of customers under Rates 125 and 300. In that event, LBA charges shall be prorated based on the relative imbalances.

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A Daily Imbalance in excess of the Maximum Contractual Imbalance shall be deemed to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

Customer's Actual Consumption cannot exceed Net Available Delivery when the Company issues an Operational Flow Order in the winter. Net nominations must not be less than consumption at the Terminal Location. Any negative Daily Imbalance on a winter Operational Flow Order day shall be deemed to be Unauthorized Supply Overrun. Customer's Net Available Delivery cannot exceed Actual Consumption when the Company issues an Operational Flow Order in the summer. Actual Consumption must not be less than net nomination at the Terminal Location. Any positive Daily Imbalance on a summer Operational Flow Order day shall be deemed to be Unauthorized Supply Underrun.

The Company will waive Daily Balancing Fee and Cumulative Imbalance Charge on the day of an Operational Flow Order if the customer used less gas than the amount the customer delivered to the system during the winter season or the customer used more gas than the amount the customer delivered to the system during the summer season. The Company will issue a 24-hour advance notice to customers of Operational Flow Orders and suspension of Load Balancing Provisions.

**Cumulative Imbalance Charges:**

Customers may trade Cumulative Imbalances within a delivery area.

Customers shall be permitted to nominate Make-up Gas, subject to operating constraints, provided that Make-up Gas plus Aggregate Delivery do not exceed Contract Demand. The Company may, on days with no operating constraints, authorize Make-up Gas that, in conjunction with Aggregate Delivery, exceeds Contract Demand.

The customer's Cumulative Imbalance cannot exceed its Maximum Contractual Imbalance. The excess imbalance shall be deemed to be Unauthorized Supply Overrun or Underrun gas, as appropriate.

The Cumulative Imbalance Fee, applicable daily, is 0.7501 cents/m3 per unit of imbalance.

The customer's Cumulative Imbalance shall be equal to zero within five (5) days from the last day of the Service Contract.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

This rate is available to any customer taking service under Distribution Rates 125 and 300. It requires a Service Contract that identifies the required storage space and deliverability. In addition, the customer shall maintain a positive balance of gas in storage at all times or forfeit the use of Storage Services for Load Balancing and No-Notice Storage Service.

A daily nomination for storage injection and withdrawal except for No-Notice Storage Service, hereunder, which is used automatically for daily Load Balancing, shall also be required.

The maximum hourly injections / withdrawals shall equal  $1/24^{\text{th}}$  of the daily Storage Demand. No-Notice Storage Service is available up to the maximum daily withdrawal rights less the nominated withdrawal or the maximum daily injection rights less the nominated injections.

Storage space shall be based on either of two storage allocation methodologies: (customer's average winter demand - customer's average annual demand) x 151, or  $[(17 \times \text{customer's maximum hourly demand}) / 0.1] \times 0.57$ . Customers have the option to select from these two storage space allocation methods the one that best suits their requirements.

Maximum deliverability shall be 1.2% of contracted storage space. The customer may inject and withdraw gas based on the quantity of gas in storage and the limitations specified in the Service Contract. Both injection and withdrawal shall be subject to applicable storage ratchets as determined by the Company and posted from time to time.

**CHARACTER OF SERVICE:**

Service shall be firm when used in conjunction with firm distribution service. Service is interruptible when used in conjunction with interruptible distribution service. All service is subject to contract terms and force majeure.

The service is available on two bases:

- (1) Service nominated daily based on the available capacity and gas in storage up to the maximum contracted daily deliverability; and
- (2) No-Notice Storage Service for daily Load Balancing consistent with the maximum hourly deliverability.

**RATE:**

The following rates and charges shall apply in respect to all gas received by the Company from and delivered by the Company to storage on behalf of the Applicant.

<b>Monthly Customer Charge:</b>	<b>\$150.00</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0544 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>23.7432 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.2772 ¢/m<sup>3</sup></b>
<b>Monthly Minimum Bill:</b> The sum of the Monthly Customer Charge plus Monthly Demand Charges.	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0048 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

All Storage Space and Deliverability/Injection Demand Charges are applicable monthly. Injection and withdrawal charges are applicable to each unit of gas injected or withdrawn based on daily nominations and No-Notice Storage Service quantities.

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All deemed withdrawal quantities under the No-Notice Storage Service provisions of this rate will be adjusted for the UFG provisions applicable to the distribution service rates.

In addition, for each unit of injection or withdrawal there will be an applicable fuel charge adjustment expressed as a percent of gas.

**TERMS AND CONDITIONS OF SERVICE:**

**1. Nominated Storage Service:**

Nominations under this rate shall only be accepted at the standard North American Energy Standards Board ("NAESB") nomination windows. The customer may elect to nominate all or a portion of the available withdrawal capacity for delivery to the applicable Primary Delivery Area, which may be EGD's Central Delivery Area (CDA) or EGD's Eastern Delivery Area (EDA). All volumes nominated from storage are delivered first for purposes of daily Load Balancing of available supply assets. When system conditions permit, the customer may nominate all or a portion of the available withdrawal capacity for delivery to Dawn or to the customer's Primary Delivery Area for purposes other than consumption at the customer's own meter.

Storage not nominated for delivery will be available for No-Notice Storage Service. The sum of gas nominated for storage injection and for the Terminal Location shall not exceed the customer's Contract Demand (CD).

The customer may also nominate gas for delivery into storage by nominating the storage delivery area as the Primary Delivery Area. Gas nominated for storage delivery will not be available for No-Notice Storage Service. The sum of gas nominated for storage injection and for the Terminal Location shall not exceed the customer's CD. Any gas in excess of the contract demand will be subject to cash out as injection overrun gas.

The Company reserves the right to limit injection and withdrawal rights to all storage customers in certain situations, such as major maintenance or construction projects, and may reduce nominations for injections and withdrawals over and above applicable storage ratchets. The Company will provide customers with one week's notice of its intent to limit injection and withdrawal rights, and at the same time, shall provide its best estimate of the duration and extent of the limitations.

In situations where the Company limits injection and withdrawal rights, the Company shall proportionately reduce the Storage Deliverability/Injection Demand Charge for affected customers based on the number of days the limitation is in effect and the difference between Deliverability/Injection Demand, subject to applicable storage ratchets, and the quantity of gas actually delivered or injected.

**2. No-Notice Storage Service:**

The Company, at its sole discretion based on operating conditions, may provide a No-Notice Storage Service that allows customers taking gas under distribution service rates to balance daily deliveries using this Storage Service. No-Notice Storage Service requires that the customer grant the Company the exclusive right to use unscheduled service available from storage to reduce the daily imbalance associated with the actual consumption of the customer.

No-Notice Storage Service is limited to the available, unscheduled withdrawal or injection capacity under contract to serve a customer. Where the customer serves multiple delivery locations from a single storage Service Contract, the customer shall specify the order in which gas is to be delivered to each Terminal Location served under a distribution Service Contract. The specified order of deliveries shall be used to administer Load Balancing Provisions to each Terminal Location.

The availability of No-Notice Storage Service is subject to and reduced by any service schedule from or to storage. To the extent that the quantity of gas available in storage is insufficient to meet the requirements of the customer under a No-Notice Storage Service, the customer will be unable to use the service on a no-notice basis for Load Balancing service. To the extent that the scheduled injections into storage plus No-Notice Storage Service exceed the maximum limit for injection, No-Notice Storage Service will be reduced and the remainder of the gas will constitute a daily imbalance. Gas delivered in excess of the maximum injection quantity shall be deemed injection overrun gas and cashed out at 50% of the lowest index price of gas.

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**Other provisions:**

If the customer elects to use the contracted storage capacity at less than the full volumetric capacity of the storage, the Company may inject its own gas provided that such injection does not reduce the right of the customer to withdraw the full amount of gas injected on any day during the withdrawal season or to schedule its full injection right during the injection season.

**Term of Contract:**

A minimum of one year.

A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

This rate is available to any customer taking service under Distribution Rates 125 and 300. It requires a Service Contract that identifies the required storage space and deliverability. The customer shall maintain a positive balance of gas in storage at all times. In addition, the customer must arrange for pipeline delivery service from Dawn to the applicable Primary Delivery Area.

This service is not a delivered service and is only available when the relevant pipeline confirms the delivery.

The maximum hourly injections / withdrawals shall equal  $1/24^{\text{th}}$  of the daily Storage Demand.

Storage space shall be based on either of two storage allocation methodologies: (customer's average winter demand - customer's average annual demand) x 151, or  $[(17 \times \text{customer's maximum hourly demand}) / 0.1] \times 0.57$ . Customers have the option to select from these two storage space allocation methods the one that best suits their requirements.

Maximum deliverability shall be 1.2% of contracted storage space. The customer may inject and withdraw gas based on the quantity of gas in storage and the limitations specified in the Service Contract. Both injection and withdrawal shall be subject to applicable storage ratchets as determined by the Company and posted from time to time.

**CHARACTER OF SERVICE:**

Service shall be firm when used in conjunction with firm distribution service. Service is interruptible when used in conjunction with interruptible distribution service. All service is subject to contract terms and force majeure.

The service is nominated based on the available capacity and gas in storage up to the maximum contracted daily deliverability.

**RATE:**

The following rates and charges shall apply in respect to all gas received by the Company from and delivered by the Company to storage on behalf of the Applicant.

<b>Monthly Customer Charge:</b>	<b>\$150.00</b>
<b>Storage Reservation Charge:</b>	
<b>Monthly Storage Space Demand Charge</b>	<b>0.0544 ¢/m<sup>3</sup></b>
<b>Monthly Storage Deliverability Demand Charge</b>	<b>5.6492 ¢/m<sup>3</sup></b>
<b>Injection &amp; Withdrawal Unit Charge:</b>	<b>0.1081 ¢/m<sup>3</sup></b>
<b>Monthly Minimum Bill:</b> The sum of the Monthly Customer Charge plus Monthly Demand Charges.	
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0048 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

All Storage Space and Deliverability/Injection Demand Charges are applicable monthly. Injection and withdrawal charges are applicable to each unit of gas injected or withdrawn based on daily nominations.

In addition, for each unit of injection or withdrawal there will be an applicable fuel charge adjustment expressed as a percent of gas.

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**TERMS AND CONDITIONS OF SERVICE:**

**Nominated Storage Service:**

The customer shall nominate storage injections and withdrawals daily. The customer may change daily nominations based on the nomination windows within a day as defined by the customer contract with Union Gas Limited and TransCanada PipeLines (TCPL).

The customer may elect to nominate all or a portion of the available withdrawal capacity for delivery to the applicable Primary Delivery Area.

The Company reserves the right to limit injection and withdrawal rights to all storage customers in certain situations, such as major maintenance or construction projects, and may reduce nominations for injections and withdrawals over and above applicable storage ratchets. The Company will provide customers with one week's notice of its intent to limit injection and withdrawal rights, and at the same time, shall provide its best estimate of the duration and extent of the limitations.

In situations where the Company limits injection and withdrawal rights, the Company shall proportionately reduce the Storage Deliverability/Injection Demand Charge for affected customers based on the number of days the limitation is in effect and the difference between Deliverability/Injection Demand, subject to applicable storage ratchets, and the quantity of gas actually delivered or injected.

The customer may transfer the title of gas in storage.

**Other provisions:**

If the customer elects to use the contracted storage capacity at less than the full volumetric capacity of the storage, the Company may inject its own gas provided that such injection does not reduce the right of the customer to withdraw the full amount of gas injected on any day during the withdrawal season or to schedule its full injection right during the injection season.

**Term of Contract:**

A minimum of one year.

A longer-term contract may be required if incremental contracts/assets/facilities have been procured/built for the customer.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant whose delivery of natural gas to the Company for transportation to a Terminal Location has been interrupted prior to the delivery of such gas to the Company.

**CHARACTER OF SERVICE:**

The volume of gas available for backstopping in any day shall be determined by the Company exercising its sole discretion. If the aggregate daily demand for service under this Rate Schedule exceeds the supply available for such day, the available supply shall be allocated to firm service customers on a first requested basis and any balance shall be available to interruptible customers on a first requested basis.

**RATE:**

The rates applicable in the circumstances contemplated by this Rate Schedule, in lieu of the Gas Supply Charges specified in any of the Company's other Rate Schedules pursuant to which the Applicant is taking service, shall be as follows:

	<u>Billing Month</u> January to December
<b>Gas Supply Charge</b> Per cubic metre of gas sold	<b>18.1442 ¢/m<sup>3</sup></b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0000 ¢/m<sup>3</sup></b>

provided that if upon the request of an Applicant, the Company quotes a rate to apply to gas which is delivered to the Applicant at a particular Terminal Location on a particular day or days and to which this Rate Schedule is applicable (which rate shall not be less than the Company's avoided cost in the circumstances at the time nor greater than the otherwise applicable rate specified above), then the Gas Supply Charge applicable to such gas shall be the rate quoted by the Company.

**EFFECTIVE DATE:**

To apply to bills rendered for gas consumed by customers on and after January 1, 2018 under Sales Service and Transportation Service. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181, effective July 1, 2017.

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**APPLICABILITY AND CHARACTER OF SERVICE:**

Service under this rate schedule shall apply to the Transmission and Compression Service Agreement with Union Gas Limited dated April 1, 1989, and the Transmission, Compression and Pool Storage Service Agreement with Centra Gas Ontario Inc. dated May 30, 1994. Service shall be provided subject to the terms and conditions specified in the Service Agreement.

**RATE:**

The Customer shall pay for service rendered in each month in a contract year, the sum of the following applicable charges:

	<b>Transmission &amp; Compression \$/10<sup>3</sup>m<sup>3</sup></b>	<b>Pool Storage \$/10<sup>3</sup>m<sup>3</sup></b>
<b>Demand Charge for:</b>		
Annual Turnover Volume	<b>0.2106</b>	<b>0.2000</b>
Maximum Daily Withdrawal Volume	<b>23.1774</b>	<b>22.2466</b>
<b>Commodity Charge</b>	<b>0.9265</b>	<b>0.1539</b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)		<b>0.0000 ¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>		<b>0.0066 ¢/m<sup>3</sup></b>

**FUEL RATIO REQUIREMENT:**

Fuel Ratio applicable to per unit of gas injected and withdrawn is 0.35%.

**MINIMUM BILL:**

The minimum monthly bill shall be the sum of the applicable Demand Charges as stated in Rate Section above.

**EXCESS VOLUME AND OVERRUN RATES:**

In addition to the charges provided for in the Rate Section above, the Customer shall pay, for services rendered, the sum of the following applicable charges as they are incurred:

**TERMS AND CONDITIONS OF SERVICE:**

1. Excess Volumes will be billed at the total of the Excess Volume Charges as stated above.
2. Transmission and Compression, and Pool Storage Overrun Service will be billed according to the following:
  - (a) At the end of each month, in a contract year, the Company will make a determination, for each day in the month, of
    - (i) the difference between the volume of gas actually delivered, exclusive of the fuel volume, for Customer's account into the Company System, at the Point of Delivery and the Customer's Maximum Daily Injection Volume, and
    - (ii) the difference between the volume of gas actually delivered, exclusive of the fuel volume, for Customer's account from the Company System, at the Point of Delivery, and the Customer's Maximum Daily Withdrawal Volume.

	Excess Volume Charge \$/10 <sup>3</sup> m <sup>3</sup> / Year	Overrun Charge \$/10 <sup>3</sup> m <sup>3</sup> / Day
<b>Transmission &amp; Compression</b>		
Authorized	2.7799	0.7620
Unauthorized	-	305.9417
<b>Pool Storage</b>		
Authorized	2.6400	0.7314
Unauthorized	-	293.6551

- (b) For each day of the month, where any such differences exceed 2.0 percent of the Customer's relevant Maximum Daily Injection Volume and/or Maximum Daily Withdrawal Volume, the Customer shall pay a charge equal to the relevant Overrun rates, as stated above, for such differences.

#### **BILLING ADJUSTMENT:**

1. Injection deficiency - If at the beginning of any Withdrawal Period the Customer's Storage Balance is less than the Customer's Annual Turnover Volume, due solely to the Company's inability to inject gas for any reason other than the fault of the Customer, then the applicable Demand Charge for Annual Turnover Volume for the contract year beginning the prior April 1 as stated in Rate Section as applicable, shall be adjusted by multiplying each by a fraction, the numerator of which shall be the Customer's Storage Gas Balance as of the beginning of such Withdrawal Period and the denominator shall be the Customer's Annual Turnover Volume as it may have been established for the then current year.
2. Withdrawal deficiency - If in any month in a contract year for any reason other than the fault of the Customer, the Company fails or is unable to deliver during any one or more days, the amount of gas which the Customer has nominated, up to the maximum volumes which the Company is obligated by the Agreement to deliver to the Customer, then the Demand Charge for maximum Contract Daily Withdrawal Volume in the contract year otherwise payable for the month in which such failure occurs, as stated in Rate Section above, as applicable, shall be reduced by an amount for each day of deficiency to be calculated as follows: The Demand Charge for maximum Contract Daily Withdrawal Volume for the contract year for the month will be divided by 30.4 and the result obtained will then be multiplied by a fraction, the numerator being the difference between the nominated volume for such day and the delivered volume for such day and the denominator being the Customer's maximum Contract Daily Withdrawal Volume for such contract year.

#### **TERMS AND EXPRESSIONS:**

In the application of this Rate Schedule to each of the Agreements, terms and expressions used in this Rate Schedule have the meanings ascribed thereto in such Agreement.

#### **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into a Storage Contract with the Company for delivery by the Applicant to the Company and re-delivery by the Company to the Applicant of a volume of natural gas owned by the Applicant.

**CHARACTER OF SERVICE:**

Service under this rate is for Full Cycle or Short Cycle storage service; with firm or interruptible injection and withdrawal service, all as may be available from time to time.

**RATE:**

The following rates and charges shall apply in respect of all gas received by the Company from and re-delivered by the Company to the Applicant.

	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Full Cycle Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	Short Cycle \$/10 <sup>3</sup> m <sup>3</sup>
<b>Monthly Demand Charge per unit of Annual Turnover Volume:</b>			
Minimum	0.4106	0.4106	-
Maximum	2.0530	2.0530	-
<b>Monthly Demand Charge per unit of Contracted Daily Withdrawal:</b>			
Minimum	45.4240	36.3392	-
Maximum	227.1200	181.6960	-
<b>Commodity Charge per unit of gas delivered to / received from storage:</b>			
Minimum	1.0804	1.0804	0.4082
Maximum	5.4020	5.4020	42.6631
<b>Cap and Trade Customer Related Charge</b> (If applicable)			0.0000 ¢/m <sup>3</sup>
<b>Cap and Trade Facility Related Charge</b>			0.0066 ¢/m <sup>3</sup>

**FUEL RATIO REQUIREMENT:**

The Fuel Ratio per unit of gas injected and withdrawn is 0.35%.

**TRANSACTING IN ENERGY:**

The conversion factor is 37.74MJ/m<sup>3</sup>, which corresponds to Union Gas' System Wide Average Heating Value, as per the Board's RP-1999-0017 Decision with Reasons.

**MINIMUM BILL:**

The minimum monthly bill shall be the sum of the applicable Demand Charges.

# **OVERRUN RATES:**

The units rates stated below will apply to overrun volumes. The provision of Authorized Overrun service will be at the Company's sole discretion.

	Full Cycle		Short Cycle
	Firm \$/10 <sup>3</sup> m <sup>3</sup>	Interruptible \$/10 <sup>3</sup> m <sup>3</sup>	\$/10 <sup>3</sup> m <sup>3</sup>
<b>Authorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negotiable, not to exceed:</b>	<b>42.6631</b>	<b>42.6631</b>	<b>42.6631</b>
<b>Authorized Overrun</b>			
<b>Daily Injection/Withdrawal</b>			
<b>Negotiable, not to exceed:</b>	<b>42.6631</b>	<b>42.6631</b>	<b>42.6631</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Excess Storage Balance</b>			
<b>Excess Storage Balance</b>	<b>426.6312</b>	<b>426.6312</b>	<b>426.6312</b>
<b>December 1 - October 31</b>	<b>42.6631</b>	<b>42.6631</b>	<b>42.6631</b>
<b>Unauthorized Overrun</b>			
<b>Annual Turnover Volume</b>			
<b>Negative Storage Balance</b>			

# **TERMS AND CONDITIONS OF SERVICE:**

1. All Services are available at the Company's sole discretion.
2. Delivery and Re-delivery of the volume of natural gas shall be from/to the facilities of Union Gas Limited and / or TransCanada PipeLines Limited in Dawn Township and/or Niagara Gas Transmission Limited in Moore Township.
3. The Customers daily injections or withdrawals will be adjusted to provide for the fuel ratio stated in the Fuel Ratio Section. In the event that a Short Cycle service does not require fuel for injection and/or withdrawal, the fuel ratio commodity charge may be waived.

# **EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

To any Applicant who enters into an agreement with the Company pursuant to the Rate 331 Tariff ("Tariff") for transportation service on the Company's pipelines extending from Tecumseh to Dawn ("Tecumseh Pipeline"). The Company will receive gas at Tecumseh and deliver the gas at Dawn. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

**CHARACTER OF SERVICE:**

Transportation service under this Rate Schedule may be available on a firm basis ("FT Service") or an interruptible basis ("IT Service"), subject to the terms and conditions of service set out in the Tariff and the applicable rates set out below.

**RATE:**

The following rates, effective January 1, 2018, shall apply in respect of FT and IT Service under this Rate Schedule:

	<b>Demand Rate</b> <b>\$/10<sup>3</sup>m<sup>3</sup></b>	<b>Commodity Rate</b> <b>\$/10<sup>3</sup>m<sup>3</sup></b>	
<b>FT Service</b>	<b>5.6430</b>	<b>-</b>	
<b>IT Service</b>	<b>-</b>	<b>0.2230</b>	
<b>Cap and Trade Customer Related Charge</b> (If applicable)		<b>0.0000</b>	<b>¢/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>		<b>0.0018</b>	<b>¢/m<sup>3</sup></b>

**FT Service:** The monthly demand charge shall be the products obtained by multiplying the applicable Maximum Daily Volume by the above demand rate.

**IT Service:** The monthly commodity charge shall be the product obtained by multiplying the applicable Delivery Volume for the Month by the above commodity rate.

**TERMS AND CONDITIONS OF SERVICE:**

The terms and conditions of FT and IT Service are set out in the Tariff. The provisions of PARTS I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 331 service.

**EFFECTIVE DATE:**

The Tariff was approved by the Board in Board Order EB-2010-0177, dated July 12, 2010, and is posted and available on the Company's website. In accordance with Section 1.6.2 of the Board's Storage and Transportation Access Rule, the Tariff does not apply to any Rate 331 service agreements executed prior to June 16, 2010.

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**APPLICABILITY:**

To any Applicant who enters into an agreement with the Company pursuant to the Rate 332 Tariff ("Tariff") for transportation service on the Company's Albion Pipeline, as defined in the Tariff. Capitalized terms used in this Rate Schedule shall have the meanings ascribed to those terms in the Tariff.

**CHARACTER OF SERVICE:**

Transportation service under this Rate Schedule shall be provided on a firm basis, subject to the terms and conditions set out in the Tariff and this Rate Schedule.

**RATE:**

The following charges, effective January 1, 2018, shall apply for transportation service under this Rate Schedule:

<b>Monthly Contract Demand Charge</b>	<u><b>\$/GJ</b></u> <b>\$1.2075</b>	<u><b>\$/103m3</b></u> <b>45.5107</b>
<b>Authorized Overrun Charge</b>	<u><b>\$/GJ</b></u> <b>\$0.0476</b>	<u><b>\$/103m3</b></u> <b>1.7940</b>
<b>Cap and Trade Customer Related Charge</b> (If applicable)	<b>0.0000</b>	<b>c/m<sup>3</sup></b>
<b>Cap and Trade Facility Related Charge</b>	<b>0.0018</b>	<b>c/m<sup>3</sup></b>

The Monthly Contract Demand charge is equal to the Daily Contract Demand of \$0.0397 per GJ or \$1.4963 per 10<sup>3</sup>m<sup>3</sup>.

**Monthly Minimum Bill:** The minimum monthly bill shall equal the applicable Monthly Contract Demand Charge times the Maximum Daily Quantity.

**Authorized Overrun Service:** The Company may, in its sole discretion, authorize transportation of gas in excess of the Maximum Daily Quantity provided excess capacity is available. The excess volumes will be subject to the Authorized Overrun Charge.

In addition to the rates quoted above, Applicants taking Rate 332 transportation service will be required to pay any charges resulting from Board approved dispositions of Deferral and Variance account balances pertaining to Rate 332.

**TERMS AND CONDITIONS OF SERVICE:**

The terms and conditions of transportation service are set out in the Tariff.

The provisions of Parts I to IV of the Company's HANDBOOK OF RATES AND DISTRIBUTION SERVICES do not apply to Rate 332 transportation service.

**EFFECTIVE DATE:**

The Tariff was approved by the Board in Board Order EB-2016-0028 available on the Company's website.

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Applicants located off the piping networks noted below or off piping systems supplied from these networks may be curtailed to maintain distribution system integrity.

The Town of Collingwood

The Town of Midland

**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Transportation Agreement with the Company under any rate other than Rates 125 and 300.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$75.00 per month
<b>Account Charge</b>	\$0.21 per month per account

**AVERAGE COST OF TRANSPORTATION:**

The average cost of transportation effective January 1, 2018:

Service Type:	Point of Acceptance	Firm Transportation (FT)
T-Service:	CDA, EDA	5.4152 ¢/m <sup>3</sup>
Dawn T-Service:	CDA, EDA	1.1650 ¢/m <sup>3</sup>

**TCPL FT CAPACITY TURNBACK:**

**APPLICABILITY:**

To Ontario T-Service and Western T-Service customers who have been or will be assigned TCPL capacity by the Company.

**TERMS AND CONDITIONS OF SERVICE:**

1. The Company will accommodate TCPL FT capacity turnback requests from customers, but only if it can do so in accordance with the following considerations:
  - i. The FT capacity to be turned back must be replaced with alternative, contracted firm transportation (primary capacity or assignment) of equivalent quality to the TCPL FT capacity;
  - ii. The amount of turnback capacity that Enbridge otherwise may accommodate may be reduced to address the impact of stranded costs, other transitional costs or incremental gas costs resulting from the loss of STS capacity arising from any turnback request; and
  - iii. Enbridge must act in a manner that maintains the integrity and reliability of the gas distribution system and that respects the sanctity of contracts.
2. Requests for TCPL FT turnback must be made in writing to the attention of Enbridge's Direct Purchase group.
3. All TCPL FT capacity turnback requests will be treated on an equitable basis.
4. The percentage turnback of TCPL FT capacity will be applied at the Direct Purchase Agreement level.



5. Written notice to turnback capacity must be received by the Company the earlier of:

(a) Sixty days prior to the expiry date of the current contract.

or

(b) A minimum of one week prior to the deadline specified in TransCanada tariff for FT contract extension.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

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**APPLICABILITY:**

This rider is applicable to any Applicant who entered into a Gas Purchase Agreement with the Company, prior to April 1, 1999, to sell to the Company a supply of natural gas.

**MONTHLY DIRECT PURCHASE ADMINISTRATION CHARGE:**

<b>Fixed Charge</b>	\$75.00 per month
<b>Account Charge</b>	\$0.21 per month per account

**BUY / SELL PRICE:**

In Buy/Sell Arrangements between the Company and an Applicant, the Company shall buy the Applicants gas at the Company's actual FT-WACOG price determined on a monthly basis in the manner approved by the Ontario Energy Board. For Western Buy/Sell arrangements the FT-WACOG price shall be reduced by pipeline transmission costs.

**FT FUEL PRICE:**

The FT fuel price used to establish the Buy price in Western Buy/Sell arrangements without fuel will be determined monthly based upon the actual FT-WACOG.

**EFFECTIVE DATE:**

To apply to bills rendered for gas delivered on and after January 1, 2018. This rate schedule is effective January 1, 2018 and replaces the identically numbered rate schedule that specifies implementation date, July 1, 2017 and that indicates the Board Order, EB-2017-0181 effective July 1, 2017.

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 1 of 1
January 1, 2018	January 1, 2018	EB-2017-0086	July 1, 2017	Handbook 55

RIDER:

**C**

**GAS COST ADJUSTMENT RIDER**

EFFECTIVE DATE:

January 1, 2018

IMPLEMENTATION DATE:

January 1, 2018

BOARD ORDER:

EB-2017-0086

REPLACING RATE EFFECTIVE:

July 1, 2017

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**Bundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 1	0.0000
Rate 6	0.0000
Rate 9	0.0000
Rate 100	0.0000
Rate 110	0.0000
Rate 115	0.0000
Rate 135	0.0000
Rate 145	0.0000
Rate 170	0.0000
Rate 200	0.0000

**Unbundled Services**

Rate Class	<u>( ¢/m<sup>3</sup> )</u>
Rate 125 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 - per m <sup>3</sup> of contract demand	0.0000
Rate 300 (Interruptible)	0.0000



The following elevation factors shall be applicable to metered volumes measured by a meter that does not correct for atmospheric pressure.

<b>Zone</b>	<b>Elevation Factor</b>
1	0.9644
2	0.9652
3	0.9669
4	0.9678
5	0.9686
6	0.9703
7	0.9728
8	0.9745
9	0.9762
10	0.9771
11	0.9839
12	0.9847
13	0.9856
14	0.9864
15	0.9873
16	0.9881
17	0.9890
18	0.9898
19	0.9907
20	0.9915
21	0.9932
22	0.9941
23	0.9949
24	0.9958
25	0.9960
26	0.9966
27	0.9975
28	0.9981
29	0.9983
30	0.9992
31	0.9997
32	1.0000
33	1.0017
34	1.0025
35	1.0034
36	1.0051
37	1.0059
38	1.0170

Rate  
(excluding HST)

New Account Or Activation

New Account Charge \$25.00

Turning on of gas, activating appliances, obtaining  
billing data and establishing an opening meter reading  
for new customers in premises where gas has been  
previously supplied

Appliance Activation Charge - Commercial Customers Only

Commercial customers are charged an appliance activation  
charge on unlock and red unlock orders, except on the  
very first unlock and service unlock at a premise.

\$70.00  
minimum  
1/2 hour work.  
Total Amount depends  
on time required

Meter Unlock Charge - Seasonal or Pool Heater

Seasonal for all other revenue classes, or  
Pool Heater for residential only

\$70.00

Statement of Account

Lawyer Letter Handling Charge

Provide the customer's lawyer with gas bill information.

\$15.00

Statement of Account Charge (for one year history)

\$10.00

Cheques Returned Non-Negotiable Charge

\$20.00

Gas Termination

Red Lock Charge

Locking meter or shutting off service by  
closing the street shut-off valve (when work can be  
performed by Field Collector)

\$70.00

Removal of Meter

Removing meter by Construction & Maintenance crew

\$280.00

Cut Off At Main Charge

Cutting service off at main by Construction &  
Maintenance Crew

\$1,300.00

Valve Lock Charge

Shutting off service by closing the street

shut-off valve - work performed by Field Investigator

- work performed by Construction & Maintenance

\$135.00

\$280.00

Safety Inspection

Inspection Charge

For inspection of gas appliances; the Company provides only  
one inspection free of charge, upon first time introduction of gas  
to a premise.

\$70.00

Inspection Reject Charge (safety inspection)

Energy Board Inspection rejects are billed to the meter  
installer or homeowner.

\$70.00

EFFECTIVE DATE:

January 1, 2018

IMPLEMENTATION DATE:

January 1, 2018

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REPLACING RATE EFFECTIVE:

July 1, 2017

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Meter Test

## Meter Test Charge

When a customer disputes the reading on his/her meter, he/she may request to have the meter tested. This charge will apply if the test result confirms the meter is recording consumption correctly.

Residential meters \$105.00

Non-Residential meters Time & Material per Contractor

Street Service Alteration

## Street Service Alteration Charge

For installation of service line beyond allowable guidelines (for new residential services only)

\$32.00

NGV Rental

NGV Rental Cylinder (weighted average)

\$12.00

Other Customer Services (ad-hoc request)and Third Party Services (damages investigation and repair)

## Labour Hourly Charge-Out Rate

Other Services (including ad-hoc customer requests and charges to customers and third parties for responding, investigating and repairing damages to Company facilities)

\$140.00

## Cut Off At Main Charge - Commercial &amp; Special Requests

Cut Off At Main charges for commercial services and other residential services that involve significantly more work than the average will be custom quoted.

custom quoted

## Cut Off At Main Charge - Other Customer Requests

Other residential Cut Off At Main requests due to demolitions, fires, inactive services, etc. will be charged at the standard COAM rate.

\$1,300.00

## Meter In-Out (Residential Only))

Relocate the meter from inside to outside per customer request

\$280.00

## Request For Service Call Information

Provide written information of the result of a service call as requested by home owners.

\$30.00

## Temporary Meter Removal

As requested by customers.

\$280.00

## Damage Meter Charge

\$380.00

EFFECTIVE DATE:	IMPLEMENTATION DATE:	BOARD ORDER:	REPLACING RATE EFFECTIVE:	Page 2 of 2
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**APPLICABILITY:**

This rider is applicable to any Applicant who enters into Gas Delivery Agreement with the Company under any rate.

**IN FRANCHISE TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, an Applicant may elect to initiate a transfer of natural gas from one of its pools to the pool of another Applicant for the purposes of reducing an imbalance between the Applicant's deliveries and consumption as recorded in its Banked Gas Account or Cumulative Imbalance Account. Elections must be made in accordance with the Company's policies and procedures related to transaction requests under the Gas Delivery Agreement.

The Company will not apply an Administration charge for transfers between pools that have similar Points of Acceptance (i.e. both Ontario, both Western, or both Dawn Points of Acceptance). For transfers between pools that have dissimilar Points of Acceptance (i.e. one Ontario and one Western Point of Acceptance or, one Western and one Dawn point of Acceptance), the Company will apply the following Administration Charge per transaction to the pool transferring the natural gas (i.e. the seller or transferor).

<b>Administration Charge:</b>	<b>\$169.00 per transaction</b>
-------------------------------	---------------------------------

Also, the applicable average cost of transportation as per Rider A for the transferred volume is charged to the pool with a Western or Dawn Point of Acceptance for transfers to a pool with an Ontario Point of Acceptance. The average cost of transportation as per Rider A for the transferred volume is remitted to the pool with a Western or Dawn Point of Acceptance for transfers from a pool with an Ontario Point of Acceptance. The applicable average cost of transportation as per Rider A is adjusted for transfers between Western and Dawn Points of Acceptance, so that the seller pool (transferor) is charged the applicable cost per volume transferred and the buyer pool or (recipient) is remitted at the applicable cost per volume transferred.

**ENHANCED TITLE TRANSFER SERVICE:**

In any Gas Delivery Agreement between the Company and the Applicant, the Applicant may elect to initiate a transfer of natural gas between the Company and another utility, regulated by the Ontario Energy Board, at Dawn for the purposes of reducing an imbalance between the customer's deliveries and consumption within the Enbridge Gas Distribution franchise areas. The ability of the Company to accept such an election may be constrained at various points in time for customers obtaining services under any rate other than Rate 125 or 300 due to operational considerations of the Company.

The cost for this service is separated between an Administration Charge that is applicable to all Applicants and a Bundled Service Charge that is only applicable to Applicants obtaining services under any rate other than Rate 125 or 300.

<b>Administration Charge:</b>	
Base Charge	\$50.00 per transaction
Commodity Charge	\$0.5402 per 10 <sup>3</sup> m <sup>3</sup>

**Bundled Service Charge:**  
The Bundled Service Charge shall be equal to the absolute difference between the Eastern Zone and Southwest Zone Firm Transportation tolls approved by the National Energy Board for TCPL at a 100% Load Factor.

Also, the average cost of transportation as per Rider A for the transferred volume is charged to the Applicant with a Western Point of Acceptance for transfers to another party. The average cost of transportation as per Rider A for the transferred volume is remitted to the Applicant with a Western Point of Acceptance for transfers from another party.

# **GAS IN STORAGE TITLE TRANSFER:**

An Applicant that holds a contract for storage services under Rate 315 or 316 may elect to initiate a transfer of title to the natural gas currently held in storage between the storage service and another storage service held by the Applicant, or any other Applicant that has contracted with the Company for storage services under Rate 315 or 316. The service will be provided on a firm basis up to the volume of gas that is equivalent to the more restrictive firm withdrawal and injection parameters of the two parties involved in the transfer. Transfer of title at rates above this level may be done on at the Company's discretion.

For Applicants requesting service between two storage service contracts that have like services, each party to the request shall pay an Administration Charge applicable to the request. Services shall be considered to be alike if the injection and deliverability rate at the ratchet levels in effect at the time of the request are the same and both services are firm or both services are interruptible. In addition to like services, the Company, at its sole discretion based on operational conditions, will also allow for the transfer of gas from a storage service contract that has a level of deliverability that is higher than the level of deliverability of the storage service contract the gas is being transferred to with only the Administration Charge being applicable to each party.

In addition to the Administration Charge, Applicants requesting service between two storage service contracts not addressed in the preceding paragraph would be subject to the injection and withdrawal charges specified in their contracts.

<b>Administration Charge:</b>	\$25.00 per transaction
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**ATTACHMENT 2**  
**SUPPORTING DOCUMENTATION**

## DOCUMENTATION FOR WORKING PAPERS SUPPORTING THE DRAFT RATE ORDER: EB-2017-0086

The attached working papers provide support for the Rate Handbook filed as Attachment X to the Draft Rate Order. The Rate Handbook reflects the 2018 evidence and Settlement Proposal which includes the impact of an updated Return on Equity ("ROE"), cost of debt and income taxes for 2018 and an update to the volume forecast associated with GIF-funded customer-related abatement program.

The updated/adjusted 2018 revenue deficiency as outlined in the Settlement Proposal at Exhibit N1, Tab 1, Schedule 1, Appendix A, page 2 at line 28 is \$90.8 million. The proposed revenue deficiency as stated in the rate design exhibits can be found at Exhibit H2, Tab 2, Schedule 1 and is reproduced below as follows:

	(\$Millions)	Reference: Rate Order
Revenue at Existing Rates (EB-2017-0181)	2,896.1	H2, T2, S1, Including DPAC
Revenue Requirement (EB-2017-0086)	<u>2,986.9</u>	H2, T2, S1, Including DPAC
Gross Revenue Deficiency	(90.8)	

The working papers are laid out as follows:

H2: Design of Rates using Fully Allocated Cost Study (FACS) shown at G2  
G2: Fully Allocated Cost Study (FACS)

### Description of H2 Exhibits

The rates shown in the H2 exhibits are designed to recover the revenue requirement from the 2018 Allowed Revenues using the fully allocated cost study as a guide.

All exhibits in the H2 series follow the same format as in previous rate filings and rate orders and are listed below:

- a) Tab 1, Schedule 1 of this exhibit summarizes, by rate class, and rate component, the revenues at existing rates (EB-2017-0181) and 2018 rates found in EB-2017-0086. The forecast of billed revenues at 2018 existing rates is shown in columns 1 through 6. The billed revenues at the 2018 rates are shown in columns 13 through 18.

The net change in revenue, or the revenue deficiency/sufficiency, by component, is shown in columns 7 to 12. The total in column 12 indicates the forecast revenue deficiency that will be recovered from billed

revenues. Schedule 2 displays the revenue requirement, unit rates and associated volumes by rate class and component.

- b) The Tab 2 schedule summarizes the revenues shown in Schedule 1 and presents the unbilled revenues at EB-2017-0181 existing rates and 2018 rates to yield calendar year revenues.
- c) The schedules at Tab 3 compare the unit rates from EB-2017-0181 existing to the 2018 unit rates.
- d) Exhibits under Tab 4 show the derivation of gas supply commodity, gas supply load balancing rates and transportation rates from the cost allocated to the rate classes in the FACS which is found at Exhibit G2. The derivation of the Seasonal credits is found at page 3.
- e) The schedules under Tab 5 show the detailed revenue calculations by rate class.
- f) Annual bill comparisons indicating the impact of the 2018 rates on typical customers relative to the existing EB-2017-0181 (July 1, 2017 QRAM) rates are shown at Tab 7, Schedule 1. The impact of the discontinuance of the Site Restoration Cost ("SRC") Clearance (Rider D) on annual bills is also displayed.
- g) Annual bill comparisons indicating the impact of the 2018 rates on typical customers relative to the existing EB-2017-0181 rates inclusive of cap and trade charges for Large Finals Emitters are shown at Tab 8, Schedule 1.
- h) Annual bill comparisons indicating the impact of the 2018 rates on typical customers relative to the existing EB-2017-0181 rates inclusive of cap and trade charges for Non-Large Finals Emitters are shown at Tab 9, Schedule 1.

Table 1 below provides a summary of the average rate impacts by rate class based on a revenue deficiency of \$90.8 million as outlined above. Rate impacts for customers taking service under bundled rates are expressed on a T-service basis (i.e. total bill excluding gas supply charges). Rate impacts for customers taking unbundled rates are expressed on a delivery rate basis.

Table 1: Summary of Average Rate Impact by Customer Rate Class

<u>Rate Class</u>	<u>T-Service Rate Impact</u>
1	5.1%
6	4.7%
9	1.4%
100	0.5%
110	1.6%
115	0.9%
135	1.0%
145	0.9%
170	1.0%
200	2.6%
	<u>Delivery Rate Impact</u>
125	2.4%
300	2.0%

For a typical residential customer on a T-service basis (that is, excluding commodity costs), the increase will be approximately \$30 annually.

Description of Cost Allocation (G2) Exhibits

The G2 exhibits, also referred to as the Fully Allocated Cost Study (“FACS”), allocate the test year revenue requirement to the customer rate classes.

All G2 series exhibits have been updated to reflect the impact of an updated Return on Equity (“ROE”), cost of debt, and income taxes for 2018 and an update to the volume forecast associated with GIF-funded customer–related abatement program.

The cost of service total of \$2,986.9 million shown at G2/T2/S1/P1/L4/C1 equals revenues at existing rates of \$2,896.1 million (Exhibit H2/T2/S1/P1/L17/C4), plus a gross deficiency in the amount of \$90.8 million (Exhibit H2/T2/S1/P1/L17/C8).

The updated G2 exhibits in this filing reflect:

- a) Adjustment to forecast cost of capital rates, based upon the updated forecast ROE and cost of debt.
- b) Adjustment to income taxes to reflect the change of forecast cost of capital rates
- c) Reduction to revenue forecasts of \$1.4 million and Gas Cost of \$1.0 million to reflect the volume reductions associated with the GIF-funded customer-related abatement program. (EB-2017-0224, Exhibit B, Tab 2, Schedule 1, Page 3 of 8)

The deficiency at the Original Filing was \$86.0 million. Adjustments to ROE, Gas Cost and Revenues increase the deficiency to \$90.8 million as follows:

Sufficiency / (Deficiency) at Original Filing	(86.0)
Adjustments to Revenues	(1.4)
Adjustment to Return and Taxes	(4.4)
Adjustment to Gas Cost	1.0
Subtotal of Adjustments	(4.8)
Deficiency outcome to be Recovered in Rates Effective Jan 01, 2018	(90.8)

The following two tables illustrate how the adjustments were made in the FACS to capture sufficiency/deficiency consequences from the Settlement Proposal.

Table 1: Adjustments to Return and Taxes

#	Item	Evidence Update	Reference
1.0	Return & Taxes	4.0	G2/T5/S2/P1/L7/C2& G2/T5/S3/P1/L6/C3
1.1	Tecumseh Return	0.2	G2/T7/S2/P1/L3/C3
1.2	GTA Revenue Requirement	0.1	G2/T5/S3/P1/L9/C3
1.3	Rounding	0.1	
2.0	Total	4.4	

Table 2: Adjustments to Gas Costs

#	Item	Evidence Update	Reference
1.0	Gas Costs	(0.9)	G2/T6/S2/P1/L9/C11
1.1	Rounding	(0.1)	
2.0	Total	(1.0)	

The G2 exhibits provided in this filing follow the same format as in previous rate filings or rate orders:

- a) Tab 2 exhibits provide a summary of the FACS results. They outline the allocation of the proposed revenue requirement, return on the allocated rate base and the revenue to cost ratio by rate class.
- b) Tab 3 exhibits functionalize rate base, working capital, net investment, and O&M costs into similar operating functions to facilitate identification of costs

that are associated with a distinct aspect of the Company. The functionalization of costs allows for consistent treatment of similar costs.

- c) Tab 4 exhibits classify the functionalized costs into categories that vary between rate classes by an identifiable factor or allocator. In this step the costs are classified to three general cost groups based on whether they vary with volumetric demands, peak demands, or other customer specific demands. The costs are further sub-classified within these three broad categories of classification when required.
- d) Tab 5 exhibits allocate the classified cost to each customer rate class based on allocation factors that are referenced on the exhibits.
- e) Tab 6 exhibits provide rate base, working capital and net investment functionalization factors, classify transportation and storage costs and gas costs to operations, and provide cost of service allocation factors and allocation percentages.
- f) Tab 7 exhibits provide functionalization and classification of costs for Tecumseh Gas. These costs are then used to charge back storage costs to Enbridge Gas Distribution's in-franchise customers and to derive ex-franchise storage rates.



**REVENUE COMPARISON - CURRENT METHODOLOGY vs PROPOSED METHODOLOGY BY RATE CLASS AND COMPONENT (\$000)**

ITEM NO.	RATE NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18
		REVENUE - EB-2017-0181 Q3 RATES				(SUFFICIENCY) / DEFICIENCY				REVENUE - EB-2017-0086 RATES									
		DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL	DISTRIBTN	TRANSPORT SALES & TSW	TRANSPORT DAWN	GAS SUPPLY LOAD BAL	GAS SUPPLY COMMODITY	TOTAL
1.	1	846,638	251,724	945	77,925	553,522	1,730,754	57,374	(497)	20	3,029	(638)	59,289	904,012	251,228	966	80,954	552,884	1,790,043
2.	6	375,716	196,456	10,208	72,983	377,237	1,032,601	26,562	(388)	221	3,033	(459)	28,969	402,279	196,069	10,429	76,016	376,778	1,061,570
3.	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	110	18,777	11,746	5,416	2,530	6,775	45,245	1,060	(23)	117	53	(8)	1,198	19,837	11,723	5,533	2,583	6,767	46,443
6.	115	6,914	613	4,128	627	0	12,282	389	(1)	89	10	0	487	7,303	611	4,218	637	0	12,769
7.	125	10,868	0	0	0	0	10,868	259	0	0	0	0	259	11,127	0	0	0	0	11,127
8.	135	1,263	1,023	452	(543)	539	2,735	49	(2)	10	(0)	(2)	55	1,312	1,021	462	(543)	538	2,790
9.	145	1,510	580	287	64	1,032	3,473	18	(1)	6	24	(1)	46	1,528	579	293	88	1,031	3,519
10.	170	2,797	2,303	1,955	(2,599)	4,147	8,604	171	(5)	42	15	(5)	218	2,968	2,299	1,997	(2,584)	4,142	8,822
11.	200	4,150	7,033	458	2,115	15,594	29,350	222	(14)	10	206	(19)	405	4,372	7,020	468	2,321	15,575	29,755
12.	300	55	0	0	0	0	55	1	0	0	0	0	1	56	0	0	0	0	56
13.	SUB-TOTAL	1,268,688	471,480	23,849	153,102	958,846	2,875,966	86,106	(930)	515	6,369	(1,132)	90,928	1,354,794	470,550	24,364	159,471	957,715	2,966,894
14.	STORAGE	1,771	0	0	0	0	1,771	82	0	0	0	0	82	1,853	0	0	0	0	1,853
15.	DPAC	1,423	0	0	0	0	1,423	0	0	0	0	0	0	1,423	0	0	0	0	1,423
16.	332	17,397	0	0	0	0	17,397	0	0	0	0	0	0	17,397	0	0	0	0	17,397
17.	TOTAL	1,289,279	471,480	23,849	153,102	958,846	2,896,556	86,188	(930)	515	6,369	(1,132)	91,011	1,375,467	470,550	24,364	159,471	957,715	2,987,567

Filed: 2017-11-29  
 EB-2017-0086  
 Draft Rate Order  
 Exhibit H2  
 Tab 1  
 Schedule 1  
 Page 1 of 2

PROPOSED VOLUMES AND REVENUE RECOVERY BY RATE CLASS (\$000)

ITEM NO.	RATE NO.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	GAS SUPPLY TRANSPORTATION SALES & WESTERN TS		Col. 6	Col. 7	Col. 8	GAS SUPPLY TRANSPORTATION DAWN TS		Col. 9	Col. 7	Col. 8	GAS SUPPLY LOAD BALANCING		Col. 10	Col. 11	Col. 12	Col. 13
		VOLUMES 10 <sup>3</sup> m <sup>3</sup>	DISTRIBUTION REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	VOLUMES 10 <sup>3</sup> m <sup>3</sup>	REVENUES \$000	UNIT RATE ¢/m <sup>3</sup>	TOTAL REVENUES \$000	
1.	1	4,754,988	904,012	19.01	4,639,312	251,228	5.42	82,881	966	1.17	4,754,988	80,954	1.70	4,588,367	552,884	12.05	1,790,043					
2.	6	4,829,793	402,279	8.33	3,620,715	196,069	5.42	895,132	10,429	1.17	4,829,793	76,016	1.57	3,121,350	376,778	12.07	1,061,570					
3.	9	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0					
4.	100	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0					
5.	110	789,036	19,837	2.51	216,486	11,723	5.42	474,890	5,533	1.17	789,036	2,583	0.33	56,322	6,767	12.01	46,443					
6.	115	542,831	7,303	1.35	11,292	611	5.42	362,012	4,218	1.17	542,831	637	0.12	0	0	0.00	12,769					
7.	125	0	11,127	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	11,127					
8.	135	64,501	1,312	2.03	18,862	1,021	5.42	39,641	462	1.17	64,501	(543)	(0.84)	4,473	538	12.02	2,790					
9.	145	50,136	1,528	3.05	10,692	579	5.42	25,167	293	1.17	50,136	88	0.18	8,575	1,031	12.02	3,519					
10.	170	291,152	2,968	1.02	42,446	2,299	5.42	171,438	1,997	1.17	291,152	(2,584)	(0.89)	34,475	4,142	12.01	8,822					
11.	200	169,764	4,372	2.58	129,627	7,020	5.42	40,137	468	0.00	169,764	2,321	1.37	129,627	15,575	12.01	29,755					
12.	300	0	56	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	56					
13	SUB-TOTAL	11,492,202	1,354,794	11.79	8,689,432	470,550	5.42	2,091,298	24,364	1.17	11,492,202	159,471	1.39	7,943,189	957,715	12.06	2,966,894					
14.	STORAGE	N/A	1,853	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,853					
15.	DPAC	N/A	1,423	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	1,423					
16.	332	N/A	17,397	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	17,397					
17.	TOTAL	11,492,202	1,375,467	11.79	8,689,432	470,550	5.42	2,091,298	24,364	1.17	11,492,202	159,471	1.39	7,943,189	957,715	12.06	2,987,567					

FISCAL YEAR REVENUE COMPARISON - CURRENT REVENUE vs PROPOSED REVENUE BY RATE CLASS

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Item No.	Rate No.	REVENUE - EB-2017-0181 Q3 RATES			REVENUE - EB-2017-0086 RATES			Total Difference (\$000)
		Revenue (\$000)	Unbilled Revenue (\$000)	Total (\$000)	Proposed Revenue (\$000)	Unbilled Revenue (\$000)	Total (\$000)	
1.	1	1,730,754	(316)	1,730,438	1,790,043	(546)	1,789,498	59,060
2.	6	1,032,601	(180)	1,032,421	1,061,570	(151)	1,061,419	28,999
3.	9	0	0	0	0	0	0	0
4.	100	0	0	0	0	0	0	0
5.	110	45,245	(44)	45,200	46,443	(40)	46,403	1,202
6.	115	12,282	38	12,320	12,769	39	12,808	489
7.	125	10,868	0	10,868	11,127	0	11,127	259
8.	135	2,735	2	2,736	2,790	2	2,792	55
9.	145	3,473	24	3,497	3,519	26	3,544	47
10.	170	8,604	10	8,613	8,822	11	8,833	220
11.	200	29,350	0	29,350	29,755	0	29,755	405
12.	300	55	0	55	56	0	56	1
13.	SUB-TOTAL	2,875,966	(467)	2,875,499	2,966,894	(659)	2,966,235	90,736
14.	STORAGE	1,771	0	1,771	1,853	0	1,853	82
15.	DPAC	1,423	0	1,423	1,423	0	1,423	0
16.	332	17,397	0	17,397	17,397	0	17,397	0
17.	TOTAL	2,896,556	(467)	2,896,090	2,987,567	(659)	2,986,908	90,818

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Item No.	Rate No.		Rate Block m <sup>3</sup>	EB-2017-0181 cents *	Rate Change cents *	EB-2017-0086 cents *
<b>RATE 1</b>						
1.01		Customer Charge		\$20.00	\$0.00	\$20.00
1.02		Delivery Charge	first 30	8.5279	1.3475	9.8754
1.03			next 55	7.9785	1.2607	9.2392
1.04			next 85	7.5482	1.1927	8.7410
1.05			over 170	7.2276	1.1420	8.3696
1.06		Gas Supply Load Balancing		1.6388	0.0637	1.7025
1.07		Gas Supply Transportation		5.4259	(0.0107)	5.4152
1.08		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
1.09		Gas Supply Commodity - System		12.0636	(0.0139)	12.0497
1.10		Gas Supply Commodity - Buy/Sell		12.0438	(0.0136)	12.0302
<b>RATE 6</b>						
2.01		Customer Charge		\$70.00	\$0.00	\$70.00
2.02		Delivery Charge	First 500	8.2513	0.9326	9.1840
2.03			Next 1050	6.3079	0.7130	7.0209
2.04			Next 4500	4.9470	0.5591	5.5061
2.05			Next 7000	4.0725	0.4603	4.5329
2.06			Next 15250	3.6841	0.4164	4.1005
2.07			Over 28300	3.5865	0.4054	3.9918
2.08		Gas Supply Load Balancing		1.5111	0.0628	1.5739
2.09		Gas Supply Transportation		5.4259	(0.0107)	5.4152
2.10		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
2.11		Gas Supply Commodity - System		12.0857	(0.0147)	12.0710
2.12		Gas Supply Commodity - Buy/Sell		12.0659	(0.0144)	12.0515
<b>RATE 9</b>						
3.01		Customer Charge		\$235.95	\$0.00	\$235.95
3.02		Delivery Charge	first 20000	10.9471	0.3284	11.2755
3.03			over 20000	10.2467	0.3074	10.5541
3.04		Gas Supply Load Balancing		0.0192	0.0006	0.0198
3.05		Gas Supply Transportation		5.4259	(0.0107)	5.4152
3.06		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
3.07		Gas Supply Commodity - System		12.0295	(0.0147)	12.0148
3.08		Gas Supply Commodity - Buy/Sell		12.0098	(0.0144)	11.9954
<b>RATE 100</b>						
4.01		Customer Charge		\$122.01	\$0.00	\$122.01
4.02		Demand Charge (Cents/Month/m <sup>3</sup> )		36.0000	0.0000	36.0000
4.03		Delivery Charge	first 14,000	0.1755	0.0041	0.1796
4.04			next 28,000	0.1755	0.0041	0.1796
4.05			over 42,000	0.1755	0.0041	0.1796
4.06		Gas Supply Load Balancing		1.5111	0.0628	1.5739
4.07		Gas Supply Transportation		5.4259	(0.0107)	5.4152
4.08		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
4.09		Gas Supply Commodity - System		12.0857	(0.0147)	12.0710
4.10		Gas Supply Commodity - Buy/Sell		12.0659	(0.0144)	12.0515
<b>RATE 110</b>						
5.01		Customer Charge		\$587.37	\$0.00	\$587.37
5.02		Demand Charge (Cents/Month/m <sup>3</sup> )		22.9100	0.0000	22.9100
5.03		Delivery Charge	first 1,000,000	0.7713	0.1344	0.9057
5.04			over 1,000,000	0.6213	0.1344	0.7557
5.05		Gas Supply Load Balancing		0.3207	0.0067	0.3274
5.06		Gas Supply Transportation		5.4259	(0.0107)	5.4152
5.07		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
5.08		Gas Supply Commodity - System		12.0295	(0.0146)	12.0149
5.09		Gas Supply Commodity - Buy/Sell		12.0098	(0.0144)	11.9954

NOTE : \* Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

Item No.	Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
			<u>Rate Block</u> m <sup>3</sup>	<u>EB-2017-0181</u> cents *	<u>Rate Change</u> cents *	<u>EB-2017-0086</u> cents *
<hr/>						
		RATE 115				
1.01		Customer Charge		\$622.62	\$0.00	\$622.62
1.02		Demand Charge (Cents/Month/m <sup>3</sup> )		24.3600	0.0000	24.3600
1.03		Delivery Charge	first 1,000,000	0.4000	0.0717	0.4717
1.04			over 1,000,000	0.3000	0.0717	0.3717
1.05		Gas Supply Load Balancing		0.1155	0.0019	0.1174
1.06		Gas Supply Transportation		5.4259	(0.0107)	5.4152
1.07		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
1.08		Gas Supply Commodity - System		12.0295	(0.0146)	12.0149
1.09		Gas Supply Commodity - Buy/Sell		12.0098	(0.0144)	11.9954
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		RATE 125				
2.01		Customer Charge		500.00	\$ -	\$ 500.00
2.02		Delivery Charge (Cents/Month/m <sup>3</sup> of Contract Dmnd)		9.7583	0.2330	9.9913
<hr/>						
		RATE 135	DEC - MAR			
3.00		Customer Charge		\$115.08	\$0.00	\$115.08
3.01		Delivery Charge	first 14,000	7.1243	0.0758	7.2001
3.02			next 28,000	5.9243	0.0758	6.0001
3.03			over 42,000	5.5243	0.0758	5.6001
3.04		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.05		Gas Supply Transportation		5.4259	(0.0107)	5.4152
3.06		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
3.07		Gas Supply Commodity - System		12.0558	(0.0339)	12.0219
3.08		Gas Supply Commodity - Buy/Sell		12.0361	(0.0337)	12.0024
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		RATE 135	APR - NOV			
3.09		Customer Charge		\$115.08	\$0.00	\$115.08
3.10		Delivery Charge	first 14,000	2.4243	0.0758	2.5001
3.11			next 28,000	1.7243	0.0758	1.8001
3.12			over 42,000	1.5243	0.0758	1.6001
3.13		Gas Supply Load Balancing		0.0000	0.0000	0.0000
3.14		Gas Supply Transportation		5.4259	(0.0107)	5.4152
3.15		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
3.16		Gas Supply Commodity - System		12.0558	(0.0339)	12.0219
3.17		Gas Supply Commodity - Buy/Sell		12.0361	(0.0337)	12.0024
<hr/>						
		RATE 145				
4.00		Customer Charge		\$123.34	\$0.00	\$123.34
4.01		Demand Charge (Cents/Month/m <sup>3</sup> )		8.2300	0.0000	8.2300
4.02		Delivery Charge	first 14,000	3.0063	0.0359	3.0423
4.03			next 28,000	1.6473	0.0359	1.6833
4.04			over 42,000	1.0883	0.0359	1.1243
4.05		Gas Supply Load Balancing		0.6760	0.0477	0.7237
4.06		Gas Supply Transportation		5.4259	(0.0107)	5.4152
4.07		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
4.08		Gas Supply Commodity - System		12.0334	(0.0148)	12.0186
4.09		Gas Supply Commodity - Buy/Sell		12.0137	(0.0146)	11.9991
<hr/>						
		RATE 170				
5.00		Customer Charge		\$279.31	\$0.00	\$279.31
5.01		Demand Charge (Cents/Month/m <sup>3</sup> )		4.0900	0.0000	4.0900
5.02		Delivery Charge	first 1,000,000	0.5373	0.0588	0.5962
5.03			over 1,000,000	0.3373	0.0588	0.3962
5.04		Gas Supply Load Balancing		0.3129	0.0050	0.3179
5.05		Gas Supply Transportation		5.4259	(0.0107)	5.4152
5.06		Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
5.07		Gas Supply Commodity - System		12.0295	(0.0146)	12.0149
5.08		Gas Supply Commodity - Buy/Sell		12.0098	(0.0144)	11.9954

NOTE : \* Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

Rate No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
		<u>Rate Block</u> m <sup>3</sup>	<u>EB-2017-0181</u> cents *	<u>Rate Change</u> cents *	<u>EB-2017-0086</u> cents *
RATE 200					
	Customer Charge		\$0.00	\$0.00	\$0.00
	Demand Charge (Cents/Month/m <sup>3</sup> )		14.7000	0.0000	14.7000
	Delivery Charge		1.1632	0.1308	1.2940
	Gas Supply Load Balancing		1.3498	0.1213	1.4711
	Gas Supply Transportation		5.4259	(0.0107)	5.4152
	Gas Supply Transportation Dawn		1.1404	0.0246	1.1650
	Gas Supply Commodity - System		12.0296	(0.0147)	12.0149
	Gas Supply Commodity - Buy/Sell		12.0098	(0.0144)	11.9954
RATE 300	FIRM SERVICE				
	Monthly Customer Charge		\$500.00	\$0.00	\$500.00
	Demand Charge (Cents/Month/m <sup>3</sup> )		26.4239	0.5285	26.9524
	INTERRUPTIBLE SERVICE				
	Minimum Delivery Charge (Cents/Month/m <sup>3</sup> )		0.3850	0.0092	0.3942
	Maximum Delivery Charge (Cents/Month/m <sup>3</sup> )		1.0425	0.0208	1.0633
RATE 315					
	Monthly Customer Charge		\$150.00	\$0.00	\$150.00
	Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0504	0.0040	0.0544
	Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		22.6256	1.1176	23.7432
	Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.3287	(0.0515)	0.2772
RATE 316					
	Monthly Customer Charge		\$150.00	\$0.00	\$150.00
	Space Demand Chg (Cents/Month/m <sup>3</sup> )		0.0504	0.0039	0.0544
	Deliverability/Injection Demand Chg (Cents/Month/m <sup>3</sup> )		5.2531	0.3961	5.6492
	Injection & Withdrawal Chg (Cents/Month/m <sup>3</sup> )		0.1037	0.0044	0.1081
RATE 320					
	Backstop	All Gas Sold	18.1056	0.0385	18.1442

\* Cents unless otherwise noted.

SUMMARY OF PROPOSED RATE CHANGE BY RATE CLASS (con't)

Item	Rate	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
<u>No.</u>	<u>No.</u>		<u>Rate Block</u> m <sup>3</sup>	<u>EB-2017-0181</u> cents *	<u>Change</u> cents *	<u>EB-2017-0086</u> cents *
RATE 325						
		Transmission & Compression				
1.00		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.2002	0.0104	0.2106
1.01		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		22.0216	1.1558	23.1774
1.02		Commodity Charge		0.9084	0.0181	0.9265
		Storage				
1.03		Demand Charge - ATV (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		0.1873	0.0127	0.2000
1.04		Demand Charge - Daily Wdrl. (\$/Month/10 <sup>3</sup> m <sup>3</sup> )		20.8192	1.4274	22.2466
1.05		Commodity Charge		0.1698	(0.0159)	0.1539
		(2) Note: These are UNBUNDLED Rates				
RATE 330						
		Storage Service - Firm				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.00		Minimum		0.3875	0.0231	0.4106
2.01		Maximum		1.9376	0.1154	2.0530
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.02		Minimum		42.8408	2.5832	45.4240
2.03		Maximum		214.2040	12.9160	227.1200
		Commodity Charge				
2.04		Minimum		1.0782	0.0022	1.0804
2.05		Maximum		5.3910	0.0110	5.4020
		Storage Service - Interruptible				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of ATV)				
2.06		Minimum		0.3875	0.0231	0.4106
2.07		Maximum		1.9375	0.1155	2.0530
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of Daily Withdrawal)				
2.08		Minimum		34.2727	2.0665	36.3392
2.09		Maximum		171.3632	10.3328	181.6960
		Commodity Charge				
2.10		Minimum		1.0782	0.0022	1.0804
2.11		Maximum		5.3910	0.0110	5.4020
		Storage Service - Off Peak				
		Commodity Charge				
2.12		Minimum		0.4216	(0.0159)	0.4082
2.13		Maximum		40.5412	2.1219	42.6631
RATE 331						
		Tecumseh Transmission Service				
		Firm				
		Demand Charge (\$/Month/10 <sup>3</sup> m <sup>3</sup> of				
3.00		Maximum Contracted Daily Delivery)		5.6430	0.0000	5.6430
		Interruptible				
3.01		Commodity Charge (\$/10 <sup>3</sup> m <sup>3</sup> of gas delivered)		0.2230	0.0000	0.2230

CALCULATION OF GAS SUPPLY CHARGES BY RATE CLASS.

Item	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
	TOTAL	RATE 1	RATE 6	RATE 9	RATE 100	RATE 110	RATE 115	RATE 135	RATE 145	RATE 170	RATE 200	REFERENCE
<b>DERIVATION OF GAS SUPPLY CHARGE</b>												
<b>GAS SUPPLY COSTS (\$000)</b>												
1.1 Annual Commodity	950,879	549,273	373,657	-	-	6,742	-	536	1,027	4,127	15,518	G2 T5 S3 1.1
1.2 Bad Debt Commodity	3,346	1,594	1,751	-	-	-	-	0	0	-	-	G2 T5 S3 1.2
1.3 System Gas Fee	1,548	894	608	-	-	11	-	1	2	7	25	G2 T5 S3 1.3
1.4 Return on Rate Base - Working Cash	1,940	1,121	762	-	-	14	-	1	2	8	32	G2 T5 S2 1.1
1 Total Commodity Costs	957,713	552,882	376,778	-	-	6,767	-	538	1,031	4,142	15,575	
<b>VOLUMES (103 m3)</b>												
2.1 System and Buy/Sell Volumes	7,943,189	4,588,367	3,121,350	-	-	56,322	-	4,473	8,575	34,475	129,627	
2.2 System Volumes	7,943,189	4,588,367	3,121,350	-	-	56,322	-	4,473	8,575	34,475	129,627	
<b>GAS SUPPLY CHARGE SYSTEM (¢/m<sup>3</sup>)</b>												
3.1 Annual Commodity	11,9710	11,9710	11,9710	-	-	11,9710	-	11,9710	11,9710	11,9710	11,9710	1.1 / 2.1
3.2 Bad Debt Commodity	0.0421	0.0347	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
3.3 System Gas Fee	0.0195	0.0195	0.0195	-	-	0.0195	-	0.0195	0.0195	0.0195	0.0195	1.3 / 2.2
3.4 Return on Rate Base - Working Cash	0.0244	0.0244	0.0244	-	-	0.0244	-	0.0244	0.0244	0.0244	0.0244	1.4 / 2.1
3 System Gas Supply Charge	12,0570	12,0497	12,0710	-	-	12,0149	12,0149	12,0219	12,0186	12,0149	12,0149	
<b>GAS SUPPLY CHARGE BUY/SELL (¢/m<sup>3</sup>)</b>												
4.1 Annual Commodity	11,9710	11,9710	11,9710	-	-	11,9710	-	11,9710	11,9710	11,9710	11,9710	1.1 / 2.1
4.2 Bad Debt Commodity	0.0421	0.0347	0.0561	-	-	-	-	0.0070	0.0036	-	-	1.2 / 2.1
4.3 Return on Rate Base - Working Cash	0.0244	0.0244	0.0244	-	-	0.0244	-	0.0244	0.0244	0.0244	0.0244	1.4 / 2.1
4 Buy/Sell Gas Supply Charge	12,0375	12,0302	12,0515	-	-	11,9954	11,9954	12,0024	11,9991	11,9954	11,9954	



[illegible]

**CALCULATION OF SEASONAL CREDIT FOR RATE 135, 145, 170 & 200**

		<b>Reference</b>
<b>RATE 135</b>		
Seasonal Credits Applicable to Rate 135	\$ (543)	H2T5S1 P5 line 2.3
Annual Volume (103 m3)	64,501	
Mean Daily Volume (103 m3)	177	
Annual Seasonal Credits	\$ (3.08)	
Payable from December to March	\$ (0.77)	
<b>RATE 145</b>		
Seasonal Credits Applicable to Rate 145	\$ (275)	H2T5S1 P6 line 2.3
Annual Volume (103 m3)	50,136	
Mean Daily Volume (103 m3)	137	
Annual Seasonal Credits		
16 Hours	\$ (2.00)	
Payable from December to March	\$ (0.50)	
Seasonal Credits Applicable to Rate 145		
16 Hours	\$ (275)	
<b>RATE 170</b>		
Seasonal Credits Applicable to Rate 170	\$ (3,510)	H2T5S1 P6 line 7.3
Annual Volume (103 m3)	291,152	
Mean Daily Volume (103 m3)	798	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	
<b>RATE 200</b>		
Seasonal Credits Applicable to Rate 200	\$ (177)	H2T5S1 P7 line 2.3
Annual Volume (103 m3)	14,672	
Mean Daily Volume (103 m3)	40	
Annual Seasonal Credits	\$ (4.40)	
Payable from December to March	\$ (1.10)	

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.		<u>Rate Block</u> m³	<u>Bills &amp; Volumes</u> 10³ m³	<u>EB-2017-0181</u>		<u>Rate Change</u> cents*	<u>EB-2017-0086</u>	
				<u>Rate</u> cents*	<u>Revenues</u> \$000		<u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 1</u></b>								
1.1	Customer Charge	Bills	24,180,918	\$20.00	483,618	\$0.00	\$20.00	483,618
1.2	Delivery Charge	first 30	683,750	8.5279	58,310	1.3475	9.8754	67,523
1.3		next 55	952,611	7.9785	76,004	1.2607	9.2392	88,014
1.4		next 85	1,062,306	7.5482	80,185	1.1927	8.7410	92,856
1.5		over 170	2,056,320	7.2276	148,622	1.1420	8.3696	172,106
1.	Total Distribution Charge		4,754,988		846,740			904,117
2.1	Gas Supply Load Balancing		4,754,988	1.6388	77,925	0.0637	1.7025	80,954
2.2	Gas Supply Transportation		4,639,312	5.4259	251,724	(0.0107)	5.4152	251,228
2.3	Gas Supply Transportation Dawn		82,881	1.1404	945	0.0246	1.1650	966
3.1	Gas Supply Commodity - System		4,588,367	12.0636	553,522	(0.0139)	12.0497	552,884
3.2	Gas Supply Commodity - Buy/Sell		0	12.0438	0	(0.0136)	12.0302	0
3.	Total Gas Supply Charge		4,588,367		553,522			552,884
4.1	TOTAL DISTRIBUTION		4,754,988		846,740			904,117
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,754,988		330,594			333,147
4.3	TOTAL GAS SUPPLY COMMODITY		4,588,367		553,522			552,884
4.	TOTAL RATE 1		4,754,988		1,730,856			1,790,149
5.	Adj. Factor	0.9999						
6.	ADJUSTED REVENUE				1,730,754			1,790,043
7.	REVENUE INC./(DEC.)							59,289

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
				EB-2017-0181			EB-2017-0086	
Item No.		<u>Rate Block</u> m³	<u>Bills &amp; Volumes</u> 10³ m³	<u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate Change</u> cents*	<u>Rate</u> cents*	<u>Revenues</u> \$000
RATE 6								
1.1	Customer Charge	Bills	2,010,770	\$70.00	140,754	\$0.00	\$70.00	140,754
1.2	Delivery Charge	First 500	553,027	8.2513	45,632	0.9326	9.1840	50,790
1.3		Next 1050	621,906	6.3079	39,229	0.7130	7.0209	43,663
1.4		Next 4500	1,100,368	4.9470	54,435	0.5591	5.5061	60,588
1.5		Next 7000	715,240	4.0725	29,128	0.4603	4.5329	32,421
1.6		Next 15250	649,905	3.6841	23,943	0.4164	4.1005	26,649
1.7		Over 28300	1,189,347	3.5865	42,655	0.4054	3.9918	47,477
1.	Total Distribution Charge		4,829,793		375,777			402,341
2.1	Gas Supply Load Balancing		4,829,793	1.5111	72,983	0.0628	1.5739	76,016
2.2	Gas Supply Transportation		3,620,715	5.4259	196,456	(0.0107)	5.4152	196,069
2.3	Gas Supply Transportation Dawn		895,132	1.1404	10,208	0.0246	1.1650	10,428
3.1	Gas Supply Commodity - System		3,121,350	12.0857	377,237	(0.0147)	12.0710	376,778
3.2	Gas Supply Commodity - Buy/Sell		0	12.0659	0	(0.0144)	12.0515	0
3.	Total Gas Supply Charge		3,121,350		377,237			376,778
4.1	TOTAL DISTRIBUTION		4,829,793		375,777			402,341
4.2	TOTAL GAS SUPPLY LOAD BALANCING		4,829,793		279,647			282,513
4.3	TOTAL GAS SUPPLY COMMODITY		3,121,350		377,237			376,778
4.	TOTAL RATE 6		4,829,793		1,032,662			1,061,633
5.	Adj. Factor	1.000						
6.	ADJUSTED REVENUE				1,032,601			1,061,571
7.	REVENUE INC./(DEC.)							28,969

NOTE \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	<u>Rate Block</u> m <sup>3</sup>	<u>Bills &amp; Volumes</u> 10 <sup>3</sup> m <sup>3</sup>	<u>EB-2017-0181</u> <u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate</u> <u>Change</u> cents*	<u>EB-2017-0086</u> <u>Rate</u> cents*	<u>Revenues</u> \$000
<b><u>RATE 9</u></b>							
1.1	Customer Charge	Bills	0	\$235.95	0	\$0.00	\$235.95
1.2	Delivery Charge	first 20000	0	10.9471	0	0.3284	11.2755
1.3		over 20000	0	10.2467	0	0.3074	10.5541
1.	Total Distribution Charge		0	0			0
2.1	Gas Supply Load Balancing		0	0.0192	0	0.0006	0.0198
2.2	Gas Supply Transportation		0	5.4259	0	(0.0107)	5.4152
2.3	Gas Supply Transportation Dawn		0	1.1404	0	0.0246	1.1650
3.1	Gas Supply Commodity - System		0	12.0295	0	(0.0147)	12.0148
3.2	Gas Supply Commodity - Buy/Sell		0	12.0098	0	(0.0144)	11.9954
3.	Total Gas Supply Charge		0	0			0
4.1	TOTAL DISTRIBUTION		0	0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0	0			0
4.3	TOTAL GAS SUPPLY COMMODITY		0	0			0
4	TOTAL RATE 9		0	0			0
5.	REVENUE INC./(DEC.)						0
<b><u>RATE 100</u></b>							
	<u>Rate Block</u> m <sup>3</sup>	<u>Contracts &amp; Volumes</u> 10 <sup>3</sup> m <sup>3</sup>	<u>EB-2017-0181</u> <u>Rate</u> cents*	<u>Revenues</u> \$000	<u>Rate</u> <u>Change</u> cents*	<u>EB-2017-0086</u> <u>Rate</u> cents*	<u>Revenues</u> \$000
1.1	Customer Charge	Contracts	0	\$122.01	0	\$0.00	\$122.01
1.2	Demand Charge		0	\$36.00	0	-	36.00
1.3	Delivery Charge	first 14,000	0	0.1755	0	0.0041	0.1796
1.4		next 28,000	0	0.1755	0	0.0041	0.1796
1.5		over 42,000	0	0.1755	0	0.0041	0.1796
1	Total Distribution Charge		0	0			0
2.1	Gas Supply Load Balancing		0	1.5111	0	0.0628	1.5739
2.2	Gas Supply Transportation		0	5.4259	0	(0.0107)	5.4152
2.3	Gas Supply Transportation Dawn		0	1.1404	0	0.0246	1.1650
3.1	Gas Supply Commodity - System		0	12.0857	0	(0.0147)	12.0710
3.2	Gas Supply Commodity - Buy/Sell		0	12.0659	0	(0.0144)	12.0515
3	Total Gas Supply Charge		0	0			0
4.1	TOTAL DISTRIBUTION		0	0			0
4.2	TOTAL GAS SUPPLY LOAD BALANCING		0	0			0
4.3	TOTAL GAS SUPPLY COMMODITY		0	0			0
4	TOTAL RATE 100		0	0			0
5	REVENUE INC./(DEC.)						0

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	Rate Block m³	Contracts & Volumes 10³ m³	EB-2017-0181 Rate cents*	Revenues \$000	Rate Change cents*	EB-2017-0086 Rate cents*	Revenues \$000	
RATE 110								
1.1	Customer Charge	Contracts	3,180	\$587.37	1,868	\$0.00	\$587.37	1,868
1.2	Demand Charge		48,218	22.9100	11,047	0.0000	22.9100	11,047
1.3	Delivery Charge	first 1,000,000	639,885	0.7713	4,936	0.1344	0.9057	5,795
1.4		over 1,000,000	149,151	0.6213	927	0.1344	0.7557	1,127
1.	Total Distribution Charge		789,036		18,777			19,837
2.1	Load Balancing Commodity		789,036	0.3207	2,530	0.0067	0.3274	2,583
2.2	Gas Supply Transportation		216,486	5.4259	11,746	(0.0107)	5.4152	11,723
2.3	Gas Supply Transportation Dawn		474,890	1.1404	5,416	0.0246	1.1650	5,532
2.	Total Gas Supply Load Balancing				19,692			19,839
3.1	Gas Supply Commodity - System		56,322	12.0295	6,775	(0.0146)	12.0149	6,767
3.2	Gas Supply Commodity - Buy/Sell		0	12.0098	0	(0.0144)	11.9954	0
3.	Total Gas Supply Charge		56,322		6,775			6,767
4.1	TOTAL DISTRIBUTION		789,036		18,777			19,837
4.2	TOTAL GAS SUPPLY LOAD BALANCING		789,036		19,692			19,839
4.3	TOTAL GAS SUPPLY COMMODITY		56,322		6,775			6,767
4.	TOTAL RATE 110		789,036		45,245			46,443
5.	REVENUE INC./(DEC.)							1,198
	Rate Block m³	Contracts & Volumes 10³ m³	EB-2017-0181 Rate cents*	Revenues \$000	Rate Change cents*	EB-2017-0086 Rate cents*	Revenues \$000	
RATE 115								
6.6	Customer Charge	Contracts	324	\$622.62	202	\$0.00	\$622.62	202
6.2	Demand Charge		20,166	24.3600	4,912	0.0000	24.3600	4,912
6.3	Delivery Charge	first 1,000,000	170,833	0.4000	683	0.0717	0.4717	806
6.4		over 1,000,000	371,998	0.3000	1,116	0.0717	0.3717	1,383
6	Total Distribution Charge		542,831		6,914			7,303
7.1	Load Balancing Commodity		542,831	0.1155	627	0.0019	0.1174	637
7.2	Gas Supply Transportation		11,292	5.4259	613	(0.0107)	5.4152	611
7.3	Gas Supply Transportation Dawn		362,012	1.1404	4,128	0.0246	1.1650	4,217
7	Total Gas Supply Load Balancing				5,368			5,466
8.1	Gas Supply Commodity - System		0	12.0295	0	(0.0146)	12.0149	0
8.2	Gas Supply Commodity - Buy/Sell		0	12.0098	0	(0.0144)	11.9954	0
8.	Total Gas Supply Charge		0		0			0
9.1	TOTAL DISTRIBUTION		542,831		6,914			7,303
9.2	TOTAL GAS SUPPLY LOAD BALANCING		542,831		5,368			5,466
9.3	TOTAL GAS SUPPLY COMMODITY		0		0			0
9.	TOTAL RATE 115		542,831		12,282			12,769
10.	REVENUE INC./(DEC.)							488

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	
Item No.	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0181 Rate cents*      Revenues \$000		Rate Change cents*	EB-2017-0086 Rate cents*      Revenues \$000		
RATE 125								
1.1	Customer Charge	48	\$ 500.00	24	\$ -	\$ 500.00	24	
1.2	Demand Charge	111,124	9.7583	10,844	0.2330	9.9913	11,103	
1.	Total Distribution Charge	111,124		10,868			11,127	
2.	REVENUE INC./(DEC.)						259	
Item No.	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0181 Rate cents*      Revenues \$000		Rate Change cents*	EB-2017-0086 Rate cents*      Revenues \$000		
RATE 135								
DEC to MAR								
1.1	Customer Charge	Contracts 172	\$115.08	20	\$0.00	\$115.08	20	
1.2	Delivery Charge	first 14,000	664	7.1243	47	0.0758	7.2001	48
1.3		next 28,000	1,026	5.9243	61	0.0758	6.0001	62
1.4		over 42,000	2,010	5.5243	111	0.0758	5.6001	113
1.	Total Distribution Charge	3,701		239			242	
2.1	Gas Supply Load Balancing	3,701	0.0000	0	0.0000	0.0000	0	
2.2	Gas Supply Transportation	862	5.4259	47	(0.0107)	5.4152	47	
2.3	Gas Supply Transportation Dawn	2,307	1.1404	26	0.0246	1.1650	27	
2.4	Seasonal Credit			(543)			(543)	
3.1	Gas Supply Commodity - System	125	12.0558	15	(0.0339)	12.0219	15	
3.2	Gas Supply Commodity - Buy/Sell	0	12.0361	0	(0.0337)	12.0024	0	
3.	Total Gas Supply Charge	125		15			15	
4.	SUB-TOTAL WINTER			-216			-213	
APR to NOV								
5.1	Customer Charge	Contracts 344	\$115.08	40	\$0.00	\$115.08	40	
5.2	Delivery Charge	first 14,000	4,514	2.4243	109	0.0758	2.5001	113
5.3		next 28,000	8,724	1.7243	150	0.0758	1.8001	157
5.4		over 42,000	47,562	1.5243	725	0.0758	1.6001	761
5.	Total Distribution Charge	60,801		1,024			1,071	
6.1	Gas Supply Load Balancing	60,801	0.0000	0	0.0000	0.0000	0	
6.2	Gas Supply Transportation	18,001	5.4259	977	(0.0107)	5.4152	975	
6.3	Gas Supply Transportation Dawn	37,333	1.1404	426	0.0246	1.1650	435	
7.1	Gas Supply Commodity - System	4,349	12.0558	524	(0.0339)	12.0219	523	
7.2	Gas Supply Commodity - Buy/Sell	0	12.0361	0	(0.0337)	12.0024	0	
7.	Total Gas Supply Charge	4,349		524			523	
8.	SUB-TOTAL SUMMER			2,951			3,003	
9.1	TOTAL DISTRIBUTION		64,501	1,263			1,312	
9.2	TOTAL GAS SUPPLY LOAD BALANCING		64,501	932			940	
9.3	TOTAL GAS SUPPLY COMMODITY		4,473	539			538	
9.	TOTAL RATE 135		64,501	2,735			2,790	
10.	REVENUE INC./(DEC.)						55	

NOTE: \* Cents unless otherwise noted.

DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

Item No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0181 Rate cents*	Revenues \$000	Rate Change cents*	EB-2017-0086 Rate cents*	Revenues \$000
<b><u>RATE 145</u></b>							
1.1	Customer Charge	Contracts	432	\$123.34	53	\$0.00	\$123.34
1.2	Demand Charge		9,242	8.2300	761	-	8.2300
1.2	Delivery Charge	first 14,000	5,143	3.0063	155	0.0359	3.0423
1.3		next 28,000	9,200	1.6473	152	0.0359	1.6833
1.4		over 42,000	35,793	1.0883	390	0.0359	1.1243
1.	Total Distribution Charge		50,136		1,510		1,528
2.1	Gas Supply Load Balancing		50,136	0.6760	339	0.0477	0.7237
2.2	Gas Supply Transportation		10,692	5.4259	580	(0.0107)	5.4152
2.3	Gas Supply Transportation Dawn		25,167	1.1404	287	0.0246	1.1650
2.4	Curtailment Credit				(275)		(275)
3.1	Gas Supply Commodity - System		8,575	12.0334	1,032	(0.0148)	12.0186
3.2	Gas Supply Commodity - Buy/Sell		0	12.0137	0	(0.0146)	11.9991
3.	Total Gas Supply Charge		8,575		1,032		1,031
4.1	TOTAL DISTRIBUTION		50,136		1,510		1,528
4.2	TOTAL GAS SUPPLY LOAD BALANCING		50,136		931		960
4.3	TOTAL GAS SUPPLY COMMODITY		8,575		1,032		1,031
4.	TOTAL RATE 145		<u>50,136</u>		<u>3,473</u>		<u>3,519</u>
5.	REVENUE INC./(DEC.)						<b>47</b>
<b><u>RATE 170</u></b>							
6.6	Customer Charge	Contracts	300	\$279.31	84	\$0.00	\$279.31
6.2	Demand Charge		32,846	4.0900	1,343	0.0000	4.0900
6.3	Delivery Charge	first 1,000,000	193,825	0.5373	1,042	0.0588	0.5962
6.4		over 1,000,000	97,328	0.3373	328	0.0588	0.3962
6	Total Distribution Charge		291,152		2,797		2,968
7.1	Gas Supply Load Balancing		291,152	0.3129	911	0.0050	0.3179
7.2	Gas Supply Transportation		42,446	5.4259	2,303	(0.0107)	5.4152
7.3	Gas Supply Transportation Dawn		171,438	1.1404	1,955	0.0246	1.1650
7.4	Curtailment Credit				(3,510)		(3,510)
8.1	Gas Supply Commodity - System		34,475	12.0295	4,147	(0.0146)	12.0149
8.2	Gas Supply Commodity - Buy/Sell		0	12.0098	0	(0.0144)	11.9954
8.	Total Gas Supply Charge		34,475		4,147		4,142
9.1	TOTAL DISTRIBUTION		291,152		2,797		2,968
9.2	TOTAL GAS SUPPLY LOAD BALANCING		291,152		1,659		1,712
9.3	TOTAL GAS SUPPLY COMMODITY		34,475		4,147		4,142
9.	TOTAL RATE 170		<u>291,152</u>		<u>8,604</u>		<u>8,822</u>
10.	REVENUE INC./(DEC.)						<b>218</b>

NOTE: \* Cents unless otherwise noted.



DETAILED REVENUE CALCULATION

EB-2017-0181 vs EB-2017-0086

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
Item No.	Rate Block m <sup>3</sup>	Contracts & Volumes 10 <sup>3</sup> m <sup>3</sup>	EB-2017-0181 Rate cents*	Revenues \$000	Rate Change cents*	EB-2017-0086 Rate cents*	Revenues \$000
<b><u>RATE 200</u></b>							
1.1	Customer Charge	Contracts	12	\$0.00	0	\$0.00	0
1.2	Demand Charge		14,801	14.7000	2,176	0.0000	14.7000
1.3	Delivery Charge		169,764	1.1632	1,975	0.1308	1.2940
1.	Total Distribution Charge		169,764		4,150		4,372
2.1	Gas Supply Load Balancing		169,764	1.3498	2,291	0.1213	1.4711
2.2	Gas Supply Transportation		129,627	5.4259	7,033	(0.0107)	5.4152
2.3	Gas Supply Transportation Dawn		40,137	1.1404	458	0.0246	1.1650
2.4	Curtailment Credit				(177)		(177)
3.1	Gas Supply Commodity - System		129,627	12.0296	15,594	(0.0147)	12.0149
3.2	Gas Supply Commodity - Buy/Sell		0	12.0098	0	(0.0144)	11.9954
3.	Total Gas Supply Charge		129,627		15,594		15,575
4.1	TOTAL DISTRIBUTION		169,764		4,150		4,372
4.2	TOTAL GAS SUPPLY LOAD BALANCIN		169,764		9,606		9,808
4.3	TOTAL GAS SUPPLY COMMODITY		129,627		15,594		15,575
4.	TOTAL RATE 200		<u>169,764</u>		<u>29,350</u>		<u>29,755</u>
5.	REVENUE INC./(DEC.)						<b>405</b>
<b><u>RATE 300</u></b>							
<b><u>Firm</u></b>							
	Customer Charge		12	\$500.00	6	0.0000	\$500.00
	Demand Charge		187	26.4239	49	0.5285	26.9524
<b><u>Interruptible</u></b>							
	Minimum Delivery Charge		0	0.3850	0	0.0092	0.3942
	Maximum Delivery Charge		0	1.0425	0	0.0208	1.0633
8.	TOTAL RATE 300		<u>0</u>		<u>55</u>		<u>56</u>
9.	REVENUE INC./(DEC.)						<b>1</b>

NOTE \* Cents unless otherwise noted.

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Heating & Water Htg.							Heating, Water Htg. & Other Uses			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	269.92	233.09	36.83	15.8%	406.82	351.34	55.48	15.8%
1.4	LOAD BALANCING	\$	218.09	216.48	1.61	0.7%	333.89	331.41	2.48	0.7%
1.5	SALES COMMDTY	\$	369.20	369.63	(0.43)	-0.1%	565.25	565.89	(0.64)	-0.1%
1.6	TOTAL SALES	\$	1,097.21	1,059.20	38.01	3.6%	1,545.96	1,488.64	57.32	3.9%
1.7	TOTAL T-SERVICE	\$	728.01	689.57	38.44	5.6%	980.71	922.75	57.96	6.3%
1.8	SALES UNIT RATE	\$/m³	0.3581	0.3457	0.0124	3.6%	0.3296	0.3173	0.0122	3.9%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2376	0.2251	0.0125	5.6%	0.2091	0.1967	0.0124	6.3%
1.10	SALES UNIT RATE	\$/GJ	9.321	8.998	0.3229	3.6%	8.578	8.260	0.3180	3.9%
1.11	T-SERVICE UNIT RATE	\$/GJ	6.184	5.858	0.3265	5.6%	5.441	5.120	0.3216	6.3%
1.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(34.55)	34.55		0.00	(52.90)	52.90	
1.13	TOTAL SALES WITH SRC REFUND	\$	1,097.21	1,024.65	72.56	7.1%	1,545.96	1,435.74	110.22	7.7%
1.14	TOTAL T-SERVICE WITH SRC REFUND	\$	728.01	655.02	72.99	11.1%	980.71	869.85	110.86	12.7%
Heating Only							Heating & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	173.13	149.50	23.63	15.8%	180.19	155.60	24.59	15.8%
2.4	LOAD BALANCING	\$	139.15	138.11	1.04	0.8%	142.70	141.63	1.07	0.8%
2.5	SALES COMMDTY	\$	235.58	235.84	(0.26)	-0.1%	241.59	241.86	(0.27)	-0.1%
2.6	TOTAL SALES	\$	787.86	763.45	24.41	3.2%	804.48	779.09	25.39	3.3%
2.7	TOTAL T-SERVICE	\$	552.28	527.61	24.67	4.7%	562.89	537.23	25.66	4.8%
2.8	SALES UNIT RATE	\$/m³	0.4030	0.3905	0.0125	3.2%	0.4012	0.3886	0.0127	3.3%
2.9	T-SERVICE UNIT RATE	\$/m³	0.2825	0.2699	0.0126	4.7%	0.2807	0.2679	0.0128	4.8%
2.10	SALES UNIT RATE	\$/GJ	10.489	10.164	0.3250	3.2%	10.443	10.114	0.3296	3.3%
2.11	T-SERVICE UNIT RATE	\$/GJ	7.353	7.024	0.3284	4.7%	7.307	6.974	0.3331	4.8%
2.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(22.05)	22.05		0.00	(22.61)	22.61	
2.13	TOTAL SALES WITH SRC REFUND	\$	787.86	741.40	46.46	6.3%	804.48	756.48	48.00	6.3%
2.14	TOTAL T-SERVICE WITH SRC REFUND	\$	552.28	505.56	46.72	9.2%	562.89	514.62	48.27	9.4%

\$ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8	
Heating, Pool Htg. & Other Uses							General & Water Htg.					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
3.1	VOLUME	m³	5,048	5,048	0	0.0%		1,081	1,081	0	0.0%	
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%	
3.3	DISTRIBUTION CHG.	\$	437.50	377.85	59.65	15.8%		101.76	87.84	13.92	15.8%	
3.4	LOAD BALANCING	\$ \$	359.31	356.63	2.68	0.8%		76.94	76.38	0.56	0.7%	
3.5	SALES COMMDTY	\$	608.28	608.97	(0.69)	-0.1%		130.27	130.42	(0.15)	-0.1%	
3.6	TOTAL SALES	\$	1,645.09	1,583.45	61.64	3.9%		548.97	534.64	14.33	2.7%	
3.7	TOTAL T-SERVICE	\$	1,036.81	974.48	62.33	6.4%		418.70	404.22	14.48	3.6%	
3.8	SALES UNIT RATE	\$/m³	0.3259	0.3137	0.0122	3.9%		0.5078	0.4946	0.0133	2.7%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.2054	0.1930	0.0123	6.4%		0.3873	0.3739	0.0134	3.6%	
3.10	SALES UNIT RATE	\$/GJ	8.647	8.323	0.3240	3.9%		13.474	13.122	0.3517	2.7%	
3.11	T-SERVICE UNIT RATE	\$/GJ	5.449	5.122	0.3276	6.4%		10.277	9.921	0.3554	3.6%	
3.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(56.93)	56.93			0.00	(12.19)	12.19		
3.13	TOTAL SALES WITH SRC REFUND	\$	1,645.09	1,526.52	118.57	7.8%		548.97	522.45	26.52	5.1%	
3.14	TOTAL T-SERVICE WITH SRC REFUND	\$	1,036.81	917.55	119.26	13.0%		418.70	392.03	26.67	6.8%	
Heating & Water Htg.							Heating & Water Htg.					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
3.1	VOLUME	m³	2,480	2,480	0	0.0%		2,400	2,400	0	0.0%	
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%	
3.3	DISTRIBUTION CHG.	\$	220.41	190.32	30.09	15.8%		213.34	184.23	29.11	15.8%	
3.4	LOAD BALANCING	\$ \$	176.50	175.20	1.30	0.7%		170.83	169.53	1.30	0.8%	
3.5	SALES COMMDTY	\$	298.82	299.18	(0.36)	-0.1%		289.22	289.53	(0.31)	-0.1%	
3.6	TOTAL SALES	\$	935.73	904.70	31.03	3.4%		913.39	883.29	30.10	3.4%	
3.7	TOTAL T-SERVICE	\$	636.91	605.52	31.39	5.2%		624.17	593.76	30.41	5.1%	
3.8	SALES UNIT RATE	\$/m³	0.3773	0.3648	0.0125	3.4%		0.3806	0.3680	0.0125	3.4%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.2568	0.2442	0.0127	5.2%		0.2601	0.2474	0.0127	5.1%	
3.10	SALES UNIT RATE	\$/GJ	10.011	9.679	0.3320	3.4%		10.098	9.765	0.3328	3.4%	
3.11	T-SERVICE UNIT RATE	\$/GJ	6.814	6.478	0.3358	5.2%		6.900	6.564	0.3362	5.1%	
3.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(27.97)	27.97			-	(27.07)	27.07		
3.13	TOTAL SALES WITH SRC REFUND	\$	935.73	876.73	59.00	6.7%		913.39	856.22	57.17	6.7%	
3.14	TOTAL T-SERVICE WITH SRC REFUND	\$	636.91	577.55	59.36	10.3%		624.17	566.69	57.48	10.1%	

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,571.20	1,411.63	159.57	11.3%	2,015.93	1,811.21	204.72	11.3%
1.4	LOAD BALANCING	\$	1,579.96	1,568.20	11.76	0.7%	2,046.28	2,031.01	15.27	0.8%
1.5	SALES COMMDTY	\$	2,728.76	2,732.09	(3.33)	-0.1%	3,534.15	3,538.46	(4.31)	-0.1%
1.6	TOTAL SALES	\$	6,719.92	6,551.92	168.00	2.6%	8,436.36	8,220.68	215.68	2.6%
1.7	TOTAL T-SERVICE	\$	3,991.16	3,819.83	171.33	4.5%	4,902.21	4,682.22	219.99	4.7%
1.8	SALES UNIT RATE	\$/m³	0.2973	0.2898	0.0074	2.6%	0.2881	0.2808	0.0074	2.6%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1766	0.1690	0.0076	4.5%	0.1674	0.1599	0.0075	4.7%
1.10	SALES UNIT RATE	\$/GJ	7.737	7.544	0.1934	2.6%	7.500	7.308	0.1917	2.6%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.595	4.398	0.1973	4.5%	4.358	4.162	0.1956	4.7%
1.12	SITE RESTORATION CLEARANCE REFUND		0.00	(89.86)	89.86		0.00	(116.38)	116.38	
1.13	TOTAL SALES WITH SRC REFUND		6,719.92	6,462.06	257.86	4.0%	8,436.36	8,104.30	332.06	4.1%
1.14	TOTAL T-SERVICE WITH SRC REFUND		3,991.16	3,729.97	261.19	7.0%	4,902.21	4,565.84	336.37	7.4%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,461.36	7,602.00	859.36	11.3%	15,492.12	13,918.75	1,573.37	11.3%
2.4	LOAD BALANCING	\$	11,850.93	11,762.58	88.35	0.8%	23,701.79	23,525.11	176.68	0.8%
2.5	SALES COMMDTY	\$	20,467.95	20,492.88	(24.93)	-0.1%	40,935.79	40,985.63	(49.84)	-0.1%
2.6	TOTAL SALES	\$	41,620.24	40,697.46	922.78	2.3%	80,969.70	79,269.49	1,700.21	2.1%
2.7	TOTAL T-SERVICE	\$	21,152.29	20,204.58	947.71	4.7%	40,033.91	38,283.86	1,750.05	4.6%
2.8	SALES UNIT RATE	\$/m³	0.2455	0.2400	0.0054	2.3%	0.2388	0.2337	0.0050	2.1%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1247	0.1192	0.0056	4.7%	0.1181	0.1129	0.0052	4.6%
2.10	SALES UNIT RATE	\$/GJ	6.389	6.247	0.1416	2.3%	6.214	6.084	0.1305	2.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.247	3.101	0.1455	4.7%	3.073	2.938	0.1343	4.6%
2.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(674.00)	674.00		0.00	(1,348.00)	1,348.00	
2.13	TOTAL SALES WITH SRC REFUND	\$	41,620.24	40,023.46	1,596.78	4.0%	80,969.70	77,921.49	3,048.21	3.9%
2.14	TOTAL T-SERVICE WITH SRC REFUND	\$	21,152.29	19,530.58	1,621.71	8.3%	40,033.91	36,935.86	3,098.05	8.4%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

Item No.		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
<b>Industrial General Use</b>					<b>Industrial Heating &amp; Other Uses</b>				
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
				(A) - (B)				(A) - (B)	
3.1	VOLUME	m <sup>3</sup>	43,285	43,285	0	63,903	63,903	0	0.0%
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	840.00	840.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	2,785.53	2,502.62	282.91	3,735.94	3,356.53	379.41	11.3%
3.4	LOAD BALANCING	\$	3,025.23	3,002.68	22.55	4,466.24	4,432.95	33.29	0.8%
3.5	SALES COMMDTY	\$	5,224.93	5,231.30	(6.37)	7,713.72	7,723.12	(9.40)	-0.1%
3.6	TOTAL SALES	\$	11,875.69	11,576.60	299.09	16,755.90	16,352.60	403.30	2.5%
3.7	TOTAL T-SERVICE	\$	6,650.76	6,345.30	305.46	9,042.18	8,629.48	412.70	4.8%
3.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2744	0.2675	0.0069	0.2622	0.2559	0.0063	2.5%
3.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1537	0.1466	0.0071	0.1415	0.1350	0.0065	4.8%
3.10	SALES UNIT RATE	\$/GJ	7.141	6.961	0.1798	6.825	6.661	0.1643	2.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	3.999	3.816	0.1837	3.683	3.515	0.1681	4.8%
3.12	SITE RESTORATION CLEARANCE RE	\$/m <sup>3</sup>	0.00	(172.05)	172.05	0.00	(254.01)	254.01	
3.13	TOTAL SALES WITH SRC REFUND	\$	11,875.69	11,404.55	471.14	16,755.90	16,098.59	657.31	4.1%
3.14	TOTAL T-SERVICE WITH SRC REFUN	\$	6,650.76	6,173.25	477.51	9,042.18	8,375.47	666.71	8.0%
<b>Medium Industrial Customer</b>					<b>Large Industrial Customer</b>				
		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>		<b>(A)</b>	<b>(B)</b>	<b>CHANGE</b>	
				(A) - (B)				(A) - (B)	
4.1	VOLUME	m <sup>3</sup>	169,563	169,563	0	339,124	339,124	0	0.0%
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	840.00	840.00	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	8,664.81	7,784.83	879.98	15,643.55	14,054.83	1,588.72	11.3%
4.4	LOAD BALANCING	\$	11,850.91	11,762.60	88.31	23,701.71	23,525.04	176.67	0.8%
4.5	SALES COMMDTY	\$	20,467.94	20,492.86	(24.92)	40,935.66	40,985.51	(49.85)	-0.1%
4.6	TOTAL SALES	\$	41,823.66	40,880.29	943.37	81,120.92	79,405.38	1,715.54	2.2%
4.7	TOTAL T-SERVICE	\$	21,355.72	20,387.43	968.29	40,185.26	38,419.87	1,765.39	4.6%
4.8	SALES UNIT RATE	\$/m <sup>3</sup>	0.2467	0.2411	0.0056	0.2392	0.2341	0.0051	2.2%
4.9	T-SERVICE UNIT RATE	\$/m <sup>3</sup>	0.1259	0.1202	0.0057	0.1185	0.1133	0.0052	4.6%
4.10	SALES UNIT RATE	\$/GJ	6.420	6.275	0.1448	6.226	6.094	0.1317	2.2%
4.11	T-SERVICE UNIT RATE	\$/GJ	3.278	3.129	0.1486	3.084	2.949	0.1355	4.6%
4.12	SITE RESTORATION CLEARANCE RE	\$/m <sup>3</sup>	0.00	(674.00)	674.00	0.00	(1,347.99)	1,347.99	
4.13	TOTAL SALES WITH SRC REFUND	\$	41,823.66	40,206.29	1,617.37	81,120.92	78,057.39	3,063.53	3.9%
4.14	TOTAL T-SERVICE WITH SRC REFUN	\$	21,355.72	19,713.43	1,642.29	40,185.26	37,071.88	3,113.38	8.4%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 100 - Small Commercial Firm						Rate 100 - Average Commercial Firm				
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%	1,464.12	1,464.12	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	13,539.07	13,525.10	13.97	0.1%	65,875.27	65,850.61	24.66	0.0%
1.4	LOAD BALANCING	\$	23,706.19	23,529.48	176.71	0.8%	41,834.46	41,522.58	311.88	0.8%
1.5	SALES COMMDTY	\$	40,943.39	40,993.25	(49.86)	-0.1%	72,253.03	72,341.01	(87.98)	-0.1%
1.6	TOTAL SALES	\$	79,652.77	79,511.95	140.82	0.2%	181,426.88	181,178.32	248.56	0.1%
1.7	TOTAL T-SERVICE	\$	38,709.38	38,518.70	190.68	0.5%	109,173.85	108,837.31	336.54	0.3%
1.8	SALES UNIT RATE	\$/m³	0.2348	0.2344	0.0004	0.2%	0.3031	0.3027	0.0004	0.1%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1141	0.1136	0.0006	0.5%	0.1824	0.1818	0.0006	0.3%
1.10	SALES UNIT RATE	\$/GJ	6.112	6.101	0.0108	0.2%	7.889	7.878	0.0108	0.1%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.970	2.956	0.0146	0.5%	4.747	4.733	0.0146	0.3%
1.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(1,348.25)	1,348.25		0.00	(2,379.26)	2,379.26	
1.13	TOTAL SALES WITH SRC REFUND	\$	79,652.77	78,163.70	1,489.07	1.9%	181,426.88	178,799.06	2,627.82	1.5%
1.14	TOTAL T-SERVICE WITH SRC REFUND	\$	38,709.38	37,170.45	1,538.93	4.1%	109,173.85	106,458.05	2,715.80	2.6%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464.12	1,464.12	0.00	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,294.58	132,232.90	61.68	0.0%				
2.4	LOAD BALANCING	\$	104,836.49	104,055.00	781.49	0.8%				
2.5	SALES COMMDTY	\$	181,065.00	181,285.52	(220.52)	-0.1%				
2.6	TOTAL SALES	\$	419,660.19	419,037.54	622.65	0.1%				
2.7	TOTAL T-SERVICE	\$	238,595.19	237,752.02	843.17	0.4%				
2.8	SALES UNIT RATE	\$/m³	0.2798	0.2794	0.0004	0.1%				
2.9	T-SERVICE UNIT RATE	\$/m³	0.1591	0.1585	0.0006	0.4%				
2.10	SALES UNIT RATE	\$/GJ	7.282	7.271	0.0108	0.1%				
2.11	T-SERVICE UNIT RATE	\$/GJ	4.140	4.125	0.0146	0.4%				
2.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(5,962.39)	5,962.39					
2.13	TOTAL SALES WITH SRC REFUND	\$	419,660.19	413,075.15	6,585.04	1.6%				
2.14	TOTAL T-SERVICE WITH SRC REFUND	\$	238,595.19	231,789.63	6,805.56	2.9%				

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
3.1	VOLUME	m³	339,188	339,188	0	0.0%	598,568	598,568	0	0.0%
3.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	10,585.55	10,463.67	121.88	1.2%	15,619.23	15,404.15	215.08	1.4%
3.4	LOAD BALANCING	\$	18,961.92	18,836.43	125.49	0.7%	33,462.65	33,241.19	221.46	0.7%
3.5	SALES COMMDTY	\$	40,765.65	40,815.84	(50.19)	-0.1%	71,939.49	72,028.08	(88.59)	-0.1%
3.6	TOTAL SALES	\$	71,793.20	71,596.02	197.18	0.3%	122,501.45	122,153.50	347.95	0.3%
3.7	TOTAL T-SERVICE	\$	31,027.55	30,780.18	247.37	0.8%	50,561.96	50,125.42	436.54	0.9%
3.8	SALES UNIT RATE	\$/m³	0.2117	0.2111	0.0006	0.3%	0.2047	0.2041	0.0006	0.3%
3.9	T-SERVICE UNIT RATE	\$/m³	0.0915	0.0907	0.0007	0.8%	0.0845	0.0837	0.0007	0.9%
3.10	SALES UNIT RATE	\$/GJ	5.509	5.494	0.0151	0.3%	5.327	5.312	0.0151	0.3%
3.11	T-SERVICE UNIT RATE	\$/GJ	2.381	2.362	0.0190	0.8%	2.199	2.180	0.0190	0.9%
3.12	SITE RESTORATION CLEARANCE REFUN	\$/m³	0.00	(324.88)	324.88		0.00	(573.31)	573.31	
3.13	TOTAL SALES WITH SRC REFUND	\$	71,793.20	71,271.14	522.06	0.7%	122,501.45	121,580.18	921.26	0.8%
3.14	TOTAL T-SERVICE WITH SRC REFUND	\$	31,027.55	30,455.30	572.25	1.9%	50,561.96	49,552.10	1,009.85	2.0%
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
4.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
4.2	CUSTOMER CHG.	\$	1,480.08	1,480.08	0.00	0.0%	1,480.08	1,480.08	0.00	0.0%
4.3	DISTRIBUTION CHG.	\$	10,858.34	10,736.48	121.86	1.1%	15,860.70	15,645.62	215.08	1.4%
4.4	LOAD BALANCING	\$	18,961.93	18,836.44	125.49	0.7%	33,462.59	33,241.11	221.48	0.7%
4.5	SALES COMMDTY	\$	40,765.64	40,815.86	(50.22)	-0.1%	71,939.37	72,027.95	(88.58)	-0.1%
4.6	TOTAL SALES	\$	72,065.99	71,868.86	197.13	0.3%	122,742.74	122,394.76	347.98	0.3%
4.7	TOTAL T-SERVICE	\$	31,300.35	31,053.00	247.35	0.8%	50,803.37	50,366.81	436.56	0.9%
4.8	SALES UNIT RATE	\$/m³	0.2125	0.2119	0.0006	0.3%	0.2051	0.2045	0.0006	0.3%
4.9	T-SERVICE UNIT RATE	\$/m³	0.0923	0.0916	0.0007	0.8%	0.0849	0.0841	0.0007	0.9%
4.10	SALES UNIT RATE	\$/GJ	5.530	5.515	0.0151	0.3%	5.337	5.322	0.0151	0.3%
4.11	T-SERVICE UNIT RATE	\$/GJ	2.402	2.383	0.0190	0.8%	2.209	2.190	0.0190	0.9%
4.12	SITE RESTORATION CLEARANCE REFUN	\$/m³	0.00	(324.88)	324.88		0.00	(573.31)	573.31	
4.13	TOTAL SALES WITH SRC REFUND	\$	72,065.99	71,543.98	522.01	0.7%	122,742.74	121,821.44	921.29	0.8%
4.14	TOTAL T-SERVICE WITH SRC REFUND	\$	31,300.35	30,728.12	572.23	1.9%	50,803.37	49,793.49	1,009.87	2.0%

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 110 - Small Ind. Firm - 50% LF							Rate 110 - Average Ind. Firm - 50% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
5.1	VOLUME	m³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%
5.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,048.44	7,048.44	0.00	0.0%
5.3	DISTRIBUTION CHG.	\$	14,471.60	13,667.38	804.22	5.9%	237,417.88	224,014.16	13,403.72	6.0%
5.4	LOAD BALANCING	\$	34,373.37	34,397.30	(23.93)	-0.1%	572,888.73	573,287.76	(399.03)	-0.1%
5.5	SALES COMMDTY	\$	71,917.36	72,004.72	(87.36)	-0.1%	1,198,620.97	1,200,077.48	(1,456.51)	-0.1%
5.6	TOTAL SALES	\$	127,810.77	127,117.84	692.93	0.5%	2,015,976.02	2,004,427.84	11,548.18	0.6%
5.7	TOTAL T-SERVICE	\$	55,893.41	55,113.12	780.29	1.4%	817,355.05	804,350.36	13,004.69	1.6%
5.8	SALES UNIT RATE	\$/m³	0.2135	0.2124	0.0012	0.5%	0.2021	0.2009	0.0012	0.6%
5.9	T-SERVICE UNIT RATE	\$/m³	0.0934	0.0921	0.0013	1.4%	0.0819	0.0806	0.0013	1.6%
5.10	SALES UNIT RATE	\$/GJ	5.558	5.528	0.0301	0.5%	5.260	5.230	0.0301	0.6%
5.11	T-SERVICE UNIT RATE	\$/GJ	2.430	2.397	0.0339	1.4%	2.133	2.099	0.0339	1.6%
5.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(709.35)	709.35		0.00	(11,822.51)	11,822.51	
5.13	TOTAL SALES WITH SRC REFUND	\$	127,810.77	126,408.49	1,402.28	1.1%	2,015,976.02	1,992,605.33	23,370.69	1.2%
5.14	TOTAL T-SERVICE WITH SRC REFUND	\$	55,893.41	54,403.77	1,489.64	2.7%	817,355.05	792,527.85	24,827.20	3.1%
Rate 110 - Average Ind. Firm - 75% LF							Rate 115 - Large Ind. Firm - 80% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
6.2	CUSTOMER CHG.	\$	7,048.44	7,048.44	0.00	0.0%	7,471.44	7,471.44	0.00	0.0%
6.3	DISTRIBUTION CHG.	\$	190,459.96	177,056.23	13,403.73	7.6%	970,020.79	919,936.08	50,084.71	5.4%
6.4	LOAD BALANCING	\$	572,888.67	573,287.72	(399.05)	-0.1%	3,863,572.27	3,869,717.53	(6,145.26)	-0.2%
6.5	SALES COMMDTY	\$	1,198,620.83	1,200,077.35	(1,456.52)	-0.1%	8,390,347.08	8,400,542.69	(10,195.61)	-0.1%
6.6	TOTAL SALES	\$	1,969,017.90	1,957,469.74	11,548.16	0.6%	13,231,411.58	13,197,667.74	33,743.84	0.3%
6.7	TOTAL T-SERVICE	\$	770,397.07	757,392.39	13,004.68	1.7%	4,841,064.50	4,797,125.05	43,939.45	0.9%
6.8	SALES UNIT RATE	\$/m³	0.1974	0.1962	0.0012	0.6%	0.1895	0.1890	0.0005	0.3%
6.9	T-SERVICE UNIT RATE	\$/m³	0.0772	0.0759	0.0013	1.7%	0.0693	0.0687	0.0006	0.9%
6.10	SALES UNIT RATE	\$/GJ	5.137	5.107	0.0301	0.6%	4.932	4.919	0.0126	0.3%
6.11	T-SERVICE UNIT RATE	\$/GJ	2.010	1.976	0.0339	1.7%	1.804	1.788	0.0164	0.9%
6.12	SITE RESTORATION CLEARANCE REFUND	\$/m³	0.00	(11,822.51)	11,822.51		0.00	(68,031.98)	68,031.98	
6.13	TOTAL SALES WITH SRC REFUND	\$	1,969,017.90	1,945,647.23	23,370.67	1.2%	13,231,411.58	13,129,635.76	101,775.82	0.8%
6.14	TOTAL T-SERVICE WITH SRC REFUND	\$	770,397.07	745,569.88	24,827.19	3.3%	4,841,064.50	4,729,093.07	111,971.43	2.4%



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
7.1	VOLUME	m³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,380.96	1,380.96	0.00	0.0%	3,351.72	3,351.72	0.00	0.0%
7.3	DISTRIBUTION CHG.	\$	11,002.3	10,548.65	453.62	4.3%	84,531.8	78,662.50	5,869.28	7.5%
7.4	LOAD BALANCING	\$	27,370.88	27,434.93	(64.05)	-0.2%	451,680.90	452,249.54	(568.64)	-0.1%
7.5	SALES COMMDTY	\$	71,959.12	72,162.05	(202.93)	-0.3%	1,198,620.97	1,200,077.48	(1,456.51)	-0.1%
7.6	TOTAL SALES	\$	111,713.23	111,526.59	186.64	0.2%	1,738,185.37	1,734,341.24	3,844.13	0.2%
7.7	TOTAL T-SERVICE	\$	39,754.11	39,364.54	389.57	1.0%	539,564.40	534,263.76	5,300.64	1.0%
7.8	SALES UNIT RATE	\$/m³	0.1866	0.1863	0.0003	0.2%	0.1742	0.1738	0.0004	0.2%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0664	0.0658	0.0007	1.0%	0.0541	0.0536	0.0005	1.0%
7.10	SALES UNIT RATE	\$/GJ	4.858	4.850	0.0081	0.2%	4.535	4.525	0.0100	0.2%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.729	1.712	0.0169	1.0%	1.408	1.394	0.0138	1.0%
7.12	SITE RESTORATION CLEARANCE REFUN	\$/m³	0.00	(68.27)	68.27		0.00	(2,066.18)	2,066.18	
7.13	TOTAL SALES WITH SRC REFUND	\$	111,713.23	111,458.32	254.91	0.2%	1,738,185.37	1,732,275.06	5,910.31	0.3%
7.14	TOTAL T-SERVICE WITH SRC REFUND	\$	39,754.11	39,296.27	457.84	1.2%	539,564.40	532,197.58	7,366.82	1.4%
Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,351.72	3,351.72	0.00	0.0%	3,351.72	3,351.72	0.00	0.0%
8.3	DISTRIBUTION CHG.	\$	77,346.9	71,477.69	5,869.25	8.2%	425,860.3	384,775.46	41,084.82	10.7%
8.4	LOAD BALANCING	\$	451,680.85	452,249.51	(568.66)	-0.1%	3,161,766.48	3,165,746.95	(3,980.47)	-0.1%
8.5	SALES COMMDTY	\$	1,198,620.83	1,200,077.35	(1,456.52)	-0.1%	8,390,347.08	8,400,542.69	(10,195.61)	-0.1%
8.6	TOTAL SALES	\$	1,731,000.34	1,727,156.27	3,844.07	0.2%	11,981,325.56	11,954,416.82	26,908.74	0.2%
8.7	TOTAL T-SERVICE	\$	532,379.51	527,078.92	5,300.59	1.0%	3,590,978.48	3,553,874.13	37,104.35	1.0%
8.8	SALES UNIT RATE	\$/m³	0.1735	0.1731	0.0004	0.2%	0.1716	0.1712	0.0004	0.2%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0534	0.0528	0.0005	1.0%	0.0514	0.0509	0.0005	1.0%
8.10	SALES UNIT RATE	\$/GJ	4.516	4.506	0.0100	0.2%	4.466	4.456	0.0100	0.2%
8.11	T-SERVICE UNIT RATE	\$/GJ	1.389	1.375	0.0138	1.0%	1.338	1.325	0.0138	1.0%
8.12	SITE RESTORATION CLEARANCE REFUN	\$/m³	0.00	(2,066.18)	2,066.18		0.00	(14,463.29)	14,463.29	
8.13	TOTAL SALES WITH SRC REFUND	\$	1,731,000.34	1,725,090.09	5,910.25	0.3%	11,981,325.56	11,939,953.53	41,372.03	0.3%
8.14	TOTAL T-SERVICE WITH SRC REFUND	\$	532,379.51	525,012.74	7,366.77	1.4%	3,590,978.48	3,539,410.84	51,567.64	1.5%

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Heating & Water Htg.							Heating, Water Htg. & Other Uses			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%	4,691	4,691	0	0.0%
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	270.95	234.12	36.83	15.7%	408.40	352.92	55.48	15.7%
1.4	LOAD BALANCING	\$ \$	218.09	216.48	1.61	0.7%	333.89	331.41	2.48	0.7%
1.5	SALES COMMDTY	\$	369.20	369.63	(0.43)	-0.1%	565.25	565.89	(0.64)	-0.1%
1.6	TOTAL SALES	\$	1,098.24	1,060.23	38.01	3.6%	1,547.54	1,490.22	57.32	3.8%
1.7	TOTAL T-SERVICE	\$	729.04	690.60	38.44	5.6%	982.29	924.33	57.96	6.3%
1.8	SALES UNIT RATE	\$/m³	0.3584	0.3460	0.0124	3.6%	0.3299	0.3177	0.0122	3.8%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2379	0.2254	0.0125	5.6%	0.2094	0.1970	0.0124	6.3%
1.10	SALES UNIT RATE	\$/GJ	9.3294	9.0065	0.3229	3.6%	8.5866	8.2685	0.3180	3.8%
1.11	T-SERVICE UNIT RATE	\$/GJ	6.1931	5.8665	0.3265	5.6%	5.4503	5.1287	0.3216	6.3%
Heating Only							Heating & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%	2,005	2,005	0	0.0%
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	173.79	150.16	23.63	15.7%	180.87	156.28	24.59	15.7%
2.4	LOAD BALANCING	\$ \$	139.15	138.11	1.04	0.8%	142.70	141.63	1.07	0.8%
2.5	SALES COMMDTY	\$	235.58	235.84	(0.26)	-0.1%	241.59	241.86	(0.27)	-0.1%
2.6	TOTAL SALES	\$	788.52	764.11	24.41	3.2%	805.16	779.77	25.39	3.3%
2.7	TOTAL T-SERVICE	\$	552.94	528.27	24.67	4.7%	563.57	537.91	25.66	4.8%
2.8	SALES UNIT RATE	\$/m³	0.4033	0.3908	0.0125	3.2%	0.4016	0.3889	0.0127	3.3%
2.9	T-SERVICE UNIT RATE	\$/m³	0.2828	0.2702	0.0126	4.7%	0.2811	0.2683	0.0128	4.8%
2.10	SALES UNIT RATE	\$/GJ	5.538	5.524	0.0141	0.3%	10.4522	10.1226	0.3296	3.3%
2.11	T-SERVICE UNIT RATE	\$/GJ	2.410	2.392	0.0180	0.8%	7.3160	6.9829	0.3331	4.8%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Heating, Pool Htg. & Other Uses							General & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	5,048	5,048	0	0.0%	1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	439.20	379.55	59.65	15.7%	102.12	88.20	13.92	15.8%
3.4	LOAD BALANCING	\$	359.31	356.63	2.68	0.8%	76.94	76.38	0.56	0.7%
3.5	SALES COMMDTY	\$	608.28	608.97	(0.69)	-0.1%	130.27	130.42	(0.15)	-0.1%
3.6	TOTAL SALES	\$	1,646.79	1,585.15	61.64	3.9%	549.33	535.00	14.33	2.7%
3.7	TOTAL T-SERVICE	\$	1,038.51	976.18	62.33	6.4%	419.06	404.58	14.48	3.6%
3.8	SALES UNIT RATE	\$/m³	0.3262	0.3140	0.0122	3.9%	0.5082	0.4949	0.0133	2.7%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2057	0.1934	0.0123	6.4%	0.3877	0.3743	0.0134	3.6%
3.10	SALES UNIT RATE	\$/GJ	8.4911	8.1732	0.3178	3.9%	13.2268	12.8817	0.3450	2.7%
3.11	T-SERVICE UNIT RATE	\$/GJ	5.3547	5.0333	0.3214	6.4%	10.0902	9.7415	0.3486	3.6%

  

Heating & Water Htg.							Heating & Water Htg.			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
3.1	VOLUME	m³	2,480	2,480	0	0.0%	2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%	240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	221.25	191.16	30.09	15.7%	214.15	185.04	29.11	15.7%
3.4	LOAD BALANCING	\$	176.50	175.20	1.30	0.7%	170.83	169.53	1.30	0.8%
3.5	SALES COMMDTY	\$	298.82	299.18	(0.36)	-0.1%	289.22	289.53	(0.31)	-0.1%
3.6	TOTAL SALES	\$	936.57	905.54	31.03	3.4%	914.20	884.10	30.10	3.4%
3.7	TOTAL T-SERVICE	\$	637.75	606.36	31.39	5.2%	624.98	594.57	30.41	5.1%
3.8	SALES UNIT RATE	\$/m³	0.3776	0.3651	0.0125	3.4%	0.3809	0.3684	0.0125	3.4%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2572	0.2445	0.0127	5.2%	0.2604	0.2477	0.0127	5.1%
3.10	SALES UNIT RATE	\$/GJ	9.8295	9.5038	0.3257	3.4%	9.9145	9.5881	0.3264	3.4%
3.11	T-SERVICE UNIT RATE	\$/GJ	6.6933	6.3638	0.3294	5.2%	6.7779	6.4481	0.3298	5.1%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	1,578.82	1,419.25	159.57	11.2%	2,025.80	1,821.08	204.72	11.2%
1.4	LOAD BALANCING	\$ \$	1,579.96	1,568.20	11.76	0.7%	2,046.28	2,031.01	15.27	0.8%
1.5	SALES COMMDTY	\$	2,728.76	2,732.09	(3.33)	-0.1%	3,534.15	3,538.46	(4.31)	-0.1%
1.6	TOTAL SALES	\$	6,727.54	6,559.54	168.00	2.6%	8,446.23	8,230.55	215.68	2.6%
1.7	TOTAL T-SERVICE	\$	3,998.78	3,827.45	171.33	4.5%	4,912.08	4,692.09	219.99	4.7%
1.8	SALES UNIT RATE	\$/m³	0.2976	0.2902	0.0074	2.6%	0.2885	0.2811	0.0074	2.6%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1769	0.1693	0.0076	4.5%	0.1678	0.1603	0.0075	4.7%
1.10	SALES UNIT RATE	\$/GJ	7.7460	7.5525	0.1934	2.6%	7.5087	7.3170	0.1917	2.6%
1.11	T-SERVICE UNIT RATE	\$/GJ	4.6041	4.4069	0.1973	4.5%	4.3668	4.1713	0.1956	4.7%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	8,518.54	7,659.18	859.36	11.2%	15,606.48	14,033.11	1,573.37	11.2%
2.4	LOAD BALANCING	\$ \$	11,850.93	11,762.58	88.35	0.8%	23,701.79	23,525.11	176.68	0.8%
2.5	SALES COMMDTY	\$	20,467.95	20,492.88	(24.93)	-0.1%	40,935.79	40,985.63	(49.84)	-0.1%
2.6	TOTAL SALES	\$	41,677.42	40,754.64	922.78	2.3%	81,084.06	79,383.85	1,700.21	2.1%
2.7	TOTAL T-SERVICE	\$	21,209.47	20,261.76	947.71	4.7%	40,148.27	38,398.22	1,750.05	4.6%
2.8	SALES UNIT RATE	\$/m³	0.2458	0.2404	0.0054	2.3%	0.2391	0.2341	0.0050	2.1%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1251	0.1195	0.0056	4.7%	0.1184	0.1132	0.0052	4.6%
2.10	SALES UNIT RATE	\$/GJ	6.3975	6.2559	0.1416	2.3%	6.2233	6.0928	0.1305	2.1%
2.11	T-SERVICE UNIT RATE	\$/GJ	3.2557	3.1102	0.1455	4.7%	3.0814	2.9471	0.1343	4.6%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use							Industrial Heating & Other Uses				
			(A)	(B)	CHANGE					CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	43,285	43,285	0	0.0%	63,903	63,903	0	0.0%	
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%	
3.3	DISTRIBUTION CHG.	\$	2,800.13	2,517.22	282.91	11.2%	3,757.49	3,378.08	379.41	11.2%	
3.4	LOAD BALANCING	\$	3,025.23	3,002.68	22.55	0.8%	4,466.24	4,432.95	33.29	0.8%	
3.5	SALES COMMDTY	\$	5,224.93	5,231.30	(6.37)	-0.1%	7,713.72	7,723.12	(9.40)	-0.1%	
3.6	TOTAL SALES	\$	11,890.29	11,591.20	299.09	2.6%	16,777.45	16,374.15	403.30	2.5%	
3.7	TOTAL T-SERVICE	\$	6,665.36	6,359.90	305.46	4.8%	9,063.73	8,651.03	412.70	4.8%	
3.8	SALES UNIT RATE	\$/m³	0.2747	0.2678	0.0069	2.6%	0.2625	0.2562	0.0063	2.5%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1540	0.1469	0.0071	4.8%	0.1418	0.1354	0.0065	4.8%	
3.10	SALES UNIT RATE	\$/GJ	7.1499	6.9700	0.1798	2.6%	6.8336	6.6693	0.1643	2.5%	
3.11	T-SERVICE UNIT RATE	\$/GJ	4.0080	3.8243	0.1837	4.8%	3.6917	3.5236	0.1681	4.8%	
Medium Industrial Customer							Large Industrial Customer				
			(A)	(B)	CHANGE					CHANGE	
					(A) - (B)	%				(A) - (B)	%
4.1	VOLUME	m³	169,563	169,563	0	0.0%	339,124	339,124	0	0.0%	
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%	
4.3	DISTRIBUTION CHG.	\$	8,721.99	7,842.01	879.98	11.2%	15,757.91	14,169.19	1,588.72	11.2%	
4.4	LOAD BALANCING	\$	11,850.91	11,762.60	88.31	0.8%	23,701.71	23,525.04	176.67	0.8%	
4.5	SALES COMMDTY	\$	20,467.94	20,492.86	(24.92)	-0.1%	40,935.66	40,985.51	(49.85)	-0.1%	
4.6	TOTAL SALES	\$	41,880.84	40,937.47	943.37	2.3%	81,235.28	79,519.74	1,715.54	2.2%	
4.7	TOTAL T-SERVICE	\$	21,412.90	20,444.61	968.29	4.7%	40,299.62	38,534.23	1,765.39	4.6%	
4.8	SALES UNIT RATE	\$/m³	0.2470	0.2414	0.0056	2.3%	0.2395	0.2345	0.0051	2.2%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.1263	0.1206	0.0057	4.7%	0.1188	0.1136	0.0052	4.6%	
4.10	SALES UNIT RATE	\$/GJ	6.4288	6.2839	0.1448	2.3%	6.2349	6.1032	0.1317	2.2%	
4.11	T-SERVICE UNIT RATE	\$/GJ	3.2869	3.1383	0.1486	4.7%	3.0930	2.9575	0.1355	4.6%	

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 100 - Small Commercial Firm							Rate 100 - Average Commercial Firm			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%
1.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%	1,464	1,464	0	0.0%
1.3	DISTRIBUTION CHG.	\$	13,653	13,639	14	0.1%	66,077	66,052	25	0.0%
1.4	LOAD BALANCING	\$	23,706	23,529	177	0.8%	41,834	41,523	312	0.8%
1.5	SALES COMMDTY	\$	40,943	40,993	(50)	-0.1%	72,253	72,341	(88)	-0.1%
1.6	TOTAL SALES	\$	79,767	79,626	141	0.2%	181,629	181,380	249	0.1%
1.7	TOTAL T-SERVICE	\$	38,824	38,633	191	0.5%	109,376	109,039	337	0.3%
1.8	SALES UNIT RATE	\$/m³	0.2352	0.2348	0.0004	0.2%	0.3034	0.3030	0.0004	0.1%
1.9	T-SERVICE UNIT RATE	\$/m³	0.1145	0.1139	0.0006	0.5%	0.1827	0.1822	0.0006	0.3%
1.10	SALES UNIT RATE	\$/GJ	6.1211	6.1102	0.0108	0.2%	7.8980	7.8871	0.0108	0.1%
1.11	T-SERVICE UNIT RATE	\$/GJ	2.9792	2.9646	0.0146	0.5%	4.7561	4.7415	0.0146	0.3%
Rate 100 - Large Industrial Firm										
			(A)	(B)	CHANGE					
					(A) - (B)	%				
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%				
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%				
2.3	DISTRIBUTION CHG.	\$	132,800	132,739	62	0.0%				
2.4	LOAD BALANCING	\$	104,836	104,055	781	0.8%				
2.5	SALES COMMDTY	\$	181,065	181,286	(221)	-0.1%				
2.6	TOTAL SALES	\$	420,166	419,543	623	0.1%				
2.7	TOTAL T-SERVICE	\$	239,101	238,258	843	0.4%				
2.8	SALES UNIT RATE	\$/m³	0.2801	0.2797	0.0004	0.1%				
2.9	T-SERVICE UNIT RATE	\$/m³	0.1594	0.1588	0.0006	0.4%				
2.10	SALES UNIT RATE	\$/GJ	7.2908	7.2799	0.0108	0.1%				
2.11	T-SERVICE UNIT RATE	\$/GJ	4.1489	4.1343	0.0146	0.4%				

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8	
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
3.1	VOLUME	m³	339,188	339,188	0	0.0%		598,568	598,568	0	0.0%	
3.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%	
3.3	DISTRIBUTION CHG.	\$	10,700	10,578	122	1.2%		15,821	15,606	215	1.4%	
3.4	LOAD BALANCING	\$	18,962	18,836	125	0.7%		33,463	33,241	221	0.7%	
3.5	SALES COMMDTY	\$	40,766	40,816	(50)	-0.1%		71,939	72,028	(89)	-0.1%	
3.6	TOTAL SALES	\$	71,908	71,710	197	0.3%		122,703	122,355	348	0.3%	
3.7	TOTAL T-SERVICE	\$	31,142	30,895	247	0.8%		50,764	50,327	437	0.9%	
3.8	SALES UNIT RATE	\$/m³	0.2120	0.2114	0.0006	0.3%		0.2050	0.2044	0.0006	0.3%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.0918	0.0911	0.0007	0.8%		0.0848	0.0841	0.0007	0.9%	
3.10	SALES UNIT RATE	\$/GJ	5.5179	5.5028	0.0151	0.3%		5.3356	5.3205	0.0151	0.3%	
3.11	T-SERVICE UNIT RATE	\$/GJ	2.3897	2.3707	0.0190	0.8%		2.2074	2.1884	0.0190	0.9%	
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
4.1	VOLUME	m³	339,188	339,188	0	0.0%		598,567	598,567	0	0.0%	
4.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%	
4.3	DISTRIBUTION CHG.	\$	10,973	10,851	122	1.1%		16,063	15,847	215	1.4%	
4.4	LOAD BALANCING	\$	18,962	18,836	125	0.7%		33,463	33,241	221	0.7%	
4.5	SALES COMMDTY	\$	40,766	40,816	(50)	-0.1%		71,939	72,028	(89)	-0.1%	
4.6	TOTAL SALES	\$	72,180	71,983	197	0.3%		122,945	122,597	348	0.3%	
4.7	TOTAL T-SERVICE	\$	31,415	31,167	247	0.8%		51,005	50,569	437	0.9%	
4.8	SALES UNIT RATE	\$/m³	0.2128	0.2122	0.0006	0.3%		0.2054	0.2048	0.0006	0.3%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.0926	0.0919	0.0007	0.8%		0.0852	0.0845	0.0007	0.9%	
4.10	SALES UNIT RATE	\$/GJ	5.5389	5.5237	0.0151	0.3%		5.3461	5.3310	0.0151	0.3%	
4.11	T-SERVICE UNIT RATE	\$/GJ	2.4107	2.3917	0.0190	0.8%		2.2179	2.1989	0.0190	0.9%	

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8	
Rate 110 - Small Ind. Firm - 50% LF							Rate 110 - Average Ind. Firm - 50% LF					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
5.1	VOLUME	m³	598,568	598,568	0	0.0%	9,976,121	9,976,121	0	0.0%		
5.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,048	7,048	0	0.0%		
5.3	DISTRIBUTION CHG.	\$	14,673	13,869	804	5.8%	240,782	227,378	13,404	5.9%		
5.4	LOAD BALANCING	\$	34,373	34,397	(24)	-0.1%	572,889	573,288	(399)	-0.1%		
5.5	SALES COMMDTY	\$	71,917	72,005	(87)	-0.1%	1,198,621	1,200,077	(1,457)	-0.1%		
5.6	TOTAL SALES	\$	128,013	127,320	693	0.5%	2,019,340	2,007,792	11,548	0.6%		
5.7	TOTAL T-SERVICE	\$	56,095	55,315	780	1.4%	820,719	807,715	13,005	1.6%		
5.8	SALES UNIT RATE	\$/m³	0.2139	0.2127	0.0012	0.5%	0.2024	0.2013	0.0012	0.6%		
5.9	T-SERVICE UNIT RATE	\$/m³	0.0937	0.0924	0.0013	1.4%	0.0823	0.0810	0.0013	1.6%		
5.10	SALES UNIT RATE	\$/GJ	5.5665	5.5364	0.0301	0.5%	5.2685	5.2384	0.0301	0.6%		
5.11	T-SERVICE UNIT RATE	\$/GJ	2.4392	2.4053	0.0339	1.4%	2.1413	2.1074	0.0339	1.6%		
Rate 110 - Average Ind. Firm - 75% LF							Rate 115 - Large Ind. Firm - 80% LF					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%		
6.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%	7,471	7,471	0	0.0%		
6.3	DISTRIBUTION CHG.	\$	193,824	180,421	13,404	7.4%	993,571	943,486	50,085	5.3%		
6.4	LOAD BALANCING	\$	572,889	573,288	(399)	-0.1%	3,863,572	3,869,718	(6,145)	-0.2%		
6.5	SALES COMMDTY	\$	1,198,621	1,200,077	(1,457)	-0.1%	8,390,347	8,400,543	(10,196)	-0.1%		
6.6	TOTAL SALES	\$	1,972,382	1,960,834	11,548	0.6%	13,254,962	13,221,218	33,744	0.3%		
6.7	TOTAL T-SERVICE	\$	773,761	760,757	13,005	1.7%	4,864,615	4,820,675	43,939	0.9%		
6.8	SALES UNIT RATE	\$/m³	0.1977	0.1966	0.0012	0.6%	0.1898	0.1893	0.0005	0.3%		
6.9	T-SERVICE UNIT RATE	\$/m³	0.0776	0.0763	0.0013	1.7%	0.0697	0.0690	0.0006	0.9%		
6.10	SALES UNIT RATE	\$/GJ	5.1460	5.1159	0.0301	0.6%	4.9404	4.9278	0.0126	0.3%		
6.11	T-SERVICE UNIT RATE	\$/GJ	2.0188	1.9848	0.0339	1.7%	1.8131	1.7968	0.0164	0.9%		



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR LARGE FINAL EMITTERS**

**(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³**

Item  
No.

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
7.1	VOLUME	m³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,381	1,381	0	0.0%	3,352	3,352	0	0.0%
7.3	DISTRIBUTION CHG.	\$	11,204	10,751	454	4.2%	87,896	82,027	5,869	7.2%
7.4	LOAD BALANCING	\$	27,371	27,435	(64)	-0.2%	451,681	452,250	(569)	-0.1%
7.5	SALES COMMDTY	\$	71,959	72,162	(203)	-0.3%	1,198,621	1,200,077	(1,457)	-0.1%
7.6	TOTAL SALES	\$	111,915	111,728	187	0.2%	1,741,550	1,737,706	3,844	0.2%
7.7	TOTAL T-SERVICE	\$	39,956	39,566	390	1.0%	542,929	537,628	5,301	1.0%
7.8	SALES UNIT RATE	\$/m³	0.1870	0.1867	0.0003	0.2%	0.1746	0.1742	0.0004	0.2%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0668	0.0661	0.0007	1.0%	0.0544	0.0539	0.0005	1.0%
7.10	SALES UNIT RATE	\$/GJ	4.8665	4.8584	0.0081	0.2%	4.5438	4.5337	0.0100	0.2%
7.11	T-SERVICE UNIT RATE	\$/GJ	1.7374	1.7205	0.0169	1.0%	1.4165	1.4027	0.0138	1.0%

Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF					
			(A)	(B)	CHANGE				(A)	(B)	CHANGE	
					(A) - (B)	%					(A) - (B)	%
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%		
8.2	CUSTOMER CHG.	\$	3,352	3,352	0	0.0%	3,352	3,352	0	0.0%		
8.3	DISTRIBUTION CHG.	\$	80,711	74,842	5,869	7.8%	449,410	408,325	41,085	10.1%		
8.4	LOAD BALANCING	\$	451,681	452,250	(569)	-0.1%	3,161,766	3,165,747	(3,980)	-0.1%		
8.5	SALES COMMDTY	\$	1,198,621	1,200,077	(1,457)	-0.1%	8,390,347	8,400,543	(10,196)	-0.1%		
8.6	TOTAL SALES	\$	1,734,365	1,730,521	3,844	0.2%	12,004,876	11,977,967	26,909	0.2%		
8.7	TOTAL T-SERVICE	\$	535,744	530,443	5,301	1.0%	3,614,529	3,577,424	37,104	1.0%		
8.8	SALES UNIT RATE	\$/m³	0.1739	0.1735	0.0004	0.2%	0.1719	0.1715	0.0004	0.2%		
8.9	T-SERVICE UNIT RATE	\$/m³	0.0537	0.0532	0.0005	1.0%	0.0518	0.0512	0.0005	1.0%		
8.10	SALES UNIT RATE	\$/GJ	4.5250	4.5150	0.0100	0.2%	4.4745	4.4644	0.0100	0.2%		
8.11	T-SERVICE UNIT RATE	\$/GJ	1.3978	1.3839	0.0138	1.0%	1.3472	1.3334	0.0138	1.0%		

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Heating & Water Htg.							Heating, Water Htg. & Other Uses						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
1.1	VOLUME	m³	3,064	3,064	0	0.0%		4,691	4,691	0	0.0%		
1.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
1.3	DISTRIBUTION CHG.	\$	372.62	335.79	36.83	11.0%		564.05	508.57	55.48	10.9%		
1.4	LOAD BALANCING	\$ \$	218.09	216.48	1.61	0.7%		333.89	331.41	2.48	0.7%		
1.5	SALES COMMDTY	\$	369.20	369.63	(0.43)	-0.1%		565.25	565.89	(0.64)	-0.1%		
1.6	TOTAL SALES	\$	1,199.91	1,161.90	38.01	3.3%		1,703.19	1,645.87	57.32	3.5%		
1.7	TOTAL T-SERVICE	\$	830.71	792.27	38.44	4.9%		1,137.94	1,079.98	57.96	5.4%		
1.8	SALES UNIT RATE	\$/m³	0.3916	0.3792	0.0124	3.3%		0.3631	0.3509	0.0122	3.5%		
1.9	T-SERVICE UNIT RATE	\$/m³	0.2711	0.2586	0.0125	4.9%		0.2426	0.2302	0.0124	5.4%		
1.10	SALES UNIT RATE	\$/GJ	10.1930	9.8701	0.3229	3.3%		9.4502	9.1322	0.3180	3.5%		
1.11	T-SERVICE UNIT RATE	\$/GJ	7.0567	6.7302	0.3265	4.9%		6.3139	5.9923	0.3216	5.4%		
Heating Only							Heating & Water Htg.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
2.1	VOLUME	m³	1,955	1,955	0	0.0%		2,005	2,005	0	0.0%		
2.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%		
2.3	DISTRIBUTION CHG.	\$	238.66	215.03	23.63	11.0%		247.39	222.80	24.59	11.0%		
2.4	LOAD BALANCING	\$ \$	139.15	138.11	1.04	0.8%		142.70	141.63	1.07	0.8%		
2.5	SALES COMMDTY	\$	235.58	235.84	(0.26)	-0.1%		241.59	241.86	(0.27)	-0.1%		
2.6	TOTAL SALES	\$	853.39	828.98	24.41	2.9%		871.68	846.29	25.39	3.0%		
2.7	TOTAL T-SERVICE	\$	617.81	593.14	24.67	4.2%		630.09	604.43	25.66	4.2%		
2.8	SALES UNIT RATE	\$/m³	0.4365	0.4240	0.0125	2.9%		0.4348	0.4221	0.0127	3.0%		
2.9	T-SERVICE UNIT RATE	\$/m³	0.3160	0.3034	0.0126	4.2%		0.3143	0.3015	0.0128	4.2%		
2.10	SALES UNIT RATE	\$/GJ	11.3617	11.0367	0.3250	2.9%		11.3159	10.9862	0.3296	3.0%		
2.11	T-SERVICE UNIT RATE	\$/GJ	8.2253	7.8968	0.3284	4.2%		8.1796	7.8465	0.3331	4.2%		

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - RESIDENTIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8
Heating, Pool Htg. & Other Uses							General & Water Htg.				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	5,048	5,048	0	0.0%		1,081	1,081	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	606.70	547.05	59.65	10.9%		137.99	124.07	13.92	11.2%
3.4	LOAD BALANCING	\$	359.31	356.63	2.68	0.8%		76.94	76.38	0.56	0.7%
3.5	SALES COMMDTY	\$	608.28	608.97	(0.69)	-0.1%		130.27	130.42	(0.15)	-0.1%
3.6	TOTAL SALES	\$	1,814.29	1,752.65	61.64	3.5%		585.20	570.87	14.33	2.5%
3.7	TOTAL T-SERVICE	\$	1,206.01	1,143.68	62.33	5.4%		454.93	440.45	14.48	3.3%
3.8	SALES UNIT RATE	\$/m³	0.3594	0.3472	0.0122	3.5%		0.5414	0.5281	0.0133	2.5%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2389	0.2266	0.0123	5.4%		0.4208	0.4074	0.0134	3.3%
3.10	SALES UNIT RATE	\$/GJ	9.3547	9.0369	0.3178	3.5%		14.0904	13.7454	0.3450	2.5%
3.11	T-SERVICE UNIT RATE	\$/GJ	6.2183	5.8970	0.3214	5.4%		10.9538	10.6051	0.3486	3.3%

Heating & Water Htg.							Heating & Water Htg.				
			(A)	(B)	CHANGE			(A)	(B)	CHANGE	
					(A) - (B)	%				(A) - (B)	%
3.1	VOLUME	m³	2,480	2,480	0	0.0%		2,400	2,400	0	0.0%
3.2	CUSTOMER CHG.	\$	240.00	240.00	0.00	0.0%		240.00	240.00	0.00	0.0%
3.3	DISTRIBUTION CHG.	\$	303.53	273.44	30.09	11.0%		293.78	264.67	29.11	11.0%
3.4	LOAD BALANCING	\$	176.50	175.20	1.30	0.7%		170.83	169.53	1.30	0.8%
3.5	SALES COMMDTY	\$	298.82	299.18	(0.36)	-0.1%		289.22	289.53	(0.31)	-0.1%
3.6	TOTAL SALES	\$	1,018.85	987.82	31.03	3.1%		993.83	963.73	30.10	3.1%
3.7	TOTAL T-SERVICE	\$	720.03	688.64	31.39	4.6%		704.61	674.20	30.41	4.5%
3.8	SALES UNIT RATE	\$/m³	0.4108	0.3983	0.0125	3.1%		0.4141	0.4016	0.0125	3.1%
3.9	T-SERVICE UNIT RATE	\$/m³	0.2903	0.2777	0.0127	4.6%		0.2936	0.2809	0.0127	4.5%
3.10	SALES UNIT RATE	\$/GJ	10.6931	10.3674	0.3257	3.1%		10.7782	10.4517	0.3264	3.1%
3.11	T-SERVICE UNIT RATE	\$/GJ	7.5569	7.2275	0.3294	4.6%		7.6416	7.3118	0.3298	4.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Commercial Heating & Other Uses							Com. Htg., Air Cond'ng & Other Uses			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
1.1	VOLUME	m³	22,606	22,606	0	0.0%	29,278	29,278	0	0.0%
1.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
1.3	DISTRIBUTION CHG.	\$	2,328.91	2,169.34	159.57	7.4%	2,997.27	2,792.55	204.72	7.3%
1.4	LOAD BALANCING	\$ \$	1,579.96	1,568.20	11.76	0.7%	2,046.28	2,031.01	15.27	0.8%
1.5	SALES COMMDTY	\$	2,728.76	2,732.09	(3.33)	-0.1%	3,534.15	3,538.46	(4.31)	-0.1%
1.6	TOTAL SALES	\$	7,477.63	7,309.63	168.00	2.3%	9,417.70	9,202.02	215.68	2.3%
1.7	TOTAL T-SERVICE	\$	4,748.87	4,577.54	171.33	3.7%	5,883.55	5,663.56	219.99	3.9%
1.8	SALES UNIT RATE	\$/m³	0.3308	0.3233	0.0074	2.3%	0.3217	0.3143	0.0074	2.3%
1.9	T-SERVICE UNIT RATE	\$/m³	0.2101	0.2025	0.0076	3.7%	0.2010	0.1934	0.0075	3.9%
1.10	SALES UNIT RATE	\$/GJ	8.6096	8.4162	0.1934	2.3%	8.3723	8.1806	0.1917	2.3%
1.11	T-SERVICE UNIT RATE	\$/GJ	5.4678	5.2705	0.1973	3.7%	5.2305	5.0349	0.1956	3.9%
Medium Commercial Customer							Large Commercial Customer			
			(A)	(B)	CHANGE		(A)	(B)	CHANGE	
					(A) - (B)	%			(A) - (B)	%
2.1	VOLUME	m³	169,563	169,563	0	0.0%	339,125	339,125	0	0.0%
2.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%	840.00	840.00	0.00	0.0%
2.3	DISTRIBUTION CHG.	\$	14,144.80	13,285.44	859.36	6.5%	26,858.96	25,285.59	1,573.37	6.2%
2.4	LOAD BALANCING	\$ \$	11,850.93	11,762.58	88.35	0.8%	23,701.79	23,525.11	176.68	0.8%
2.5	SALES COMMDTY	\$	20,467.95	20,492.88	(24.93)	-0.1%	40,935.79	40,985.63	(49.84)	-0.1%
2.6	TOTAL SALES	\$	47,303.68	46,380.90	922.78	2.0%	92,336.54	90,636.33	1,700.21	1.9%
2.7	TOTAL T-SERVICE	\$	26,835.73	25,888.02	947.71	3.7%	51,400.75	49,650.70	1,750.05	3.5%
2.8	SALES UNIT RATE	\$/m³	0.2790	0.2735	0.0054	2.0%	0.2723	0.2673	0.0050	1.9%
2.9	T-SERVICE UNIT RATE	\$/m³	0.1583	0.1527	0.0056	3.7%	0.1516	0.1464	0.0052	3.5%
2.10	SALES UNIT RATE	\$/GJ	7.2612	7.1195	0.1416	2.0%	7.0869	6.9564	0.1305	1.9%
2.11	T-SERVICE UNIT RATE	\$/GJ	4.1193	3.9738	0.1455	3.7%	3.9450	3.8107	0.1343	3.5%

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - COMMERCIAL & INDUSTRIAL CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8	
Industrial General Use							Industrial Heating & Other Uses					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
3.1	VOLUME	m³	43,285	43,285	0	0.0%		63,903	63,903	0	0.0%	
3.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%	
3.3	DISTRIBUTION CHG.	\$	4,236.36	3,953.45	282.91	7.2%		5,877.85	5,498.44	379.41	6.9%	
3.4	LOAD BALANCING	\$ \$	3,025.23	3,002.68	22.55	0.8%		4,466.24	4,432.95	33.29	0.8%	
3.5	SALES COMMDTY	\$	5,224.93	5,231.30	(6.37)	-0.1%		7,713.72	7,723.12	(9.40)	-0.1%	
3.6	TOTAL SALES	\$	13,326.52	13,027.43	299.09	2.3%		18,897.81	18,494.51	403.30	2.2%	
3.7	TOTAL T-SERVICE	\$	8,101.59	7,796.13	305.46	3.9%		11,184.09	10,771.39	412.70	3.8%	
3.8	SALES UNIT RATE	\$/m³	0.3079	0.3010	0.0069	2.3%		0.2957	0.2894	0.0063	2.2%	
3.9	T-SERVICE UNIT RATE	\$/m³	0.1872	0.1801	0.0071	3.9%		0.1750	0.1686	0.0065	3.8%	
3.10	SALES UNIT RATE	\$/GJ	8.0135	7.8336	0.1798	2.3%		7.6972	7.5329	0.1643	2.2%	
3.11	T-SERVICE UNIT RATE	\$/GJ	4.8716	4.6880	0.1837	3.9%		4.5554	4.3873	0.1681	3.8%	
Medium Industrial Customer							Large Industrial Customer					
			(A)	(B)	CHANGE					(A)	(B)	CHANGE
					(A) - (B)	%				(A) - (B)	%	
4.1	VOLUME	m³	169,563	169,563	0	0.0%		339,124	339,124	0	0.0%	
4.2	CUSTOMER CHG.	\$	840.00	840.00	0.00	0.0%		840.00	840.00	0.00	0.0%	
4.3	DISTRIBUTION CHG.	\$	14,348.25	13,468.27	879.98	6.5%		27,010.35	25,421.63	1,588.72	6.2%	
4.4	LOAD BALANCING	\$ \$	11,850.91	11,762.60	88.31	0.8%		23,701.71	23,525.04	176.67	0.8%	
4.5	SALES COMMDTY	\$	20,467.94	20,492.86	(24.92)	-0.1%		40,935.66	40,985.51	(49.85)	-0.1%	
4.6	TOTAL SALES	\$	47,507.10	46,563.73	943.37	2.0%		92,487.72	90,772.18	1,715.54	1.9%	
4.7	TOTAL T-SERVICE	\$	27,039.16	26,070.87	968.29	3.7%		51,552.06	49,786.67	1,765.39	3.5%	
4.8	SALES UNIT RATE	\$/m³	0.2802	0.2746	0.0056	2.0%		0.2727	0.2677	0.0051	1.9%	
4.9	T-SERVICE UNIT RATE	\$/m³	0.1595	0.1538	0.0057	3.7%		0.1520	0.1468	0.0052	3.5%	
4.10	SALES UNIT RATE	\$/GJ	7.2924	7.1476	0.1448	2.0%		7.0985	6.9669	0.1317	1.9%	
4.11	T-SERVICE UNIT RATE	\$/GJ	4.1505	4.0019	0.1486	3.7%		3.9567	3.8212	0.1355	3.5%	

§ The Load Balancing Charge shown here includes proposed transportation charges

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Rate 100 - Small Commercial Firm							Rate 100 - Average Commercial Firm				
			(A)	(B)	CHANGE						
					(A) - (B)	%				(A) - (B)	%
1.1	VOLUME	m³	339,188	339,188	0	0.0%	598,567	598,567	0	0.0%	
1.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%	1,464	1,464	0	0.0%	
1.3	DISTRIBUTION CHG.	\$	24,908	24,894	14	0.1%	85,938	85,913	25	0.0%	
1.4	LOAD BALANCING	\$	23,706	23,529	177	0.8%	41,834	41,523	312	0.8%	
1.5	SALES COMMDTY	\$	40,943	40,993	(50)	-0.1%	72,253	72,341	(88)	-0.1%	
1.6	TOTAL SALES	\$	91,022	90,881	141	0.2%	201,490	201,241	249	0.1%	
1.7	TOTAL T-SERVICE	\$	50,078	49,888	191	0.4%	129,237	128,900	337	0.3%	
1.8	SALES UNIT RATE	\$/m³	0.2684	0.2679	0.0004	0.2%	0.3366	0.3362	0.0004	0.1%	
1.9	T-SERVICE UNIT RATE	\$/m³	0.1476	0.1471	0.0006	0.4%	0.2159	0.2153	0.0006	0.3%	
1.10	SALES UNIT RATE	\$/GJ	6.9847	6.9739	0.0108	0.2%	8.7616	8.7508	0.0108	0.1%	
1.11	T-SERVICE UNIT RATE	\$/GJ	3.8428	3.8282	0.0146	0.4%	5.6197	5.6051	0.0146	0.3%	
Rate 100 - Large Industrial Firm											
			(A)	(B)	CHANGE						
					(A) - (B)	%					
2.1	VOLUME	m³	1,500,000	1,500,000	0	0.0%					
2.2	CUSTOMER CHG.	\$	1,464	1,464	0	0.0%					
2.3	DISTRIBUTION CHG.	\$	182,572	182,510	62	0.0%					
2.4	LOAD BALANCING	\$	104,836	104,055	781	0.8%					
2.5	SALES COMMDTY	\$	181,065	181,286	(221)	-0.1%					
2.6	TOTAL SALES	\$	469,937	469,315	623	0.1%					
2.7	TOTAL T-SERVICE	\$	288,872	288,029	843	0.3%					
2.8	SALES UNIT RATE	\$/m³	0.3133	0.3129	0.0004	0.1%					
2.9	T-SERVICE UNIT RATE	\$/m³	0.1926	0.1920	0.0006	0.3%					
2.10	SALES UNIT RATE	\$/GJ	8.1544	8.1436	0.0108	0.1%					
2.11	T-SERVICE UNIT RATE	\$/GJ	5.0125	4.9979	0.0146	0.3%					

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m³ vs (B) EB-2017-0181 @ 38.42 MJ/m³

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Rate 145 - Small Commercial Interr.							Rate 145 - Average Commercial Interr.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
3.1	VOLUME	m³	339,188	339,188	0	0.0%		598,568	598,568	0	0.0%		
3.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%		
3.3	DISTRIBUTION CHG.	\$	21,954	21,833	122	0.6%		35,682	35,467	215	0.6%		
3.4	LOAD BALANCING	\$	18,962	18,836	125	0.7%		33,463	33,241	221	0.7%		
3.5	SALES COMMDTY	\$	40,766	40,816	(50)	-0.1%		71,939	72,028	(89)	-0.1%		
3.6	TOTAL SALES	\$	83,162	82,965	197	0.2%		142,564	142,216	348	0.2%		
3.7	TOTAL T-SERVICE	\$	42,396	42,149	247	0.6%		70,625	70,188	437	0.6%		
3.8	SALES UNIT RATE	\$/m³	0.2452	0.2446	0.0006	0.2%		0.2382	0.2376	0.0006	0.2%		
3.9	T-SERVICE UNIT RATE	\$/m³	0.1250	0.1243	0.0007	0.6%		0.1180	0.1173	0.0007	0.6%		
3.10	SALES UNIT RATE	\$/GJ	6.3816	6.3664	0.0151	0.2%		6.1993	6.1841	0.0151	0.2%		
3.11	T-SERVICE UNIT RATE	\$/GJ	3.2534	3.2344	0.0190	0.6%		3.0710	3.0521	0.0190	0.6%		
Rate 145 - Small Industrial Interr.							Rate 145 - Average Industrial Interr.						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
4.1	VOLUME	m³	339,188	339,188	0	0.0%		598,567	598,567	0	0.0%		
4.2	CUSTOMER CHG.	\$	1,480	1,480	0	0.0%		1,480	1,480	0	0.0%		
4.3	DISTRIBUTION CHG.	\$	22,227	22,105	122	0.6%		35,924	35,708	215	0.6%		
4.4	LOAD BALANCING	\$	18,962	18,836	125	0.7%		33,463	33,241	221	0.7%		
4.5	SALES COMMDTY	\$	40,766	40,816	(50)	-0.1%		71,939	72,028	(89)	-0.1%		
4.6	TOTAL SALES	\$	83,435	83,238	197	0.2%		142,806	142,458	348	0.2%		
4.7	TOTAL T-SERVICE	\$	42,669	42,422	247	0.6%		70,866	70,430	437	0.6%		
4.8	SALES UNIT RATE	\$/m³	0.2460	0.2454	0.0006	0.2%		0.2386	0.2380	0.0006	0.2%		
4.9	T-SERVICE UNIT RATE	\$/m³	0.1258	0.1251	0.0007	0.6%		0.1184	0.1177	0.0007	0.6%		
4.10	SALES UNIT RATE	\$/GJ	6.4025	6.3874	0.0151	0.2%		6.2098	6.1946	0.0151	0.2%		
4.11	T-SERVICE UNIT RATE	\$/GJ	3.2743	3.2553	0.0190	0.6%		3.0815	3.0626	0.0190	0.6%		

**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>

Item No.			Col. 1	Col. 2	Col. 3	Col. 4		Col. 5	Col. 6	Col. 7	Col. 8		
Rate 110 - Small Ind. Firm - 50% LF							Rate 110 - Average Ind. Firm - 50% LF						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
5.1	VOLUME	m³	598,568	598,568	0	0.0%		9,976,121	9,976,121	0	0.0%		
5.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%		7,048	7,048	0	0.0%		
5.3	DISTRIBUTION CHG.	\$	34,534	33,730	804	2.4%		571,799	558,395	13,404	2.4%		
5.4	LOAD BALANCING	\$	34,373	34,397	(24)	-0.1%		572,889	573,288	(399)	-0.1%		
5.5	SALES COMMDTY	\$	71,917	72,005	(87)	-0.1%		1,198,621	1,200,077	(1,457)	-0.1%		
5.6	TOTAL SALES	\$	147,874	147,181	693	0.5%		2,350,357	2,338,809	11,548	0.5%		
5.7	TOTAL T-SERVICE	\$	75,956	75,176	780	1.0%		1,151,736	1,138,731	13,005	1.1%		
5.8	SALES UNIT RATE	\$/m³	0.2470	0.2459	0.0012	0.5%		0.2356	0.2344	0.0012	0.5%		
5.9	T-SERVICE UNIT RATE	\$/m³	0.1269	0.1256	0.0013	1.0%		0.1154	0.1141	0.0013	1.1%		
5.10	SALES UNIT RATE	\$/GJ	6.4301	6.4000	0.0301	0.5%		6.1322	6.1020	0.0301	0.5%		
5.11	T-SERVICE UNIT RATE	\$/GJ	3.3029	3.2690	0.0339	1.0%		3.0049	2.9710	0.0339	1.1%		
Rate 110 - Average Ind. Firm - 75% LF							Rate 115 - Large Ind. Firm - 80% LF						
			(A)	(B)	CHANGE					(A)	(B)	CHANGE	
					(A) - (B)	%						(A) - (B)	%
6.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%		69,832,850	69,832,850	0	0.0%		
6.2	CUSTOMER CHG.	\$	7,048	7,048	0	0.0%		7,471	7,471	0	0.0%		
6.3	DISTRIBUTION CHG.	\$	524,841	511,437	13,404	2.6%		3,310,687	3,260,603	50,085	1.5%		
6.4	LOAD BALANCING	\$	572,889	573,288	(399)	-0.1%		3,863,572	3,869,718	(6,145)	-0.2%		
6.5	SALES COMMDTY	\$	1,198,621	1,200,077	(1,457)	-0.1%		8,390,347	8,400,543	(10,196)	-0.1%		
6.6	TOTAL SALES	\$	2,303,399	2,291,851	11,548	0.5%		15,572,078	15,538,334	33,744	0.2%		
6.7	TOTAL T-SERVICE	\$	1,104,778	1,091,773	13,005	1.2%		7,181,731	7,137,792	43,939	0.6%		
6.8	SALES UNIT RATE	\$/m³	0.2309	0.2297	0.0012	0.5%		0.2230	0.2225	0.0005	0.2%		
6.9	T-SERVICE UNIT RATE	\$/m³	0.1107	0.1094	0.0013	1.2%		0.1028	0.1022	0.0006	0.6%		
6.10	SALES UNIT RATE	\$/GJ	6.0097	5.9795	0.0301	0.5%		5.8040	5.7915	0.0126	0.2%		
6.11	T-SERVICE UNIT RATE	\$/GJ	2.8824	2.8485	0.0339	1.2%		2.6768	2.6604	0.0164	0.6%		



**ANNUAL BILL COMPARISON - LARGE VOLUME CUSTOMERS**  
**INCLUDING CAP AND TRADE IMPACTS FOR NON-LARGE FINAL EMITTERS**

**(A) EB-2017-0086 @ 38.42 MJ/m<sup>3</sup> vs (B) EB-2017-0181 @ 38.42 MJ/m<sup>3</sup>**

No.			Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
Rate 135 - Seasonal Firm							Rate 170 - Average Ind. Interr. - 50% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
7.1	VOLUME	m³	598,567	598,567	0	0.0%	9,976,121	9,976,121	0	0.0%
7.2	CUSTOMER CHG.	\$	1,381	1,381	0	0.0%	3,352	3,352	0	0.0%
7.3	DISTRIBUTION CHG.	\$	31,065	30,611	454	1.5%	418,913	413,043	5,869	1.4%
7.4	LOAD BALANCING	\$	27,371	27,435	(64)	-0.2%	451,681	452,250	(569)	-0.1%
7.5	SALES COMMDTY	\$	71,959	72,162	(203)	-0.3%	1,198,621	1,200,077	(1,457)	-0.1%
7.6	TOTAL SALES	\$	131,776	131,589	187	0.1%	2,072,566	2,068,722	3,844	0.2%
7.7	TOTAL T-SERVICE	\$	59,817	59,427	390	0.7%	873,945	868,645	5,301	0.6%
7.8	SALES UNIT RATE	\$/m³	0.2202	0.2198	0.0003	0.1%	0.2078	0.2074	0.0004	0.2%
7.9	T-SERVICE UNIT RATE	\$/m³	0.0999	0.0993	0.0007	0.7%	0.0876	0.0871	0.0005	0.6%
7.10	SALES UNIT RATE	\$/GJ	5.7302	5.7220	0.0081	0.1%	5.4074	5.3974	0.0100	0.2%
7.11	T-SERVICE UNIT RATE	\$/GJ	2.6011	2.5841	0.0169	0.7%	2.2802	2.2663	0.0138	0.6%
Rate 170 - Average Ind. Interr. - 75% LF							Rate 170 - Large Ind. Interr. - 75% LF			
			(A)	(B)	CHANGE					
					(A) - (B)	%				
8.1	VOLUME	m³	9,976,120	9,976,120	0	0.0%	69,832,850	69,832,850	0	0.0%
8.2	CUSTOMER CHG.	\$	3,352	3,352	0	0.0%	3,352	3,352	0	0.0%
8.3	DISTRIBUTION CHG.	\$	411,728	405,859	5,869	1.4%	2,766,527	2,725,442	41,085	1.5%
8.4	LOAD BALANCING	\$	451,681	452,250	(569)	-0.1%	3,161,766	3,165,747	(3,980)	-0.1%
8.5	SALES COMMDTY	\$	1,198,621	1,200,077	(1,457)	-0.1%	8,390,347	8,400,543	(10,196)	-0.1%
8.6	TOTAL SALES	\$	2,065,381	2,061,537	3,844	0.2%	14,321,992	14,295,084	26,909	0.2%
8.7	TOTAL T-SERVICE	\$	866,760	861,460	5,301	0.6%	5,931,645	5,894,541	37,104	0.6%
8.8	SALES UNIT RATE	\$/m³	0.2070	0.2066	0.0004	0.2%	0.2051	0.2047	0.0004	0.2%
8.9	T-SERVICE UNIT RATE	\$/m³	0.0869	0.0864	0.0005	0.6%	0.0849	0.0844	0.0005	0.6%
8.10	SALES UNIT RATE	\$/GJ	5.3887	5.3786	0.0100	0.2%	5.3381	5.3281	0.0100	0.2%
8.11	T-SERVICE UNIT RATE	\$/GJ	2.2614	2.2476	0.0138	0.6%	2.2108	2.1970	0.0138	0.6%

REVENUE TO COST  
RATE OF RETURN COMPARISONS  
Year Ended December 31, 2018  
(millions of dollars)

ITEM	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 15	Col. 16	Col. 17	
NO.	DESCRIPTION																
1.	Sales and Transportation Revenue	2,970.17	1,790.04	1,061.57	0.00	0.00	46.44	12.77	11.13	2.79	3.52	8.82	29.75	0.06	1.85	1.42	0.00
2.	Unbilled Revenues	(0.66)	(0.55)	(0.15)	0.00	0.00	(0.04)	0.04	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00
3.	Total Revenues	2,966.91	1,789.50	1,061.42	0.00	0.00	46.40	12.81	11.13	2.79	3.54	8.83	29.75	0.06	1.85	1.42	17.40
4.	Cost of Service	2,986.91	1,778.56	1,066.63	0.00	0.00	46.89	13.11	11.61	3.11	5.74	10.92	29.71	0.10	1.85	1.42	17.37
5.	Over / Under Contribution	0.00	10.93	(5.21)	(0.00)	(0.00)	(0.49)	(0.30)	(0.48)	(0.31)	(2.19)	(2.09)	0.04	(0.04)	0.01	(0.00)	0.03
6.	Revenue to Cost Ratio	1.00	1.01	1.00	0.00	0.00	0.99	0.98	0.96	0.90	0.62	0.81	1.00	0.56	1.00	1.00	1.00
7.	Revenue to Cost Ratio (2017 Final Rate Order)	1.00	1.01	1.00	0.08	0.00	0.99	0.81	1.00	0.86	0.61	0.79	1.00	0.55	1.00	1.00	1.00

**REVENUE TO COST/  
RATE OF RETURN COMPARISONS  
EXCLUDING GAS SUPPLY COMMODITY  
Year Ended December 31, 2018**

(millions of dollars)

ITEM	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 15	Col. 16	Col. 17		
NO.	DESCRIPTION		Total	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 125	Rate 135	Rate 145	Rate 170	Rate 200	Rate 300	Rate 325 & 330	Direct Purchase	Rate 332
1.	Sales and Transportation Revenue	2,010.60	1,237.16	684.79	0.00	0.00	39.68	12.77	11.13	2.25	2.49	4.68	14.18	0.06	0.00	1.42	0.00	
2.	Unbilled Revenues	(0.66)	(0.55)	(0.15)	0.00	0.00	(0.04)	0.04	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	
3.	Total Revenues	2,027.34	1,236.61	684.64	0.00	0.00	39.64	12.81	11.13	2.25	2.51	4.69	14.18	0.06	0.00	1.42	17.40	
4.	Cost of Service	2,027.34	1,225.68	689.85	0.00	0.00	40.12	13.11	11.61	2.57	4.71	6.78	14.14	0.10	0.00	1.42	17.37	
5.	Over / Under Contribution	0.00	10.93	(5.21)	(0.00)	(0.00)	(0.49)	(0.30)	(0.48)	(0.31)	(2.19)	(2.09)	0.04	(0.04)	0.00	(0.00)	0.03	
6.	Revenue to Cost Ratio	1.00	1.01	0.99	0.00	0.00	0.99	0.98	0.96	0.88	0.53	0.69	1.00	0.56	0.00	1.00	1.00	
7.	Revenue to Cost Ratio (2017 Final Rate Order)	1.00	1.01	1.00	0.06	0.00	0.98	0.81	1.00	0.85	0.55	0.70	1.00	0.55	0.00	1.00	1.00	

**Functionalization of  
Ontario Utility Rate Base  
Year Ended December 31, 2018**

(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14
	Net Rate Base	Gas Supply	Storage	Sales Stations	Distribution Measurement	Services	Mains	Meters	Rental Equipment	Sales/ Marketing	Customer Accounting	Unidenti- fiable	CIS	HST Revenue
<b>1. Gas Supply</b>	1.56	0.00	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Distribution Plant</b>														
2.1 Land (incl offers to buy)	130.62	1.27	0.00	0.62	0.30	15.49	51.74	0.30	0.00	7.98	29.57	23.34	0.00	0.00
2.2 Structures & Improvements	97.59	0.95	0.00	0.46	0.22	11.57	9.38	0.22	0.00	15.72	41.61	17.44	0.00	0.00
2.3 Mains	2,601.85	0.00	0.00	0.00	0.00	0.00	2,601.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4 Meas. Reg. & Telemetering	354.18	0.00	0.00	164.06	190.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.5 Services	1,714.57	0.00	0.00	0.00	0.00	1,714.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.6 Meters	214.77	0.00	0.00	0.00	0.00	0.00	0.00	214.77	0.00	0.00	0.00	0.00	0.00	0.00
2. Total Distribution Plant	5,113.57	2.23	0.00	165.14	190.65	1,741.64	2,662.97	215.29	0.00	23.70	71.18	40.77	0.00	0.00
<b>General Plant</b>														
3.1 Land (incl offers to buy)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2 Structures & Improvements	7.59	0.00	0.00	0.00	0.00	2.55	0.34	0.00	0.00	0.95	2.88	1.06	0.00	0.00
3.3 Office Furniture & Equip.	18.24	0.03	0.02	0.02	2.24	2.94	3.65	0.84	0.30	0.44	0.57	7.18	0.00	0.00
3.4 Transportation Equipment	23.57	0.00	0.00	0.00	0.06	6.99	15.76	0.00	0.00	0.77	0.00	0.00	0.00	0.00
3.5 Heavy Work Equipment	14.75	0.00	0.00	0.00	0.03	4.37	9.86	0.00	0.00	0.48	0.00	0.00	0.00	0.00
3.6 Tools & Work Equip.	21.92	0.00	0.00	0.00	0.00	10.96	10.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.7 Rental Equip.	14.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.86	0.00	0.00	0.00	0.00	0.00
3.8 Communication Equip.	1.11	0.02	0.00	0.01	0.31	0.10	0.14	0.00	0.00	0.10	0.19	0.24	0.00	0.00
3.9 Compressors	0.49	0.00	0.00	0.00	0.00	0.15	0.33	0.00	0.00	0.02	0.00	0.00	0.00	0.00
3.10 Computer Equipment	(6.12)	(0.15)	(0.02)	(0.14)	(0.52)	(0.99)	(1.60)	(0.52)	(0.01)	(0.05)	(1.41)	(0.71)	0.00	0.00
3.11 Software Acquired/Developed	50.73	1.22	0.17	1.18	4.31	8.18	13.25	4.31	0.08	0.45	11.71	5.87	0.00	0.00
3.12 WAMS	53.70	1.29	0.18	1.25	4.56	8.66	14.02	4.56	0.08	0.48	12.40	6.21	0.00	0.00
3.13 CIS	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00
3. Total General Plant	207.84	2.41	0.36	2.32	10.99	43.91	66.71	9.19	15.31	3.63	26.14	19.85	7.00	0.00
<b>4. Plant Held for Future Use</b>	0.33	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Other Items</b>														
5.1 Working Capital Allowance	341.64	393.85	5.42	(0.11)	(0.34)	15.38	23.80	0.00	0.00	(0.98)	(66.69)	0.73	0.00	(29.42)
5. Total Other Items	341.64	393.85	5.42	(0.11)	(0.34)	15.38	23.80	0.00	0.00	(0.98)	(66.69)	0.73	0.00	(29.42)
<b>6. Total Rate Base</b>	5,664.94	398.49	7.33	167.35	201.30	1,801.26	2,753.47	224.49	15.31	26.35	30.64	61.36	7.00	(29.42)

**Functionalization of  
Ontario Utility Working Capital  
Year Ended December 31, 2018**  
(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
	Total	Gas	Storage	Sales	Distribution	Services	Mains	Sales/ Marketing	Customer Accounting	Unidenti- fiable	HST Revenue
Requirement	Supply			Stations	Measurement						
<b>Working Capital Allowance</b>											
1. Prepaid Expenses	1.00	0.00	0.00	0.00	0.00	0.12	0.12	0.01	0.00	0.75	0.00
<b>Materials &amp; Supplies</b>											
2.1 NGV Inventory	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00
2.2 Pipe	6.27	0.00	0.00	0.00	0.00	1.43	4.84	0.00	0.00	0.00	0.00
2.3 Warehouse Inventory	5.77	0.00	0.00	0.00	0.00	2.89	2.89	0.00	0.00	0.00	0.00
2.4 Holding Account	18.84	0.00	0.00	0.00	0.00	9.42	9.42	0.00	0.00	0.00	0.00
3. Mortgages Receivable	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Rebilled Construction Work	1.40	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00
5. Gas in Inventory	370.90	370.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Customer Security Deposits	(64.60)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(64.60)	0.00	0.00
<b>Working Cash Allowance</b>											
7.1 Gas Costs/O&M	(0.97)	7.55	1.78	(0.18)	(0.55)	(0.78)	(2.62)	(2.69)	(3.45)	(0.03)	0.00
7.2 HST	2.40	15.41	3.63	0.07	0.22	2.31	7.76	1.06	1.35	0.01	(29.42)
8. <b>Total Working Capital</b>	341.64	393.85	5.42	(0.11)	(0.34)	15.38	23.80	(0.98)	(66.69)	0.73	(29.42)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13
	Investment and Revenues	Gas Supply	Storage	Sales Stations	Distribution Measurement	Services	Mains	Meters	Rental Equipment	Sales/ Marketing	Customer Accounting	Unidenti- fiable	CIS
Investment Costs													
1.1	Depreciation	1.18	0.16	6.72	10.89	74.61	108.78	47.02	2.25	2.41	14.94	8.64	12.71
1.2	Municipal Taxes	0.02	0.00	0.23	0.22	13.24	32.55	0.01	0.00	0.38	1.00	0.42	0.00
1.3	Capital Taxes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.	Total Investments	1.21	0.16	6.94	11.11	87.84	141.33	47.03	2.25	2.78	15.94	9.06	12.71
Miscellaneous Revenues													
2.1	Rentals	(1.10)	0.00	0.00	0.00	0.00	0.00	0.00	(1.10)	0.00	0.00	0.00	0.00
2.2	Transactional Services	(6.00)	(6.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	Miscellaneous Income	(1.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.00)	0.00
2.4	Late Payment Penalties	(10.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(10.10)	0.00	0.00
2.5	Open Bill Revenue	(5.40)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(5.40)	0.00	0.00
2.6	Customer Accounting Charge	(9.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(9.09)	0.00	0.00
2.7	Meter Charge	(1.03)	0.00	0.00	0.00	0.00	0.00	(1.03)	0.00	0.00	0.00	0.00	0.00
2.8	Service Alteration Charge	(1.36)	0.00	0.00	0.00	(1.36)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.	Total Revenues	(35.08)	(6.12)	0.12	0.00	(1.36)	0.00	(1.03)	(1.10)	0.00	(24.59)	(1.00)	0.00
3.	Net Investments Total	303.28	(4.91)	0.27	6.94	86.48	141.33	46.00	1.15	2.78	(8.65)	8.06	12.71

Functionalization of  
Ontario Utility O&M  
Year Ended December 31, 2018

(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	Cost of Service	Fringe Benefits	Sub-Total	Supervision	Sub-Total	A&G Overhead	Total
<b>Gas Supply</b>							
1.1 Gas Purchased	1,592.95	0.00	1,592.95	0.00	1,592.95	0.00	1,592.95
1.2 Gas Storage	192.37	2.43	194.80	0.00	194.80	0.00	194.80
1.3 A&G	0.00	0.00	0.00	0.00	0.00	10.47	10.47
1.4 System Gas Management	0.97	0.58	1.55	0.00	1.55	0.00	1.55
1.5 Direct Purchase Management	1.07	0.36	1.42	0.00	1.42	0.00	1.42
1. Total Gas Supply	1,787.35	3.37	1,790.72	0.00	1,790.72	10.47	1,801.19
<b>Distribution Costs</b>							
<b>Operating Costs</b>							
2.1.1 Chart Processing	0.04	0.00	0.04	0.03	0.07	0.01	0.08
2.1.2 Distribution Sta.	1.29	0.70	1.99	1.17	3.16	0.62	3.78
2.1.3 Sub-total	1.33	0.70	2.03	1.20	3.23	0.63	3.86
2.1.4 Supervision M&R	0.46	0.37	0.82	(0.82)	0.00	0.00	0.00
2.1.5 System Operation	46.47	10.42	56.89	10.50	67.39	13.13	80.52
2.1.6 Sub-total	48.26	11.49	59.75	10.87	70.62	13.76	84.38
2.1.7 Supervision Dist Op	7.16	3.71	10.87	(10.87)	0.00	0.00	0.00
2.1.8 Gas Dispatched	4.97	2.07	7.04	0.00	7.04	1.37	8.41
2.1 Total Operating Costs	60.39	17.27	77.65	0.00	77.65	15.14	92.79
<b>Maintenance Costs</b>							
2.2.1 Distribution Sys Reg	1.19	0.07	1.26	3.17	4.43	0.86	5.29
2.2.2 Sales Meters	0.83	0.34	1.17	2.94	4.11	0.80	4.92
2.2.3 Other Meters	1.86	0.93	2.79	7.02	9.82	1.91	11.73
2.2.4 Instruments	0.87	0.37	1.24	3.12	4.37	0.85	5.22
2.2.5 Sub-total M&R	4.75	1.72	6.47	16.26	22.73	4.43	27.16
2.2.6 Supervision M&R	6.18	2.55	8.73	(8.73)	0.00	0.00	0.00
2.2.7 Mains	9.14	2.69	11.83	13.77	25.59	4.99	30.58
2.2.8 Structures	0.31	0.17	0.47	0.55	1.02	0.20	1.22
2.2.9 Sub-total Mntce	20.38	7.12	27.50	21.85	49.35	9.62	58.96
2.2.10 Supervision Dist Mntce	15.06	6.78	21.85	(21.85)	0.00	0.00	0.00
2.2 Total Maintenance Costs	35.44	13.90	49.35	0.00	49.35	9.62	58.96
2. Total Distribution Costs	95.83	31.17	127.00	0.00	127.00	24.75	151.75

Functionalization of  
Ontario Utility O&M  
Year Ended December 31, 2018

(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	Cost of Service	Fringe Benefits	Sub-Total	Supervision	Sub-Total	A&G Overhead	Total
<b>Customer Service Costs</b>							
<b>Operating Costs</b>							
3.1.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.1.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.1.3	2.28	0.53	2.81	1.10	3.91	0.76	4.68
3.1.4	2.28	0.53	2.81	1.10	3.91	0.76	4.68
3.1.5	9.86	0.84	10.70	4.20	14.90	2.90	17.80
3.1.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.1.7	12.14	1.37	13.51	5.30	18.81	3.67	22.48
3.1.8	5.25	2.57	7.82	(7.82)	0.00	0.00	0.00
3.1	17.39	3.94	21.33	(2.52)	18.81	3.67	22.48
<b>Maintenance Costs</b>							
3.2.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2.2	4.69	1.72	6.41	2.52	8.92	1.74	10.66
3.2	4.69	1.72	6.41	2.52	8.92	1.74	10.66
3.	22.08	5.65	27.73	0.00	27.73	5.41	33.14
<b>Sales/Marketing Costs</b>							
4.1	2.73	0.65	3.38	1.19	4.57	0.89	5.47
4.2	1.11	1.16	2.27	0.80	3.07	0.60	3.67
4.3	0.81	0.82	1.63	0.57	2.20	0.43	2.63
4.4	2.77	1.59	4.35	1.53	5.89	1.15	7.03
4.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.6	0.76	0.38	1.14	0.40	1.54	0.30	1.85
4.7	2.39	1.43	3.82	1.35	5.16	1.01	6.17
4.8	10.56	6.03	16.59	5.85	22.44	4.37	26.81
4.9	3.95	1.90	5.85	(5.85)	0.00	0.00	0.00
4.10	55.65	0.00	55.65	0.00	55.65	10.85	66.50
4.11	11.91	5.18	17.08	0.00	17.08	3.33	20.41
4.	82.06	13.11	95.17	0.00	95.17	18.55	113.72



**Functionalization of  
Ontario Utility O&M  
Year Ended December 31, 2018**  
-----  
(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
	Cost of Service	Fringe Benefits	Sub-Total	Supervision	Sub-Total	A&G Overhead	Total
<b>Customer Accounting Costs</b>							
5.1 Billing	46.63	1.26	47.89	12.35	60.23	11.74	71.98
5.2 Service & Billing Enquiry	10.70	0.00	10.70	2.76	13.46	2.62	16.09
5.3 Meter Reading	11.35	0.00	11.35	2.93	14.27	2.78	17.05
5.4 Credit & Collection	17.29	0.00	17.29	4.46	21.75	4.24	25.99
5.5 Sub-total	85.97	1.26	87.23	22.49	109.72	21.39	131.11
5.6 Supervision	22.23	0.26	22.49	(22.49)	0.00	0.00	0.00
5.7 Large Volume Customer Care	2.58	0.03	2.61	0.00	2.61	0.51	3.12
5.8 Uncollectible Accounts	9.72	0.00	9.72	0.00	9.72	1.89	11.62
5. Total Customer Accounting	120.50	1.55	122.05	0.00	122.05	23.79	145.84
6. Fringe Benefits	74.22	(74.22)	0.00	0.00	0.00	0.00	0.00
7. Admin & Gen Overhead	63.60	19.37	82.97	0.00	82.97	(82.97)	0.00
8. Sub-total A&G and F/B	137.82	(54.85)	82.97	0.00	82.97	(82.97)	0.00
9. <b>Total Operating &amp; Maintenance</b>	2,245.65	(0.00)	2,245.65	0.00	2,245.65	(0.00)	2,245.65
10. Fixed Financing Costs	1.90	0.00	1.90	0.00	1.90	0.00	1.90
11. <b>TOTAL O&amp;M EXPENSE</b>	2,247.55	(0.00)	2,247.55	0.00	2,247.55	(0.00)	2,247.55

**CLASSIFICATION OF RATE BASE**  
 Year Ended December 31, 2018

(millions of dollars)

Item No.	Description	Total	Specific Classes	Winter Commodity	Annual Commodity	Peak	Seasonal	Annual	Deliverability	Space	Winter	TP		HP		LP	Commodity
												Capacity <=4"	>4"	Capacity	Capacity		
<div>----- GAS SUPPLY -----</div> <div>----- PRODUCT COSTS ----</div> <div>----- LOAD BALANCING -----</div> <div>----- STORAGE COSTS -----</div> <div>----- DISTRIBUTION COSTS -----</div>																	
<b>GAS SUPPLY</b>																	
1.	Gas Supply	398.49	0.00	0.00	27.29	0.00	370.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
2.	Storage	7.33	0.00	0.00	0.00	0.00	0.00	0.00	4.83	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DISTRIBUTION</b>																	
3.	Mains	2,753.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.08	611.20	193.43	1,047.26	0.00	0.00
4.	Distribution Reg.	201.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.04	64.12	20.29	109.86	0.00	0.00
<b>CUSTOMER</b>																	
5.	Sales Station	167.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.	Meters	224.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.	Services	1,801.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.	Rental Equipment	15.31	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.	Sales/Marketing	26.35	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	4.20	1.33	7.19	0.00	0.00
10.	Customer Accounting	30.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.	HST Revenue	(29.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.	<b>Sub-total</b>	5,596.58	1.87	0.00	27.29	0.00	370.90	0.00	4.83	2.50	0.00	74.58	679.52	215.04	1,164.32	0.30	0.00
13.	Unidentifiable	61.36	0.02	0.00	0.30	0.00	4.04	0.00	0.05	0.03	0.00	0.81	7.41	2.35	12.70	0.00	0.00
14	CIS	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.	<b>Total Classified</b>	5,664.94	1.89	0.00	27.58	0.00	374.94	0.00	4.88	2.53	0.00	75.39	686.93	217.39	1,177.01	0.31	0.00

**CLASSIFICATION OF RATE BASE**  
**Year Ended December 31, 2018**

(millions of dollars)

Item No.	Description	----- CUSTOMER RELATED INVESTMENTS -----					----- NUMBER OF CUSTOMERS -----					Col. 26	Col. 27
		Col. 16	Col. 17	Col. 18	Col. 19	Col. 20	Col. 21	Col. 22	Col. 23	Col. 24	Col. 25		
		Meters	Sales Stations	Services	Customer Plant	Rentals	Commercial/ Industrial	Contracts	Direct Purchase	Total	Readings Processed	CIS	HST Revenue
<b>GAS SUPPLY</b>													
1.	Gas Supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.	Storage	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>DISTRIBUTION</b>													
3.	Mains	0.00	0.00	0.00	834.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.	Distribution Reg.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CUSTOMER</b>													
5.	Sales Station	0.00	167.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6.	Meters	224.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.	Services	0.00	0.00	1,801.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.	Rental Equipment	0.00	0.00	0.00	0.00	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9.	Sales/Marketing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.81	0.00	0.00	0.00
10.	Customer Accounting	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.64	0.00	0.00	0.00
11.	HST Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(29.42)
12.	<b>Sub-total</b>	224.49	167.35	1,801.26	834.50	13.80	0.00	0.00	0.00	43.45	0.00	0.00	(29.42)
13.	Unidentifiable	2.45	1.83	19.64	9.10	0.15	0.00	0.00	0.00	0.47	0.00	0.00	0.00
14	CIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00
15.	<b>Total Classified</b>	226.93	169.18	1,820.91	843.60	13.95	0.00	0.00	0.00	43.92	0.00	7.00	(29.42)

CLASSIFICATION OF NET INVESTMENT  
 Year Ended December 31, 2018

(millions of dollars)

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Col. 16	Col. 17			
	----- GAS SUPPLY -----																			
	----- PRODUCT COSTS -----				----- LOAD BALANCING -----				----- STORAGE COSTS -----				----- DISTRIBUTION COSTS -----							
Item	No.	Description	Total	Specific Classes	Winter Commodity	Annual Commodity	Peak	Seasonal	Annual	Peak	DSM Annual	DSM Peak	Deliverability	Space	Winter	TP Capacity <=4"	TP Capacity >4"	HP Capacity	LP Capacity	Commodity
	<b>GAS SUPPLY</b>																			
	1.	Gas Supply	(4.91)	0.00	0.00	0.09	0.00	1.17	(6.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
	2.	Storage	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.09	0.00	0.00	0.00	0.00	0.00	0.00
	<b>DISTRIBUTION</b>																			
	3.	Mains	141.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.44	31.37	9.93	53.75	0.00
	4.	Distribution Reg.	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	3.54	1.12	6.07	0.00
	<b>CUSTOMER</b>																			
	5.	Sales Station	6.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	6.	Meters	46.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	7.	Services	86.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	8.	Rental Equipment	1.15	(0.36)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	9.	Sales/Marketing	2.78	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.44	0.14	0.76	0.00
	10.	Customer Accounting	(8.65)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	11.	<b>Sub-total</b>	282.52	(0.32)	0.00	0.09	0.00	1.17	(6.12)	0.00	0.00	0.00	0.18	0.09	0.00	3.88	35.36	11.19	60.58	(0.05)
	12.	Unidentifiable	8.06	0.00	0.00	0.04	0.00	0.53	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.11	0.97	0.31	1.67	0.00
	13	CIS	12.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	14.	<b>Total Classified</b>	303.28	(0.32)	0.00	0.13	0.00	1.71	(6.12)	0.00	0.00	0.00	0.19	0.10	0.00	3.99	36.33	11.50	62.25	(0.05)

(millions of dollars)

CLASSIFICATION OF O&M COSTS  
Year Ended December 31, 2018

(millions of dollars)

Item No.	Description	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12
----- GAS SUPPLY -----													
----- PRODUCT COSTS -----   ----- LOAD BALANCING -----   ----- STORAGE COSTS -----													
		Total	Specific Classes	Winter Commodity	Annual Commodity	System Gas	Bad Debt Commodity	Peak	Seasonal	Transportation Annual	Deliverability	Space	Winter
<b>GAS SUPPLY</b>													
1.1	Gas Purchased	1,592.95	0.00	0.00	950.75	0.00	0.00	13.52	109.04	498.99	0.00	0.00	0.00
1.2	Stored Gas	194.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.29	66.51	0.00
1.3	A&G	10.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.4	System Gas Management	1.55	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.5	Direct Purchase Management	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.	Total Gas Supply	1,801.19	0.00	0.00	950.75	1.55	0.00	13.52	109.04	498.99	128.29	66.51	0.00
<b>DISTRIBUTION</b>													
<b>OPERATING COSTS</b>													
2.1	Chart Processing	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.2	District Stations	3.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	System Operations	80.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Gas Dispatched	8.41	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MAINTENANCE COSTS</b>													
2.5	Dist. System Reg.	5.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.6	Sales Meters	4.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.7	Other Meters	11.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.8	Instruments	5.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.9	Mains	30.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.10	Structures	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.	Total Distribution Costs	151.75	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CUSTOMER SERVICE</b>													
<b>OPERATING COSTS</b>													
3.1	Appliance Inspection	4.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2	Locks/Unlocks/Exchanges	17.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>MAINTENANCE COSTS</b>													
3.3	Service Lines	10.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.	Total Customer Service	33.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>SALES/MARKETING</b>													
4.1	Residential	5.47	5.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.2	Commercial	3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.3	Industrial	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.4	General Promotion	7.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.5	Merchandising Ex.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.6	NGV Operation	1.85	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.7	Contract Administration	6.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.8	DSM - Program	66.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.9	DSM - General	20.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.	Total Promotions	113.72	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>CUSTOMER ACCOUNTING</b>													
5.1	Billing	71.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.2	Enquiry	16.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.3	Readings	17.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4	Credit	25.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5	Large Volume Customer Care	3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.6	Uncollectibles	11.62	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	0.00	0.00
5.	Total Customer Accounting	145.84	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	0.00	0.00
6.	<b>Total O&amp;M</b>	<b>2,245.65</b>	<b>7.40</b>	<b>0.00</b>	<b>950.75</b>	<b>1.55</b>	<b>3.35</b>	<b>13.52</b>	<b>109.04</b>	<b>498.99</b>	<b>128.29</b>	<b>66.51</b>	<b>0.00</b>
7.	Fixed Financing Costs	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.	<b>Total O&amp;M Expense</b>	<b>2,247.55</b>	<b>7.40</b>	<b>0.00</b>	<b>950.75</b>	<b>1.55</b>	<b>3.35</b>	<b>13.52</b>	<b>109.04</b>	<b>498.99</b>	<b>128.29</b>	<b>66.51</b>	<b>0.00</b>

**CLASSIFICATION OF O&M COSTS**  
Year Ended December 31, 2018

(millions of dollars)

		Col. 13	Col. 14	Col. 15	Col. 16	Col. 17	Col. 18	Col. 19	Col. 20	Col. 21	Col. 22	Col. 23	Col. 24
		----- DISTRIBUTION COSTS -----						----- CUSTOMER RELATED INVESTMENTS -----					
Item		TP Capacity	TP Capacity	HP									
No.	Description	<=4"	>4"	Capacity	LP Capacity	Commodity	Bad Debt	DSM	Meters	Sales	Services	Customer	Rentals
							Distribution			Stations		Plant	
GAS SUPPLY													
1.1	Gas Purchased	0.00	0.00	0.00	0.00	20.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Stored Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	A&G	1.04	9.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.4	System Gas Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.5	Direct Purchase Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.	Total Gas Supply	1.04	9.44	0.00	0.00	20.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DISTRIBUTION													
OPERATING COSTS													
2.1	Chart Processing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.2	District Stations	0.13	1.20	0.38	2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	System Operations	1.96	17.87	5.66	30.63	0.00	0.00	0.00	0.00	0.00	0.00	24.40	0.00
2.4	Gas Dispatched	0.82	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE COSTS													
2.5	Dist. System Reg.	0.19	1.69	0.53	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.6	Sales Meters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	0.00	0.00	0.00
2.7	Other Meters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.73	0.00	0.00	0.00	0.00
2.8	Instruments	0.52	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.9	Mains	0.46	4.21	1.33	13.68	0.00	0.00	0.00	0.00	0.00	0.00	10.90	0.00
2.10	Structures	0.24	0.03	0.01	0.06	0.01	0.00	0.00	0.01	0.00	0.18	0.04	0.00
2.	Total Distribution Costs	4.32	37.20	7.91	49.31	0.01	0.00	0.00	11.74	4.92	0.18	35.35	0.00
CUSTOMER SERVICE													
OPERATING COSTS													
3.1	Appliance Inspection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2	Locks/Unlocks/Exchanges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE COSTS													
3.3	Service Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.66	0.00	0.00
3.	Total Customer Service	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.66	0.00	0.00
SALES/MARKETING													
4.1	Residential	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.2	Commercial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.3	Industrial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.4	General Promotion	0.70	6.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.5	Merchandising Ex.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.6	NGV Operation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.7	Contract Administration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.8	DSM - Program	0.00	0.00	0.00	0.00	0.00	0.00	66.50	0.00	0.00	0.00	0.00	0.00
4.9	DSM - General	0.00	0.00	0.00	0.00	0.00	0.00	20.41	0.00	0.00	0.00	0.00	0.00
4.	Total Promotions	0.70	6.34	0.00	0.00	0.00	0.00	86.90	0.00	0.00	0.00	0.00	0.00
CUSTOMER ACCOUNTING													
5.1	Billing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.2	Enquiry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.3	Readings	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.4	Credit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5	Large Volume Customer Care	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.6	Uncollectibles	0.00	0.00	0.00	0.00	0.00	8.27	0.00	0.00	0.00	0.00	0.00	0.00
5.	Total Customer Accounting	0.00	0.00	0.00	0.00	0.00	8.27	0.00	0.00	0.00	0.00	0.00	0.00
6.	Total O&M	6.05	52.97	7.91	49.31	20.66	8.27	86.90	11.74	4.92	10.84	35.35	0.00
7.	Fixed Financing Costs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8.	Total O&M Expense	6.05	52.97	7.91	49.31	20.66	8.27	86.90	11.74	4.92	10.84	35.35	0.00

**CLASSIFICATION OF O&M COSTS**  
**Year Ended December 31, 2018**

(millions of dollars)

		Col. 25	Col. 26	Col. 27	Col. 28	Col. 29	Col. 30	Col. 31
		----- NUMBER OF CUSTOMERS -----						
Item No.	Description	Commercial/ Industrial	Contracts	Direct Purchase	Total	Readings Processed	LV CC	Fixed Financing
<b>GAS SUPPLY</b>								
1.1	Gas Purchased	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2	Stored Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.3	A&G	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.4	System Gas Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.5	Direct Purchase Management	0.00	0.00	1.42	0.00	0.00	0.00	0.00
1.	Total Gas Supply	0.00	0.00	1.42	0.00	0.00	0.00	0.00
<b>DISTRIBUTION</b>								
OPERATING COSTS								
2.1	Chart Processing	0.00	0.00	0.00	0.00	0.08	0.00	0.00
2.2	District Stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.3	System Operations	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.4	Gas Dispatched	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAINTENANCE COSTS								
2.5	Dist. System Reg.	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.6	Sales Meters	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.7	Other Meters	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.8	Instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.9	Mains	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.10	Structures	0.00	0.00	0.00	0.64	0.00	0.00	0.00
2.	Total Distribution Costs	0.00	0.00	0.00	0.64	0.08	0.00	0.00
<b>CUSTOMER SERVICE</b>								
OPERATING COSTS								
3.1	Appliance Inspection	0.00	0.00	0.00	4.68	0.00	0.00	0.00
3.2	Locks/Unlocks/Exchanges	0.00	0.00	0.00	17.80	0.00	0.00	0.00
MAINTENANCE COSTS								
3.3	Service Lines	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.	Total Customer Service	0.00	0.00	0.00	22.48	0.00	0.00	0.00
<b>SALES/MARKETING</b>								
4.1	Residential	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.2	Commercial	3.67	0.00	0.00	0.00	0.00	0.00	0.00
4.3	Industrial	2.63	0.00	0.00	0.00	0.00	0.00	0.00
4.4	General Promotion	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.5	Merchandising Ex.	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.6	NGV Operation	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.7	Contract Administration	0.00	6.17	0.00	0.00	0.00	0.00	0.00
4.8	DSM - Program	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.9	DSM - General	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.	Total Promotions	6.30	6.17	0.00	0.00	0.00	0.00	0.00
<b>CUSTOMER ACCOUNTING</b>								
5.1	Billing	0.00	0.00	0.00	71.98	0.00	0.00	0.00
5.2	Enquiry	0.00	0.00	0.00	16.09	0.00	0.00	0.00
5.3	Readings	0.00	0.00	0.00	0.00	17.05	0.00	0.00
5.4	Credit	0.00	0.00	0.00	25.99	0.00	0.00	0.00
5.5	Large Volume Customer Care	3.12	0.00	0.00	0.00	0.00	0.00	0.00
5.6	Uncollectibles	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.	Total Customer Accounting	3.12	0.00	0.00	114.05	17.05	0.00	0.00
6.	<b>Total O&amp;M</b>	9.42	6.17	1.42	137.17	17.14	0.00	0.00
7.	Fixed Financing Costs	0.00	0.00	0.00	0.00	0.00	0.00	1.90
8.	<b>Total O&amp;M Expense</b>	9.42	6.17	1.42	137.17	17.14	0.00	1.90



ALLOCATION OF RATE BASE  
Year Ended December 31, 2018

(millions of dollars)

ITEM NO	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15	Allocation Factors G2.6.3.1
	Rate Base	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 125	Rate 135	Rate 145	Rate 170	Rate 200	Rate 300	Rate 300 Int			
<b>SUPPLY COST</b>																	
<b>PRODUCT COST</b>																	
1.1	Annual Commodity	27.58	15.93	10.84	0.00	0.00	0.20	0.00	0.00	0.02	0.03	0.12	0.45	0.00	0.00		1.1
1	Total Gas Cost	27.58	15.93	10.84	0.00	0.00	0.20	0.00	0.00	0.02	0.03	0.12	0.45	0.00	0.00		
<b>PIPELINE TRANSPORTATION</b>																	
2.1	Peak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.4
2.2	Seasonal	374.94	182.44	175.04	0.00	6.55	1.60	0.00	0.00	0.00	0.94	2.39	6.00	0.00	0.00		3.2
2.3	Annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.2
2	Total Pipeline Trans. Cost	374.94	182.44	175.04	0.00	6.55	1.60	0.00	0.00	0.00	0.94	2.39	6.00	0.00	0.00		
<b>FACILITIES' COST</b>																	
<b>STORAGE FACILITIES</b>																	
3.1	Deliverability	4.88	2.68	2.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00		3.1
3.2	Space	2.53	1.23	1.18	0.00	0.04	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.00	0.00		3.2
3	Total Storage	7.41	3.91	3.32	0.00	0.06	0.02	0.00	0.00	0.00	0.01	0.02	0.09	0.00	0.00		
<b>DISTRIBUTION FACILITIES</b>																	
4.1	Capacity TP > 4"	686.93	318.29	279.18	0.00	15.56	9.64	55.20	0.03	0.64	0.62	0.62	7.67	0.09	0.00		2.1
4.2	Capacity TP <= 4"	75.39	37.98	33.32	0.00	1.86	1.15	0.00	0.00	0.08	0.07	0.92	0.01	0.00	0.00		2.2
4.3	Capacity HP	217.39	110.87	97.25	0.00	5.42	3.36	0.00	0.01	0.22	0.22	0.00	0.03	0.00	0.00		2.3
4.4	Capacity LP	1,177.01	605.47	531.08	0.00	29.61	8.22	0.00	0.06	1.21	1.19	0.00	0.18	0.00	0.00		2.4
4.5	Commodity	0.31	0.13	0.13	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00		1.3
4.6	Customer Plant	843.60	778.69	64.75	0.00	0.10	0.01	0.00	0.02	0.01	0.01	0.00	0.00	0.00	0.00		2.5
4	Total Distribution	3,000.63	1,851.44	1,005.71	0.00	52.57	22.40	55.20	0.13	2.16	2.12	8.59	0.31	0.00	0.00		
<b>CUSTOMER RELATED</b>																	
5.1	Meters	226.93	127.38	95.28	0.00	2.26	0.23	0.93	0.36	0.27	0.21	0.00	0.00	0.01	0.00		4.1
5.2	Sales Stations	169.18	12.65	143.29	0.00	5.89	1.14	0.00	2.40	1.63	2.06	0.00	0.12	0.00	0.00		4.2
5.3	Services	1,820.91	1,616.04	199.00	0.00	2.84	0.36	0.24	0.34	0.77	1.30	0.00	0.01	0.00	0.00		4.3
5.4	Rentals	13.95	2.79	11.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.4
5.5	Comm / Ind. Customers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.6
5.6	Contracts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.7
5.7	Direct Purchase	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.12
5.8	Total Customers	43.92	40.54	3.37	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.5
5.9	Specific Classes	1.89	0.50	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5.10	Readings Processed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.8 & 4.9
5.11	HST Revenue	(29.42)	(16.99)	(11.56)	0.00	(0.21)	0.00	0.00	(0.02)	(0.03)	(0.13)	(0.48)	0.00	0.00	0.00		1.2
5	Total Customer Related	2,247.37	1,782.91	441.95	0.00	10.79	1.73	1.17	3.08	2.64	3.45	(0.48)	0.13	0.00	0.00		
6	Total Rate Base	5,657.94	3,836.63	1,636.86	0.00	70.16	25.74	56.37	3.22	5.77	8.09	14.64	0.45	0.00	0.00		
7	CIS	7.00	6.46	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
8	Total Rate Base + CIS	5,664.94	3,843.09	1,637.40	0.00	70.16	25.74	56.37	3.22	5.77	8.09	14.64	0.45	0.00	0.00		

\* G2.6.3 refers to Exhibit G2, Tab 6, Schedule 3.

ALLOCATION OF RETURN & TAXES  
Year Ended December 31, 2018  
(millions of dollars)

ITEM NO.	DESCRIPTION	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15
		RATE BASE	RETURN & TAXES	1	6	9	100	110	115	125	135	145	170	200	300	300 Int.
<b>SUPPLY COST</b>																
<b>PRODUCT COST</b>																
1.1	Annual Commodity	27.58	1.94	1.12	0.76	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00
1	Total Gas Cost	27.58	1.94	1.12	0.76	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00
<b>PIPELINE TRANSPORTATION</b>																
2.1	Peak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.2	Seasonal	374.94	26.37	12.83	12.31	0.00	0.00	0.46	0.11	0.00	0.00	0.07	0.17	0.42	0.00	0.00
2.3	Annual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Total Pipeline Trans. Cost	374.94	26.37	12.83	12.31	0.00	0.00	0.46	0.11	0.00	0.00	0.07	0.17	0.42	0.00	0.00
<b>FACILITIES' COST</b>																
<b>STORAGE FACILITIES</b>																
3.1	Deliverability	4.88	0.34	0.19	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2	Space	2.53	0.18	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Total Storage	7.41	0.52	0.28	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
<b>DISTRIBUTION FACILITIES</b>																
4.1	Capacity TP > 4"	686.93	48.32	22.39	19.64	0.00	0.00	1.09	0.68	3.88	0.00	0.04	0.04	0.54	0.01	0.00
4.2	Capacity TP <= 4"	75.39	5.30	2.67	2.34	0.00	0.00	0.13	0.08	0.00	0.00	0.01	0.01	0.06	0.00	0.00
4.3	Capacity HP	217.39	15.29	7.80	6.84	0.00	0.00	0.38	0.24	0.00	0.00	0.02	0.02	0.00	0.00	0.00
4.4	Capacity LP	1,177.01	82.79	42.59	37.35	0.00	0.00	2.08	0.58	0.00	0.00	0.09	0.08	0.00	0.01	0.00
4.5	Commodity	0.31	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4.6	Customer Plant	843.60	59.34	54.77	4.55	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Total Distribution	3,000.63	211.05	130.22	70.74	0.00	0.00	3.70	1.58	3.88	0.01	0.15	0.15	0.60	0.02	0.00
<b>CUSTOMER RELATED</b>																
5.1	Meters	226.93	15.96	8.96	6.70	0.00	0.00	0.16	0.02	0.07	0.03	0.02	0.01	0.00	0.00	0.00
5.2	Sales Stations	169.18	11.90	0.89	10.08	0.00	0.00	0.41	0.08	0.00	0.17	0.11	0.14	0.00	0.01	0.00
5.3	Services	1,820.91	128.08	113.67	14.00	0.00	0.00	0.20	0.03	0.02	0.02	0.05	0.09	0.00	0.00	0.00
5.4	Rentals	13.95	0.98	0.20	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.5	Comm / Ind. Customers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.6	Contracts	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.7	Direct Purchase	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.8	Total Customers	43.92	3.09	2.85	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.9	Specific Classes	1.89	0.13	0.03	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.10	Readings Processed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.11	HST Revenue	(29.42)	(2.07)	(1.20)	(0.81)	0.00	0.00	(0.01)	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.03)	0.00	0.00
5	Total Customer Related	2,247.37	158.07	125.40	31.09	0.00	0.00	0.76	0.12	0.08	0.22	0.19	0.24	(0.03)	0.01	0.00
6	Total Rate Base	5,657.94	397.96	269.85	115.13	0.00	0.00	4.93	1.81	3.96	0.23	0.41	0.57	1.03	0.03	0.00
<b>CIS</b>																
		7.00	7.60	7.02	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Total Rate Base	5,664.94	405.56	276.87	115.71	0.00	0.00	4.94	1.81	3.96	0.23	0.41	0.57	1.03	0.03	0.00

\* G2.6.3 refers to Exhibit G2, Tab 6, Schedule 3.

ALLOCATION OF TOTAL COST TO SERVE  
Year Ended December 31, 2018

(millions of dollars)

ITEM	NO.	DESCRIPTION	O&M Costs	Net Investment Costs	Total	Rate 1	Rate 6	Rate 9	Rate 100	Rate 110	Rate 115	Rate 125	Rate 135	Rate 145	Rate 170	Rate 200	Rate 300 Firm	Rate 300 Int	Direct Purchase	Rate 332	Allocation Factors G2.6.3.1	
SUPPLY COST	PRODUCT COST																					
	1.1	Annual Commodity	950.75	0.13	950.88	549.27	373.66	0.00	0.00	6.74	0.00	0.00	0.54	1.03	4.13	15.52	0.00	0.00	0.00	0.00	1.1	
	1.2	Bad Debt Commodity	3.35	0.00	3.35	1.59	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.5	
	1.3	System Gas Fee	1.55	0.00	1.55	0.89	0.61	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00	
	1	Total Gas Cost	955.65	0.13	955.77	551.76	376.02	0.00	0.00	6.75	0.00	0.00	0.54	1.03	4.13	15.54	0.00	0.00	0.00	0.00	0.00	
	PIPELINE TRANSPORTATION																					
	2.1	Peak	13.52	0.00	17.49	9.61	7.66	0.00	0.00	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	3.1	
	2.2	Seasonal	109.04	1.71	110.75	53.89	51.70	0.00	0.00	1.93	0.47	0.00	0.00	0.28	0.70	1.77	0.00	0.00	0.00	0.00	3.2	
	2.3	Annual - Transportation	474.62	0.00	474.62	253.40	197.77	0.00	0.00	11.82	0.62	0.00	1.03	0.58	2.32	7.08	0.00	0.00	0.00	0.00	1.6	
	2.4	Interruptible Credit	0.00	0.00	(3.96)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	(3.51)	(0.19)	0.00	0.00	0.00	0.00	
	2.5	TS Revenue	0.00	(6.12)	(6.12)	(2.53)	(2.57)	0.00	0.00	(0.42)	(0.29)	0.00	(0.03)	(0.03)	(0.15)	(0.09)	0.00	0.00	0.00	0.00	1.2	
	2.6	Dawn T-Service	24.20	0.00	24.20	0.96	10.36	0.00	0.00	5.50	4.19	0.00	0.46	0.29	1.98	0.46	0.00	0.00	0.00	0.00	0.00	
	2	Total Pipeline Trans. Cost	621.39	(4.41)	616.98	315.33	264.91	0.00	0.00	18.87	5.01	0.00	1.45	0.85	1.34	9.21	0.00	0.00	0.00	0.00	0.00	
	FACILITIES' COST																					
	STORAGE FACILITIES																					
	3.1	Deliverability	128.29	0.19	129.02	70.91	56.50	0.00	0.00	0.30	0.12	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.00	3.1	
	3.2	Space	66.51	0.10	66.60	32.41	31.09	0.00	0.00	1.16	0.28	0.00	0.00	0.17	0.42	1.07	0.00	0.00	0.00	0.00	3.2	
	3.3	Seasonal Credit	0.00	0.00	(0.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	3	Total Storage	194.80	0.28	195.08	103.32	87.60	0.00	0.00	1.46	0.40	0.00	(0.54)	0.17	0.42	2.26	0.00	0.00	0.00	0.00	0.00	
	DISTRIBUTION FACILITIES																					
4.1	Capacity TP > 4"	52.97	36.33	89.30	41.38	36.29	0.00	0.00	2.02	1.25	7.18	0.00	0.08	0.08	1.00	0.01	0.00	0.00	0.00	2.1		
4.2	Capacity TP <= 4"	6.05	3.99	10.04	5.06	4.44	0.00	0.00	0.25	0.15	0.00	0.00	0.01	0.01	0.12	0.00	0.00	0.00	0.00	2.2		
4.3	Capacity LP	7.91	11.50	19.41	9.90	8.68	0.00	0.00	0.48	0.30	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	2.3		
4.4	Capacity LP	49.31	62.25	111.56	57.39	50.34	0.00	0.00	2.81	0.78	0.00	0.01	0.11	0.11	0.00	0.02	0.00	0.00	0.00	2.4		
4.5	Commodity	20.66	(0.05)	20.61	8.53	8.66	0.00	0.00	1.41	0.97	0.00	0.12	0.09	0.52	0.30	0.00	0.00	0.00	0.00	1.2		
4.6	Bad Debt Distribution	8.27	0.00	8.27	4.29	3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
4.7	Customer Plant	35.35	44.03	79.38	73.27	6.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.5		
4.8	DSM - Program	66.50	0.00	66.50	37.49	21.51	0.00	0.00	1.80	1.36	0.10	0.26	1.65	2.27	0.04	0.01	0.00	0.00	0.00	0.00		
4.9	DSM - General	20.41	0.00	20.41	11.51	6.60	0.00	0.00	0.55	0.42	0.03	0.08	0.51	0.70	0.01	0.00	0.00	0.00	0.00	0.00		
4	Total Distribution	267.44	158.03	425.47	248.81	146.59	0.00	0.00	9.34	5.24	7.31	0.47	2.47	3.71	1.47	0.04	0.00	0.00	0.00	0.00		
CUSTOMER RELATED																						
5.1	Meters	11.74	46.32	58.06	32.59	24.38	0.00	0.00	0.00	0.58	0.06	0.24	0.09	0.07	0.05	0.00	0.00	0.00	0.00	4.1		
5.2	Sales Stations	4.92	7.18	12.10	0.90	10.25	0.00	0.00	0.42	0.08	0.00	0.17	0.12	0.15	0.00	0.01	0.00	0.00	0.00	4.2		
5.3	Services	10.84	89.06	99.90	88.66	10.92	0.00	0.00	0.16	0.02	0.01	0.02	0.04	0.07	0.00	0.00	0.00	0.00	0.00	4.3		
5.4	Rentals	0.00	1.53	1.53	0.31	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.4		
5.5	Comm / Ind. Customers	6.30	0.00	6.30	0.00	6.28	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.6		
5.6	Contracts	6.17	0.00	6.17	0.00	0.00	0.00	0.00	4.07	0.41	0.06	0.66	0.85	0.38	0.02	0.02	0.00	0.00	0.00	4.7		
5.7	Direct Purchase	1.42	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00	4.1		
5.8	Total Customers	137.17	(7.23)	129.93	119.94	9.97	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.5		
5.9	Specific Classes	7.40	(0.32)	7.08	5.55	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5.10	Readings Processed	17.14	0.00	17.14	15.79	1.33	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.8 & 4.9		
5.11	Large Volume Customer Care	3.12	0.00	3.12	0.00	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5.12	Financing Costs	1.90	0.00	1.90	1.29	0.55	0.00	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
5.13	CIS Depreciation	0.00	12.71	12.71	11.73	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.5		
5	Total Customer Related	208.11	148.25	357.36	276.75	70.54	0.00	0.00	5.28	0.59	0.33	0.95	0.79	0.86	0.02	0.03	0.00	1.42	0.00	0.00		
Total Customer Related																						
6.1	Return	349.77	0.00	349.77	237.18	101.19	0.00	0.00	4.34	1.59	3.48	0.20	0.36	0.50	0.91	0.03	0.00	0.00	0.00	5.		
6.2	Taxes	48.19	0.00	48.19	32.68	13.94	0.00	0.00	0.60	0.22	0.48	0.03	0.05	0.07	0.12	0.00	0.00	0.00	0.00	0.00		
6.3	CIS Return	0.50	0.00	0.50	0.46	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.5		
6.4	CIS Tax	7.10	0.00	7.10	6.55	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.5		
6	Return and Taxes	405.56	0.00	405.56	276.87	115.71	0.00	0.00	4.94	1.81	3.96	0.23	0.41	0.57	1.03	0.03	0.00	0.00	0.00	0.00		
7	Total Facilities	1,075.91	307.57	1,383.48	905.75	420.43	0.00	0.00	21.03	8.04	11.61	1.11	3.83	5.37	4.78	0.10	0.00	1.42	0.00	0.00		
8	Total Cost of Service	2,652.95	303.28	2,956.23	1,772.84	1,061.36	0.00	0.00	46.65	13.04	11.61	3.10	5.71	10.85	29.53	0.10	0.00	1.42	0.00	0.00		
9	GTA Revenue Requirement	28.98	5.72	34.70	17.78	5.27	0.00	0.00	0.24	0.07	0.00	0.01	0.03	0.08	0.18	0.00	0.00	0.00	0.00	17.40		
10	Total 2018 Cost of Service	2,981.21	309.00	3,290.21	1,990.62	1,066.63	0.00	0.00	46.89	13.11	11.61	3.11	5.74	10.92	29.71	0.10	0.00	1.42	0.00	17.40		

[illegible]

**RATE BASE**  
**FUNCTIONALIZATION FACTORS**  
Year Ended December 31, 2018

Item No.	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13
	Total	Gas Supply	Storage	Sales Stations	Distribution Measurement	Services	Mains	Meters	Rental Equipment	Sales Promotion	Customer Accounting	Unidentified	CIS
<b>Gas Supply</b>													
1.1 Gas Supply	1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Distribution Plant</b>													
2.1 Land (incl offers to buy)	1.000	0.010	0.000	0.005	0.002	0.119	0.396	0.002	0.000	0.061	0.226	0.179	0.000
2.2 Structures & Improvements	1.000	0.010	0.000	0.005	0.002	0.119	0.096	0.002	0.000	0.161	0.426	0.179	0.000
2.3 Mains	1.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000
2.4 Meas. Reg. & Telemtrng	1.000	0.000	0.000	0.463	0.537	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5 Services	1.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.6 Meters	1.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000
<b>General Plant</b>													
3.1 Land (incl offers to buy)	1.000	0.000	0.000	0.000	0.000	0.336	0.045	0.000	0.000	0.126	0.353	0.140	0.000
3.2 Structures & Improvements	1.000	0.000	0.000	0.000	0.000	0.336	0.045	0.000	0.000	0.126	0.353	0.140	0.000
3.3 Office Furniture & Equip.	1.000	0.001	0.001	0.001	0.123	0.161	0.200	0.046	0.017	0.024	0.031	0.394	0.000
3.4 Transportation Equipment	1.000	0.000	0.000	0.000	0.002	0.297	0.669	0.000	0.000	0.033	0.000	0.000	0.000
3.5 Heavy Work Equipment	1.000	0.000	0.000	0.000	0.002	0.297	0.669	0.000	0.000	0.033	0.000	0.000	0.000
3.6 Tools & Work Equip.	1.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.000	0.000	0.000
3.7 Rental Equip.	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000
3.8 Communication Equip.	1.000	0.014	0.000	0.008	0.283	0.086	0.125	0.000	0.001	0.094	0.171	0.218	0.000
3.9 Compressors	1.000	0.000	0.000	0.000	0.002	0.297	0.669	0.000	0.000	0.033	0.000	0.000	0.000
3.10 Computer Equip.	1.000	0.024	0.003	0.023	0.085	0.161	0.261	0.085	0.002	0.009	0.231	0.116	0.000
3.11 Software Acquired/Developed	1.000	0.024	0.003	0.023	0.085	0.161	0.261	0.085	0.002	0.009	0.231	0.116	0.000
3.12 CIS	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.000
4. Other Plant	1.000	0.000	0.000	0.000	0.000	0.436	0.564	0.000	0.000	0.000	0.000	0.000	0.000

## Net Investments

**CLASSIFICATION OF  
GAS COSTS TO OPERATIONS**

Item No.	Description	System Commodity			Load Balancing			Pipeline			Dist'n.	
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11
		Annual Volumes (10m³)	Variable Unit Rate \$(/10m³)	Variable Cost \$(000)	Deliverability \$(000)	Storage Space \$(000)	Winter \$(000)	Peak \$(000)	Seasonal \$(000)	Annual \$(000)	Commodity \$(000)	Total \$(000)
<b>Purchases and Receipts</b>												
1.1	Long-Term	358.0	118.2	42.3	0.0	0.0	0.0	0.0	0.0	29.8	0.0	72.1
1.2	Western Buy/Sell	380.0	118.2	44.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	45.5
1.3	Ontario Buy/Sell	0.0	118.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	Short-Term Annual	0.0	118.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	Short-Term Peak	3,520.5	118.2	416.2	0.0	0.0	0.0	(106.3)	0.0	0.0	0.0	310.0
1.6	Discretionary Western & US	4,316,144.5	118.2	510,306.4	0.0	0.0	0.0	0.0	0.0	55,254.2	0.0	565,560.6
1.7	Discretionary - Ontario	2,613,645.4	118.2	309,016.5	0.0	0.0	0.0	11,011.4	88,091.4	16,564.7	0.0	424,684.1
1.8	Niagara Supplies	1,102,563.7	118.2	130,358.3	0.0	0.0	0.0	0.0	0.0	57,562.7	0.0	187,921.0
1.	Total Purchases & Receipts	8,036,612.1	118.2	950,184.7	0.0	0.0	0.0	10,905.2	88,091.4	129,411.9	0.0	1,178,593.3
<b>Transportation</b>												
2.1	TCPL FT-Demand System	0.0	0.0	0.0	0.0	0.0	0.0	559.7	4,477.8	183,903.9	0.0	188,941.5
2.2	Dawn	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	Dawn to Franchise	0.0	0.0	0.0	0.0	0.0	0.0	2,161.3	17,290.4	118,356.1	0.0	137,807.8
2.4	Vector	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13,192.5	0.0	13,192.5
2.5	Nova	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,829.3	0.0	6,829.3
2.6	Niagara Falls to Enbridge Parkway DDA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16,670.6	0.0	16,670.6
2.7	Niagara Link Pipeline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	Nexus Pipeline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34,669.6	0.0	34,669.6
2.	Total Transportation	0.0	0.0	0.0	0.0	0.0	0.0	2,721.0	21,768.2	373,622.0	0.0	398,111.3
<b>Other Costs</b>												
3.1	Fuel	0.0	0.0	10,519.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,519.2
3.	Total Other Variable Costs	0.0	0.0	10,519.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,519.2
4.	Total Delivered Supply	8,036,612.1	0.0	960,703.9	0.0	0.0	0.0	13,626.2	109,859.7	503,034.0	0.0	1,587,223.7
5.	Storage Fluctuation	50,729.9	118.2	7,304.1	0.0	0.0	0.0	49.2	397.0	1,817.9	0.0	9,588.2
6.	Gas Costs to Operations	8,087,342.0	0.0	968,008.0	0.0	0.0	0.0	13,675.4	110,256.7	504,851.9	0.0	1,596,792.0
7.	Storage and Transportation	0.0	0.0	0.0	127,000.7	65,836.8	0.0	0.0	0.0	0.0	0.0	192,837.4
8.	Gas Costs-Storage & Trans.	8,087,342.0	0.0	968,008.0	127,000.7	65,836.8	0.0	13,675.4	110,256.7	504,851.9	0.0	1,789,629.4
9.1	UIUF Adjustment	0.0	0.0	(14,816.8)	0.0	0.0	0.0	(126.7)	(1,021.9)	(4,679.0)	20,644.4	0.0
9.2	LUFAAdjustment	0.0	0.0	(2,437.6)	0.0	0.0	0.0	(24.0)	(193.1)	(1,186.4)	0.0	(3,841.1)
9.	Total Classified Costs	8,087,342.0	0.0	950,753.6	127,000.7	65,836.8	0.0	13,524.7	109,041.7	498,986.5	20,644.4	1,785,788.3
<b>GAS COSTS</b>												
10.1	Classification Factors	0.0	0.0	950,753.6	0.0	0.0	0.0	13,524.7	109,041.7	498,986.5	20,644.4	1,592,950.8
10.2	Classification Percentages	0.0	0.0	59.69%	0.00%	0.00%	0.00%	0.85%	6.85%	31.32%	1.30%	100.00%
<b>STORAGE</b>												
11.1	Classification Factors	127,000.7	0.0	65,836.8	127,000.7	65,836.8	0.0	0.0	0.0	0.0	0.0	192,837.4
11.2	Classification Percentages	65.86%	0.00%	34.14%	65.86%	34.14%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

**CLASSIFICATION OF  
TRANSPORTATION COSTS**

(\$000)

Item No.	<u>Description</u>	Col. 1 <u>Total</u>	Col. 2 <u>Peak</u>	Col. 3 <u>Seasonal</u>	Col. 4 <u>Annual Delivery</u>	Col. 5 <u>Annual Commodity</u>
	<b>FT TCPL</b>					
1.1	TCPL LH	183,061.9	0.0	0.0	183,061.9	0.0
1.2	FTSN (Parkway to CDA)	5,879.6	559.7	4,477.8	842.0	0.0
1.3	Unutilized Transport. Cost	0.0	0.0	0.0	0.0	0.0
2	Dawn to Franchise	141,373.3	2,161.3	17,290.4	118,356.1	3,565.5
3.	<b>Vector Pipeline</b>	13,192.5	0.0	0.0	13,192.5	0.0
4.	<b>NOVA Pipeline</b>	6,829.3	0.0	0.0	6,829.3	0.0
5.	Niagara Falls to Enbridge Parkway DDA	16,670.6	0.0	0.0	16,670.6	0.0
6.	Link Pipeline	0.0	0.0	0.0	0.0	0.0
7.	Nexus Pipeline	34,669.6	0.0	0.0	34,669.6	0.0
	<b>OTHER</b>					
8.	Fuel	6,953.7	0.0	0.0	0.0	6,953.7
9.	<b>Total</b>	408,630.5	2,721.0	21,768.2	373,622.0	10,519.2



**CLASSIFICATION OF  
STORAGE AND TRANSPORTATION**

(\$000)

Item No.	Description	Col. 1 <u>Tecumseh</u> <u>O&amp;M</u>	Col. 2 <u>Annual Cost</u>	Col. 3 <u>Deliver-</u> <u>ability</u>	Col. 4 <u>Seasonal</u> <u>Space</u>	Col. 5 <u>Winter</u>	Col. 6 <u>Annual</u> <u>Commodity</u>
<b>TECUMSEH</b>							
<b>TRANSMISSION</b>							
1.1	Annual Demand	6,592.1	6,592.1	0.0	6,592.1	0.0	0.0
1.2	Daily Demand	12,050.7	12,050.7	12,050.7	0.0	0.0	0.0
1.3	In/out	4,513.8	4,513.8	0.0	4,513.8	0.0	0.0
1.4	Fuel	2,906.1	2,906.1	0.0	2,906.1	0.0	0.0
1.5	Transactional Services Revenues	(3,394.6)	(3,394.6)	(2,043.8)	(1,362.6)	0.0	0.0
		-----	-----	-----	-----	-----	-----
1.	Total Transmission	22,668.2	22,668.2	10,006.9	12,649.5	0.0	0.0
<b>STORAGE</b>							
2.1	Annual Demand	6,260.8	6,260.8	0.0	6,260.8	0.0	0.0
2.2	Daily Demand	11,566.8	11,566.8	11,566.8	0.0	0.0	0.0
2.3	In/out	749.8	749.8	0.0	749.8	0.0	0.0
2.4	Transactional Services Revenues	(2,605.4)	(2,605.4)	(1,556.2)	(1,037.4)	0.0	0.0
		-----	-----	-----	-----	-----	-----
2.	Total Storage	15,971.9	15,971.9	10,010.6	5,973.1	0.0	0.0
3.	Total Tecumseh	38,640.1	38,640.1	20,017.5	18,622.6	0.0	0.0
<b>UNION GAS</b>							
<b>STORAGE</b>							
4.1	Space		9,623.1	0.0	9,623.1	0.0	0.0
4.2	Peak		11,761.5	11,761.5	0.0	0.0	0.0
4.3	Injection		746.1	0.0	746.1	0.0	0.0
4.4	Withdrawal		840.5	0.0	840.5	0.0	0.0
	Chatham D		137.6	0.0	137.6	0.0	0.0
			-----	-----	-----	-----	-----
4.	Total Storage		23,108.8	11,761.5	11,347.2	0.0	0.0
<b>TRANSMISSION</b>							
5.1	Demand with comp.		81,000.4	50,049.1	30,951.3	0.0	0.0
5.2	Fuel		12,017.1	7,425.2	4,591.9	0.0	0.0
			-----	-----	-----	-----	-----
5.	Total Transmission		93,017.5	57,474.3	35,543.2	0.0	0.0
<b>DEHYDRATION</b>							
6.1	Demand		1,045.4	1,045.4	0.0	0.0	0.0
6.2	Commodity		323.8	0.0	323.8	0.0	0.0
			-----	-----	-----	-----	-----
6.	Total Dehydration		1,369.2	1,045.4	323.8	0.0	0.0
7.	Total Union		117,495.5	70,281.3	47,214.2	0.0	0.0
<b>TRANSCANADA</b>							
8.1	STS and Other		36,701.9	36,701.9	0.0	0.0	0.0
			-----	-----	-----	-----	-----
8.	Total TransCanada		36,701.9	36,701.9	0.0	0.0	0.0
			-----	-----	-----	-----	-----
9.	<b>TOTAL STORAGE &amp; TRANSP.</b>		192,837.4	127,000.7	65,836.8	0.0	0.0
10.	<b>COST TO OPERATIONS</b>		192,837.4	127,000.7	65,836.8	0.0	0.0

**ALLOCATION FACTORS**

Year Ended December 31, 2018

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15
	FACTOR	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	Direct
	TOTAL	1	6	9	100	110	115	125	135	145	170	200	300 Firm	300 Int	Purchase
<b>Commodity Responsibility</b>															
1.1	Annual Sales	7,943.2	4,588.4	3,121.3	0.0	56.3	0.0	0.0	4.5	8.6	34.5	129.6	0.0	0.0	0.0
1.2	Bundled Annual Deliveries	11,492.2	4,755.0	4,829.8	0.0	789.0	542.8	0.0	64.5	50.1	291.2	169.8	0.0	0.0	0.0
1.3	Total Annual Deliveries	11,492.2	4,755.0	4,829.8	0.0	789.0	542.8	0.0	64.5	50.1	291.2	169.8	0.0	0.0	0.0
1.4	Bundled Peak Delivery	105,970.5	53,399.8	46,838.8	0.0	0.0	2,611.2	1,617.2	5.3	106.8	104.7	1,286.7	0.0	0.0	0.0
1.5	System Gas Sales	7,943.2	4,588.4	3,121.3	0.0	56.3	0.0	0.0	4.5	8.6	34.5	129.6	0.0	0.0	0.0
1.6	Bundled Transportation Deliveries	8,689.4	4,639.3	3,620.7	0.0	216.5	11.3	0.0	18.9	10.7	42.4	129.6	0.0	0.0	0.0
1.7	Dawn Transportation	2,091.3	82.9	895.1	0.0	474.9	362.0	0.0	39.6	25.2	171.4	40.1	0.0	0.0	0.0
<b>Distribution Capacity Responsibility</b>															
2.1	Delivery Demand TP > 4"	115,246.5	53,399.8	46,838.8	0.0	2,611.2	1,617.2	9,260.4	5.3	106.8	104.7	1,286.7	15.6	0.0	0.0
2.2	Delivery Demand TP <= 4"	105,986.1	53,399.8	46,838.8	0.0	2,611.2	1,617.2	0.0	5.3	106.8	104.7	1,286.7	15.6	0.0	0.0
2.3	Delivery Demand HP	104,699.4	53,399.8	46,838.8	0.0	2,611.2	1,617.2	0.0	5.3	106.8	104.7	0.0	15.6	0.0	0.0
2.4	Delivery Demand LP	103,807.4	53,399.8	46,838.8	0.0	2,611.2	725.2	0.0	5.3	106.8	104.7	0.0	15.6	0.0	0.0
2.5	Cust. Rel Plant	2,183,043.0	2,015,077.0	167,564.0	0.0	265.0	27.0	4.0	43.0	36.0	25.0	1.0	1.0	0.0	0.0
<b>Storage Responsibility</b>															
3.1	Deliverability	57.4	31.5	25.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
3.2	Space	2,740.2	1,333.3	1,279.3	0.0	47.9	11.7	0.0	0.0	6.8	17.4	43.8	0.0	0.0	0.0
<b>Customer Responsibility</b>															
4.1	Meters	467,440.0	262,382.5	196,267.5	0.0	4,645.1	473.3	1,918.2	738.8	558.8	438.2	0.0	17.5	0.0	0.0
4.2	Sales Stations	268,989.4	20,114.0	227,822.0	0.0	9,371.5	1,813.5	0.0	3,822.2	2,588.0	3,274.9	0.0	183.3	0.0	0.0
4.3	Services	2,725,290.0	2,418,673.2	297,842.6	0.0	4,253.7	543.3	359.7	501.8	1,152.0	1,947.3	0.0	16.5	0.0	0.0
4.4	Rental Equipment	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	Total Customer Count	2,183,043.0	2,015,077.0	167,564.0	0.0	285.0	27.0	4.0	43.0	36.0	25.0	1.0	1.0	0.0	0.0
4.6	Comm / Ind. Customer Count	167,966.0	0.0	167,564.0	0.0	285.0	27.0	4.0	43.0	36.0	25.0	1.0	1.0	0.0	0.0
4.7	Contrads	402.0	0.0	0.0	0.0	265.0	27.0	4.0	43.0	36.0	25.0	1.0	1.0	0.0	0.0
4.8	Chart Readings non AMR per year	57,428.0	0.0	56,578.0	0.0	485.0	0.0	0.0	0.0	0.0	0.0	0.0	365.0	0.0	0.0
4.9	Chart Readings AMR per year	2,381.0	0.0	2,023.0	0.0	222.0	29.0	4.0	36.0	37.0	30.0	0.0	0.0	0.0	0.0
4.10	Meter Readings per year	13,057,890.0	12,090,462.0	967,428.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.11	Direct Purchase Customers	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
5.	Rate Base	5,657.9	3,836.6	1,636.9	0.0	70.2	25.7	56.4	3.2	5.8	8.1	14.6	0.4	0.0	0.0

ALLOCATION PERCENTAGES  
Year Ended December 31, 2018

	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13	Col. 14	Col. 15
	FACTOR	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	RATE	Direct Purchase
	TOTAL	1	6	9	100	110	115	125	135	145	170	200	300	300 Int	
<b>Commodity Responsibility</b>															
1.1	Annual Sales	1.0000	0.5776	0.3930	0.0000	0.0071	0.0000	0.0000	0.0006	0.0011	0.0043	0.0163	0.0000	0.0000	0.0000
1.2	Bundled Annual Deliveries	1.0000	0.4138	0.4203	0.0000	0.0687	0.0472	0.0000	0.0056	0.0044	0.0253	0.0148	0.0000	0.0000	0.0000
1.3	Total Annual Deliveries	1.0000	0.4138	0.4203	0.0000	0.0687	0.0472	0.0000	0.0056	0.0044	0.0253	0.0148	0.0000	0.0000	0.0000
1.4	Bundled Peak Delivery	1.0000	0.5039	0.4420	0.0000	0.0246	0.0153	0.0000	0.0001	0.0010	0.0010	0.0121	0.0000	0.0000	0.0000
1.5	System Gas Sales	1.0000	0.5776	0.3930	0.0000	0.0071	0.0000	0.0000	0.0006	0.0011	0.0043	0.0163	0.0000	0.0000	0.0000
1.6	Bundled Transportation Deliveries	1.0000	0.5339	0.4167	0.0000	0.0249	0.0013	0.0000	0.0022	0.0012	0.0049	0.0149	0.0000	0.0000	0.0000
1.7	Dawn Transportation	1.0000	0.0396	0.4280	0.0000	0.2271	0.1731	0.0000	0.0190	0.0120	0.0820	0.0192	0.0000	0.0000	0.0000
<b>Distribution Capacity Responsibility</b>															
2.1	Delivery Demand TP > 4"	1.0000	0.4634	0.4064	0.0000	0.0227	0.0140	0.0804	0.0000	0.0009	0.0009	0.0112	0.0001	0.0000	0.0000
2.2	Delivery Demand TP <= 4"	1.0000	0.5038	0.4419	0.0000	0.0246	0.0153	0.0000	0.0001	0.0010	0.0010	0.0121	0.0001	0.0000	0.0000
2.3	Delivery Demand HP	1.0000	0.5100	0.4474	0.0000	0.0249	0.0154	0.0000	0.0001	0.0010	0.0010	0.0000	0.0001	0.0000	0.0000
2.4	Delivery Demand LP	1.0000	0.5144	0.4512	0.0000	0.0252	0.0070	0.0000	0.0001	0.0010	0.0010	0.0000	0.0002	0.0000	0.0000
2.5	Cust. Rel Plant	1.0000	0.9231	0.0768	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Storage Responsibility</b>															
3.1	Deliverability	1.0000	0.5496	0.4379	0.0000	0.0023	0.0009	0.0000	0.0000	0.0000	0.0000	0.0093	0.0000	0.0000	0.0000
3.2	Space	1.0000	0.4866	0.4668	0.0000	0.0175	0.0043	0.0000	0.0000	0.0025	0.0064	0.0160	0.0000	0.0000	0.0000
<b>Customer Responsibility</b>															
4.1	Meters	1.0000	0.5613	0.4199	0.0000	0.0099	0.0010	0.0041	0.0016	0.0012	0.0009	0.0000	0.0000	0.0000	0.0000
4.2	Sales Stations	1.0000	0.0748	0.8470	0.0000	0.0348	0.0067	0.0000	0.0142	0.0096	0.0122	0.0000	0.0007	0.0000	0.0000
4.3	Services	1.0000	0.8875	0.1093	0.0000	0.0016	0.0002	0.0001	0.0002	0.0004	0.0007	0.0000	0.0000	0.0000	0.0000
4.4	Rental Equipment	1.0000	0.2000	0.8000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4.5	Total Customer Count	1.0000	0.9231	0.0768	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4.6	Comm / Ind. Customer Count	1.0000	0.0000	0.9976	0.0000	0.0016	0.0002	0.0000	0.0003	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000
4.7	Contracts	1.0000	0.0000	0.0000	0.0000	0.6592	0.0672	0.0100	0.1070	0.0896	0.0622	0.0025	0.0000	0.0000	0.0000
4.8	Chart Readings non AMR per year	1.0000	0.0000	0.9852	0.0000	0.0084	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0064	0.0000	0.0000
4.9	Chart Readings AMR per year	1.0000	0.0000	0.8496	0.0000	0.0932	0.0122	0.0017	0.0151	0.0155	0.0126	0.0000	0.0000	0.0000	0.0000
4.10	Meter Readings per year	1.0000	0.9259	0.0741	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4.11	Separation Expense Allocator	1.0000	0.7750	0.2250	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4.12	Direct Purchase Customers	1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000
5.	Rate Base	1.0000	0.6781	0.2893	0.0000	0.0124	0.0046	0.0100	0.0006	0.0010	0.0014	0.0026	0.0001	0.0000	0.0000

**Allocation of DSM Program and General Costs Including Fringe Benefits and A&G**  
**DEC. 31, 2018**

	<u>RATE.1</u>	<u>RATE.6</u>	<u>RATE.9</u>	<u>RATE.100</u>	<u>RATE.110</u>	<u>RATE.115</u>	<u>RATE.125</u>	<u>RATE.135</u>	<u>RATE.145</u>	<u>RATE.170</u>	<u>RATE.200</u>	<u>RATE.300</u>
	<b>(millions of dollars)</b>											
<b>DSM Program and General Costs</b>												
DSM Low Income Program and General Costs												
Fringe Benefits	54.24	29.04	18.10	0.00	1.70	1.31	0.01	0.26	1.59	2.24	0.00	0.00
A&G	13.31	9.05	3.75	0.00	0.13	0.07	0.10	0.01	0.08	0.07	0.03	0.01
Total Fully-Allocated DSM Costs	5.18	2.92	1.87	0.00	0.14	0.11	0.01	0.02	0.13	0.18	0.00	0.00
	14.17	7.99	4.58	0.00	0.38	0.29	0.02	0.06	0.35	0.48	0.01	0.00
	86.90	48.99	28.11	0.00	2.36	1.78	0.14	0.34	2.16	2.97	0.05	0.01
<b>Breakdown of DSM Program and General Costs:</b>												
DSM Program Costs												
DSM Low Income Program Costs	43.96	23.43	14.71	0.00	1.39	1.07	0.00	0.21	1.31	1.84	0.00	0.00
Program Costs Subtotal	11.69	7.95	3.29	0.00	0.12	0.07	0.09	0.01	0.07	0.06	0.03	0.01
A&G	55.65	31.37	18.00	0.00	1.51	1.14	0.09	0.22	1.38	1.90	0.03	0.01
Total	10.85	6.11	3.51	0.00	0.29	0.22	0.02	0.04	0.27	0.37	0.01	0.00
	66.49	37.49	21.51	0.00	1.80	1.36	0.10	0.26	1.65	2.27	0.04	0.01
DSM General Costs												
DSM Low Income General Costs	10.29	5.61	3.39	0.00	0.31	0.23	0.01	0.05	0.29	0.40	0.00	0.00
General Costs Subtotal	1.62	1.10	0.46	0.00	0.02	0.01	0.01	0.00	0.01	0.01	0.00	0.00
Fringe Benefits	11.91	6.71	3.85	0.00	0.32	0.24	0.02	0.05	0.30	0.41	0.01	0.00
A&G	5.18	2.92	1.87	0.00	0.14	0.11	0.01	0.02	0.13	0.18	0.00	0.00
Total	3.33	1.88	1.08	0.00	0.09	0.07	0.01	0.01	0.08	0.11	0.00	0.00
	20.41	11.51	6.60	0.00	0.55	0.42	0.03	0.08	0.51	0.70	0.01	0.00
<b>Total DSM Program &amp; Allocated costs</b>	86.90	48.99	28.11	0.00	2.36	1.78	0.14	0.34	2.16	2.97	0.05	0.01

**TECUMSEH GAS**  
**FUNCTIONALIZATION AND CLASSIFICATION OF RATE BASE**  
**2018 TEST YEAR**

(\$000)

FUNCTIONALIZATION													CLASSIFICATION												
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9	Col. 10	Col. 11	Col. 12	Col. 13													
Item No.	Description	Functional Allocation I/C	Pool	Net		Pool Storage Space	Transmission & Compression			Net			Pool Storage Space												
				Investment Avg. of Mnthly Avg.	Transmission & Compression		Investment Avg. of Mnthly Avg.	Annual Demand	Daily Demand	Investment Avg. of Mnthly Avg.	Annual Demand	Daily Demand													
1.1	Transmission Lines	100%	0%	5,959.4	5,959.4	40%	60%	2,383.8	3,575.6	40%	60%	0.0	0.0												
1.2	Compressor Equipment	100%	0%	63,917.9	63,917.9	40%	60%	25,567.2	38,350.7	40%	60%	0.0	0.0												
1.3	Structures & Improvements	100%	0%	43,735.7	43,735.7	40%	60%	17,494.3	26,241.4	40%	60%	0.0	0.0												
1.4	Office and Plant Equipment	100%	0%	1,281.5	1,281.5	40%	60%	512.6	768.9	40%	60%	0.0	0.0												
1.5	Land	100%	0%	3,733.0	3,733.0	40%	60%	1,493.2	2,239.8	40%	60%	0.0	0.0												
1.6.1	Allowance for - Mat'l's & Supplies	100%	0%	3,087.0	3,087.0	40%	60%	1,234.8	1,852.2	40%	60%	0.0	0.0												
1.6.2	Working Capital - Working Cash Allow.	100%	0%	1,600.0	1,600.0	40%	60%	640.0	960.0	40%	60%	0.0	0.0												
1.7	Provision for LUF	69%	31%	0.0	0.0	40%	60%	0.0	0.0	40%	60%	0.0	0.0												
1.				123,314.5	123,314.5			49,325.8	73,988.7																
2.1	Field Lines	0%	100%	35,558.0		40%	60%	0.0	0.0	40%	60%	14,223.2	21,334.8												
2.2	Wells	0%	100%	47,389.0		40%	60%	0.0	0.0	40%	60%	18,955.6	28,433.4												
2.3	Well Equipment	0%	100%	1,535.9		40%	60%	0.0	0.0	40%	60%	614.4	921.5												
2.4	Measuring & Regulating	0%	100%	6,992.5		40%	60%	0.0	0.0	40%	60%	2,797.0	4,195.5												
2.5	Gas Storage Rights	0%	100%	15,003.7		40%	60%	0.0	0.0	40%	60%	6,001.5	9,002.2												
2.6	Petroleum and Natural Gas Leases	0%	100%	0.0		40%	60%	0.0	0.0	40%	60%	0.0	0.0												
2.7	Base Pressure Gas	0%	100%	35,440.0		40%	60%	0.0	0.0	40%	60%	14,176.0	21,264.0												
2.8	Other	0%	100%	0.0		40%	60%	0.0	0.0	40%	60%	0.0	0.0												
2.				141,919.1								56,767.6	85,151.5												
3.	Total			265,233.6	123,314.5	141,919.1		49,325.8	73,988.7	141,919.1		56,767.6	85,151.5												
4.	Percentage Allocation			1,465.4	46.493%	53.507%		40.000%	60.000%			40.000%	60.000%												

**TECUMSEH GAS**  
**FUNCTIONAL ALLOCATION OF COST OF SERVICE**  
**2018 TEST YEAR**

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		Col.1	Col.2	Col.3	Col.4	Col.5
Item	Functional			Utility	Transmission	Pool
<u>No.</u>	<u>Allocation</u>		<u>Pool</u>	<u>Return &amp;</u>	<u>&amp;</u>	<u>Storage</u>
	<u>T/C</u>			<u>Expenses</u>	<u>Compression</u>	
<b>RATE BASE RETURN AMOUNT</b>				(\$000)	(\$000)	(\$000)
1.1	Utility Return	45%	55%	18,563.1	8,353.4	10,209.7
1.	Total Return	0%	0%	18,563.1	8,353.4	10,209.7
<b>EXPENSES - OPERATION</b>						
2.1.1	Labour	75%	25%	1,562.4	1,171.8	390.6
2.1.2	Supplies & Other		10%	596.7	537.0	59.7
2.1.3	Hydro	100%	0%	377.7	377.7	
2.1.4	Lease Rentals	0%	100%	1,662.8		1,662.8
2.1.5	Surface Rentals	0%	100%	356.6		356.6
2.1.6	Provision for LUF	87%	13%	3,841.1	3,341.8	499.3
2.1	Subtotal			8,397.3	5,428.3	2,969.0
<b>MAINTENANCE</b>						
2.2.1	Company	80%	20%	1,551.6	1,241.3	310.3
2.2.2	Contractor	55%	45%	1,624.4	893.4	731.0
2.2	Subtotal			3,176.0	2,134.7	1,041.3
<b>ADMINISTRATIVE &amp; GENERAL</b>						
2.3.1	General Office	75%	25%	3,409.2	2,556.9	852.3
2.3.2	Service Fees	75%	25%	2,548.1	1,911.1	637.0
2.3.3	Overhead Capitalized	75%	25%	(1,059.4)	(794.5)	(264.8)
2.3	Subtotal			4,897.8	3,673.5	1,224.5
<b>DEPRECIATION AND AMORTIZATION</b>						
2.4.1	Depreciation	59%	41%	6,891.1	4,036.9	2,854.2
2.4.2	Amortization	0%	100%	472.8		472.8
2.4	Subtotal			7,363.9	4,036.9	3,327.0
<b>TAXES - OTHER THAN INCOME</b>						
2.5.1	Municipal	80%	20%	1,538.3	1,230.7	307.7
2.5.2	Capital	45%	55%			
2.5	Subtotal			1,538.3	1,230.7	307.7
<b>2. TOTAL EXPENSES</b>				25,373.4	16,504.1	8,869.5
<b>3. REVENUE REQUIREMENT BEFORE TAXES</b>				43,936.5	24,857.5	19,079.2

## (000\$)

Filed: 2017-11-29  
EB-2017-0086  
Draft Rate Order  
Exhibit G22  
Tab 7  
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TECUMSEH GAS  
RATE DERIVATION  
2018 TEST YEAR  
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Filed: 2017-11-29  
EB-2017-0086  
Draft Rate Order  
Exhibit G2  
Tab 7  
Schedule 4  
Page 1 of 1

Item No.	<u>Transmission and Compression</u>	Col.1	Col.2	Col.3
		<u>Annual Demand</u>	<u>Daily Demand</u>	<u>Commodity</u>
1.1	Cost of service	7,073.0	12,918.0	4,866.5
1.2	Forecasted Gas Volumes	2,799,103.7	46,446.1	5,252,601.3
1.3.1	Unit Cost - Annual (\$/10 <sup>3</sup> m <sup>3</sup> )	2.527	278.129	0.926
1.3.2	Unit Cost - Monthly (\$/10 <sup>3</sup> m <sup>3</sup> /month)	0.211	23.177	0.000
1.3.3	Unit Cost - Rounded (\$/10 <sup>3</sup> m <sup>3</sup> ) (excl. fuel gas)	0.211	23.177	0.926
		0.211	23.177	0.926
1.4	Fuel Ratio (%)			0.35
<b><u>Pool Storage</u></b>				
		<u>Annual Demand</u>	<u>Daily Demand</u>	<u>Commodity</u>
2.1	Cost of Service Analysis (\$000's)	6,328.8	11,642.4	758.5
2.2	Forecasted Gas Volumes (10 <sup>3</sup> m <sup>3</sup> )	2,637,103.7	43,611.1	4,928,601.3
2.3.1	Unit Cost - Annual (\$/10 <sup>3</sup> m <sup>3</sup> )	2.3999	266.9596	0.1539
2.3.2	Unit Cost - Monthly (\$/10 <sup>3</sup> m <sup>3</sup> /month)	0.2000	22.2466	0.0000
2.3.3	Unit Cost - Rounded (\$/10 <sup>3</sup> m <sup>3</sup> )	0.2000	22.2466	0.1539



**TECUMSEH GAS**  
**ISOLATION OF TRANSMISSION RELATED RATE BASE**  
**2018 TEST YEAR**

(\$000)

Item No.	Description	Functional Allocation T/C	Pool	FUNCTIONALIZATION TOTAL COSTS				ELIMINATION OF COMPRESSION COSTS			TRANSMISSION COSTS	
				Net Investment Avg. of Mnthly Avg.	Transmission & Compression	Pool Storage Space	Pool Storage Space	Compression	Pool Storage Space	Transmission	Pool Storage Space	
1.1	Transmission Lines	100%	0%	5,959.4	5,959.4	0.0	0.0	0.0	0.0	5,959.4	0.0	
1.2	Compressor Equipment	100%	0%	63,917.9	63,917.9	0.0	0.0	(58,039.6)	0.0	5,878.3	0.0	
1.3	Structures & Improvements	100%	0%	43,735.7	43,735.7	0.0	0.0	(10,399.2)	0.0	33,336.5	0.0	
1.4	Office and Plant Equipment	100%	0%	1,281.5	1,281.5	0.0	0.0	(1,136.6)	0.0	144.9	0.0	
1.5	Land	100%	0%	3,733.0	3,733.0	0.0	0.0	(188.7)	0.0	3,544.3	0.0	
1.6.1	Allowance for - Mat'ls & Supplies	100%	0%	3,087.0	3,087.0	0.0	0.0	(2,465.0)	0.0	622.0	0.0	
1.6.2	- Working Cash Allow.	100%	0%	1,600.0	1,600.0	0.0	0.0	(1,372.3)	0.0	227.7	0.0	
1.7	Provision for LUF	69%	31%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.				123,314.5	123,314.5	0.0	0.0	(73,601.4)	0.0	49,713.1	0.0	
2.1	Field Lines	0%	100%	35,558.0	0.0	35,558.0	0.0	0.0	(35,558.0)	0.0	0.0	
2.2	Wells	0%	100%	47,389.0	0.0	47,389.0	0.0	0.0	(47,389.0)	0.0	0.0	
2.3	Well Equipment	0%	100%	1,535.9	0.0	1,535.9	0.0	0.0	(1,535.9)	0.0	0.0	
2.4	Measuring & Regulating	0%	100%	6,992.5	0.0	6,992.5	0.0	0.0	(6,992.5)	0.0	0.0	
2.5	Gas Storage Rights	0%	100%	15,003.7	0.0	15,003.7	0.0	0.0	(15,003.7)	0.0	0.0	
2.6	Petroleum and Natural Gas Leases	0%	100%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2.7	Base Pressure Gas	0%	100%	35,440.0	0.0	35,440.0	0.0	0.0	(35,440.0)	0.0	0.0	
2.8	Other	0%	100%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2.				141,919.1	0.0	141,919.1	0.0	0.0	(141,919.1)	0.0	0.0	
3.	Total			265,233.6	123,314.5	141,919.1	141,919.1	(73,601.4)	(141,919.1)	49,713.1	0.0	

**TECUMSEH GAS  
ISOLATION OF TRANSMISSION RELATED COST OF SERVICE  
2018 TEST YEAR**

	Col.1	Col.2	Col.3	Col.4	Col.5	Col.6	Col.7	Col.8	Col.9	
	TOTAL COST OF SERVICE					ELIMINATION OF COMPRESSION COSTS		TRANSMISSION COSTS		
Item No.	Functional Allocation T/C	Pool	Utility Return & Expenses	Transmission & Compression	Pool Storage	Compression	Pool Storage	Transmission	Pool Storage	
RATE BASE RETURN AMOUNT			(\$000)	(\$000)	(\$000)					
1.1	Utility Return (net of fuel)	40%	60%	18,563.1	7,425.2	11,137.8	(3,945.9)	(11,137.8)	3,479.3	0.0
1.	Total Return	0%	0%	18,563.1	7,425.2	11,137.8	(3,945.9)	(11,137.8)	3,479.3	0.0
EXPENSES - OPERATION										
2.1.1	Labour	80%	20%	1,562.4	1,249.9	312.5	(1,249.9)	(312.5)	0.0	0.0
2.1.2	Supplies & Other	90%	10%	596.7	537.0	59.7	(537.0)	(59.7)	0.0	0.0
2.1.3	Compressor Station Fuel	100%	0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.4	Compressor Station Fuel	100%	0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.5	Other Fuel	100%	0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.6	Other Fuel	100%	0%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1.7	Hydro	100%	0%	377.7	377.7	0.0	(377.7)	0.0	0.0	0.0
2.1.8	Lease Rentals	0%	100%	1,662.8	0.0	1,662.8	0.0	(1,662.8)	0.0	0.0
2.1.9	Surface Rentals	0%	100%	356.6	0.0	356.6	0.0	(356.6)	0.0	0.0
2.1.10	Provision for LUF	69%	31%	3,841.1	2,650.4	1,190.8	(2,650.4)	(1,190.8)	0.0	0.0
2.1	Subtotal			8,397.3	4,815.0	3,582.3	(4,815.0)	(3,582.3)	0.0	0.0
MAINTENANCE										
2.2.1	Company	90%	10%	1,551.6	1,396.5	155.2	(1,380.7)	(155.2)	15.8	0.0
2.2.2	Contractor	80%	20%	1,624.4	1,299.5	324.9	(1,267.5)	(324.9)	32.0	0.0
2.2	Subtotal			3,176.0	2,696.0	480.0	(2,648.2)	(480.0)	47.8	0.0
ADMINISTRATIVE & GENERAL										
2.3.1	General Office	80%	20%	3,409.2	2,727.3	681.8	(2,703.9)	(681.8)	23.4	0.0
2.3.2	Service Fees	80%	20%	2,548.1	2,038.5	509.6	(2,035.2)	(509.6)	3.3	0.0
2.3.3	Overhead Capitalized	80%	20%	(1,059.4)	(847.5)	(211.9)		211.9	(198.6)	0.0
2.3	Subtotal			4,897.8	3,918.3	979.6	(4,739.2)	(979.6)	(171.9)	0.0
DEPRECIATION AND AMORTIZATION										
2.4.1	Depreciation	59%	41%	6,891.1	4,036.9	2,854.2	(3,859.2)	(2,854.2)	177.7	0.0
2.4.2	Amortization	0%	100%	472.8	0.0	472.8	0.0	(472.8)	0.0	0.0
2.4	Subtotal			7,363.9	4,036.9	3,327.0	(3,859.2)	(3,327.0)	177.7	0.0
TAXES - OTHER THAN INCOME										
2.5.1	Municipal	80%	20%	1,538.3	1,230.7	307.7	(930.7)	(307.7)	300.0	0.0
2.5.2	Capital	40%	60%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	Subtotal			1,538.3	1,230.7	307.7	(930.7)	(307.7)	300.0	0.0
2.	TOTAL EXPENSES			25,373.4	16,696.8	8,676.6	(16,992.2)	(8,676.6)	353.5	0.0
3.	REVENUE REQUIREMENT BEFORE TAXES			43,936.5	24,122.0	19,814.4	(20,938.1)	(19,814.4)	3,832.8	0.0

**FUNCTIONALIZATION OF SHORT CYCLE  
NET REVENUES TO IN/EX FRANCHISE CUSTOMERS  
2018 TEST YEAR  
(\$'000)**

Item No.	Description	Col. 1 Net Revenues (\$'000)	Col. 2 Sharing	Col. 3 Net Revenues Shared (\$'000) (Col. 1*Col. 2)	Col. 4 T/C	Col. 5 Storage	Col. 6 T/C (\$'000) (Col. 3*Col. 4)	Col. 7 Storage (\$'000) (Col. 3*Col. 5)
1.	Short Cycle	6,000.0	100%	6,000.0	57%	43%	3,394.6	2,605.4

**CLASSIFICATION AND ALLOCATION OF NET REVENUES TO IN/EX FRANCHISE CUSTOMERS**

Item No.	Description	Col. 1 Total (\$'000)	Col. 2 Daily (\$'000) (Col. 1*60%)	Col. 3 Annual (\$'000) (Col. 1*40%)	Col. 4 Daily	Col. 5 Annual	Col. 6 Daily (\$'000) (Col. 4*Col. 2)	Col. 7 Annual (\$'000) (Col. 5*Col. 3)	Col. 8 Total (\$'000) (Col. 6+Col. 7)
T/C		NET REVENUES			VOLUMES		ALLOCATION		
1.1	In Franchise								
1.2	Rate 325				100%	100%	2,036.7	1,357.8	3,394.6
1.3	Rate 330				0%	0%	0.0	0.0	0.0
1.4	Rate 331				0%	0%	0.0	0.0	0.0
1.	TOTAL	3,394.6	2,036.7	1,357.8	100%	100%	2,036.7	1,357.8	3,394.6
Storage									
2.1	In Franchise								
2.2	Rate 325				100%	100%	1,563.3	1,042.2	2,605.4
2.3	Rate 330				0%	0%	0.0	0.0	0.0
2.4	Rate 331				0%	0%	0.0	0.0	0.0
2.	TOTAL	2,605.4	1,563.3	1,042.2	100%	100%	1,563.3	1,042.2	2,605.4
Total T/C and Storage									
3.1	In Franchise								
3.2	Rate 325						3,600.0	2,400.0	6,000.0
3.3	Rate 330						0.0	0.0	0.0
3.4	Rate 331						0.0	0.0	0.0
3.	TOTAL	6,000.0	3,600.0	2,400.0			3,600.0	2,400.0	6,000.0