

## INTERRUPTIBLE SERVICE RATE I-O

### CHARACTER OF SERVICE

The standard gas unit is defined as a therm

### AVAILABILITY

Available to any commercial or industrial customer for interruptible gas service whose primary source of fuel is oil. The Company, at its sole discretion, shall have the right to determine when interruptible gas is available for sale to the customer and when, by giving not less than two (2) hours verbal notice to the customer, interruptible sales shall be curtailed. Generally, interruptible sales volumes will be available each year during the seven months period April 1 to October 31. The customer's maximum hourly demand, maximum daily quantity and identification of alternative fuel under the Definitions section shall be contained in a separate gas service agreement between the Company and the interruptible customer.

### RATE

The customer shall pay for all gas supplied hereunder an amount determined as follows:

#### Basic Rate

The price to be paid each month per dekatherm for all gas supplied hereunder will be a direct function of the price of the customer's alternative fuel oil. This price will be calculated in accordance with the following formula:

$$\text{Rate} = \frac{(\text{Average posted price per barrel}) (\text{Gas Heating Value})}{(42) (\text{Heating value of the alternative fuel oil})} + \text{or} - \frac{\text{Price Adjustment}}{\text{Factor}}$$

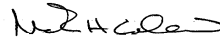
#### Definitions

(1) Average posted price

The "average posted price per barrel" shall be defined as an amount computed as follows:

Determine the monthly average of the daily averages of the low and high postings for the customer's alternative fuel oil for U.S. Tank Car Trust Transport Lots, Atlantic and Gulf Coast Resid., Boston, as reported in the Platt's Oilgram Price Report for the month gas has been supplied.

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Issued by:   
Title: Senior Vice  
President

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INTERRUPTIBLE SERVICE RATE I-O

(2) Gas Heating Value

(3) The gas heating value shall be defined as the actual therm Heating Value of the Alternative Fuel Oil

The "heating value of the alternative fuel oil" will be assumed to be:  
140,000 Btus per gallon for No. 2 oil.  
145,000 Btus per gallon for No. 4 oil.  
150,000 Btus per gallon for No. 6 oil.

(4) Price Adjustment Factor

An adjustment, measured in dollars per MMBtu may be granted by the Company if it so chooses when necessary to ensure that the gas offered to the Customer is competitively priced with the Customer's alternate fuel, but under no circumstances shall said adjustment lower the price of gas below the Company's marginal/incremental cost for the gas supply which the Company is supplying to the Customer. An adjustment may also be granted by the Customer if it so chooses when necessary to ensure that the price paid to the Company is at least equal to the Company's marginal/incremental cost for the gas supply which the Company is supplying to the customer. The Adjustment, if any, shall be determined by mutual agreement and prior to any gas deliveries. However, notwithstanding the above, the price computed using the above calculations shall not be less than the commodity cost of natural gas delivered to the Company plus \$0.05 per dekatherm.


ADDITIONAL PAYMENT FOR UNAUTHORIZED OVERRUN

If the customer exceeds the maximum daily quantity as specified in the service agreement, the customer shall pay the Company the Basic Rate plus \$15.00 for each dekatherm of such overrun, if, in fact, the customer's unauthorized overrun has caused the Company to exceed the maximum daily quantity specified in its contract with the Company's transporting pipeline and the Company has been assessed a penalty by that pipeline.

ADDITIONAL PAYMENT FOR UNAUTHORIZED GAS USE

The Company shall have the right to impose curtailment of natural gas supplies for unspecified periods upon notice to the Customer. If, during a period of curtailment, the Customer uses gas without authorization, the Customer shall pay the Company the Basic Rate plus a penalty of \$15.00 for each dekatherm of unauthorized gas consumed.

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INTERRUPTIBLE SERVICE RATE I-O

ADDITIONAL PAYMENT FOR APPROVED EMERGENCY GAS USE

In the event of emergencies related to the customer's alternative fuel equipment, the Company will, at its discretion, upon request from the customer, provide temporary supplies of natural gas during the emergency periods. Each dekatherm of approved emergency gas consumed by a customer will be billed at the Company's applicable Commercial and Industrial Tariff plus any cost of gas adjustment in effect except that during the six months period November 1 through April 30, the cost of gas adjustment will be predicated on the total cost of supplemental gas reflected in the cost of gas adjustment in effect during that period.

TERM OF CONTRACT

The initial term of contract for gas service and any subsequent renewals thereof shall expire on December 31 of each year. This contract shall automatically renew itself for one year periods unless terminated by either party upon thirty (30) days' notice.

TERMS OF PAYMENT

Bills are rendered net and are due and payable upon presentation. A late payment charge of 1% per month (12%) per annum will be assessed on all balances that remain unpaid thirty (30) days from the date of the invoice.

TURN-ON CHARGE

Where service is established or re-established during regular working hours, a service charge of \$36.00 will be required; after hours and on Saturday, Sunday or holidays a charge of \$75.00 will be required.

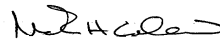
CHARGE FOR RETURNED CHECKS

As provided for in Chapter 870 of the MPUC Rules and Regulations, the Company will charge Customers a fee equal to the greater of \$5.00 per check or the amount the bank charges the utility, not to exceed \$15.00, for Customer checks returned for non-payment to the utility by a bank.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Terms and Conditions of the Company as filed with the Maine Public Utilities Commission.

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President

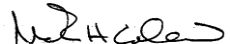
**DOCKET NO 2017-00065**  
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CANCELED  
AND  
RESERVED FOR FUTURE USE

Docket No. 2013-00133

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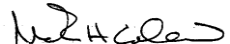
Issued by:   
Title: Treasurer

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Docket No. 2013-00133

Issued: December 5, 2013

Effective: January 1, 2014

Issued by:   
Title: Treasurer

## INTERRUPTIBLE SERVICE RATE I-P

### CHARACTER OF SERVICE

The standard gas unit is defined as a therm.

### AVAILABILITY

Available to any commercial or industrial customer for interruptible gas service whose primary source of fuel is propane. The Company, at its sole discretion, shall have the right to determine when interruptible gas is available for sale to the customer and when, by giving not less than two (2) hours' verbal notice to the customer, interruptible sales shall be curtailed. Generally, interruptible sales volumes will be available each year during the seven-month period April 1 to October 31. The customer's maximum hourly demand, maximum daily quantity and identification of alternative fuel under the Definitions section shall be contained in a separate gas service agreement between the Company and the interruptible customer.

### RATE

The customer shall pay for all gas supplied hereunder an amount determined as follows:

#### Basic Rate

The price to be paid each month per dekatherm for all gas supplied hereunder will be a direct function of the price of the customer's alternative propane fuel. This price will be calculated in accordance with the following formula:

$$\text{Rate} = (\text{APP} + \text{T}) (10.9) (\text{Gas Heating Value}) + \text{or} - \frac{\text{Price Adjustment}}{\text{Factor}}$$

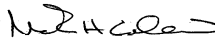
#### Definitions

(1) Average Posted Price (APP)

The "Average Posted Price" shall be defined as an amount per gallon computed as follows:

Determine the monthly average of the posted price expressed in dollars per gallon, for HD5 liquid propane, Selkirk, New York, as reported in the Oil Price Information Service.

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### INTERRUPTIBLE SERVICE RATE I-P

(2) Transportation Rate (T)

The "Transportation Rate" expressed in dollars per gallon, shall be the currently effective charge for transporting liquid propane from Selkirk, New York to customer's plant as reported in the Bulk Carrier Conference, Inc., Agent.

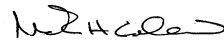
3 Price Adjustment Factor

An adjustment, measured in dollars per MMBtu may be granted by the Company if it so chooses when necessary to ensure that the gas offered to the Customer is competitively priced with the Customer's alternate fuel, but under no circumstances shall said adjustment lower the price of gas below the Company's marginal/incremental cost for the gas supply which the Company is supplying to the Customer. An Adjustment may also be granted by the Customer if it so chooses when necessary to ensure that the price paid to the Company is at least equal to the Company's marginal/incremental cost for the gas supply which the Company is supplying to the customer. The adjustment, if any, shall be determined by mutual agreement and prior to any gas deliveries. However, notwithstanding the above, the price computed using the above calculations shall not be less than the commodity cost of natural gas delivered to the Company plus \$0.05 per dekatherm.

### ADDITIONAL PAYMENT FOR UNAUTHORIZED OVERRUN

If the customer exceeds the maximum daily quantity as specified in the service agreement, the customer shall pay the Company the Basic Rate plus \$15.00 for each dekatherm of such overrun, if, in fact, the customer's unauthorized overrun has caused the Company to exceed the maximum daily quantity specified in its contract with Company's transporting pipeline and the Company has been assessed a penalty by that pipeline

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## INTERRUPTIBLE SERVICE RATE I-P

### ADDITIONAL PAYMENT FOR UNAUTHORIZED GAS USE

The Company shall have the right to impose curtailment of natural gas supplies for unspecified periods upon notice to the Customer. If, during a period of curtailment, the Customer uses gas without authorization, the Customer shall pay the Company the Basic Rate plus a penalty of \$15.00 for each decatherm of unauthorized gas consumed.

### ADDITIONAL PAYMENT FOR APPROVED EMERGENCY GAS USE

In the event of emergencies related to the customer's alternative fuel equipment, the Company will, at its discretion, upon request from the customer, provide temporary supplies of natural gas during the emergency periods. Each dekatherm of approved emergency gas consumed by a customer will be billed at the Company's applicable Commercial and Industrial Tariff plus any cost of gas adjustment in effect except that during the six-month period November 1 through April 30, the cost of gas adjustment will be predicated on the total cost of supplemental gas reflected in the cost of gas adjustment in effect during that period.

If, after the period of emergency gas use is completed, the Company determines that the average rate paid by an emergency gas use customer was less than the Company's incremental cost of gas for the same period, the customer will be billed an additional amount equal to the product of the customer's emergency use sales volumes and the difference between the actual incremental cost of gas sendout and the customer's actual average billed rate.

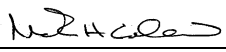
### TERM OF CONTRACT

The initial term of contract for gas service and any subsequent renewals thereof shall expire on December 31 of each year. This contract shall automatically renew itself for one-year periods unless terminated by either party upon thirty (30) days' notice.

### TERMS OF PAYMENT

Bills are rendered net and are due and payable upon presentation. A late payment charge of 1% per month (12%) per annum will be assessed on all balances that remain unpaid thirty (30) days from the date of the invoice.

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INTERRUPTIBLE SERVICE RATE I-P

TURN-ON CHARGE

Where service is established or re-established during regular working hours, a service charge of \$36.00 will be required; after hours and on Saturday, Sunday or holidays a charge of \$75.00 will be required.

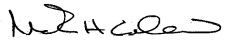
CHARGE FOR RETURNED CHECKS

As provided for in Chapter 870 of the MPUC Rules and Regulations, the Company will charge Customers a fee equal to the greater of \$5.00 per check or the amount the bank charges the utility, not to exceed \$15.00, for Customer checks returned for non-payment to the utility by a bank.

TERMS AND CONDITIONS

Service under this rate schedule is subject to the Terms and Conditions of the Company as filed with the Maine Public Utilities Commission.

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President

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INTERRUPTIBLE SERVICE RATE I-W

CHARACTER OF SERVICE

The standard gas unit is defined as a therm.

AVAILABILITY

Available to any commercial or industrial customer for interruptible gas service whose primary source of fuel is wood. The Company, at its sole discretion, shall have the right to determine when interruptible gas is available for sale to the customer and when, by giving not less than two (2) hours' verbal notice to the customer, interruptible sales shall be curtailed. Generally, interruptible sales volumes will be available each year during the seven-month period April 1 to October 31. The customer's maximum hourly demand, maximum daily quantity and identification of alternative fuel under the Definitions section shall be contained in a separate gas service agreement between the Company and the interruptible customer.

RATE

The customer shall pay for all gas supplied hereunder an amount determined as follows:

Basic Rate

The price to be paid each month per dekatherm for all gas supplied hereunder will be a direct function of the price of the customer's alternative wood fuel. This price will be calculated in accordance with the following formula:

$$\text{Rate} = \frac{(\text{APW}) (1,000,000)}{\text{HVW}} + \frac{(\text{WAD}) (\text{PWA})}{(\text{HVW}) (100)} \quad \frac{\text{CEG}}{\text{CEW}}$$


+ or - Price Adjustment Factor

Definitions

- (1) Average Price of Wood (APW)

The "Average Price of Wood" shall be determined monthly based on an affidavit provided by Customer to Northern Utilities at least five (5) working days prior to the end of the billing month. The affidavit will indicate the Customer's current cost of wood expressed in dollars per ton.

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INTERRUPTIBLE SERVICE RATE I-W

(2) Heat Value of Wood (HVW)

The "Heat Value of Wood" will be expressed in BTU's per ton and shall be a direct function of the type of wood being burned by the Customer.

(3) Combustion Efficiency of Gas (CEG)

The "Combustion Efficiency of Gas" will be expressed as a percentage and will be a direct function of the operating characteristics of the Customer's boiler.

(4) Combustion Efficiency of Wood (CEW)

The "Combustion Efficiency of Wood" will be expressed as a percentage and will be a direct function of the operating characteristics of the Customer's boiler.

(5) Wood Ash Disposal Cost (WAD)

The "Wood Ash Disposal Cost" shall be determined monthly based on an affidavit provided by Customer to Northern Utilities at least five (5) working days prior to the end of the billing month. The affidavit will indicate the Customer's current cost of wood ash disposal, including transportation, expressed in dollars per ton.

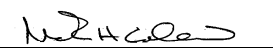
(6) Percent Wood Ash (PWA)

The "Percent Wood Ash" represents the percent of the wood residue that remains after the combustion of the wood fuel.

(7) Price Adjustment Factor

An adjustment, measured in dollars per MMBtu may be granted by the Company if it so chooses when necessary to ensure that the gas offered to the Customer is competitively priced with the Customer's alternate fuel, but under no circumstances shall said adjustment lower the price of gas below the Company's marginal/incremental cost for the gas supply which the Company is supplying to the Customer.

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Senior Vice President

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### INTERRUPTIBLE SERVICE RATE I-W

An Adjustment may also be granted by the Customer if it so chooses when necessary to ensure that the price paid to the Company is at least equal to the Company's marginal/incremental cost for the gas supply which the Company is supplying to the customer. The Adjustment, if any, shall be determined by mutual agreement and prior to any gas deliveries. However, notwithstanding the above, the price computed using the above calculations shall not be less than the commodity cost of natural gas delivered to the Company plus \$0.05 per dekatherm.

#### ADDITIONAL PAYMENT FOR UNAUTHORIZED OVERRUN

If the customer exceeds the maximum daily quantity as specified in the service agreement, the customer shall pay the Company the Basic Rate plus \$15.00 for each dekatherm of such overrun, if, in fact, the customer's unauthorized overrun has caused the Company to exceed the maximum daily quantity specified in its contract with the Company's transporting pipeline and the Company has been assessed a penalty by that pipeline.

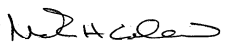
#### ADDITIONAL PAYMENT FOR UNAUTHORIZED GAS USE

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## INTERRUPTIBLE SERVICE RATE I-W

### ADDITIONAL PAYMENT FOR APPROVED EMERGENCY GAS USE (Continued)

If, after the period of emergency gas use is completed, the Company determines that the average rate paid by an emergency gas use customer was less than the Company's incremental cost of gas for the same period, the customer will be billed an additional amount equal to the product of the customer's emergency use sales volumes and the difference between the actual incremental cost of gas sendout and the customer's actual average billed rate.

### TERM OF CONTRACT

The initial term of contract for gas service and any subsequent renewals thereof shall expire on December 31 of each year. This contract shall automatically renew itself for one-year periods unless terminated by either party upon thirty (30) days' notice.

### TERMS OF PAYMENT

Bills are rendered net and are due and payable upon presentation. A late payment charge of 1% per month (12%) per annum will be assessed on all balances that remain unpaid thirty (30) days from the date of the invoice.

### TURN-ON CHARGE

Where service is established or re-established during regular working hours, a service charge of \$36.00 will be required; after hours and on Saturday, Sunday or holidays a charge of \$75.00 will be required.

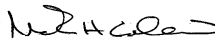
### CHARGE FOR RETURNED CHECKS

As provided for in Chapter 870 of the MPUC Rules and Regulations, the Company will charge Customers a fee equal to the greater of \$5.00 per check or the amount the bank charges the utility, not to exceed \$15.00, for Customer checks returned for non-payment to the utility by a bank.

### TERMS AND CONDITIONS

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M.P.U.C.  
Northern Utilities, Inc.

Fourth Revised Page 23.1  
Superseding Third Revised Page 23.1

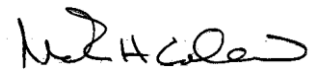
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Issued: December 9, 2011

Effective: January 1, 2012

Issued by:



Title:

Treasurer

M.P.U.C.  
Northern Utilities, Inc.

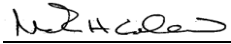
Third Revised Page 23.2  
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Title: Treasurer

M.P.U.C.  
Northern Utilities, Inc.

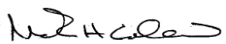
Third Revised Page 24.1  
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Issued: December 5, 2013

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Issued by:   
Title: Treasurer



M.P.U.C.  
Northern Utilities, Inc.

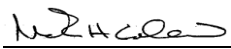
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Title: Treasurer

M.P.U.C.  
Northern Utilities, Inc.


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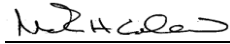
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M.P.U.C.  
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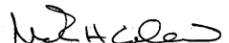
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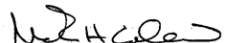
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Issued by:   
Title: Treasurer

**SHEET RESERVED FOR FUTURE USE**

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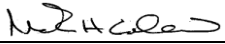
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Title:

Treasurer