



Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Utilities

DE 17-136

2018 – 2020 New Hampshire Statewide Energy Efficiency Plan

Hearing Record Requests

Date Request Received: 12/17/19
Request No. RR-2

Date of Response: 12/20/19
Respondent: Heather M. Tebbetts

REQUEST:

Please provide the bill impacts to an average EnergyNorth Natural Gas customer as a result of the LDAC change attributable to the proposed EERS programs for 2020.

RESPONSE:

Please see Attachment RR-2 for the requested information. In 2018, the Company filed for an LDAC energy efficiency rate of \$0.0450 for residential customers and \$0.0387 in Docket No. DG 18-137. During the adjudicative process, the Company found the proposed rate included a significant over recovery that wasn't taken into account when the filing was made on September 1, 2018. That over recovery was included in the final rates of \$0.0287 for residential customers and \$0.0387 for C&I customers, as approved in the docket, and thus artificially low for residential customers. Due to the over recovery being fully credited back to customers during the 2018-2019 period, the 2020 Cost of Gas filing in Docket No. DG 19-145 LDAC energy efficiency rate reflects a rate that is more in line with rates prior to the 2018-2019 Cost of Gas period.

**Liberty Utilities (EnergyNorth Natural Gas) Corp.
 d/b/a Liberty Utilities
 Energy Efficiency Bill Impact Analysis**

R-3 ResidentialHeating ENNG Rates Effective 11/01/19 except for EE is 11/01/18 rate	
Therms-Avg Monthly Use - Winter Period	111
Delivery Charge	\$ 15.20
Volumetric Charge All Therms	\$ 0.5569
Volumetric Charge	
COG Charge	\$ 0.6203
LDAC	\$ (0.0043)
Energy Efficiency	\$ 0.0287
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0623)
Energy Efficiency	
Resource Standard Lost	
Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
Total Bill	<u>\$ 145.39</u>

R-3 ResidentialHeating ENNG Rates Effective 11/01/19 - Beginning of Winter Period 2019/2020	
Therms-Avg Monthly Use - Winter Period	111
Delivery Charge	\$ 15.20
Volumetric Charge All Therms	\$ 0.5569
Volumetric Charge	
COG Charge	\$ 0.6203
LDAC	\$ 0.0310
Energy Efficiency	\$ 0.0640
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0623)
Energy Efficiency	
Resource Standard Lost	
Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
\$	\$ -
Total Bill	<u>\$ 149.31</u>

R-3 ResidentialHeating EE Bill Impact	
Therms-Avg Monthly Use - Winter Period	111
Delivery Charge	\$ -
Volumetric Charge All Therms	\$ -
Volumetric Charge	
COG Charge	\$ -
LDAC	\$ 0.0353
Energy Efficiency	\$ 0.0353
Environmental Surcharge	\$ -
Revenue Decoupling Adjustment Factor	\$ -
Energy Efficiency	
Resource Standard Lost	
Revenue Mechanism	\$ -
Rate Case Expense Factor	\$ -
Residential Low Income Assistance Program	\$ -
Total Bill Impact of EE Rate Change for Avg. Winter Month	<u>\$ 3.92</u>

G-41 COMMERCIAL/INDUSTRIAL SERVICE: LOW ANNUAL USE, HIGH WINTER USE ENNG Rates Effective 11/01/19 except for EE is 11/01/18 rate	
Therms-Avg Monthly Use - Winter Period	345
Delivery Charge	\$ 56.36
Volumetric Charge First 100	\$ 0.4621
Volumetric Charge >100	\$ 0.3104
COG Charge	\$ 0.6190
LDAC	\$ 0.0439
Energy Efficiency	\$ 0.0387
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
Total Bill	<u>\$ 407.32</u>

G-41 COMMERCIAL/INDUSTRIAL SERVICE: LOW ANNUAL USE, HIGH WINTER USE ENNG Rates Effective 11/01/19 - Beginning of Winter Period 2019/2020	
Therms-Avg Monthly Use - Winter Period	345
Delivery Charge	\$ 56.36
Volumetric Charge First 100	\$ 0.4621
Volumetric Charge >100	\$ 0.3104
COG Charge	\$ 0.6190
LDAC	\$ 0.0478
Energy Efficiency	\$ 0.0426
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
\$	\$ -
Total Bill	<u>\$ 408.66</u>

G-41 COMMERCIAL/INDUSTRIAL SERVICE: LOW ANNUAL USE, HIGH WINTER USE EE Bill Impact	
Therms-Avg Monthly Use - Winter Period	345
Delivery Charge	\$ -
Volumetric Charge First 100	\$ -
Volumetric Charge >100	\$ -
COG Charge	\$ -
LDAC	\$ 0.0039
Energy Efficiency	\$ 0.0039
Environmental Surcharge	\$ -
Energy Efficiency Resource	
Standard Lost Revenue Mechanism	\$ -
Rate Case Expense Factor	\$ -
Residential Low Income Assistance Program	\$ -
Revenue Decoupling Adjustment Factor	\$ -
Total Bill Impact of EE Rate Change for Avg. Winter Month	<u>\$ 1.35</u>

G-42 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, HIGH WINTER USE RATE ENNG Rates Effective 11/01/19 except for EE is 11/01/18 rate	
Therms-Avg Monthly Use - Winter Period	2994
Delivery Charge	\$ 169.09
Volumetric Charge First 1000 Therms	\$ 0.4202
Volumetric Charge >1000 Therms	\$ 0.2800
COG Charge	\$ 0.6190
LDAC	\$ 0.0439
Energy Efficiency	\$ 0.0387
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0000
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
Total Bill	<u>\$ 3,132.47</u>

G-42 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, HIGH WINTER USE RATE ENNG Rates Effective 11/01/19 - Beginning of Winter Period 2019/2020	
Therms-Avg Monthly Use - Winter Period	2994
Delivery Charge	\$ 169.09
Volumetric Charge First 1000 Therms	\$ 0.4202
Volumetric Charge >1000 Therms	\$ 0.2800
COG Charge	\$ 0.6190
LDAC	\$ 0.0478
Energy Efficiency	\$ 0.0426
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0000
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
\$	\$ -
Total Bill	<u>\$ 3,144.14</u>

G-42 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, HIGH WINTER USE RATE EE Bill Impact	
Therms-Avg Monthly Use - Winter Period	2994
Delivery Charge	\$ -
Volumetric Charge First 1000 Therms	\$ -
Volumetric Charge >1000 Therms	\$ -
COG Charge	\$ -
LDAC	\$ 0.0039
Energy Efficiency	\$ 0.0039
Environmental Surcharge	\$ -
Energy Efficiency Resource	
Standard Lost Revenue Mechanism	\$ -
Rate Case Expense Factor	\$ -
Residential Low Income Assistance Program	\$ -
Revenue Decoupling Adjustment Factor	\$ -
Total Bill Impact of EE Rate Change for Avg. Winter Month	<u>\$ 11.68</u>

G-52 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, ENNG Rates Effective 11/01/19 except for EE is 11/01/18 rate	
Therms-Avg Monthly Use - Winter Period	2141
Delivery Charge	\$ 169.09
Volumetric Charge First 1000 Therms	\$ 0.2392
Volumetric Charge >1000 Therms	\$ 0.1593
COG Charge	\$ 0.6258
LDAC	\$ 0.0439
Energy Efficiency	\$ 0.0387
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
Total Bill	<u>\$ 2,023.88</u>

G-52 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, ENNG Rates Effective 11/01/19 - Beginning of Winter Period 2019/2020	
Therms-Avg Monthly Use - Winter Period	2141
Delivery Charge	\$ 169.09
Volumetric Charge First 1000 Therms	\$ 0.2392
Volumetric Charge >1000 Therms	\$ 0.1593
COG Charge	\$ 0.6258
LDAC	\$ 0.0478
Energy Efficiency	\$ 0.0426
Environmental Surcharge	\$ 0.0153
Revenue Decoupling Adjustment Factor	\$ (0.0241)
Energy Efficiency	
Resource Standard Lost Revenue Mechanism	\$ 0.0001
Rate Case Expense Factor	\$ 0.0017
Residential Low Income Assistance Program	\$ 0.0123
\$	\$ -
Total Bill	<u>\$ 2,032.23</u>

G-52 COMMERCIAL/INDUSTRIAL SERVICE: MEDIUM ANNUAL USE, EE Bill Impact	
Therms-Avg Monthly Use - Winter Period	2141
Delivery Charge	\$ -
Volumetric Charge First 1000 Therms	\$ -
Volumetric Charge >1000 Therms	\$ -
COG Charge	\$ -
LDAC	\$ 0.0039
Energy Efficiency	\$ 0.0039
Environmental Surcharge	\$ -
Energy Efficiency Resource	
Standard Lost Revenue Mechanism	\$ -
Rate Case Expense Factor	\$ -
Residential Low Income Assistance Program	\$ -
Revenue Decoupling Adjustment Factor	\$ -
Total Bill Impact of EE Rate Change for Avg. Winter Month	<u>\$ 8.35</u>