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

# DG 21-130 Winter 2021/2022 Cost of Gas and Summer 2022 Cost of Gas

New Hampshire Public Utilities Commission Record Requests - Set 2

Date Request Received: 10/25/21 Date of Response: 10/27/21 Request No. PUC RR 2-4 Respondent: David Simek

Catherine McNamara

### **REQUEST:**

Please provide a summary of the components of the LDAC, including a description of each component, the Commission authority that allows recovery of that component, the dollar amount of each component, and the percentage of the whole LDAC represented by each component. Please provide this information for the current filing and for the prior two years.

## **RESPONSE:**

Please refer to Attachment PUC RR 2-4.1 which accompanies this response for the detail describing EnergyNorth's LDAC components, a description of each component, and the Commission authority that allows for recovery of each component.

Please also refer to Attachment PUC RR 2-4.2 for information regarding the three-year (2019–2022) rates detail, including comparisons to the prior year and information regarding the components as a percentage of the total LDAC rate.

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EnergyNorth Natural Gas Local Distribution Adjustment Clause					
LDAC Component	Component Description	Commission Authority			
Energy Efficiency Charge(EE)	The Energy Efficiency Charge is designed to recover the projected expenses associated with the Company's energy efficiency programs.	Order No. 26,440 in Docket No. DE 20-092 Gas and Electric Utilities 2021-2023 New Hampshire Statewide Energy Efficiency Plan.			
Environmental Surcharge (ES)	The Environmental Surcharge Charge is designed to recover expenditures associated with former manufactured gas Programs, there shall be an ES Rate applied to all firm volumes billed under the Company's delivery service charges.	Order No. 23,303 in Docket No. DG 99-060 ENNG Petition for Approval of Recovery Mechanism for Costs Related to Clean-Up of Manufactured Gas Sites.			
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) This is replaced by RDAF	The Energy Efficiency Resource Standard Lost Revenue Mechanism id esigned to establish a procedure that allows the Company, subject to the jurisdiction of the NHPUC, to adjust, on an annual basis, the Lost Revenue Adjustment Rate, if and when applicable, to firm sales service and firm delivery service throughput in order to recover from firm customers lost revenue related to Energy Efficiency programs, pursuant to Order No. 25,932 in Docket DE 15-137, Energy Efficiency Resource Standard.	Order No. 25,932 in Docket DE 15-137, Energy Efficiency Resource Standard. The RDAF and NWA shall take effect beginning on November 1, 2018, and replace the Lost Revenue Adjustment Mechanism (LRAM) established in Order No. 25,932 (Docket No. DE 15-137).			
Revenue Decoupling Adjustment Factor (RDAF) this replaces the LRAM	The Revenue Decoupling Adjustment Factor is designed to recover or refund, on an annual basis, the difference between the Actual Base Revenue per Customer and the Benchmark Base Revenue per Customer.	Order No. 26,505 in Docket No. DG 20-105 ENNG Petition for Permanent Rates			
Rate Case Expense Factor (RCEF)	The Rate Case Expense Factor is designed to adjust its rates for the recovery of NHPUC approved rate case expenses and the reconciliation of temporary rates.	Order No. 26,505 in Docket No. DG 20-105 ENNG Petition for Permanent Rates			
Residential Gas Assistance Program(RGAP) formerly the Residential Low Income Assistance Program (RLIAP)	The Residential Gas Assistance Program is designed to establish a procedure that allows the Company, subject to the jurisdiction of the NHPUC, to recover the revenue shortfall (costs) associated with customers participating in the Gas Assistance Program ("GAP"). Such costs, as well as, associated administrative and marketing costs shall be recovered by applying a GAP rate to all firm sales and transportation service throughput.	Order No. 26,397 in Docket DG 20-013 ENNG GAP(Gas Assistance Plan) formerly RLIAP			

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#### <u>EnergyNorth Natural Gas</u> <u>Local Distribution Adjustment Clause</u>

			2019-2020	
LDAC Component	LDAC/therm rate	% of total LDAC	Change from Prior Year	% Change from Prior Year
Residential LDAC				
Energy Efficiency Charge(EE)	\$0.0640	207%	\$0.0353	123.0%
Environmental Surcharge (ES)	\$0.0153	49%	-\$0.0008	-5.0%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0001	0%	-\$0.0002	-79.3%
Revenue Decoupling Adjustment Factor (RDAF)	-\$0.0623	-201%	-\$0.0623	== 00/
Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0017 \$0.0123	5% 40%	-\$0.0063 -\$0.0007	-79.2% -5.4%
LDAC	\$0.0310	100%	-\$0.0351	-5.4 /0
	*******		-\$0.0351	
Commercial/Industrial LDAC				
Energy Efficiency Charge(EE)	\$0.0426	89%	\$0.0039	10.1%
Environmental Surcharge (ES)	\$0.0153	32%	-\$0.0008	-5.0%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0001	0%	\$0.0000	-34.6%
Revenue Decoupling Adjustment Factor (RDAF)	-\$0.0241	-50%	-\$0.0241	
Rate Case Expense Factor (RCEF)	\$0.0017	3%	-\$0.0063	-79.2%
Residential Low Income Assistance Program (RLIAP)  LDAC	\$0.0123 \$0.0478	26% 100%	-\$0.0005 - <b>\$0.0278</b>	-3.9%
EDAG	ψ0.0470	10070	-\$0.0278	
Transportation Customers LDAC				
Energy Efficiency Charge(EE)	\$0.0426	89%	\$0.0039	10.1%
Environmental Surcharge (ES)	\$0.0153	32%	-\$0.0008	-5.0%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0001	0%	\$0.0000	-34.6%
Revenue Decoupling Adjustment Factor (RDAF)	-\$0.0241	-50%	-\$0.0241	<b>70.00</b> /
Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0017 \$0.0123	3% 26%	-\$0.0063 -\$0.0005	-79.2% -3.9%
LDAC	\$0.0478	100%	-\$0.0278	-3.9%
EDAG	<b>40.0470</b>	10070	-\$0.0278	
			2020-2021	
LDAC Component	LDAC/therm rate	% of total LDAC	2020-2021 Change from Prior Year	% Change from Prior Year
Residential LDAC			Change from Prior Year	-
Residential LDAC Energy Efficiency Charge(EE)	\$0.0831	141%	Change from Prior Year \$0.0191	29.8%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES)	\$0.0831 \$0.0198	141% 34%	<u>Change from Prior Year</u> \$0.0191 \$0.0045	29.8% 29.4%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0831 \$0.0198 \$0.0000	141% 34% 0%	\$0.0191 \$0.0045 -\$0.0001	29.8% 29.4% -100.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562	141% 34%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062	29.8% 29.4% -100.0% -9.9%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0831 \$0.0198 \$0.0000	141% 34% 0% -95%	\$0.0191 \$0.0045 -\$0.0001	29.8% 29.4% -100.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002	141% 34% 0% -95% 0%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0004	29.8% 29.4% -100.0% -9.9% -85.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119	141% 34% 0% -95% 0% 20%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0014	29.8% 29.4% -100.0% -9.9% -85.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119	141% 34% 0% -95% 0% 20%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0004	29.8% 29.4% -100.0% -9.9% -85.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119	141% 34% 0% -95% 0% 20%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0004	29.8% 29.4% -100.0% -9.9% -85.0%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Commercial/Industrial LDAC Energy Efficiency Charge(EE)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119 \$0.0589	141% 34% 0% -95% 0% 20% 100%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0014 -\$0.0024 \$0.0279 \$0.0279	29.8% 29.4% -100.0% -9.9% -85.0% -3.3%
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Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Commercial/Industrial LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Transportation Customers LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Sesource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119 \$0.0589 \$0.0441 \$0.0197 \$0.0000 -\$0.0206 \$0.0002 \$0.0119 \$0.0554	141% 34% 0% -95% 0% 20% 100%  80% -37% 0% 21% 100%	\$0.0191 \$0.0045 \$0.0062 \$0.0062 \$0.0062 \$0.0079 \$0.0279 \$0.0279 \$0.0015 \$0.0044 \$0.0075 \$0.0075 \$0.0075	29.8% 29.4% -100.0% -9.9% -85.0% -3.3% -100.0% -14.5% -85.0% -3.3% -100.0% -100.0% -14.5% -85.0% -100.0% -14.5%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Commercial/Industrial LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Transportation Customers LDAC Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119 \$0.0589 \$0.0441 \$0.0197 \$0.0000 -\$0.0206 \$0.0002 \$0.0119 \$0.0554	141% 344% 0% -95% 0% 20% 100%  80% 36% 0% 21% 100%	\$0.0191 \$0.0045 -\$0.0001 \$0.0062 -\$0.0014 -\$0.0004 \$0.0279 \$0.0279 \$0.0279 \$0.0015 \$0.0044 -\$0.0001 \$0.0035 -\$0.0014 -\$0.0005 \$0.0075	29.8% 29.4% -100.0% -9.9% -85.0% -3.3%  3.5% 29.0% -100.0% -14.5% -3.3%
Residential LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Commercial/Industrial LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP) LDAC  Transportation Customers LDAC Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Charge(EE) Environmental Surcharge (ES) Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM) Revenue Decoupling Adjustment Factor (RDAF) Rate Case Expense Factor (RCEF) Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)	\$0.0831 \$0.0198 \$0.0000 -\$0.0562 \$0.0002 \$0.0119 \$0.0589 \$0.0441 \$0.0197 \$0.0000 -\$0.0002 \$0.0119 \$0.0554	141% 34% 0% -95% 0% 20% 100%  80% -37% 0% 21%  80% 36% 0% 214%	\$0.0191 \$0.0045 -\$0.0014 -\$0.0046 -\$0.0014 -\$0.00279 \$0.0279 \$0.0279 \$0.0014 -\$0.0001 \$0.0035 -\$0.0015 \$0.0075 \$0.0075	29.8% 29.4% -100.0% -9.9% -85.0% -3.3%  3.5% 29.0% -100.0% -14.5% -85.0% -3.3%

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#### EnergyNorth Natural Gas Local Distribution Adjustment Clause

			2021-2022	
LDAC Component	LDAC/therm rate	% of total LDAC	Change from Prior Year	% Change from Prior Year
Residential LDAC				
Energy Efficiency Charge(EE)	\$0.0861	60%	\$0.0030	3.5%
Environmental Surcharge (ES)	\$0.0155	11%	-\$0.0044	-22.0%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0000	0%	\$0.0000	
Revenue Decoupling Adjustment Factor (RDAF)	\$0.0152	11%	\$0.0714	-127.1%
Rate Case Expense Factor (RCEF)	\$0.0121	8%	\$0.0119	4774.8%
Residential Low Income Assistance Program (RLIAP)	\$0.0156 <b>\$0.1444</b>	11% <b>100%</b>	\$0.0037 <b>\$0.0855</b>	31.1% 4660.4%
LDAC	\$0.1444	100%		4660.4%
			0.0324	
Commercial/Industrial LDAC				
Energy Efficiency Charge(EE)	\$0.0408	46%	-\$0.0034	-7.6%
Environmental Surcharge (ES)	\$0.0155	18%	-\$0.0043	-21.7%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0000	0%	\$0.0000	
Revenue Decoupling Adjustment Factor (RDAF)	\$0.0039	4%	\$0.0245	-118.9%
Rate Case Expense Factor (RCEF)	\$0.0121	14%	\$0.0119	4774.8%
Residential Low Income Assistance Program (RLIAP)	\$0.0156	18%	\$0.0037	31.1%
LDAC	\$0.0878	100%	\$0.0324	4657.7%
			0.0324	
Transportation Customers LDAC				
Energy Efficiency Charge(EE)	\$0.0408	46%	-\$0.0034	-7.6%
Environmental Surcharge (ES)	\$0.0155	18%	-\$0.0043	-21.7%
Energy Efficiency Resource Standard Lost Revenue Mechanism (LRAM)	\$0.0000	0%	\$0.0000	
Revenue Decoupling Adjustment Factor (RDAF)	\$0.0039	4%	\$0.0245	-118.9%
Rate Case Expense Factor (RCEF)	\$0.0121	14%	\$0.0119	4774.8%
Residential Low Income Assistance Program (RLIAP)	\$0.0156	18%	\$0.0037	31.1%
LDAC	\$0.0878	100%	\$0.0324	4657.7%
			0.0324	