# 34 ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

**Manufactured Gas Plants** 

Required Annual Environmental Increase \$500,070

Estimated Ending Balance on October 31, 2023 -\$168,651

Annual Net Increase to Rates \$331,419

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2024 - sales and transportation 184,926,232 therms

MGP Surcharge per therm \$0.0018 per therm

Gasholder and pond at Gas Street, Concord, NH

Required Annual Environmental Increase \$35,011

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/2024 - sales and transportation 184,926,232 therms

Gasholder and pond at Gas Street, Concord, NH Surcharge per therm \$0.0002 per therm

Total Environmental Surcharge \$0.0020 per therm

DATED: August 21, 2023 ISSUED BY: /s/Neil Proudman

EFFECTIVE: November 1, 2023 TITLE: President

Neil Proudman

# 35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION

<u>Description</u>		
Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 2023	\$ (73,721)	
Rate Case Expense DG 17-048	\$ -	
Rate Case Expense DG 20-105	\$ -	
Rate Case Expense to Recover as of August 31, 2023	\$ -	
Projected Recoupment/Rate Case Expense Recovery Projected Interest Total Projected Recovery, November 1, 2023 - October 31, 2024	\$ (73,721) \$ 25,004 \$ (73,721)	
Forecast Throughput (Therms)	184,926,232	
RCE Factor (\$/Therm)	(\$0.0004)	

DATED: August 21, 2023 ISSUED BY: /s/Neil Proudman Neil Proudman

EFFECTIVE: November 1, 2023 TITLE: President

# 36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

Local Delivers Adjustment Charge Calcul	ation			
			Transportatio Customers	•
Residential Non Heating Rates - R-1			<u> </u>	
Energy Efficiency Charge	0.0667			
Demand Side Management Charge	0.0000	_		
Conservation Charge (CCx)		0.0667		
Relief Holder and pond at Gas Street, Concord, NH	0.0002			
Manufactured Gas Plants	0.0018	_		
Environmental Surcharge (ES)		0.0020		
Revenue Decoupling Adjustment Factor (RDAF)		0.1041		
Property Tax Adjustment Mechanism (PTAM)		0.0157		
Rate Case Expense Factor (RCEF)		(0.0004)		
Gas Assistance Program (GAP)		0.0093		
LDAC		0.1974	per therm	
Residential Heating Rates - R-3, R-4, R-6, R-7				
Energy Efficiency Charge	0.0667			
Demand Side Management Charge	0.0000			
Conservation Charge (CCx)		0.0667		
Relief Holder and pond at Gas Street, Concord, NH	0.0002	0.0001		
Manufactured Gas Plants	0.0018			
Environmental Surcharge (ES)	0.0010	0.0020		
Revenue Decoupling Adjustment Factor (RDAF)		0.1041		
Property Tax Adjustment Mechanism (PTAM)		0.0157		
Rate Case Expense Factor (RCEF)		(0.0004)		
Gas Assistance Program (GAP)		0.0033		
LDAC		0.1974	per therm	
Lunc		0.1314	per caera	
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55				
Energy Efficiency Charge	0.0444			
	0.0000			
Demand Side Management Charge Conservation Charge (CCx)	0.0000	0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0002	0.0444	0.0444	
Manufactured Gas Plants	0.0002			
	0.0010	0.0020	0.0020	
Environmental Surcharge (ES)		0.0020	0.0020	
Revenue Decoupling Adjustment Factor (RDAF)				
Property Tax Adjustment Mechanism (PTAM)		0.0157	0.0157	
Rate Case Expense Factor (RCEF)		(0.0004)	(0.0004)	
Gas Assistance Program (GAP) LDAC		0.0093	0.0093 <b>0.0887</b>	per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56				
Energy Efficiency Charge	0.0444			
Demand Side Management Charge	0.0000	_		
Conservation Charge (CCx)		0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0002			
Manufactured Gas Plants	0.0018	_		
Environmental Surcharge (ES)		0.0020	0.0020	
Revenue Decoupling Adjustment Factor (RDAF)		0.0177	0.0177	
Property Tax Adjustment Mechanism (PTAM)		0.0157	0.0157	
Rate Case Expense Factor (RCEF)		(0.0004)	(0.0004)	
Gas Assistance Program (GAP)		0.0093	0.0093	
LDAC		0.0887	0.0887	per therm
Commercial/Industrial Large Annual Use Rates - G-43 G-53 G-54 G-46 G	-56. G-5	7. G-58		
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G Energy Efficiency Charge		7. G-58		
Energy Efficiency Charge	0.0444	7. G-58		
Energy Efficiency Charge Demand Side Management Charge		_	0.0444	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx)	0.0444 0.0000	7. G-58 - 0.0444	0.0444	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH	0.0444 0.0000 0.0002	_	0.0444	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0444 0.0000	0.0444		
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES)	0.0444 0.0000 0.0002	0.0444	0.0020	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)	0.0444 0.0000 0.0002	0.0444 0.0020 0.0177	0.0020 0.0177	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)	0.0444 0.0000 0.0002	0.0444 - 0.0020 0.0177 0.0157	0.0020 0.0177 0.0157	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF)	0.0444 0.0000 0.0002	0.0444 - 0.0020 0.0177 0.0157 (0.0004)	0.0020 0.0177 0.0157 (0.0004)	
Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)	0.0444 0.0000 0.0002	0.0444 - 0.0020 0.0177 0.0157	0.0020 0.0177 0.0157	per therm

DATED: August 21, 2023 ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: November 1, 2023 TITLE: President

## 34 ENVIRONMENTAL SURCHARGE - MANUFACTURED GAS PLANTS

Manufactured Gas Plants		
Required Annual Environmental Increase	\$983,056	\$500,070
DG 19-145 Audit adjustment of \$1,024,167 amortized over 3 years, approved by Order-	\$341,389	-\$168,651
Estimated Ending Balance on October 31, 20223	\$89,763	\$331,419
Environmental Subtotal	\$1,414,208	
Overall Annual Net Increase to Rates	\$1,414,208	
Estimated weather normalized firm therms billed for the twelve months ended 10/31/20234 - sales and transportation	<del>-186,338,561</del>	184,926,232 therms
MGP Surcharge per therm	\$0.0076	\$0.0018 per therm
Gasholder and pond at Gas Street, Concord, NH		
Required Annual Environmental Increase	\$69,514	\$35,011
Estimated weather normalized firm therms billed for the twelve months ended 10/31/20234 - sales and transportation	<del>-186,338,561</del>	184,926,232 therms
Gasholder and pond at Gas Street, Concord, NH Surcharge per therm	\$0.0004	\$0.0002 per therm
Total Environmental Surcharge (excludes Gas Holder per Order No. 26,692 dated September 29, 2022)	<u>\$0.0076</u>	\$0.0020 per therm

DATED: February 7, 2023 August 21, 2023

EFFECTIVE:November 1, 202<u>3</u>2

ISSUED BY: /s/Neil Proudman
Neil Proudman

TITLE: President

## 35 RATE CASE EXPENSE AND RECOUPMENT FACTOR CALCULATION

<u>Description</u>	Total	
Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 20234	<del>\$ 129,039</del> \$	(73,721)
Rate Case Expense DG 17-048	\$ (4, <del>836)</del> \$	-
Rate Case Expense DG 20-105	\$ 680,768 \$	¥
Rate Case Expense to Recover as of August 31, 20234	<del>\$ 675,932</del> \$	•
Projected Recoupment/Rate Case Expense Recovery	<del>\$ 804,971</del> \$	(73,721)
Projected Interest	<del>\$ 17,048</del> \$	29,668
Total Projected Recovery, November 1, 2022 - October 31, 2023 November 1, 2023 - October 31, 2024	<del>\$ 822,018</del> \$	(73,721)
Forecast Throughput (Therms)	186,338,561	184,926,232
RCE Factor (\$/Therm)	\$0.0044	(\$0.0004)

DATED: February 7 August 21, 2023

ISSUED BY: /s/Neil Proudman Neil Proudman

EFFECTIVE: November 1, 2023 November 1, 2022

TITLE: President

## 36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

	tment Char	ge Calcu	lation		Transportation Customers	•
Residential Non Heating Rates - R-1				Customers	L-12(0 ets	
Energy Efficiency Charge			0.0667			
Demand Side Management Charge			0.0000			
Conservation Charge (CCx)				0.0667		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0002			
Manufactured Gas Plants	0.0076		0.0018			
Environmental Surcharge (ES)		0.0076		0.0020		
Revenue Decoupling Adjustment Factor (RDAF)		0.0000		0.1041		
Property Tax Adjustment Mechanism (PTAM)		0.0124		0.0157		
Rate Case Expense Factor (RCEF)		0.0111		(0.0004)		
Gas Assistance Program (GAP)		0.0203		0.0093		
LDAC		0.1180	•	0.1974	per therm	
					•	
Residential Heating Rates - R-3, R-4, R-6, R-7						
Energy Efficiency Charge			0.0667			
Demand Side Management Charge			0.0000	_		
Conservation Charge (CCx)				0.0667		
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0002			
Manufactured Gas Plants	0.0076		0.0018			
Environmental Surcharge (ES)		0.0076		0.0020		
Revenue Decoupling Adjustment Factor (RDAF)		0.0000		0.1041		
Property Tax Adjustment Mechanism (PTAM)		0.0124		0.0157		
Rate Case Expense Factor (RCEF)		0.0111		(0.0004)		
Gas Assistance Program (GAP)		0.0203		0.0093		
LDAC		0.1180		0.1974	per therm	
Commercial/Industrial Low Annual Use Rates - G-41	G-51 G-44	G-55				
Energy Efficiency Charge	. G-31. G-44.	G-22	0.0444			
Demand Side Management Charge			0.0000			
Conservation Charge (CCx)			0.0000	0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0002	0.0444	0.0444	
Manufactured Gas Plants	0.0076		0.0018			
Environmental Surcharge (ES)	******	0.0076	0.0010	0.0020	0.0020	
Revenue Decoupling Adjustment Factor (RDAF)		0.0000		0.0177	0.0177	
Property Tax Adjustment Mechanism (PTAM)		0.0124		0.0157	0.0157	
Rate Case Expense Factor (RCEF)		0.0111		(0.0004)	(0.0004)	
Gas Assistance Program (GAP)		0.0203		0.0093	0.0093	
LDAC		0.0957	•	0.0887	0.0887	per therm
Commercial/Industrial Medium Annual Use Rates - G	-42 G-52 G	-45 G-56				
Energy Efficiency Charge			0.0444			
Demand Side Management Charge			0.0000	_		
Conservation Charge (CCx)				0.0444	0.0444	
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0002	0.0444	0.0444	
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0000		0.0002 0.0018	0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants		0.0076		0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES)		0.0076		_		
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)		0.0000		0.0020	0.0020	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)				0.0020 0.0177 0.0157	0.0020 0.0177 0.0157	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Succharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF)		0.0000		0.0020 0.0177 0.0157 (0.0004)	0.0020 0.0177	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)		0.0000 0.0124 0.0111		0.0020 0.0177 0.0157	0.0020 0.0177 0.0157 (0.0004)	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Hadustrial Large Annual Use Rates - G-4	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	0.0020 0.0177 0.0157 (0.0004) 0.0093	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	0.0020 0.0177 0.0157 (0.0004) 0.0093	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	0.0020 0.0177 0.0157 (0.0004) 0.0093	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx)	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Restance Program (GAEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	0.0020 0.0177 0.0157 (0.0004) 0.0093 <b>0.0887</b>	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887 7. G-58	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES)	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887 7. G-58	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP)  LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCX) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF)	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357 4. G-46. C	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887 7. G-58	0.0020 0.0177 0.0157 (0.0004) 0.0093 0.0887	per therm
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM) Rate Case Expense Factor (RCEF) Gas Assistance Program (GAP) LDAC  Commercial/Industrial Large Annual Use Rates - G-4 Energy Efficiency Charge Demand Side Management Charge Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants Environmental Surcharge (ES) Revenue Decoupling Adjustment Factor (RDAF) Property Tax Adjustment Mechanism (PTAM)	0.0076	0.0000 0.0124 0.0111 0.0203 0.0357	0.0018 	0.0020 0.0177 0.0157 (0.0004) 0.0033 <b>0.0887</b> <b>7. G-58</b> 0.0444	0.0020 0.0177 0.0157 (0.0004) 0.0033 <b>0.0887</b> 0.0444	per therm

DATED: May 15, 2023 August 21, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: June 1, 2023 November 1, 2023

TITLE: President