Received: 06/07/2023

June 7, 2023

Hon. Michelle L. Phillips
Secretary to the Commission
New York State Public Service Commission
Agency Building 3
Albany, New York 12223-1350

Re: Energy Cost Adjustment Mechanism Workpapers

Dear Secretary Phillips:

Central Hudson Gas and Electric Corporation ("Central Hudson" or the "Company") hereby submits its filing of redacted workpapers used to prepare the Company's Energy Cost Adjustment Mechanism Statements. An unredacted version of these workpapers has been filed under seal with the Records Access Officer along with a copy of the attached request for confidential treatment.

Questions regarding this submittal may be directed to Michael Bachan at 845-790-4898 or by email at MBachan@cenhud.com.

Respectfully submitted,

Michael D. Bachan

Michael Bachan
Associate Cost & Rate Analyst

cc: Ms. Jessica Vigars

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Received: 06/07/2023

STATEMENT OF MARKET PRICE CHARGE AND MARKET PRICE ADJUSTMENT

Pursuant to General Information Section 29, the following charges are applicable to customers served under the following Service Classifications.

MARKET PRICE CHARGE (MPC)

Applicable to All Energy Supplied Under:			(A) MONTHLY MPC Rate	(B) MONTHLY REC/ZEC/ACP/VS Rate	(C) = (A)+(B) MONTHLY Total MPC Rate	BIMONTHLY MPC Rate (*)
S.C. Nos. 1, 2 - Secondary, 2 -Non Demand & 9			$ 0.07029	$ 0.00619	$ 0.07648	
S.C. No. 2 - Primary			$ 0.06961	$ 0.00619	$ 0.07580	
S.C. Nos. 5 & 8			$ 0.05939	$ 0.00619	$ 0.06558	$ 0.07223
S.C. No. 6	12 Hour On-Peak	On Peak	$ 0.08367	$ 0.00619	$ 0.08986	
S.C. No. 6	12 Hour On-Peak	Off Peak	$ 0.06258	$ 0.00619	$ 0.06877	
S.C. No. 6	5 Hour On-Peak	On Peak	$ 0.17439	$ 0.00619	$ 0.18058	
S.C. No. 6	5 Hour On-Peak	Off Peak	$ 0.02811	$ 0.00619	$ 0.03430	

MARKET PRICE ADJUSTMENT (MPA)

Applicable to All Energy Supplied Under:			MONTHLY MPA Rate	BIMONTHLY MPA Rate (*)
S.C. Nos. 1, 2 - Secondary, 2 -Non Demand & 9			$ (0.00345)	
S.C. No. 2 - Primary			$ (0.00927)	
S.C. Nos. 5 & 8			$ (0.04556)	$ (0.02857)
S.C. No. 6	12 Hour On-Peak	On Peak	$ (0.00674)	
S.C. No. 6	12 Hour On-Peak	Off Peak	$ (0.01687)	
S.C. No. 6	5 Hour On-Peak	On Peak	$ -	
S.C. No. 6	5 Hour On-Peak	Off Peak	$ -	

(*) Average of MONTHLY rate from MPC-285 and MONTHLY MPC rate from MPC-286.
Bimonthly rate only applicable to S.C. No. 5 customers with a corresponding net metered account.

	(A) Composite NYISO Spot Auction Price	(B) UCAP Ratio	(A) x (B) Adjusted Rate
HPP UCAP (kW)	$ 5.70	110.459%	$ 6.30
Base HPP Charge (kWh)			$ 0.00410
REC/ZEC/ACP/VS Rate			$ 0.00619
Total HPP Charge (kWh)			$ 0.01029

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Received: 06/07/2023

STATEMENT OF MISCELLANEOUS CHARGES

Pursuant to General Information Section 29, the following charges are applicable to all customers served under the following Service Classifications:

	Rate Per kWh						Rate Per kW
	(A) Miscellaneous Charges per kWh	(B) Miscellaneous Charges Reconciliation	(C) Miscellaneous Charges (A) + (B)	(D) Other Miscellaneous Charges (see below)	(E) Bills Rendered Monthly (C) + (D)	Bills Rendered Bimonthly (*)	Other Miscellaneous Charges (see below)
S.C. No. 1 - Residential	($0.00155)	$0.00013	($0.00142)	$0.00321	$0.00179		$ -
S.C. No. 2 - Non-Demand	($0.00155)	$0.00013	($0.00142)	$0.00397	$0.00255		$ -
S.C. No. 2 - Primary	($0.00155)	$0.00013	($0.00142)	$0.00000	($0.00142)		$ 0.14
S.C. No. 2 - Secondary	($0.00155)	$0.00013	($0.00142)	$0.00000	($0.00142)		$ 0.26
S.C. No. 3 - Primary	($0.00155)	$0.00013	($0.00142)	$0.00000	($0.00142)		$ 0.23
S.C. No. 5 - Area Lighting	($0.00155)	$0.00013	($0.00142)	$0.00677	$0.00535	$0.00138	$ -
S.C. No. 6 - Time of Use	($0.00155)	$0.00013	($0.00142)	$0.00194	$0.00052		$ -
S.C. No. 8 - Street Lighting	($0.00155)	$0.00013	($0.00142)	$0.00093	($0.00049)		$ -
S.C. No. 9 - Traffic Lighting	($0.00155)	$0.00013	($0.00142)	$0.00500	$0.00358		$ -
S.C. No. 13 - Substation	($0.00155)	$0.00013	($0.00142)	$0.00000	($0.00142)		$ 0.01
S.C. No. 13 - Transmission	($0.00155)	$0.00013	($0.00142)	$0.00000	($0.00142)		$ 0.06

(*) Average of MONTHLY MISC rate from MISC-283 and MONTHLY MISC rate from MPC-284.
Bimonthly rate only applicable to S.C. No. 5 customers with a corresponding net metered account.

	Rate Per kWh				Rate Per kW				Total Other MISC
	Miscellaneous Charges II	Arrears Reduction Program Surcharge (kWh)	EVMR Program Factor[+]	Energy Storage Deployment Recovery	Miscellaneous Charges II	Arrears Reduction Program Surcharge (kW)	EVMR Program Factor[+]	Energy Storage Deployment Recovery	
S.C. No. 1 - Residential	$0.00079	$0.00236	$0.00004	$0.00002					$0.00321 per kWh
S.C. No. 2 - Non-Demand	$0.00069	$0.00323	$0.00004	$0.00001					$0.00397 per kWh
S.C. No. 2 - Primary					$ 0.08	$0.05	$0.01	$0.00	$ 0.14 per kW
S.C. No. 2 - Secondary					$ 0.18	$0.07	$0.01	$0.00	$ 0.26 per kW
S.C. No. 3 - Primary					$ 0.18	$0.04	$0.01	$0.00	$ 0.23 per kW
S.C. No. 5 - Area Lighting	$0.00048	$0.00621	$0.00008	$0.00000					$0.00677 per kWh
S.C. No. 6 - Time of Use	$0.00048	$0.00142	$0.00003	$0.00001					$0.00194 per kWh
S.C. No. 8 - Street Lighting	$0.00031	$0.00046	$0.00016	$0.00000					$0.00093 per kWh
S.C. No. 9 - Traffic Lighting	($0.00027)	$0.00524	$0.00003	$0.00000					$0.00500 per kWh
S.C. No. 13 - Substation					$ (0.12)	$ 0.12	$0.01	$0.00	$ 0.01 per kW
S.C. No. 13 - Transmission					$ 0.04	$ 0.02	$0.00	$0.00	$ 0.06 per kW

(+)As shown on Statement of Electric Vehicle Make Ready Surcharge

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Received: 06/07/2023

STATEMENT OF PURCHASED POWER ADJUSTMENT (PPA)

Pursuant to General Information Section 29, the following charges are applicable to all customers served under the following Service Classifications:

	Line 1 PPA per kWh	Line 2 PPA Reconciliation	Line 3 Bills Rendered Monthly (Line 1 + Line 2)	Bills Rendered Bimonthly (*)
S.C. No. 1 - Residential	$ -	$ -	$ -	
S.C. No. 2 - Non-Demand	$ -	$ -	$ -	
S.C. No. 2 - Primary	$ -	$ -	$ -	
S.C. No. 2 - Secondary	$ -	$ -	$ -	
S.C. No. 3 - Primary	$ -	$ -	$ -	
S.C. No. 5 - Area Lighting	$ -	$ -	$ -	
S.C. No. 6 - Time of Use	$ -	$ -	$ -	
S.C. No. 8 - Street Lighting	$ -	$ -	$ -	
S.C. No. 9 - Traffic Lighting	$ -	$ -	$ -	
S.C. No. 13 - Substation	$ -	$ -	$ -	
S.C. No. 13 - Transmission	$ -	$ -	$ -	

(*) Average of MONTHLY rate from PPA-243 and MONTHLY PPA rate from PPA-271.
Bimonthly rate only applicable to S.C. No. 5 customers with a corresponding net metered account.

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Received: 06/07/2023

Central Hudson Gas & Electric Corporation
Market Price Charge
For the Month of May-23
MPC Statement No. 286

		Market Price	
Energy & Transmission:			
NYISO Purchases	- Current Month	$ 4,727,167	
NYISO Purchases	- Prior Mos. Adjustments	$ 2,327,206	
Load Modifiers - IPPs		$ 111,574	
Other Energy Contracts		$ 756,207	
Wheeling		$ 911	
Borderlines		$ 191,500	
Station Service		$ -	
Retained Generation/IPP Purchases (Adjusted for Energy, Capacity & Ancillary)		$ 559,644	
Other Energy Sales		$ (14,308)	
Total Energy & Transmission Purchases			$ 8,659,902
ICAP:			
NYISO Net ICAP Requirements	- Current Month	$ 2,393,652	
NYISO Net ICAP Requirements	- Prior Mos. Adjustments	$ -	
PPA - Purchases	- Current Month	$ -	
PPA - Purchases	- Prior Mos. Adjustments	$ -	
Other Contract Purchases	- Current Month	$ 1,203,500	
Other Contract Purchases	- Prior Mos. Adjustments	$ -	
Total ICAP Purchases			$ 3,597,152
NTAC and Ancillary Services:			
NYISO - Prior Mos. Adjustments	(Prior to February 2002 & After July 1, 2007)		$ 555,185
Subtotal Market Price Charges			$ 12,812,239
Deferred for Future Passback/(Recovery)- See Monthly Detail Tab			$ 1,700,000
Prior Period (Passback)/ Recovery- See Monthly Detail Tab			
Working Capital Carrying Charge			$ 176,152
Uncollectibles	0.82%		$ 120,445
Total Market Price Charges			**$ 14,808,836**

Received: 06/07/2023

Exhibit II

Central Hudson Gas & Electric Corporation
Miscellaneous Charges Factor
For the Month of May-23
MISC Statement No. 284

	MWh	Cost	Market		(Benefit)/Cost
Generation/IPP Purchases Available for Sale to NYISO					
Hydro	[redacted]	$ -			
IPPs	[redacted]	$ -			
CTs/Generators	[redacted]	$ 12,185			
	[redacted]	$ 12,185			
Sales to NYISO - Current Month	[redacted]		$ 24,164	27.52	
Sales to NYISO - Prior Month Adj.	[redacted]		$ (11,136)		
Net Sales to NYISO	[redacted]	$ 12,185	$ 13,029		$ (844)
Legacy Hydro Imputation			$ 174,850		
Benefit from Retained Generation (Adjusted for Energy, Capacity & Ancillary)	[redacted]	$ -	$ 559,644		
Variation Imputation - Current Month			$ (384,794)		$ (384,794)
Other Energy/Capacity Sales					
CTs - Current Month	[redacted]	$ -	$ 175,560		
CTs - Prior Month Adj.	[redacted]	$ -	$ -		
Other Sales - Current Month	[redacted]	$ 14,308	$ 14,308		
Other Sales - Prior Month Adj.	[redacted]	$ -	$ -		
Net Other Sales	[redacted]	$ 14,308	$ 189,868		$ (175,560)
Transmission Revenue / Other Adjustments					
Current Month					$ (681,274)
Prior Month Adj.					$ (349,407)
					$ -
Load Modifiers - IPPs	[redacted]	$ 831,212	$ 111,574		$ 719,638
NMP-2 Transmission Charges					$ 181,280
NMP-2 D&D Fund Assessment					$ -
NTAC and Ancillary Services:					
NYISO - Current Month					$ -
NYISO - Prior Mo. Adj.					$ -
TPA at Market - 10 Minute Reserve					$ -
30 Minute Reserve					$ -
Regulation					$ -
Sales For Resale Profit Adjustment					$ -
ESCO Ancillary Reimbursement					$ -
Subtotal Miscellaneous Charges					$ (690,961)
Working Capital Carrying Charge					$ 70,773
Uncollectibles	0.82%				$ (5,086)
Total Miscellaneous Charges					**$ (625,274)**
Estimated Billed Sales (kWh)					[redacted]
Miscellaneous Charges per kWh	Effective:	June 12, 2023			$ (0.00155)

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Central Hudson Gas & Electric Corporation
HPP Charge Factor
Based on Actual Charges for the Month of
May-23

ASC, EBC, WC and Uncollect.

Ancillary Service Charges		$	555,185		
Energy Balancing			34,715		
Working Capital			176,152		
Uncollectibles			120,445		
Subtotal		$	886,497		
Estimate of Total Full Service Billed Sales - MWh			[redacted]		
ASC, EBC, WC and Uncollect. Per MWh		$	4.101		
HPP Allocation of ASC, EBC, WC and Uncollect.	[redacted] MWh x	$	4.101	per MWh =	**$ 59,510**
Total HPP Charges					**$ 59,510**
Estimate of HPP Billed Sales - MWh					[redacted]
Rate per kWh					$ 0.00410

Central Hudson Gas & Electric Corporation
Market Price Charge Factors
MPC Statement No. 286
Actual Costs for the Month of May-23
Factors Effective June 12, 2023

	Prior Month	Current Month	Change	Target	Prior Period	Adj Costs
Costs Recoverable for Month	$ 16,378,430	$ 14,808,836	-10%			$ 14,808,836
Less Est HPP Energy Costs	$ 525,276	$ 350,853	-33%	-20%	$ -	$ 350,853
Less Est HPP UCAP Costs	$ 153,512	$ 302,778	97%	-20%	$ -	$ 302,778
MPC Over/(Under) Base	$ 15,699,642	$ 14,155,205	-10%		$ -	$ 14,155,205

MPC Group	Estimated Billed Sales (MWh)	Sales %	Ratio of Costs to MWh	Base Allocation of Costs	Base MPC Costs	Loss Factor	Adjusted Base MPC Costs	Allocation of (Over)/Under Base	Total Allocation of Costs	MPC
S.C. Nos. 1, 2 - Secondary & NonDmnd & 9	[redacted]	[redacted]	100.13%	97.65%	$ 13,822,558	1.0132	$ 14,005,016	$ (182,859)	$ 13,822,157	$ 0.07029
S.C. No. 2 - Primary	[redacted]	[redacted]	100.03%	1.33%	$ 188,264	1.0078	$ 189,732	$ (2,477)	$ 187,255	$ 0.06961
S.C. No. 6 - On Peak	[redacted]	[redacted]	119.67%	0.18%	$ 25,479	1.0132	$ 25,815	$ (337)	$ 25,478	$ 0.08367
S.C. No. 6 - Off Peak	[redacted]	[redacted]	88.76%	0.25%	$ 35,388	1.0132	$ 35,855	$ (468)	$ 35,387	$ 0.06258
S.C. Nos. 5 & 8	[redacted]	[redacted]	84.72%	0.60%	$ 84,931	1.0132	$ 86,052	$ (1,124)	$ 84,928	$ 0.05939
Total	[redacted]	[redacted]		100.01%	$ 14,156,620		$ 14,342,470	$ (187,265)	$ 14,155,205	

Value Stack Recovery/ Environmental

Total Environmental Units Paid to customers	17,177,339	Function #72962 Purchased Energy & Transmission Report
2021 Q1 Tier 1 Rec Price Environmental Value	$ 0.02233	per kWh
Total Environmental Recovery Over/(Under)	$ 383,570	

Current Month Costs		$ 383,569.98
Uncollectibles	0.82%	$ 3,145.00
Total Environmental Costs		$ 386,715
Under/(Over) Collection Reconciliation February 2023		$ 47,426
Estimated Billed Sales (MWh)		[redacted]
Environmental Value Stack Factor per kWh		$ 0.00201

Central Hudson Gas & Electric Corporation
Purchased Power Adjustment Factors

PPA Statement No. 271
Actual Costs for the Month of May-23
Factors Effective June 12, 2023

Revenue Sharing Agreement Credit		$0
Uncollectibles	0.82%	$ -
Total Purchased Power Adjustment (Benefit)/Cost		**$ -**
Costs to be allocated on CP		$ -
Costs to be allocated on Sales		$ -

Service Class / Subclass	Average Summer & Winter CP	Costs allocated on CP	Estimated Billed Sales (MWh)	Costs allocated on Estimated Billed Sales	Total Base PPA Costs	Total Base PPA Costs / (MWh)	PPA Reconcillation	Total PPA Factors
S.C. No. 1 - Residential	0.5512	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 2 - Non-Demand	0.0298	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 2 - Primary	0.0184	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 2 - Secondary	0.2443	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 3 - Primary	0.0357	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 5 - Area Lighting	0.0015	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 6 - Time of Use	0.0032	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 8 - Street Lighting	0.0027	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 9 - Traffic Lighting	0.0002	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 13 - Substation	0.0163	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
S.C. No. 13 - Transmission	0.0967	$ -	[redacted]	$ -	$ -	$ -	$ -	$ -
Total	1.0000	$ -	[redacted]	$ -	$ -			

Central Hudson Gas & Electric Corporation
Market Price Adjustment Factors
MPC Statement No. 286
Reconciliation of Costs for the Month of Feb-23
Factors Effective 6/12/2023

Costs Recoverable August 2022	$ 34,982,745
Less Amount Billed for SC 6.5 & 6.6 TOU	$ 50,305
Less Amount Billed Through HPP	$ (490,549)
Prior Period Adjustments	
Base MPC Costs	$ 35,422,989
Actual Under/ (Over) Reconciliation	$ (780,288)
Total Passed Through MPA Factor	$ (780,288)

Service Classification	Actual Billed Sales (kWh)	Sales %	Ratio of Costs to MWh	Base Allocation of Costs	Base MPC Costs	Loss Factor	Adjusted Base MPC Costs	Allocation of (Over) / Under Base	Amount to be Recovered Through MPC / HPP	Collections	Calculated Under/(Over) Recovery	Under/(Over) For Future Passback	Total Under/(Over) Recovery in MPA Factor	Estimated Billed Sales (MWh)	MPA Factor per kWh
SC 1, 2- Secondary, 2- Non Demand & 9	[redacted]	97.80%	100.13%	97.93%	$ 34,690,334	1.0132	$ 35,148,246	$ (452,172)	$ 34,696,074	$ 35,874,675	$ (1,178,601)	$ 500,000	$ (678,601)	196,650	$ (0.00345)
SC 2- Secondary HPP	[redacted]								$ 235,969	$ 235,969	$ -		$ -		
SC 2- Primary	[redacted]	0.93%	100.03%	0.93%	$ 329,979	1.0078	$ 332,553	$ (4,278)	$ 328,275	$ 353,223	$ (24,948)		$ (24,948)	2,690	$ (0.00927)
SC 2- Primary HPP	[redacted]								$ 187,513	$ 187,513	$ -		$ -		
SC 3 - Primary	[redacted]								$ 306,836	$ 306,836	$ -		$ -		
SC 5 & 8 - Lighting	[redacted]	0.89%	84.72%	0.75%	$ 266,293	1.0132	$ 269,808	$ (3,471)	$ 266,337	$ 331,483	$ (65,146)		$ (65,146)	1,430	$ (0.04556)
SC 6 on peak - Res. TOU	[redacted]	0.13%	119.67%	0.15%	$ 53,399	1.0132	$ 54,104	$ (696)	$ 53,408	$ 55,461	$ (2,053)		$ (2,053)	305	$ (0.00674)
SC 6 off peak - Res. TOU	[redacted]	0.25%	88.76%	0.22%	$ 78,883	1.0132	$ 79,924	$ (1,028)	$ 78,896	$ 108,436	$ (29,540)	$ 20,000	$ (9,540)	566	$ (0.01687)
SC 13 - Large Power	[redacted]								$ (1,220,867)	$ (1,220,867)	$ -	$ -	$ -		
SC 6.5 on peak - Res. TOU	[redacted]								$ 4,356	$ 4,356	$ -	$ -	$ -		
SC 6.5 off peak - Res. TOU	[redacted]								$ 19,835	$ 19,833	$ -	$ -	$ -		
SC 6.6 on peak - Res. TOU	[redacted]								$ 6,812	$ 6,812	$ (0)	$ -	$ (0)		
SC 6.6 off peak - Res. TOU	[redacted]								$ 19,302	$ 19,301	$ 0	$ -	$ 0		
Total	[redacted]	100.00%		99.99%	$ 35,418,888		$ 35,884,635	$ (461,645)	$ 34,982,746	$ 36,283,032	$ (1,300,286)	$ 520,000	$ (780,288)	201,640	
													$ -		
													$ 520,000		
													$ 520,000		

	Actual MPC Collections	MPA Collections	Over Collection	Collections
SC 1, 2- Secondary, 2- Non Demand & 9	$ 35,902,254	$ (6,826,085)	$ (6,798,506)	$ 35,874,675
SC 2- Secondary HPP	$ 235,969	$ -	$ -	$ 235,969
SC 2- Primary	$ 345,121	$ (10,712)	$ (18,814)	$ 353,223
SC 2- Primary HPP	$ 187,513	$ -	$ -	$ 187,513
SC 3 - Primary	$ 306,836	$ -	$ -	$ 306,836
SC 5 & 8 - Lighting	$ 263,800	$ (76,526)	$ (144,208)	$ 331,483
SC 6 on peak - Res. TOU	$ 65,430	$ 5,863	$ 15,833	$ 55,461
SC 6 off peak - Res. TOU	$ 83,943	$ (3,934)	$ (28,428)	$ 108,436
SC 6.5 on peak - Res. TOU	$ 4,356	$ -	$ -	$ 4,356
SC 6.5 off peak - Res. TOU	$ 19,835	$ (2)	$ -	$ 19,833
SC 6.6 on peak - Res. TOU	$ 6,812	$ -	$ (0)	$ 6,812
SC 6.6 off peak - Res. TOU	$ 19,302	$ -	$ 0	$ 19,301
SC 13 - Large Power	$ (1,220,867)	$ -	$ -	$ (1,220,867)
Total	$ 36,220,304	$ (6,911,396)	$ (6,974,123.84)	$ 36,283,032

1:03 PM6/1/2023

INVENTORY COST ANALYSIS

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]