

Attachment 7

STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

- CASE 20-E-0428 - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service.
- CASE 20-G-0429 - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Gas Service.
- CASE 20-M-0134 - Petition of Central Hudson Gas & Electric Corporation for Approval, Pursuant to Public Service Law, Section 113(2), of a Proposed Disposition of Sales Tax Refund.

ORDER ADOPTING TERMS OF JOINT PROPOSAL AND
ESTABLISHING ELECTRIC AND GAS RATE PLAN

Issued and Effective: November 18, 2021

TABLE OF CONTENTS

I. INTRODUCTION	4
II. BACKGROUND OF THE PROCEEDINGS	5
A. Sales Tax Refund Proceeding	9
III. PUBLIC COMMENTS AND NOTICE OF PROPOSED RULEMAKING	10
IV. SUMMARY OF JOINT PROPOSAL	12
A. Term	12
B. Revenue Requirements	12
C. Equity Ratios, Return on Equity and Earnings Share Mechanism	13
D. Electric and Gas Revenue Allocation and Rate Design	14
E. Net Plant Targets and Reconciliations	15
1. Electric and Gas Net Plant Targets	15
2. Net Plant Target Reconciliations	16
3. Deferral for the Benefit of Ratepayers	16
4. Capital Expenditures Reporting Requirements	16
5. ERP Phase III Deferral, Reconciliation, Deferral Accounting and Reporting Requirements	17
F. Deferral Accounting	18
G. Low Income Customer Provisions	19
H. Tariff-Related Matters	20
I. Economic Development	21
J. Energy Efficiency Program and Heat Pump Program Costs	22
K. Rate Adjustment Mechanism	23
L. Electric Reliability	23
M. Gas Safety Metrics	24
N. Customer Service	27
O. Outreach and Education	28
P. Other Programs and Initiatives	28
Q. Earnings Adjustment Mechanisms	29

R. Geothermal Rate Impact Credit	30
S. Climate and Energy Leadership Issues	31
T. Sales Tax Refund	32
V. DISCUSSION	32
A. Revenue Increases/Term	34
B. Cost of Capital	37
C. Low Income and Customer Protections	38
D. CLCPA Compliance	40
E. Vegetation Management	44
F. Geothermal Rate Impact Credit	45
G. Earnings Adjustment Mechanisms	47
H. Performance Mechanisms	48
1. Customer Service	48
2. Electric Reliability	49
3. Natural Gas Safety and Reliability	50
4. Leak Prone Pipe Replacement	51
I. Pipeline Safety Programs	51
J. Smart City Technologies/Streetlight Dimming Project	52
K. Sales Tax Refund	54
VI. CONCLUSION	54

STATE OF NEW YORK
PUBLIC SERVICE COMMISSION

At a session of the Public Service
Commission held in the City of
Albany on November 18, 2021

COMMISSIONERS PRESENT:

Rory M. Christian, Chair
Diane X. Burman, concurring
James S. Alesi
Tracey A. Edwards
John B. Howard
David J. Valesky
John B. Maggiore

CASE 20-E-0428 - Proceeding on Motion of the Commission as to
the Rates, Charges, Rules and Regulations of
Central Hudson Gas & Electric Corporation for
Electric Service.

CASE 20-G-0429 - Proceeding on Motion of the Commission as to
the Rates, Charges, Rules and Regulations of
Central Hudson Gas & Electric Corporation for
Gas Service.

CASE 20-M-0134 - Petition of Central Hudson Gas & Electric
Corporation for Approval, Pursuant to Public
Service Law, Section 113(2), of a Proposed
Disposition of Sales Tax Refund.

ORDER ADOPTING TERMS OF JOINT PROPOSAL AND
ESTABLISHING ELECTRIC AND GAS RATE PLAN

(Issued and Effective November 18, 2021)

BY THE COMMISSION:

I. INTRODUCTION

This order establishes a three-year rate plan for
electric and gas service provided by Central Hudson Gas &
Electric Corporation (Central Hudson or the Company) for the
period July 1, 2021, through June 30, 2024. The order adopts

terms of a Joint Proposal (JP) executed by Central Hudson; trial staff of the New York State Department of Public Service (Staff); Multiple Intervenors (MI); the Public Utility Law Project of New York, Inc. (PULP); the New York Geothermal Energy Organization (NY-GEO); the Utility Intervention Unit of the New York State Department of State (UIU); Alliance for a Green Economy (AGREE); Dutchess County; the New York Power Authority (NYPA); Family Energy, Inc. (Family Energy); Marathon Power LLC (Marathon Power); and M&R Energy Resources Corporation (M&R).

As more fully discussed throughout this order, we find that the JP ensures Central Hudson's continued provision of safe and reliable service, mitigates impacts to ratepayers suffering the financial consequences of the COVID-19 Pandemic (Pandemic) and complies with New York's Climate Leadership and Community Protection Act (CLCPA).¹

II. BACKGROUND OF THE PROCEEDINGS

Central Hudson distributes electricity to more than 300,000 customers and natural gas to about 84,000 customers in the Mid-Hudson River Valley Region of New York. The Company's most recent rate plan was adopted in a rate order issued in June 2018, when the Commission approved a three-year electric and gas rate plan.²

On August 27, 2020, Central Hudson filed tariff leaves and testimony seeking to increase its electric and gas delivery revenues based on a rate year starting July 1, 2021, and ending

¹ The CLCPA sets forth New York's ambitious policy goals in the fight against climate change (see Chapter 106 of the Laws of 2019).

² Cases 17-E-0459 and 17-G-0460, Central Hudson Gas & Electric Corporations - Rates, Order Approving Rate Plan (issued June 14, 2018) (2018 Rate Order).

June 30, 2022; the Company's filing also included select financial information for two additional rate years. Central Hudson's proposed delivery rates were designed to produce an annual electric delivery revenue increase of approximately \$32.8 million and an annual gas delivery revenue increase of \$14.4 million, resulting in base delivery revenue increases of 8.4% and 12.1%, respectively, or total bill increases for an average residential customer of 6.2% and 8.0%, respectively.³ Central Hudson requested an overall return on equity of 9.1% and an equity ratio of 50%.⁴

On September 8, 2020, the Public Service Commission (Commission) suspended the Company's rate filings and initiated these proceedings to examine the Company's proposals.⁵ One month later, the presiding Administrative Law Judges (ALJs) conducted a procedural and technical conference. By ruling issued October 14, 2020, they established a procedural schedule for filing initial testimony, with December 22, 2020, as the deadline for submissions by Staff and intervenors and January 22, 2021, as the deadline for rebuttal testimony.⁶

Staff, MI, UIU, PULP, NYPA, Citizens for Local Power (Citizens), Bob Wyman, Jeanne Bergman and Simon Strauss timely filed direct testimony, but testimony from the Town of Saugerties (Saugerties or the Town) was not received until December 29, 2020. In its testimony, Staff recommended a one-year \$12 million decrease for electric delivery revenues and a \$5.9 million increase for gas delivery revenues, with the latter offset by \$2.9 million in rate moderators; Staff also

³ Hearing Exhibit 75, JP, p. 2.

⁴ Hearing Exhibit 129, DPS Staff Statement in Support, p. 3.

⁵ Notice of Suspension of Effective Date of Major Rate Changes and Initiation of Proceedings.

⁶ Procedural Ruling, p. 2.

recommended an 8.7% return on equity and a 48% common equity ratio.⁷

In a letter dated January 12, 2021, Central Hudson moved to exclude the Town's testimony, asserting that it was untimely and submitted in improper form. Citizens, PULP, and Saugerties responded to the motion, arguing that any alleged procedural deficiencies in the testimony were outweighed by its substantive value, particularly given the Town's status as "an important municipality" representing the interests of ratepayers.⁸ The ALJs denied Central Hudson's motion, agreeing that Saugerties should not be deprived of an opportunity to contribute to the record in this proceeding.⁹

Rebuttal testimony and exhibits were filed by Central Hudson on January 22, 2021. One week later, the Company filed a Notice of Impending Settlement Negotiations, and negotiations subject to the Commission's Settlement Rules and Guidelines began on February 4, 2021, continuing into August 2021.¹⁰ Relatedly, on March 31, 2021, Central Hudson consented to an extension of the suspension period through and including September 21, 2021, subject to a "make-whole" provision that would keep the Company and its customers in the same financial position they would have been in absent the extension.¹¹ The

⁷ Hearing Exhibit 120, Staff Policy Panel testimony, pp. 13, 19.

⁸ While acknowledging that its testimony was submitted after the deadline, Saugerties added that its representative was ill in November and that he lacked adequate technological resources while working from home in December during the Pandemic.

⁹ Ruling on Motion to Exclude Testimony (issued January 22, 2021), p. 3.

¹⁰ See 16 NYCRR Section 3.9.

¹¹ Maximum Suspension Period Extension Letter (filed March 31, 2021).

Company subsequently agreed to a similar extension through and including November 20, 2021.¹²

Settlement negotiations ultimately proved successful, resulting in the filing of the JP on August 24, 2021. As indicated above, the JP is signed by Central Hudson, Staff, MI, PULP, NY-GEO, UIU, AGREE, NYPA, Dutchess County, Family Energy, Marathon Power, and M&R (collectively, the Signatory Parties). All but the latter three entities filed statements in support of the JP; Citizens filed a statement on the JP and Bob Wyman filed a statement opposing the JP. Central Hudson, Staff, and MI filed letters in response to the Wyman and Citizens' submissions, and an evidentiary hearing was conducted on October 6, 2021.

The Signatory Parties represent governmental, environmental, and commercial entities, as well as customer groups. They maintain that the JP balances their varied interests while also ensuring the Company's continued provision of safe and reliable service, furthering the goals of the CLCPA, and mitigating impacts to ratepayers, particularly those suffering from the ongoing financial effects of the Pandemic.¹³

Citizens applauds provisions in the JP that expand eligibility to energy affordability programs and accommodate Central Hudson's Spanish-speaking customers, but it takes issue with the proposed rate of return and the JP's purported failure to expressly include a debt relief mechanism for customers struggling to pay their utility bills. Wyman's opposition is premised on his beliefs that (1) geothermal heat pump users should not be included in the same rate classes as those who do not use geothermal heat pumps, (2) the current source of funding

¹² Letter re Further Extension of Suspension Period (filed July 16, 2021).

¹³ Hearing Exhibit 75, JP, p. 6.

for the Geothermal Rate Impact Credit (GRIC) should be maintained, and (3) the CLCPA's anticipated impact on future gas sales requires a new formula for assigning value to depreciating gas-related assets. Each of these matters is addressed below.

A. Sales Tax Refund Proceeding

On October 16, 2019, as the result of a reverse sales tax audit that it had initiated with the New York State Department of Taxation and Finance six months earlier, Central Hudson was granted a \$3,364,414 refund. On March 16, 2019, the Company filed a petition pursuant to Public Service Law (PSL) §113(2) advising of the refund and seeking approval for its proposal to distribute the funds.¹⁴ More specifically, the petition reflected Central Hudson's plan to (1) expense the \$841,103 it was charged by its tax consultants in connection with the audit, (2) allocate \$1,929,711 to capital work orders and/or deferred storm and environmental site investigation remediation balances - ostensibly for the "immediate benefit" of its customers, and (3) retain the remaining \$593,600 for its shareholders.¹⁵ As the petition was admittedly filed beyond the 60-day time limit required by 16 NYCRR §89.3, Central Hudson also requested a waiver of that provision.¹⁶

MI and Citizens filed responses to the petition; while neither was opposed to Central Hudson's waiver request, both asserted that any costs associated with the delay that were borne by the Company's customers should be returned to those

¹⁴ Case 20-M-0134, Petition for Approval of a Proposed Disposition of Sales Tax Refund (filed March 16, 2020).

¹⁵ Id., pp. 4-6.

¹⁶ Id., pp. 2-3.

customers.¹⁷ They also opined that the \$841,103 accounting fee was excessive and unsupported in the record.¹⁸ Both similarly maintained that Central Hudson failed to justify its retention of the \$593,600, and they offered alternative proposals for disbursement of the refund, with MI calling for immediate bill credits and Citizens recommending the creation of two funds - one for customers requiring financial assistance due to the Pandemic and the other to incentivize the Company's middle- and low-income customers to make energy efficiency improvements to their homes and businesses.¹⁹

Shortly after Citizens' response was submitted, the Company filed a Notice of Impending Settlement Negotiations indicating that such negotiations would take place within the context of these rate proceedings. Pursuant to the instant JP, the entire sales tax refund would be used to moderate rates and would be allocated 52%/48% to the Company's electric and gas customers, respectively. We discuss this proposed resolution below.

III. PUBLIC COMMENTS AND NOTICE OF PROPOSED RULEMAKING

Pursuant to State Administrative Procedure Act (SAPA) §202(1), Notices of Proposed Rulemaking were published in the State Register on November 11, 2020 (20-E-0428SP1 and 20-G-0429SP1) and June 10, 2020 (20-M-0134SP2).

On September 30, 2020, a notice was issued describing the Company's rate filing and announcing that virtual public statement hearings would be conducted in the afternoon and evening on October 28, 2020. The notice further stated that

¹⁷ MI, Comments on Tax Petition (filed June 18, 2020); Citizens, Letter from Citizens for Local Power, (filed August 10, 2020).

¹⁸ Id.

¹⁹ Id.

comments could also be submitted by email, regular mail, or through the Commission's toll-free opinion line. On August 27, 2021, another notice was issued inviting public comments on the JP.

The afternoon session on October 28, 2020, was attended by 20 people with 10 speakers, while the evening session was attended by 10 people with four speakers.²⁰ Most commenters urged the Commission to reject a rate increase, asserting that it would be particularly inappropriate to raise rates during the Pandemic. Others cited the need to combat climate change, opposing the Company's continued investment in gas infrastructure and emphasizing that its new rate plan should be consistent with the CLCPA. One commenter stated that the Company's website should be more user-friendly for Spanish speakers and that its staff should be more diverse.

In addition to those made at the public statement hearings, approximately 75 comments were filed with the Commission's Secretary. Most of these echoed the assertion that it would be improper to raise rates during the Pandemic, and others requested that the Company implement debt-forgiveness measures to assist the many customers in arrears. Some commenters were also critical of the Company's customer service.

Two comments, from Dutchess County and the International Brotherhood of Electrical Workers Local Union 320, were submitted after the filing of the JP and the associated notice issued on August 27, 2021. Both expressed support for the JP, indicating that it includes bill discounts for Central Hudson's most vulnerable customers, advances the goals of the CLCPA and ensures the Company's continued provision of safe and reliable service.

²⁰ Commissioner Burman was present during both hearings.

IV. SUMMARY OF JOINT PROPOSAL

A. Term²¹

The JP proposes a three-year rate plan for Central Hudson's electric and gas businesses that would begin on July 1, 2021, and continue until June 30, 2024. Rate Year 1 consists of the 12-month period beginning on July 1, 2021, and ending on June 30, 2022. Rate Years 2 and 3 consist of the next two successive 12-month periods ending June 30, 2023, and June 30, 2024, respectively. Unless specifically noted otherwise, the provisions of Rate Year 3 would remain in effect until superseding rates or terms become effective.

B. Revenue Requirements²²

The JP would decrease electric base delivery revenues in Rate Year 1 but increase such revenues in Rate Years 2 and 3. Gas base delivery revenues would increase in each of the three rate years. More specifically, for electric delivery revenues, the JP recommends a \$3.1 million decrease in Rate Year 1 and increases of \$19.5 million and \$20.7 million in Rate Years 2 and 3, respectively; gas delivery revenues would increase \$4.7 million in Rate Year 1, \$6.3 million in Rate Year 2, and \$6.4 million in Rate Year 3. To mitigate the customer bill impacts that would be associated with these increases, the proposed increases have been moderated by using available regulatory liabilities as credits. The Signatory Parties have also agreed that the Rate Year 1 electric delivery revenue decrease will be evenly spread across the three rate years, such that Rate Years 2 and 3 will be moderated by an additional \$2 million.

After the \$2 million moderation in Rate Year 1 and applying bill credits totaling \$9.5 million in Rate Year 2 and

²¹ Hearing Exhibit 75, JP, § III.

²² Id., § IV.

\$21.5 million in Rate Year 3, the net electric delivery revenues will reflect a \$1.1 million decrease in Rate Year 1 and increases of \$8.0 million and \$8.7 million in Rate Years 2 and 3, respectively. After applying credits totaling 0.8 million in Rate Year 1, \$3.2 million in Rate Year 2, and \$5.6 million in Rate Year 3, the net gas delivery revenue increases will be \$3.9 million in Rate Year 1, \$3.9 million in Rate Year 2, and \$4.0 million in Rate Year 3.

For the typical residential electric service customer, these revenue changes would yield a \$0.33 decrease in the average monthly bill during Rate Year 1, a \$1.72 increase in Rate Year 2 and a \$1.82 increase in Rate Year 3. The average monthly bill of the typical gas service customer would increase by \$1.64 in Rate Year 1, \$2.17 in Rate Year 2, and \$1.50 in Rate Year 3.

Finally, because Commission approval of the proposed rates is occurring after July 1, 2021, the Signatory Parties have agreed to a make-whole provision pursuant to which Central Hudson would recover shortfalls and refund over-collections, such that both it and its ratepayers would be in the same position had Rate Year 1 rates gone into effect as of that date. Revenue adjustments for the make-whole period would be calculated at the difference between sales revenues the Company would have billed at new rates compared to the sales revenues at existing rates during the period from July 1, 2021, until the date that new rates become effective.

C. Equity Ratios, Return on Equity and Earnings Share Mechanism²³

The revenue requirements of the proposed rate plan are based on a capital structure with a common equity ratio of 50%

²³ Id., § VI.

in Rate Year 1, 49% in Rate Year 2, 48% in Rate Year 3, and an allowed return on common equity (ROE) of 9.0%. The JP includes an earnings sharing mechanism (ESM) that is triggered if the Company's actual ROE exceeds 9.5% in any rate year (after certain adjustments). Earnings above 9.5% to 10% would be shared equally between Central Hudson and ratepayers; ratepayers would receive 75% of any earnings greater than 10% up to 10.5%; and ratepayers would receive 90% of any earnings over 10.5%.

D. Electric and Gas Revenue Allocation and Rate Design²⁴

Appendix L to the JP sets forth the electric and gas rate allocations agreed upon by the Signatory Parties, while Appendix M sets forth the agreed-upon rate design.

Both the proposed electric revenue allocation and the proposed gas revenue allocation reflect compromises amongst the Signatory Parties. For electric, the compromise resulted in no single Embedded Cost of Service study forming the basis for revenue allocation in the JP; for gas, the JP adopts a uniform increase of a revenue allocation factor of 1.00 to each service class.

The electric bill credits will be refunded to customers on kilowatt-hour (kWh) or kilowatt (kW) basis through the existing Electric Bill Credit Mechanism and will be allocated to each service class in proportion to class responsibility for the delivery rate increase, except for the legacy hydro revenue imputation.²⁵ The gas bill credits will be refunded to customers on a hundred cubic feet (Ccf) basis

²⁴ Id., § X.

²⁵ Legacy Hydro Generation is discussed in Appendix Y to the JP.

through the existing Gas Bill Credit Mechanism²⁶ and will similarly be allocated to each service class in proportion to class responsibility for the overall delivery rate increase.

The gas rate design agreed upon by the Signatory Parties reflects the implementation of the first three years of a planned five-year phase-out of gas declining block rates. After the first three years, the phase-out will be paused at Rate Year 3 levels, with implementation of the final two-year phase-out considered within the context of a future rate plan. Central Hudson will notify Energy Affordability Program (EAP) gas customers who may be impacted by the new gas tail block rate structure²⁷ and develop an associated informational page for its website.

E. Net Plant Targets and Reconciliations²⁸

1. Electric and Gas Net Plant Targets²⁹

Schedule 1 to Appendix C of the JP sets forth the depreciation expense targets and the net plant targets upon which the electric and gas revenue requirements are based (exclusive of Enterprise Resource Planning [ERP] Phase III, which is discussed separately below). Such targets apply only

²⁶ This mechanism is applicable to firm Service Classifications (SC) 1, 2, 6, 11 (Distribution Large Mains [DLM], Distribution [D] and Transmission [T]), 12 and 13.

²⁷ Customers will be provided an explanation of the rate design change and informed of actions they can take to reduce or eliminate bill impacts they might experience under the new rate structure.

²⁸ Hearing Exhibit 75, JP, § V.A.

²⁹ Actual Net Plant and the Net Plant Targets are comprised of the following components: 1) the Average Electric or Gas Net Plant; 2) the Average Electric or Gas Non-Interest Bearing Construction Work in Progress; 3) the Average Common Net Plant allocated to Electric or Gas; and 4) the Average Common Non-Interest Bearing Construction Work in Progress allocated to Electric or Gas. Hearing Exhibit 75, JP, § V.A.1.

to the time periods specified in the JP. Actual average electric and gas net plant balances will be calculated via the methods described in Appendix C, Schedule 2.

2. Net Plant Target Reconciliations³⁰

Pursuant to the JP, actual electric and gas net plant balances and depreciation expense will be reconciled to the combined electric and gas net plant and depreciation expense targets for Rate Year 1, Rate Year 2, and Rate Year 3 on an annual Rate Year basis. The revenue requirement impact (i.e., return and depreciation as described in Appendix C) resulting from the total difference (be it positive or negative) between actual average net plant balances and depreciation expense and the combined target levels will carry forward for each of the Rate Years and will be calculated algebraically at the end of Rate Year 3.

3. Deferral for the Benefit of Ratepayers³¹

If the cumulative incremental revenue requirement impact from net plant and depreciation expense differences is negative at the end of Rate Year 3, Central Hudson will defer the revenue requirement impact for the benefit of customers. If at that time the cumulative incremental revenue requirement is positive, there will be no deferral. In the former scenario, the Company will apply carrying charges at the pre-tax rate of return to the amount deferred from the end of Rate Year 3 until the date the Company's next rate order becomes effective.

4. Capital Expenditures Reporting Requirements³²

Central Hudson will continue to provide Staff with a yearly report on its capital expenditures during the prior year; the report is due annually by March 1 and will include an

³⁰ Hearing Exhibit 75, JP, § V.A.3.

³¹ Id., § V.A.4.

³² Id., § V.A.5.

explanation of any cost variance between the approved budget and an actual expenditure greater than 10% for any single project identified in the Company's Major Capital Project Report shown on Sheet 1 of Appendix E to the JP. The Company will also continue to file its five-year capital investment plan with the Secretary by July 1 each year. The proposed three-year capital investment plan is set forth in Appendix X.

Quarterly capital variance reports will also be filed with the Secretary within 45 days of the end of the first, second, and third quarters, while an annual such report is due within 60 days of the end of the calendar year. These reports will be filed in a format similar to that presented on Sheet 2 of Appendix E.

5. ERP Phase III Deferral, Reconciliation, Deferral Accounting and Reporting Requirements³³

Schedule 1 of Appendix D to the JP sets forth distinct net plant, depreciation, and operation and maintenance (O&M) expense targets for the ERP Phase III project, which will be tracked separately to protect customers from underspending associated with ERP implementation. Total project costs are subject to a cumulative cap and downward-only reconciliation. Upon completion of the project, depreciation expense, net plant and O&M costs will be reconciled via the calculation detailed in Appendix D, Schedule 3.

Within 45 days of the start of Rate Year 2, the Company will file an initial report outlining its strategy to replace remaining portions of the ERP Phase III Mainframe in two waves (Wave 1 - Finance and Wave 2 - EWAM). Thereafter, on a quarterly basis, Central Hudson will provide reports summarizing the program's status to date, including variances from the

³³ Id., § V.B.

initial report in budget, timeline, or scope.³⁴ Starting in 2023, an annual report, submitted in lieu of the fourth quarterly report, is due by March 1 of each year. These reporting requirements will enhance Staff's ability to monitor the Company's performance and more effectively manage project costs.

F. Deferral Accounting³⁵

The JP provides for the continuation, without modification, of numerous accounting deferrals for revenues, expenses, and costs, including but not limited to, Environmental Site Investigation and Remediation (SIR) Costs, Pension Expense and Post-Employment Benefits Other than Pensions (OPEBs), Property Taxes, Clean Energy Fund Costs and REV demonstration projects.³⁶ The JP details the modification of several other 2018 Rate Order accounting deferrals, including the ESM, Economic Development, the Electric Revenue Decoupling Mechanism (RDM), the Gas RDM, and Danskammer Gas Revenues. Accounting deferrals from the 2018 Rate Order that will expire are also listed in the JP - these include Consumer Product Electrification (formerly the Carbon Reduction Program), Gas Leak Prone Pipe (LPP) (Positive Revenue Adjustment) Miles Above Target and the Gas Methane Detection Plan/First Responder Training Program. Finally, the JP lists the new accounting deferrals that will be added.

Appendix F to the JP sets forth a summary listing of deferrals and applicable examples, including the specific

³⁴ These quarterly program reports are due 45 days after the conclusion of each calendar quarter, beginning with the first quarter following the filing of the initial report.

³⁵ Hearing Exhibit 75, JP, § V.C.

³⁶ Case 14-M-0101, Reforming the Energy Vision.

deferral method and carrying charge for each. The accounting deferrals authorized by the JP will not automatically terminate at the end of Rate Year 3 but will instead continue until they are expressly revoked or superseded.

G. Low Income Customer Provisions³⁷

Pursuant to the JP, the Company's EAP will provide bill discounts to customers based on the expanded eligibility criteria and policies recently set forth in Commission case 14-M-0565.³⁸ The annual funding for these bill discount credits total \$9.9 million in Rate Year 1, \$10.3 million in Rate Year 2, and \$10.8 million in Rate Year 3.

To support additional enrollment in EAP, the Company will allocate its overcollection of Low-Income Bill Discount Program funds; if current overcollection balances are exhausted during the term of the rate plan due to higher than anticipated enrollment levels, the Company will utilize its deferral for any incremental funding. In the event of program underspending, accumulated balances will be deferred for future use in EAP.

The Company will continue to waive reconnection fees,³⁹ with the waiver authorized at an allowance of \$51,600 for each rate year and subject to symmetrical deferral.

The Signatory Parties are aware that many customers have become financially incapable of paying their utility bills due to the Pandemic, but believe assistance can be most effectively and uniformly provided through state-wide policies

³⁷ Id., § XI.

³⁸ Programs to Address Energy Affordability for Low Income Utility Customers, Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings (issued August 12, 2021).

³⁹ See Case 14-M-0565, supra, Order Approving Implementation Plans with Modifications, p. 7 (issued February 7, 2017).

emanating from the Commission's generic COVID proceeding.⁴⁰ Nevertheless, in the event residential and small business arrears related to the Pandemic have not been addressed by the Commission before September 15, 2021, the JP calls for Central Hudson's commencement of a collaborative to discuss potential resolutions. Within 45 days of the start of the collaborative, the Company will file a report with the Commission identifying its proposed arrears resolution program and requesting approval to begin implementation.

H. Tariff-Related Matters⁴¹

Existing tariff provisions and related rate making will generally be continued, but with some exceptions and modifications. These include: the cessation of GRIC funding through the Electric RDM; expansion of the Gas RDM to include SC 11 (transmission, distribution and distribution large mains); the Billing Services Credit⁴² will be updated to reflect the most recent cost of service results; the interruptible revenue imputation will be adjusted from \$2.6 million to \$3.2 million, which considers the downward trend of historical revenues from the combined interruptible classes, as well as excess revenue from a new large customer; and a change to the under-delivery cash-out rate so that it is based on a weighted average of the Midpoint rate of Tennessee Zone 4 300 Leg, Millennium East, Iroquois Zone 2 and Algonquin City gates plus the Company's weighted average costs of transportation and fuel losses, as

⁴⁰ See Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service.

⁴¹ Hearing Exhibit 75, JP, § XII.

⁴² Customers participating in the Company's Retail Access Program and receiving a consolidated bill are eligible for this credit.

opposed to using the higher of Iroquois Zone 2 and Algonquin City gates.⁴³

I. Economic Development⁴⁴

Pursuant to the JP, several of the Company's Economic Development programs will promote manufacturing growth in the Hudson Valley through grants that are designed to expand existing businesses, revitalize underutilized existing structures to accommodate manufacturing, increase productivity, and create higher-paying jobs in the service territory,⁴⁵ while the Company's "Back to Business Program" will provide financial assistance to small businesses impacted by the Pandemic, enabling them to either re-open or continue operations.

By April 1, 2022, and annually thereafter, the Company will provide the Commission with a report detailing its economic development activity during the preceding calendar year. This report will adhere to the requirements established in Commission case 05-E-0934.⁴⁶

⁴³ Electric RDM and Gas RDM targets are set forth in Appendix O to the JP.

⁴⁴ Hearing Exhibit 75, JP, § XIII.

⁴⁵ Associated programs include the "Manufacturing Building and Infrastructure Program," the "Manufacturing Productivity Program," and the "Expansion & Retention for Manufacturers Grant Program."

⁴⁶ See Order Establishing Economic Development Plan Procedures (issued August 24, 2009).

J. Energy Efficiency Program and Heat Pump Program Costs⁴⁷

Consistent with relevant Commission orders,⁴⁸ the cost of the Company's Energy Efficiency and Heat Pump programs will be collected in base rates. Base delivery rates implemented in the JP reflect program costs authorized by the 2020 Energy Efficiency Order⁴⁹ offset by available regulatory liabilities as of December 31, 2020.

To mitigate electric bill impacts in all rate years, Central Hudson will reduce the impact of incremental Energy Efficiency and Heat Pump O&M expense levels by deferring 75% of the cumulative difference between the rate allowances initially included in revenue requirements and those included in the 2018 Rate Order. The reduced allowances are reflected in the rates presented in the JP. Any cumulative deferred regulatory assets can be collected through the Rate Adjustment Mechanism (RAM). Further, the Company will defer any over-spending or under-spending not reconciled through the RAM, with the difference to be deferred until new rates are established.

For gas, the collection of Energy Efficiency costs will be temporally coordinated to mitigate and level bill impacts.

⁴⁷ Hearing Exhibit 75, JP, § XIV.

⁴⁸ See Case 18-M-0084, In the Matter of a Comprehensive Energy Efficiency Initiative, Order adopting Accelerated Energy Efficiency Targets (issued December 31, 2018) and Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 (issued January 16, 2020).

⁴⁹ Case 18-M-0084, supra, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 (issued January 16, 2020).

K. Rate Adjustment Mechanism⁵⁰

Central Hudson will continue its RAM to recover or refund the net balance of RAM eligible deferrals and carrying charges, positive revenue adjustments (PRAs), unencumbered negative revenue adjustments (NRAs) and costs. RAM eligible deferrals and costs shall be the difference between the amounts provided for in base rates and actual costs, and all RAM revenues and deferrals are subject to reconciliation. Specific details regarding RAM eligible costs and mechanics, including minimum and maximum threshold levels for annual recovery or return,⁵¹ can be found in Appendix G to the JP.

L. Electric Reliability⁵²

The JP continues the Reliability Performance Mechanism (RPM) established in prior rate orders,⁵³ but includes agreed upon changes to the Company's electric service annual metrics for System Average Interruption Frequency Index (SAIFI), which will be set at the following targets: 1.32 in 2021, 1.32 in 2022, 1.30 in 2023, and 1.30 in 2024.⁵⁴ The Customer Average Interruption Duration Index (CAIDI) target will remain 2.50 for

⁵⁰ Hearing Exhibit 75, JP, § XV.

⁵¹ Annual RAM recovery or return is only triggered if the net balance of RAM eligible deferrals satisfies specific threshold levels.

⁵² Hearing Exhibit 75, JP, § XVI.

⁵³ See Case 09-E-0888, Order Establishing Rate Plan (issued June 18, 2010). To evaluate reliability on a calendar year basis, the RPM monitors and compares outage frequency and duration to predetermined targets or threshold values.

⁵⁴ SAIFI reflects the average number of times that a customer's service is interrupted for five minutes or more in a year.

calendar years 2021 through 2024.⁵⁵ If the Company fails to achieve these SAIFI and CAIDI targets, it may incur up to 30 basis points in negative revenue adjustments.

Appendix Q to the JP sets forth electric reliability reporting and meeting requirements, the source for revenue adjustments, and exclusions.

M. Gas Safety Metrics⁵⁶

The JP motivates Central Hudson to improve its performance in various gas safety categories, including emergency response, leak management, damage prevention and regulatory compliance as set forth in the tables below. In total, 22 basis points of PRAs are available to the Company if it exceeds established performance targets, while 150 basis points in NRAs may be incurred if the Company fails to achieve such targets.

Gas emergency response time metrics and related NRAs/PRAs will be:

Emergency Response Time	Percent Completed	(NRA)/PRA (BPs)
30 Minute Response	≥ 92%	6
	≥ 89% - < 92%	4
	≥ 85% - < 89%	2
	≥ 75% - < 85%	0
	< 75%	(12)
45 Minute Response	< 90%	(8)
60 Minute response	< 90%	(5)

⁵⁵ CAIDI reflects the average interruption duration time in hours for those customers that experience an interruption during the year.

⁵⁶ Hearing Exhibit 75, JP, § XVII.

Beginning in 2022, Central Hudson will be subject to the following leak backlog targets and associated revenue adjustments (gas, pre-tax):

Gas Leak Backlog	# of Leaks	(NRA) /PRA (BPs)
Total Year-End Backlog	≥ 90	(15)
	≥ 87 - ≤ 89	(6)
	≥ 66 - ≤ 86	0
	≥ 60 - ≤ 65	2
	≥ 55 - ≤ 59	4
	≤ 54	6

Pursuant to the JP and Appendix R, damage prevention targets and associated NRAs and PRAs⁵⁷ are:

Total Damage Rate	(NRA) Basis Points	PRA Basis Points
≤ 1.19	N/A	10
≥ 1.20 - < 1.25	N/A	6
≥ 1.25 - < 1.35	N/A	4
≥ 1.35 - < 1.65	0	N/A
≥ 1.65 - < 1.85	(5)	N/A
≥ 1.85 - < 2.00	(10)	N/A
≥ 2.00	(20)	N/A

⁵⁷ In addition to the PRA basis points listed in these first three tables, an additional 10 such points are potentially available through gas initiatives involving the Company's utilization of recompression methods for methane capture (two basis points per occurrence one time per year) and performance of municipal wide gas emergency drills (four basis points per occurrence up to two times per year).

The non-compliance metric, as set forth in the JP and Appendix R, maintains targets and associated NRAs from the 2018 Rate Order. More specifically, the Company will be assessed an NRA for each High Risk or Other Risk occurrence,⁵⁸ up to a combined maximum of 75 basis points per calendar year, for 2022, 2023, and 2024 as follows:

Category	Record Violations Per Calendar Year	(NRA) BPs Per Occurrence
High Risk		
Records	1-5	0
Records	6-20	(1/2)
Records	21+	(1)
Field	1-20	(1/2)
Field	21+	(1)
Other Risk		
Records	1-15	0
Records	16+	(1/4)
Field	All violations	(1/4)

Finally, beginning in 2022 the JP requires Central Hudson to replace or eliminate a minimum of 15 miles of LPP per year. The failure to achieve this target in any year will subject the Company to an NRA of 15 basis points. Central Hudson will seek alternatives to the replacement of pipelines scheduled to be eliminated by bringing unprotected steel pipe into cathodic protection, eliminating double runs of pipe, or pursuing non-pipes alternatives with a positive Benefit Cost Analysis.

⁵⁸ A list of identified High Risk and Other Risk pipeline safety regulations pertaining to this metric is found in Appendix S.

N. Customer Service⁵⁹

The terms of the JP include service quality metrics and targets regarding the Company's PSC Complaint Rate per 100,000 Customers, Residential Customer Satisfaction, Percent of Calls Answered in 30 Seconds, and Appointments Kept.⁶⁰ Associated NRAs will be expressed as basis points, with a gradual increase in the basis point amount over the three rate years to reach a total NRA of 42 basis points in 2024 (15 basis points for PSC Complaint Rate, 15 basis points for Residential Customer Service Satisfaction and 12 basis points for Percent of Calls answered by a Representative within 30 Seconds). Central Hudson will continue to credit customers \$20 per missed appointment.

Inasmuch as the Company's customers continue to suffer financial consequences stemming from the Pandemic, the Residential Service Terminations/Uncollectible Incentive Mechanism will be paused for calendar years 2021 and 2022, and the associated PRA ostensibly earned by the Company in 2020 will not be collected. The JP authorizes Central Hudson to file a petition with the Commission regarding its proposal for this metric, if any, for calendar years 2023 and 2024.

As detailed in Appendix Z to the JP, the Company will expand its Spanish language customer support channels, with specific projects including a Spanish website where all web pages and web forms will be presented in Spanish, a Spanish Chatbot that will provide information in Spanish and links to the Spanish website, a Spanish Mobile App, and Spanish Customer Bills. The Company will also convene a Digital Customer Community Panel to gather feedback on customer service-related

⁵⁹ Hearing Exhibit 75, JP, § XVIII.

⁶⁰ These Customer Service Performance Indicators are summarized in Appendix T to the JP.

issues like billing and payment assistant programs; the Panel will be representative of the Company's diverse service territory.

Several provisions in the JP ensure that customers will continue to receive electric and gas service during extreme weather conditions, including Central Hudson's agreement to refrain from scheduling residential terminations on days that are predicted to be below freezing or days on which the heat index is forecasted to be 93 degrees or higher.

O. Outreach and Education⁶¹

The Company will continue to file an Outreach and Education Plan with the Secretary by April 1 of each rate year. This plan provides the Commission with information regarding the Company's anticipated communications and customer engagement activities for the upcoming year, using related achievements from the prior year as benchmarks.

P. Other Programs and Initiatives⁶²

Pursuant to the JP, the Company will continue its Residential Methane Detection Program and its First Responder Training Program, both of which will be funded through the Company's gas O&M expenses (the former with an annual cost of \$100,000 and the latter \$50,000). Central Hudson will also implement a Community Emergency Response Drill Program, which will simulate gas emergencies to test and enhance the communication protocols and logistics of first responder organizations - gas operators, fire departments, police

⁶¹ Hearing Exhibit 75, JP, § XIX.

⁶² Id., § XX.

departments or emergency medical services, among others - within the community.⁶³

Additional programs detailed in the JP include the Pipeline Safety Management System and the New York Pipeline Emergency Response Initiative (both funded through the Company's gas O&M expenses), the Natural Gas Re-Compression for Methane Capture Incentive,⁶⁴ the Streetlight Dimming Energy Efficiency Pilot and "Smart City Technologies." We discuss a number of these programs below.

Q. Earnings Adjustment Mechanisms⁶⁵

The JP recommends adoption of 10 Earnings Adjustment Mechanisms (EAMs), including the Low to Moderate Income EAM, the Share the Savings EAM, the DER utilization EAM, the electric vehicle (EV) Adoption EAM and the Electric Vehicle Supply Equipment EAM. These proposed EAMs would incentivize the Company to: (1) increase achieved electric and gas energy efficiency; (2) increase electric system efficiency through peak reduction and distributed energy resource utilization; (3) reduce residential and commercial customers' electric energy intensity (total usage on a per customer basis); and (4) reduce greenhouse gas emissions by facilitating the broader use of electric vehicles.

Potential maximum earnings adjustments for Central Hudson's electric business are \$3.9 million in calendar year 2022, \$2.7 million in calendar year 2023, and \$3.4 million in calendar year 2024. With respect to its gas business, Central

⁶³ See n. 54, supra.

⁶⁴ Id.

⁶⁵ Hearing Exhibit 75, JP, § XXI.

Hudson can earn maximum adjustments of \$0.18 million in 2022, \$0.19 million in 2023, and \$0.42 million in 2024.

Each EAM is comprehensively described, with applicable computation methods, in Appendix W to the JP.

R. Geothermal Rate Impact Credit⁶⁶

With certain modifications, the Company will continue its GRIC program, which will no longer be funded through the RDM but rather through the Heat Pumps budgets established in the 2020 Energy Efficiency Order.⁶⁷ Eligibility for the program is restricted to customers enrolled as of July 1, 2021, or to residential customers who purchase a ground source heat pump and participate in the Company's Clean Heat Program; the latter group of customers will be automatically enrolled. GRIC eligibility will no longer require an annual or monthly subscription to Insights+, as the customer facing component of the program has been discontinued, and the annual \$200 credit will be paid by September 1 of each year.

The JP reflects the Signatory Parties' agreement that the GRIC will be eliminated upon the development of a technology-agnostic rate structure⁶⁸ or by December 31, 2025, if no such rate structure is developed by then.

⁶⁶ Hearing Exhibit 75, JP, § XXII.

⁶⁷ Case 18-M-0084, supra, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 (issued January 16, 2020).

⁶⁸ Examples referenced in the JP include opt-in standby or demand rates, "or a rate that addresses the bill impact that geothermal heat pump customers face under the current mass market volumetric rate structure." Mr. Wyman's contentions regarding the GRIC are addressed in the Discussion section below.

S. Climate and Energy Leadership Issues⁶⁹

Central Hudson will conduct a Geothermal District Loop Feasibility Study to identify areas in the Company's service territory where the potential for geothermal district loop pilot projects might exist. The study will be funded by electric customers only and capped at \$250,000.

If the study identifies a particular site that is suitable for a pilot project, the Company will discuss further project development with Staff that is consistent with (1) State and Commission policies established in Case 20-G-0131;⁷⁰ (2) the framework for Reforming the Energy Vision demonstration projects articulated in Case 14-M-0101;⁷¹ and (3) work currently being performed by the New York State Energy Research and Development Authority (NYSERDA) to develop community thermal systems.

Next, in furtherance of New York's emissions reductions targets and clean energy priorities as enunciated in the CLCPA, Central Hudson has made a number of "environmental sustainability" commitments, including: inventorying its direct and indirect emissions; developing a plan to reduce its gas emissions relative to 2019 activity; targeting cumulative savings during the four-year period between 2021 and 2025 that equate to approximately 2.5% from 2019 gas sales; targeting cumulative savings during the same four-year period that equate to approximately 6.9% of 2019 electric sales; targeting a 2% reduction in electric sales volumes by 2025 through volt-var optimization; and it will begin phasing-in the elimination of the gas declining block rates, which promotes energy efficiency.

⁶⁹ Hearing Exhibit 75, JP, § XXIII.

⁷⁰ Proceeding on Motion of the Commission in Regard to Gas Planning Procedures.

⁷¹ Proceeding on Motion of the Commission in Regard to Reforming the Energy Vision.

Central Hudson will also cease offering incentives for conversion from oil to natural gas and will modify its website so that it does not promote the use of natural gas.⁷²

Finally, the JP allows for the discontinuation of the Insights+ demonstration project, with any ongoing costs associated with the program's backend to be included in base rates.

T. Sales Tax Refund⁷³

Upon approval of the JP, all issues raised or concerning Case 20-M-0134⁷⁴ would be resolved, with the entire \$3,364,414 refund used to moderate rates and allocated 52%/48% between electric and gas rates, respectively.

V. DISCUSSION

Based on our review of the JP and the evidence and arguments proffered by its proponents, we conclude that the JP meets the criteria set forth in the Commission's Settlement Guidelines,⁷⁵ such that its terms should be adopted and incorporated into a rate plan for Central Hudson for the next three years. We find that all parties in the case were afforded procedural protections, such that they had full notice and opportunities to make their views known in both the litigated and settlement tracks of the proceeding.

⁷² More specific details regarding the Company's environmental sustainability efforts are found in Appendices BB and CC to the JP.

⁷³ Hearing Exhibit 75, JP, § XIV.

⁷⁴ See Petition for Approval of a Proposed Disposition of Sales Tax Refund (filed March 16, 2020).

⁷⁵ Cases 90-M-0255, et al., Procedures for Settlements and Stipulation Agreements, Opinion 92-2 (issued March 24, 1992) (Settlement Guidelines).

The JP that has resulted from the settlement negotiations reflects compromises made by diverse and ordinarily adversarial parties with strong incentives to craft resolutions that addressed their various interests. It is a proposal that could reasonably be expected to result from litigation; nevertheless, as a rate plan developed by so many parties with specialized knowledge, we conclude that it is likely superior to the probable outcome of adversarial litigation. We find that the proposed rate plan reflects an appropriate balancing of ratepayer and shareholder interests, while making meaningful progress toward the achievements of State climate goals and low-income affordability.

The parties' efforts and willingness to compromise are demonstrated in their ability to craft resolutions that address their various interests while also furthering important State and Commission policies, and we take special note of the participation of all the parties during settlement.⁷⁶ The negotiated JP results in rates that are just and reasonable, and in the public interest. The rate plans will provide stability and certainty, as well as consideration of customer impacts through the levelized rate increases that will occur over the three-year period. The JP also recommends beneficial changes to the Company's performance metrics including strengthening many of them to improve the Company's performance while suspending the Residential Service Terminations/Uncollectible Incentive Mechanism in recognition of the financial impacts of the Pandemic. We highlight some of its more important components below.

⁷⁶ See Statement of Alliance for a Green Economy Statement in Support, p. 1 (noting that "this was by far the most orderly and well facilitated settlement process" it has seen).

A. Revenue Increases/Term

We find that the three-year term of the rate plan is in the public interest because it provides customers and the Company with long-term delivery rate certainty and greater stability creating an ability to plan than would be possible in a one-year litigated case. MI notes that comprehensive settlements of utility rate proceedings can require more time and resources than litigated proceedings, but it also observes that three-year rate plans may offer benefits that offset the commitment of resources, including increased revenue certainty and the ability to focus on operating as efficiently as possible for the utility and, for customers, increased rate certainty.⁷⁷

The three-year term agreed to in this JP indeed provides an appropriate balance, offering certainty while being brief enough to minimize any inaccuracy that would exist in the forecasts and projections required to develop and approve a longer-term plan. Moreover, the agreed-to term affords parties the ability to resolve certain issues creatively, in ways not often possible through litigation, including moderating rate impacts over a longer period.

The recommended \$3.1 million decrease for electric delivery revenue in Rate Year 1 is notable. Although the JP recommends increases of \$19.5 and \$20.7 million in Rate Years 2 and 3, the decrease from Rate Year 1 will be spread across the three years of the rate plan to mitigate the customer impact of the increases assisting in shaping the implementation of those rate increases. Moreover, the increases are primarily driven by costs that are either outside the control of the utility⁷⁸ or are

⁷⁷ Statement of Multiple Intervenors in Support of JP p. 56.

⁷⁸ Statement of Trial Staff of the Department of Public Service, (Staff Statement) p. 17.

in the public interest and further important policy initiatives such as energy efficiency and heat pump programs.⁷⁹

The recommended gas delivery revenue increase of \$4.7 million in Rate Year 1 is significantly lower than the \$14.4 million increase requested by the Company. Further, the JP proposes to moderate the increases for each rate year of the proposed term using available regulatory liabilities as credits. The increases are primarily the result of additional investment in net plant, depreciation, increases in property taxes and labor. Under the JP, gas capital expenditures will remain relatively constant at approximately \$55 million annually.

The proposed electric and gas increases reflect adjustments to and compromises from the parties' litigation positions, including compromises between Staff and the Company on items such as the overall electric revenue and gas revenue levels, use of regulatory liabilities as moderators, and the recommended ROE and common equity ratios. The proposed moderation of rates in Rate Years 2 and 3 is supported by diverse parties and will provide predictable costs for customers while ensuring an appropriate return of net regulatory liabilities to customers.⁸⁰ We note that the proposed rate increases over the three-year rate plan have been significantly mitigated by the reduction in electric delivery revenues recommended in Rate Year 1, increased sales forecast, and the timely application of regulatory liabilities.⁸¹ With respect to the proposed use of credits, we note that, by adopting Staff's recommendation to spread the regulatory credits over a three-

⁷⁹ Id., p. 2.

⁸⁰ MI Statement, pp. 10-11; Staff Statement p. 18; Statement of Utility Intervention Unit p. 9; Statement of Citizens for Local Power, p. 4.

⁸¹ MI Statement, pp. 11-12.

year period instead of the Company's litigation recommendation to use all the credits to offset Rate Year 1 increases, the JP will provide rate mitigation throughout the rate plan.

Moreover, the terms of the JP represent significant, albeit preliminary, progress toward aligning the Company's gas activities and planning with the CLCPA by among other things committing the Company to cumulative savings equating to approximately 2.5% from 2019 gas sales.⁸²

Staff states that the rate increases provided for under the JP are necessary to allow the Company to continue to provide safe, reliable, and affordable service.⁸³ We agree with Staff that the revenue levels agreed to in this JP are necessary to ensure that the Company has sufficient funding to provide safe and adequate service at just and reasonable rates. We also agree with PULP when it notes that the revenue increases reflect an accommodation to the economic impact of the Pandemic on Central Hudson's customers.⁸⁴

We find the revenue levels to be reasonable, especially in light of the Company's acknowledgement that the JP's lowered revenue requirements result in a rate plan that ensures it has adequate resources to fulfill its statutory obligation to provide safe, adequate, and reliable service, including providing the funding to increase employee numbers to better serve its customers and handle increasing business complexities, modernize the electric and gas infrastructure, and modernize the Company's Information Technology systems.⁸⁵ Staff

⁸² Joint Proposal, Appendix BB. See also Agree Statement, p. 1.

⁸³ Staff Statement, pp. 17-18.

⁸⁴ Statement of the Public Utility Law Project (PULP Statement), p. 5

⁸⁵ Statement of Central Hudson Gas & Electric Corporation in Support of Joint Proposal (Company Statement), pp. 9-10, 13.

was the only party to present a case in support of alternative overall revenue requirements. Ultimately, the parties that engaged in the extensive negotiations leading to this JP agreed to the amount of the proposed increases that we are now approving. We find that the results of those negotiations are in the public interest and fall within the reasonable range of outcomes likely to result from litigation.

B. Cost of Capital

The Rate Year 1 revenues recommended by the JP provide for an overall rate of return of 6.48%, which consists of an ROE of 9.0%, a common equity ratio of 50%, and a long-term debt ratio of 49.6% with a cost rate of 3.99%. The ROE will continue for Rate Years 2 and 3. However, the long-term debt ratio will increase over those years to 51.7% in Rate Year 3. The ROE and over-all after-tax cost of capital represent compromises between parties that are reasonable under current economic conditions. The Company originally requested an overall after-tax cost of capital of 6.61%, which was predicated upon an ROE of 9.1%, a common equity ratio of 50%, and a long-term debt ratio of 49.6% with a cost rate of 4.15%. Staff recommended an overall after-tax cost of capital of 6.17%, which consisted of an ROE of 8.7%, a common equity ratio of 48%, and a long-term debt ratio of 51.6% with a cost rate of 3.88%.

Although the recommended ROE is somewhat higher than others we have recently approved for other utilities,⁸⁶ interest rates and equity return requirements have generally increased since those proceedings were completed.⁸⁷ Further, decreasing the common equity ratio in Rate Years 2 and 3 will reduce the overall cost of capital in those rate years. UIU agrees that these terms provide a proper balance.⁸⁸ We feel that the recommendations are reasonable, and the cost of capital as provided in the JP will allow Central Hudson to continue to access capital at favorable terms. Further, ratepayers are protected from possible over-earning through continuation of an Earnings Sharing Mechanism that provides for the sharing of any potential electric and gas regulatory earnings above specified ROE thresholds.⁸⁹

C. Low Income and Customer Protections

The JP recommends continuation of the Company's EAP and implements requirements set forth in the recent Order Adopting Energy Affordability Policy Modifications and Directing

⁸⁶ Case 19-E-0378 and 19-G-0379, New York State Electric & Gas Corporation - Rates, Order Approving Electric and Gas Rate Plans in Accord with Joint Proposal, with Modifications (issued November 25, 2020); Case 19-E-0380 and 19-G-0381, Rochester Gas and Electric Corporation - Rates, Order Approving Electric and Gas Rate Plans in Accord with Joint Proposal, with Modifications (issued November 25, 2020); Case 19-G-0309, The Brooklyn Union Gas Company d/b/a National Grid NY - Rates, Order Approving Joint Proposal, As Modified, and Imposing Additional Requirements (issued August 12, 2021); Case 19-G-0310, KeySpan Gas East Corporation d/b/a National Grid - Rates, Order Approving Joint Proposal, As Modified, and Imposing Additional Requirements (issued August 12, 2021).

⁸⁷ Staff Statement, pp. 30-31.

⁸⁸ UIU Statement, pp. 4-5.

⁸⁹ Staff Statement, p. 7.

Utility Filings, including increased bill discounts and the expansion of customer eligibility to include all customers who can provide documentary proof of enrollment in public assistance programs associated with the federal Lifeline program.⁹⁰

Consistent with the Order Approving Implementation Plans with Modifications, the Company will also waive reconnection fees.⁹¹

The Company agreed to convene a collaborative to address arrears related to the Pandemic if a similar action had not been directed in Case 21-M-0266.⁹² The Company is also required to conform to the requirements of the August 12, 2021 Order on Energy Affordability Policy.⁹³

UIU, DPS Staff, PULP and Citizens all support the expansion of eligibility for energy affordability programs, as do we. The JP recommends that any overcollection of EAP funds be used to support additional enrollment in the EAP and provides for deferral of costs if current overcollection balances are exhausted during the term of the rate plan.

The JP also pauses the Residential Service Terminations/Uncollectible Target customer service performance metric for 2021 and 2022. Further, the Company has committed to additional cold and hot weather protections, including accepting

⁹⁰ See Case 14-M-0565, supra, Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings (August 12, 2021).

⁹¹ Case 14-M-0565, supra, Order Approving Implementation Plans with Modifications (issued February 17, 2017).

⁹² Case 20-M-0266, Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, Notice Establishing EAP Working Group and Scheduling Initial Meeting (issued September 8, 2021).

⁹³ Case 20-M-0266, supra, Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings (issued Aug. 12, 2021).

all Home Energy Assistance Program payments and providing customers with continued service regardless of the amount due, refraining from terminating customers who are coded as Elderly, Blind, or Disabled and suspending electric residential terminations of residential electric customers during extreme heat events. We find that these protections assist in the prevention of dangerous health conditions during the summer and winter seasons.

We concur with PULP and Citizens that expansion of the Company's Spanish language customer support protocols as agreed to in the JP, including translations of its website, termination notices, and deferred payment agreements, is a necessary and worthwhile improvement.

We find the terms related to the Company's low-income programs and consumer protections to be reasonable and in the public interest. The provisions comply with our recent directives in related generic cases regarding larger discounts and expanded eligibility. We also find that these provisions appropriately consider the long and short-term impacts of the Pandemic on the utility, its customers, and the economy in general.

D. CLCPA Compliance

We find that overall, the rate plan as proposed in the JP complies with the requirements of the CLCPA. Central Hudson is required to file a plan on January 1, 2023, that addresses New York State's emissions reduction targets and clean energy priorities (Environmental Plan). The Environmental Plan will include inventories of the Company's direct and indirect emissions, carbon emissions reductions relative to 2019, and the progress of other environmentally beneficial actions. The JP commits Central Hudson to a 2.5% reduction in gas sales from

2019 levels over the next four years. The savings will be achieved through a mix of energy efficiency and renewable heating technologies.

As noted by Central Hudson, although weather normalized sales for both electric and gas are expected to increase over the term of the JP, this growth is primarily driven by a greater number of customers, as opposed to increased use per customer. More importantly, emissions from reductions in electric, gas, and other fuel related to EAM targets, capital plans and non-pipe alternatives exceeds the emissions growth associated with the normalized electric and gas forecasts included in the JP. If the targets are met and the plans fulfilled, an overall emissions reduction could be achieved despite the expected customer growth.⁹⁴

The Company has agreed to eliminate gas marketing language from its website and increase the visibility of renewable options. Importantly, the JP calls for removal of the gas declining block rates, thus eliminating an inconsistency with the Company's energy efficiency efforts. The JP also requires the gas-powered Cossackie and South Cairo Simple Cycle Combustion Turbines be decommissioned by December 31, 2025. Further, the Company has agreed to pro-actively pursue non-pipes alternatives and will continue the non-pipes alternative project development; it will also continue to provide gas energy efficiency rebates but cease subsidizing oil-to-natural gas conversions through rebates.

Mr. Wyman is correct that a "rational observer" must recognize that the CLCPA and other State efforts to reduce greenhouse gas emissions are likely to have a significant impact

⁹⁴ Central Hudson Statement, pp. 55-59.

on the future utilization of the gas system.⁹⁵ However, the extent and nature of those changes is not yet known.⁹⁶ Therefore, Mr. Wyman's arguments for a specific alternative to the depreciation analysis on which the JP relies is speculative and not supported in this proceeding.⁹⁷ The Environmental Plan required in the JP will help inform future treatment of gas assets and provide more information on which to consider the appropriate depreciation of the assets and related infrastructure. Further, as noted by Staff and MI, the issues are of statewide interest and importance.⁹⁸ We agree with Staff that it would be better to address these issues in a more integrated fashion within a generic proceeding, such as the Gas Planning Proceeding⁹⁹ with input from all stakeholders.¹⁰⁰ We conclude that the overall treatment of gas assets and infrastructure including depreciation in the JP is appropriate.

On the electric side, the JP contemplates a 6.9% reduction from 2019 sales from 2021-2025 and targets a 2% reduction in electric sales volumes by 2025 with volt-var optimization. The Company has also agreed to use its Clean Energy Marketplace to facilitate the subscriptions for community

⁹⁵ Wyman Statement in Opposition (Wyman Statement), pp. 5-8. See Cases 19-G-0309, et al., The Brooklyn Union Gas Company d/b/a National Grid NY for Gas Service - Rates, Order Approving Joint Proposal, As Modified, and Imposing Additional Requirements (issued August 12, 2021), p. 174.

⁹⁶ See Case 20-G-0101, Corning Natural Gas Corporation - Rates, Order Establishing Rates and Rate Plan (issued May 19, 2021), pp. 28-29.

⁹⁷ Hearing Exhibits 42 (2019 Depreciation Study 101 [August 28, 2020] and 101 (Staff Depreciation Panel Testimony [December 22, 2020])).

⁹⁸ Staff Letter in Reply, p. 3; MI Reply Statement (September 29, 2021), pp. 6-9.

⁹⁹ Case 20-G-0131, Proceeding Regarding Gas Planning Procedures.

¹⁰⁰ Staff Letter in Reply, p. 3

distribution generation. Central Hudson has committed at least 10% of its annual vehicle capital budget through 2025 on battery electric vehicles and/or plug-in hybrid electric.

Additionally, the Signatory Parties agreed to support the Geothermal District Loop Feasibility Study, funded by electric customers only with a cost not to exceed \$250,000, to identify areas in the Company's service territory where the potential for geothermal district loop pilots might exist. This proposal is reasonable and supports the goals of the CLCPA; in fact, we agree with Citizens that geothermal district loops have significant potential to contribute to the achievement of CLCPA and other climate related goals.

The JP ensures that if the study identifies a site suitable for a geothermal pilot project, the Company will discuss additional project development with Staff to ensure consistency with the framework for REV demonstration projects. The JP also requires any geothermal district loop project to be consistent with work by NYSERDA to develop community thermal systems and with policies that may be developed in Case 20-G-0131. The JP provides for an increase in energy efficiency and heat pump funding consistent with Commission policy and precedent, compliance with the Commission's EV orders, as well as the continuation and expansion of EAMs that incentivize the Company to further CLCPA goals.

The Environmental Plan and its provisions requiring Company actions to advance environmental benefits and energy conservation are consistent with and further New York State energy policies, the CLCPA, and established Commission objectives. Further, we concur with AGREE that the JP begins to align the Company's gas planning and actions with the CLCPA and find that the JP represents a significant and necessary step in

reaching the CLCPA and other climate related requirements.¹⁰¹ Accordingly, these provisions of the JP are reasonable, in the public interest, and are adopted.

The JP provides funding for Phase 1 electric transmission/distribution projects that the Company has identified. We find that the Projects are aligned with guidance provided in our Order regarding Phase 1 local transmission and distribution projects.¹⁰² These investments will also increase the ability of the Company's system to accommodate greater renewable energy interconnections.

E. Vegetation Management

The JP enhances vegetation management to increase system reliability during blue sky days and storm events. Central Hudson's transmission right of way (ROW) vegetation management program includes routine ROW maintenance activities such as danger tree removal, tree-trimming, mowing and access road management, herbicide applications, and ROW edge reclamation or widening. As Staff observes, the funding provided for vegetation management will allow the Company to further improve the reliability of the electric distribution system by proactively targeting tree trimming while limiting the direct financial impact to ratepayers. An appropriate balance is achieved between the direct cost of the program and the benefits of effective vegetation management. The funding in the JP allows for a 4.5-year routine trimming cycle for on-road and off-road line clearance activities. The funding for the

¹⁰¹ AGREE Statement, p. 4.

¹⁰² Case 20-E-0197, Proceeding on Motion of the Commission to Implement Transmission Planning Pursuant to the Accelerated Renewable Energy Growth and Community Benefit Act, Order on Phase 1 Local Transmission and Distribution Project Proposals (issued February 11, 2021).

distribution vegetation management program includes approximately \$2.5 million for each of the three rate years to address danger trees.

Although vegetation management represents a significant driver of rates, its vital role in maintaining safe and reliable service is without question. A robust, well-supported vegetation management plan is essential to maintaining healthy trees and other vegetation in a manner that also maximizes the protection of critical infrastructure. As the likelihood of severe, major storm events continues to increase due to climate change, the importance and value of proper vegetation management cannot be overstated. Additionally, as noted by Staff, tree-related risks associated with the Emerald Ash Borer and other invasive pests are unprecedented, and these risks must likewise be addressed.¹⁰³ We accordingly find that the increased costs related to vegetation management are reasonable and in the public interest; moreover, the JP protects ratepayers financially by tracking over or under expense and requiring appropriate treatment in either case.

F. Geothermal Rate Impact Credit

Mr. Wyman opposes the reduction in the GRIC and argues that rates proposed in the JP are unfair because they allocate excessive costs to geothermal heat pump users, who "impose lower costs on the electric grid than do consumers who rely on more traditional heating and cooling solutions."¹⁰⁴ He further maintains that funding for the GRIC should continue through RDM collections rather than through heat pump program budgets because the latter are designed to promote the installation of

¹⁰³ Staff Statement, p. 13.

¹⁰⁴ Wyman Statement, pp. 2-5.

heat pumps; according to Mr. Wyman, using such funds for GRIC costs inappropriately conflates “just rate design efforts” with “incentives.”¹⁰⁵ NY-GEO expresses concern regarding the proposed GRIC funding mechanism but also appreciates the Company’s willingness to maintain several elements of the GRIC. Further, NY-GEO supports the JP overall as a necessary compromise toward “workable outcomes.”¹⁰⁶

We find that the proposed changes are reasonable, in the public interest and will not unduly impact geothermal heat pump customers or the ability of the Company’s heat pump program to incentivize the installation of geothermal heat pump systems. As noted by Staff, the reduction in the GRIC amount is approximately equal to the previously required Insights+ subscription fee.¹⁰⁷ We agree with Staff and MI that the GRIC, a credit to remove barriers to the installation of geothermal heat pumps, is appropriately funded through the heat pump program.

While Mr. Wyman’s concerns regarding the distinct usage profiles of customers with geothermal heat pumps are not without merit, the JP contemplates continuation of the GRIC until December 31, 2025, unless a suitable opt-in or standby rate is available for customers using heat pumps sooner. We have already directed the utilities to develop opt-in “standby rates” for each service classification based on the utilities completing an Allocated Cost of Service study and Staff has

¹⁰⁵ Id. at 4. In other words, again according to Mr. Wyman, funding the GRIC through RDM collections is more logical because the GRIC was intended to alleviate the rate inequity he alleges above.

¹⁰⁶ NY-GEO Statement in Support (NY-GEO Statement), p. 1.

¹⁰⁷ Staff Letter in Reply (pp. 1-2). A subscription to Insights+ costs \$60 annually or \$4.99 monthly, and the GRIC has been reduced from \$264 to \$200.

submitted its related whitepaper.¹⁰⁸ We anticipate that the new standby rates will better align customer cost causation and system value with customer charges. In any event, the alternative end date of December 31, 2025, absent future Commission action is reasonable because it aligns with the term of the authorized heat pump program budget.

G. Earnings Adjustment Mechanisms

The Company proposed eleven electric EAM metrics and two gas EAM metrics to be measured on a calendar year basis with an opportunity to earn 100, 85, and 85 basis points worth of financial incentives for calendar years 2022, 2023, and 2024, respectively. For the gas system, the Company-proposed metrics would have provided the Company with an incentive to earn up to an additional 25 basis points annually for calendar years 2022 through 2024.

The JP recommends EAMS consistent with those proposed by Staff, including seven electric EAM metrics: Electric Energy Efficiency Share the Savings; Electric Peak Reduction; DER Utilization; DC Fast Charger Installation; Level 2 Charger Installation; Heat Pump Share the Savings; and Electric Vehicle Adoption. The JP also recommends two gas EAM metrics: Gas Energy Efficiency Share the Savings; and Gas Peak Reduction; and one combined gas and electric EAM metric, Combined Gas and Electric System Low to Moderate Income Energy Efficiency Count-Up. Each EAM is measured on a calendar year. The electric EAMS proposed in the JP provide the Company with the opportunity to earn 45, 30, and 30 basis points for 2022, 2023, and 2024,

¹⁰⁸ Case 15-E-0751, Value of Distributed Energy Resources, Order on Standby and Buyback Service Rate Design and Establishing Optional Demand-Based Rates (issued May 16, 2019) and Whitepaper on Allocated Cost of Service Methodology (November 25, 2020).

respectively. The Gas Peak Reduction EAM includes an incentive of up to five basis points. The JP further recommends that the unit cost savings achieved in the Electric Energy Efficiency Share the Savings metric, the Heat Pump Share the Savings metric, and the Gas Energy Efficiency Share the Savings metric for calendar years 2022, 2023, and 2024. Further, the JP provides for three reporting only metrics with no corresponding financial adjustment: Load Factor; Residential Energy Intensity; and Commercial Energy Intensity.

We find that the proposed EAMs are aligned with the State's clean energy goals, including the requirements set forth in the CLCPA. Specifically, the proposed EAMs will provide appropriate financial incentives for the Company to: increase system efficiency by reducing peak usage; increase electric and gas energy efficiency; reduce greenhouse gas emissions by increasing adoptions of beneficial electric technologies including air- and ground-source heat pumps and electric vehicles; and benefit low to moderate income customers by supporting their adoption of energy efficiency and other energy savings measures. These EAMS are reasonable and are adopted as proposed.

H. Performance Mechanisms

1. Customer Service

The JP recommends continuing the Company's Customer Service Performance Indicators but adjusts several performance metrics and associated NRAs as proposed in Staff's direct testimony. The JP further recommends pausing the customer service metric related to residential service terminations and uncollectibles for calendar years 2021 and 2022, with an option for the Company to petition for reinstatement of the metric for

2023 and 2024.¹⁰⁹ We agree with the proposed changes to the customer service metrics to reflect previous performance by the Company and to incentivize continuing improvements. We further agree that, considering the devastating economic impacts arising from the Pandemic, it is desirable and in the public interest to pause the metric at least through 2022. The increased targets and increasing NRA potential are reasonable and in the public interest. Further, expressing the NRAs as basis points rather than dollar amounts aligns the NRAs with those of other utilities and avoids the potential for dollar amount incentives to become stale or dated.

The JP also allows for \$1.5 million of incremental funding over three years related to the new Customer Information System to manage customer calls. The amount represents a significant reduction from the Company's original request, but provides reasonable funds for the Company to manage its call center and overflow vendor usage while avoiding customer service issues related to the call center.¹¹⁰

2. Electric Reliability

The JP recommends maintaining the current 30 basis point negative revenue adjustment for failure to meet SAIFI and CAIDI targets. It further recommends changing the Company's SAIFI from its current 1.45 to 1.32 in 2021 and 2022, and 1.30 in 2023 and 2024.¹¹¹ In contrast to what Central Hudson originally proposed, the recommended RPM does not include a sliding scale, positive revenue adjustments, or a mutual aid exclusion. The CAIDI is also a 30 basis point (electric)

¹⁰⁹ Staff Statement, pp. 51-52.

¹¹⁰ Id., p. 53.

¹¹¹ Joint Proposal, Appendix Q.

potential negative revenue adjustment for failure to achieve an annual CAIDI of 2.50 in 2021 through 2024.

The proposed electric reliability mechanism represents continued improvement and is reasonable. As noted by Staff, the metric thresholds balance the Company's ability to implement electric reliability and tree-related programs, while applying reasonable performance levels to the incentives.¹¹²

3. Natural Gas Safety and Reliability

The JP includes modification to the gas safety performance measures intended to encourage improvements to the safety of the gas system and its operation. The changes are intended to improve performance by tightening the current targets and related revenue adjustments. The JP recommends both NRAs for failing to meet the proposed targets and PRAs for the Company's ability to exceed targets for certain performance measures including damage prevention, leak backlog and emergency response. An NRA only is recommended for the non-compliance metric.

The recommended gas safety measures are reasonable and clearly in the public interest. The Company's annual potential NRA based on the measures is 150 pre-tax basis points per calendar year. The maximum potential PRA is 22 basis points annually. We also note that the potential NRAs have been re-allocated to provide a better balance across the performance measures. The recommended levels and allocation of NRAs and PRAs provide the appropriate incentive to meet increasingly strict minimum standards while incentivizing excellence in those areas.

¹¹² Staff Statement, pp. 46-47.

4. Leak Prone Pipe Replacement

The JP recommends continuing the existing requirement for the Company to replace 15 miles of LPP annually. Failing to achieve the target would subject the Company to an NRA of 15 basis points. The Company also commits to employing alternatives to pipe replacement where possible by eliminating double runs, bringing unprotected steel pipe into cathodic protection and/or pursuing non-pipe alternatives that demonstrate a positive benefit cost analysis.

Citizens expresses concern regarding the provisions in the JP related to LPP. While acknowledging the importance of safety, Citizens argues that the \$40 million annual budget for the replacement of LPP would be more appropriately utilized on urgent climate-related changes.¹¹³

We disagree with Citizens as LPP replacement enhances safety and is therefore in the public interest. Further, LPP potentially releases methane, so replacing such pipe is consistent with mitigating climate impacts of the gas system and with the requirements of the CLCPA.¹¹⁴ In addition, the Company's commitment to utilize alternatives to replacement balances this provision and mitigates concerns related to unnecessary or sub-optimal replacement strategies.

We also agree with Staff's assertion that LPP replacement and related alternatives are statewide issues that should be addressed in the Gas Planning Proceeding.¹¹⁵

I. Pipeline Safety Programs

The pipeline safety programs recommended by the Joint Proposal include Residential Methane Detectors, Training for

¹¹³ Citizens Statement, p. 6.

¹¹⁴ Cases 19-G-0309, KEDNY and KEDLI Rates, p. 160.

¹¹⁵ Case 20-G-0131, supra.

First Responders, the Pipeline Emergency Response Initiative, and the Pipeline Safety Management System. These programs are all intended to maintain and improve the safety of the gas system and are in the public interest. Further, we believe that these programs are properly treated as an O&M expense.

J. Smart City Technologies/Streetlight Dimming Project

NYPA directs "Smart Street Lighting NY," a statewide initiative with a goal of converting 500,000 streetlights from high-intensity discharge lamps to light emitting diode (LED) technology by 2025.¹¹⁶ In its direct testimony, NYPA suggested pairing LED conversions with additional "smart city" technologies and advocated for the streamlining of Central Hudson's associated review, approval, and installation processes.¹¹⁷

In furtherance of these objectives, the JP includes a "Smart City Technologies" provision and calls for Central Hudson's implementation of a Streetlight Dimming Project.¹¹⁸

In conjunction with the former, the Company will facilitate the attachment of smart devices to customer-owned lights by publishing on its website a summary of its Make Pole Ready Attachment Process and developing a standard municipal smart city devices attachment agreement.¹¹⁹ Likewise, within 60 days of this order's issuance, Central Hudson will co-chair a working group with NYPA that will convene monthly or bimonthly to: (1) evaluate particular smart city devices, specifications and drawings; (2) jointly perform necessary engineering assessments; (3) complete safety reviews for existing smart city

¹¹⁶ NYPA Street Lighting Panel Testimony, p. 1.

¹¹⁷ Id., pp. 4, 10-13.

¹¹⁸ Hearing Exhibit 75, JP, § XX (H), (I).

¹¹⁹ Id., § XX (I).

devices: (4) develop general guidelines for installing approved smart city devices in the Company's service territory, and (5) consider Rate A smart city tariff/streetlighting changes.¹²⁰

Central Hudson will also consult with Staff regarding the status and approval of network lighting controls (NLCs),¹²¹ which can be attached to LED fixtures and used in the Streetlight Dimming Project to manage and record energy usage in real-time to determine the savings a municipality may achieve through dimming.¹²² Up to three municipalities in Central Hudson's service territory will be recruited by NYPA to participate in the project, and savings would be based on an analysis of total energy reduced, cost effectiveness with consideration of a Benefit Cost Analysis Handbook and lifecycle kWh costs, as well as the qualitative results - e.g., schedules utilized and frequency of schedule changes - for any participating municipality.¹²³

We have previously recognized that LED conversions may contribute to the reduction of greenhouse gas emissions and thus play a significant role in the achievement of New York's clean energy goals.¹²⁴ NLCs and streetlight dimming expand upon LED-capability in this regard, while also reducing overall costs by extending the useful life of lamps. Smart city devices,

¹²⁰ Id.

¹²¹ Id.

¹²² Id., § XX (H); Appendix AA to JP. NYPA estimates that streetlight dimming strategies may reduce such usage by as much as 25% when compared to pre-LED energy usage levels (NYPA Street Lighting Panel Testimony, p. 13; Hearing Exhibit 138, Seattle LED Adaptive Lighting Study, p. i).

¹²³ Appendix AA to JP.

¹²⁴ See Case 15-E-0745, Tariff Filing by Central Hudson Gas & Electric Corporation to Effectuate Amendments to Public Service Law - New §70-a, Order Approving Tariff Amendments with Modifications (issued October 14, 2016), pp. 11, 25.

meanwhile, potentially offer even broader societal enhancements, including those related to public safety (gunshot detection, vacant house monitoring), transportation (parking management and traffic monitoring), the environment (air quality, ice and snow detection, sewer, and stormwater monitoring) and connectivity (smartphone applications, digital kiosks, connected vehicles).

Accordingly, both Smart City Technologies and the Streetlight Dimming Project further the public interest and are worthwhile components of the JP.

K. Sales Tax Refund

We find the JP's proposed resolution of Case 20-M-0134 to be in the public interest. Indeed, as indicated above, the entire \$3,364,414 sales tax refund will be used to moderate rates and thus directly benefits customers. While this outcome does not reflect precisely the positions taken by MI and Citizens in the underlying proceeding, it is consistent with their general assertions that the refund provide financial assistance to customers.

VI. CONCLUSION

Based upon the record, we find that the Joint Proposal appropriately balances the interests of ratepayers, the Company, and its investors. The Joint Proposal provides sufficient funding for the Company to maintain safe and reliable service, but also attract necessary capital to ensure its long-term viability while mitigating rate impacts using deferral credits. The terms of the Joint Proposal are consistent with our environmental, social, and economic policies, as well as those of the State, including the CLCPA. Accordingly, consistent with our discussion in this Order, we find that the rate plans

adopted herein provide just and reasonable rates, terms and conditions and are in the public interest.

The Commission orders:

1. The rates, terms, conditions, and provisions of the Joint Proposal dated August 24, 2021, filed in these proceedings, and attached hereto as Attachment 1, are adopted, and incorporated herein.

2. Central Hudson Gas & Electric Corporation is directed to file cancellation supplements, effective on not less than one day's notice, on or before November 19, 2021, cancelling the tariff amendments and supplements listed in Attachment 2 to this Order.

3. Central Hudson Gas & Electric Corporation is directed to file, on not less than two days' notice, on or before November 29, 2021, to become effective on December 1, 2021, on a temporary basis, such further tariff amendments as are necessary to effectuate the terms of this Order. Central Hudson Gas & Electric Corporation shall serve copies of its filing on all parties to these cases. Any comments on the compliance filing must be filed within 14 days of service of the proposed amendments. The amendments specified in the compliance filing shall not become effective on a permanent basis until approved by the Commission.

4. Central Hudson Gas & Electric Corporation is directed to file such tariff changes as are necessary to effectuate the terms of this Order for Rate Year 2 ending June 30, 2023, and for Rate Year 3 ending June 30, 2024, on not less than 30 days' notice. Such tariff changes shall be effective only on a temporary basis until approved by the Commission.

5. The requirement of Public Service Law Section 66(12)(b) that newspaper publication be completed prior to the effective date of the amendments for Rate Year 1 is waived. Central Hudson Gas & Electric Corporation is directed to file with the Secretary, not later than six weeks following the amendments' effective date, proof that notice to the public of the changes made by the amendments has been published once a week for four consecutive weeks in daily and weekly newspapers having general circulation in the service territory and areas affected by the amendments. Newspaper notice is not waived for tariff changes necessary to implement the rate plan in Rate Years 2 and 3.

6. In the Secretary's sole discretion, the deadlines set forth in this Order may be extended. Any request for an extension must be in writing, must include a justification for the extension, and must be filed at least three days prior to the affected deadline.

7. These proceedings are continued.

By the Commission,

(SIGNED)

MICHELLE L. PHILLIPS
Secretary

NEW YORK STATE
PUBLIC SERVICE COMMISSION

-----X
Proceeding on Motion of the Commission as to the
Rates, Charges, Rules and Regulations of
Central Hudson Gas and Electric Corporation
for Electric Service
-----X

Case 20-E-0428

-----X
Proceeding on Motion of the Commission as to the
Rates, Charges, Rules and Regulations of
Central Hudson Gas and Electric Corporation
for Gas Service
-----X

Case 20-G-0429

-----X
Petition of Central Hudson Gas & Electric Corporation for
Approval, Pursuant to Public Service Law Section
113(2), of a Proposed Disposition of Sales Tax Refund
-----X

Case 20-M-0134

JOINT PROPOSAL

August 24, 2021

TABLE OF CONTENTS

I.	INTRODUCTION	1
II.	PROCEDURAL HISTORY	2
III.	TERM AND EFFECTIVE DATE OF RATE CHANGES	7
IV.	REVENUE REQUIREMENTS	7
	A. Revenue Requirements	7
	B. Delivery Revenue Decreases / Increases	7
	C. Electric Bill Credits	8
	D. Gas Bill Credits	8
	E. Delivery Revenue and Total Bill Decreases/Increases After Moderation	8
	F. Make Whole Provision	9
V.	ACCOUNTING MATTERS	10
	A. Net Plant Targets (Excluding Enterprise Resource Planning (“ERP”) Phase III), Reconciliation, Deferral Accounting and Reporting Requirements	10
	1. Components of Net Plant	10
	2. Electric and Gas Net Plant Targets (Excluding ERP Phase III)	10
	3. Net Plant Target Reconciliations	10
	4. Deferral for the Benefit of Ratepayers	11
	5. Capital Expenditures Reporting Requirements	11
	B. ERP Phase III Deferral, Reconciliation, Deferral Accounting and Reporting Requirements	12
	1. Electric and Gas ERP Phase III Targets	12
	2. Reconciliation to ERP Phase III Targets and Deferral	12
	3. Reporting Requirements	12
	C. Deferral Accounting	14

1. Continuing Deferrals	14
2. Modified Deferrals	22
3. Expiring Deferrals.....	27
4. New Deferrals	28
D. Listing of Deferrals	33
E. Deferral Extension/Continuation	33
F. Right to Petition	33
G. Projected Net Deferred Regulatory Credits	33
H. Revenue Matched Rate Allowances.....	34
I. Fortis Overhead Allocation Methodology	34
J. Depreciation.....	35
VI. CAPITAL STRUCTURE AND RATE OF RETURN.....	35
A. Capital Structure and Return on Equity	35
B. Cost of Long-Term Debt and Customer Deposit Rate	35
VII. EARNINGS SHARING MECHANISM.....	36
A. Thresholds.....	36
B. Reporting and Calculation of Actual Regulatory Earnings	37
VIII. NEW, MODIFIED AND CONTINUING REPORTING REQUIREMENTS	38
IX. FORECASTS OF SALES AND CUSTOMERS.....	38
A. Treatment of Danskammer Revenues.....	38
X. REVENUE ALLOCATION AND RATE DESIGN.....	38
A. Revenue Allocation.....	38
1. Electric Revenue Allocation.....	38
2. Gas Revenue Allocation.....	38

B. Rate Design.....	39
1. Electric Rate Design.....	39
2. Gas Rate Design.....	39
3. Gas Tail Block Rate Customer Notification	39
4. Customer Bill Impacts	40
5. Parties Meeting to Discuss ECOS Models in Next Rate Case	40
XI. PROVISIONS FOR LOW INCOME CUSTOMERS	41
A. Energy Affordability Program.....	41
B. Reconnection Fee Waiver	42
C. Arrears Management – Case 20-M-0266	42
XII. TARIFF-RELATED MATTERS	43
A. Generally	43
B. Electric RDM.....	43
C. Gas RDM	44
D. Electric Factor of Adjustment.....	44
E. Billing Services Credit.....	45
F. Energy Efficiency Credits for Recharge NY	45
G. Interruptible Imputation	45
H. Gas Cash-Out Rate.....	45
I. Merchant Function Charge and Lost Revenue	46
J. Conforming Tariffs.....	47
XIII. ECONOMIC DEVELOPMENT.....	47
A. Economic Development Programs.....	47
1. Back to Business Program.....	48
2. Manufacturing Building and Infrastructure Program	48

3. Manufacturing Productivity Program	48
4. Expansion & Retention for Manufacturers Grant Program	49
5. Supply Chain Study Grant Program	50
B. Non-Continuing Programs	50
C. Reporting Requirements	50
XIV. ENERGY EFFICIENCY PROGRAM AND HEAT PUMP PROGRAM COSTS....	51
XV. RATE ADJUSTMENT MECHANISM	52
XVI. ELECTRIC RELIABILITY	52
XVII. GAS SAFETY METRICS	53
A. Emergency Response Time	53
B. Leak Management.....	53
1. Gas Leak Backlog	53
C. Damage Prevention.....	55
D. Gas Safety Violations Performance Measures	55
E. Leak Prone Pipe	57
F. Gas Safety Total PRA / NRA Basis Points Allocation	58
G. Continuation	58
XVIII. CUSTOMER SERVICE	58
A. Customer Service Performance Indicators.....	58
1. PSC Complaint Rate	59
2. Residential Customer Satisfaction Survey	59
3. Percent of Calls Answered by a Representative Within 30 Seconds	59
4. Appointments Kept.....	60
5. Residential Service Terminations/Uncollectibles Target	60

B. Call Volume Overflow	61
C. Multilanguage Translation	61
D. Voluntary Protections During Extreme Weather	62
1. Cold Weather Protections	62
2. Extreme Heat Protections	63
XIX. OUTREACH AND EDUCATION.....	63
XX. OTHER PROGRAMS AND INITIATIVES	63
A. Residential Methane Detection Program.....	63
B. First Responder Training Program	63
C. Community Emergency Response Drill Program	63
D. Pipeline Safety Management System.....	64
E. New York Pipeline Emergency Response Initiative.....	64
F. Natural Gas Re-Compression for Methane Capture Incentive	64
G. Renewable Natural Gas	64
H. Streetlight Dimming Energy Efficiency Pilot	65
I. Smart City Technologies	65
XXI. EARNINGS ADJUSTMENT MECHANISMS.....	66
A. EAM Reporting Requirements.....	66
B. Recovery of Electric EAM Incentives.....	67
C. Recovery of Gas EAM Incentives.....	68
XXII. GEOTHERMAL RATE IMPACT CREDIT	68
XXIII. CLIMATE AND ENERGY LEADERSHIP ISSUES.....	69
A. Geothermal District Loop Feasibility.....	69
B. Environmental Sustainability Efforts	70
C. Insights+ Demonstration Project	70

XXIV. SALES TAX REFUND.....	71
XXV. MISCELLANEOUS PROVISIONS	71
A. Continuation of Provisions; Rate Changes; Reservation of Authority.....	71
B. Request for Exemption from Disclosure	73
C. Dispute Resolution	73
D. Provisions Not Separable.....	73
E. Provisions Not Precedent.....	74
F. Submission of Proposal.....	75
G. Effect of Commission Adoption of Terms of this Proposal.....	75
H. Further Assurances	76
I. Extension	76
J. Scope of Provisions.....	76
K. Execution	76
L. Entire Agreement	77

APPENDICES

Appendix A:	Electric and Gas Income Statements and Rate Base
Appendix B:	Make Whole Calculation
Appendix C:	Net Plant Targets Excluding ERP and Methods for Calculating Actual Net Plant Revenue
Appendix D:	Method for Calculating Actual ERP Phase III Net Plant Targets and Deferral
Appendix E:	Format for Annual Capital Expenditure Reports
Appendix F:	Listing of Deferrals
Appendix G:	Rate Adjustment Mechanism
Appendix H:	Net Deferred Accounts Available for Moderation
Appendix I:	Revenue Matching Factors
Appendix J:	Capital Structures and Allowed Rate of Return
Appendix K:	Electric and Gas Forecasts of Sales, Customers and Revenues
Appendix L:	Electric and Gas Revenue Allocation
Appendix M:	Electric and Gas Rate Design and Billing Determinants
Appendix N:	Electric and Gas Estimated Bill Impacts
Appendix O:	Electric and Gas RDM Billing Determinants and Targets by Rate Year and by Class
Appendix P:	New, Modified and Continuing Reporting Requirements
Appendix Q:	Electric Reliability Performance Mechanism
Appendix R:	Gas Safety Metrics
Appendix S:	Part 255/261 – High and Other Risk Gas Safety Violations
Appendix T:	Customer Service Performance Indicators
Appendix U:	Major Storm Reserve
Appendix V:	Depreciation Factors and Rates
Appendix W:	Earnings Adjustment Mechanisms
Appendix X:	Annual Capital Budget

Appendix Y:	Legacy Hydro Generation
Appendix Z:	Multilingual Translation Roadmap
Appendix AA:	Streetlight Dimming Pilot
Appendix BB:	Environmental Sustainability Efforts
Appendix CC:	Website Changes

NEW YORK STATE
PUBLIC SERVICE COMMISSION

-----X
Proceeding on Motion of the Commission as to the
Rates, Charges, Rules and Regulations of
Central Hudson Gas and Electric Corporation
for Electric Service
Case 20-E-0428

-----X
Proceeding on Motion of the Commission as to the
Rates, Charges, Rules and Regulations of
Central Hudson Gas and Electric Corporation
for Gas Service
Case 20-G-0429

-----X
Petition of Central Hudson Gas & Electric Corporation for
Approval, Pursuant to Public Service Law Section
113(2), of a Proposed Disposition of Sales Tax Refund
Case 20-M-0134

JOINT PROPOSAL

I. INTRODUCTION

This Joint Proposal ("Proposal" or "JP") providing for the resolution of all issues in the above-captioned cases is made mutually by Central Hudson Gas & Electric Corporation ("Central Hudson" or "Company"); the New York State Department of Public Service Staff ("Staff"); Multiple Intervenors ("MI"); the Public Utility Law Project of New York, Inc. ("PULP"); the Utility Intervention Unit of the Department of State, Division of Consumer Protection ("UIU"); Alliance for a Green Economy ("AGREE"); Dutchess County; New York Power Authority ("NYPA"); New York Geothermal Energy Organization ("NY-GEO"); Family Energy, Inc; Marathon Power LLC; M&R Energy Resources Corporation and the other entities whose signatures appear below

(collectively, the “Signatories” or the “Signatory Parties”).

II. PROCEDURAL HISTORY

A. The Rate Case Proceedings

On June 14, 2018, the New York State Public Service Commission (“Commission” or “PSC”) issued an Order Adopting Terms of Joint Proposal and Establishing Electric and Gas Rate Plan, which set forth a three-year rate plan for the Company for the period from July 1, 2018 through June 30, 2021.¹

On August 27, 2020, Central Hudson filed tariff leaves and testimony with the PSC in support of proposed increases to its electric and gas delivery revenues based on a Rate Year comprised of the 12 months ending June 30, 2022 (“Rate Year”). Central Hudson also included select financial information for two additional rate years as Attachment B to its filing letter.² Central Hudson’s proposed delivery rates prior to moderation were designed to produce an electric delivery revenue increase of approximately \$32.8 million and a gas delivery revenue increase of approximately \$14.4 million, resulting in base delivery revenue increases of 8.4% and 12.1%, respectively, or total bill increases of 6.2% and 8.0%, respectively, for an average residential customer. In its filing, Central Hudson also proposed to use existing net regulatory liability balances of approximately \$20.0 million for electric and \$8.0 million for gas to moderate rate increases during the Rate Year.

¹ Cases 17-E-0459 et al., Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service, Order Approving Terms of Joint Proposal and Establishing Electric and Gas Rate Plan (June 14, 2018) (“2018 Rate Plan”).

² Cases 20-E-0428 et al., Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service, Cover Letter Attachment B (Aug. 27, 2020).

On September 8, 2020, the Commission suspended the Company's proposed tariff leaves through January 23, 2021.³ Discovery was commenced by Staff and other parties. To date, Staff has tendered a total of 696 multi-part information requests ("IRs") to the Company; the Utility Intervention Unit of the Department of State, Division of Consumer Projection ("UIU") tendered 75 IRs; and MI tendered 87 IRs. Various other parties also tendered more limited volumes of IRs to the Company.

Administrative Law Judges ("ALJs") Anthony Belsito and Michael Clarke were appointed to conduct the rate proceedings to review the Company's rate filing. On October 6, 2020, the ALJs convened a Procedural and Technical Conference during which, among other things, a litigation schedule was proposed and adopted in a subsequent ruling.⁴ To provide customers with an opportunity to comment on the Company's rate proposals, two virtual public statement hearings were held via teleconference on October 28, 2020.

On or about December 22, 2020, direct testimony was filed by Staff; the Public Utility Law Project of New York, Inc. ("PULP"); MI; the New York Power Authority ("NYPA"); UIU; Bob Wyman; Jeanne Bergman; Citizens for Local Power ("CLP"); and Simon Strauss. On December 29, 2020, the Town of Saugerties filed direct testimony. On January 22, 2021, rebuttal testimony was filed by the Company; Staff; MI; NYPA; UIU and CLP.

³ Cases 20-E-0428 et al., Initial Suspension of Central Hudson's Major Rate Changes (Sept. 8, 2020). By notice issued on January 8, 2021, the Company's proposed tariff leaves were suspended through July 23, 2021. Cases 20-E-0428 et al., Notice of Further Suspension of the Effective Date of Major Rate Changes (Jan. 8, 2021).

⁴ Cases 20-E-0428 et al., Procedural Ruling (Oct. 14, 2020).

Consistent with the Commission's Settlement Guidelines⁵ and Title 16 of the New York Codes, Rules and Regulations ("NYCRR"), Section 3.9, the Company filed with the Commission and served on all parties a Notice of Impending Settlement Negotiations on January 29, 2021.⁶ Settlement negotiations began on February 4, 2021 and continued on March 3 and 10; April 7 and 29; May 25; June 24; July 1, 8, 12 and 19; and August 4, 9, 12, and 19.⁷ Participants included representatives of the Company, Staff, MI, PULP, UIU, CLP, NYPA, Alliance for a Green Economy, New York Geothermal, Dutchess County, energy service companies and other interested parties. Negotiations were held via Microsoft Teams video platform and teleconference. All settlement negotiations were subject to the Commission's Settlement Rules, 16 NYCRR Section 3.9, and the Commission's Settlement Guidelines.

On February 9, 2021, the ALJs issued a ruling which postponed the hearing that had been previously scheduled to commence on February 16, 2021 in light of the parties' settlement efforts.⁸ On March 31, 2021, the Company filed a letter with the Commission: 1) consenting to an extension of the suspension period through and including September 21, 2021, in light of ongoing settlement negotiations, subject to a "make-whole" provision that would keep the Company and its customers in the same

⁵ 32 NYPSC 71; Case 90-M-0255 et al., Proceeding on Motion of the Commission Concerning its Procedures for Settlement and Stipulation Agreements, filed in C11175, Opinion, Order and Resolution Adopting Settlement Procedures and Guidelines, Opinion 92-2 (Mar. 24, 1991) ("Settlement Guidelines").

⁶ Cases 20-E-0428 et al., Notice of Impending Settlement Negotiations (Jan. 29, 2021).

⁷ The settlement negotiations also included over 50 additional "working group" meetings on specific issues that were held with the consent of all parties.

⁸ Cases 20-E-0428 et al., Ruling Postponing Hearing and Revising Procedural Schedule (Feb. 9, 2021).

financial position they would have been absent the extension; and 2) requesting that the evidentiary hearings in these cases be postponed accordingly.⁹

On July 16, 2021, the Commission issued an Order extending the suspension period through and including September 21, 2021 and stating that the Company “shall be made whole for the period between the start of Rate Year One of the new rate plan and the date the Commission sets new rates, charges, rules, and regulations for the new rate plan in the final decision in these proceedings.”¹⁰ On that same date, the Company filed a letter with the Commission consenting to further extend the suspension period by an additional 60 days, i.e., through and including November 20, 2021, subject to a traditional “make-whole provision,” to facilitate settlement discussions.

B. The Sales Tax Refund Proceeding

On March 16, 2020, the Company filed a petition, pursuant to New York State Public Service Law (“PSL”) § 113(2) and 16 NYCRR 89.3, with the Commission regarding the disposition of a sales tax refund (the “Refund”) from the New York State Department of Taxation & Finance (“DT&F”).¹¹ The Refund was the result of a DT&F claim initiated by the Company, with the assistance of its tax consultant, for a reverse sales tax audit. In a Refund Claim Determination Notice dated October 16, 2019, the DT&F authorized the Refund of \$3,364,414.24. Central Hudson incurred incremental expenses of \$840,000 for the specialized expertise of the tax consultant in order to achieve this favorable outcome. In the Refund Petition, the Company requested

⁹ Cases 20-E-0428 et al., Maximum Suspension Period Extension Letter (Mar. 31, 2021).

¹⁰ Cases 20-E-0428 et al., Order Approving Extension of Maximum Suspension Period of Major Rate Filings at 5 (July 16, 2021).

¹¹ Case 20-M-0134 - Petition of Central Hudson Gas & Electric Corporation for Approval, Pursuant to Public Service Law, Section 113(2), of a Proposed Disposition of Sales Tax Refund, Petition (Mar. 16, 2020 (the “Refund Petition”).

Commission approval to retain approximately 18% of the Refund. ALJ Sean Mullany was assigned to oversee the Sales Tax Refund Proceeding.

On August 12, 2021, a Notice of Impending Settlement Negotiations was filed in both the Company's rate proceedings, Cases 20-E-0428 and 20-G-0429, and the Sales Tax Refund Proceeding, Case 20-M-0134, stating that in connection with the previously noticed settlement discussions in the rate proceedings, the Company and Staff had agreed to conduct confidential settlement negotiations regarding the Refund Petition. All parties in both the rate proceedings and the Sales Tax Refund Proceeding were served.

C. The Settlement

The settlement negotiations were successful and have resulted in this JP between the Company, Staff, MI, PULP, UIU, AGREE, Dutchess County, NYPA, NY-GEO, Family Energy, Inc., Marathon Power LLC, M&R Energy Resources Corporation and other parties, which is presented to the Commission for its consideration. The Signatory Parties have developed a comprehensive set of terms and conditions for a three-year rate plan for Central Hudson's electric and gas services. The terms of this Proposal, as set forth below and in the attached Appendices, balance the varied interests of the Signatory Parties while mitigating rate impacts to customers, and address the Climate Leadership and Community Protection Act while ensuring the Company's ability to continue to provide safe and reliable service.

Pursuant to the settlement discussions, the Signatories recommend that the rates and surcharges of Central Hudson be determined in accordance with the following understandings, principles, qualifications, terms and conditions set forth in this JP and in the attached Appendices.

III. TERM AND EFFECTIVE DATE OF RATE CHANGES

The term of this JP is three years, commencing July 1, 2021 and continuing until June 30, 2024. Agreement among the Signatories to the start of the term resulted from the settlement negotiations. The three successive 12-month periods, or Rate Years, ending on June 30 shall be referred to as “Rate Year 1,” “Rate Year 2,” and “Rate Year 3.” The JP sets out the terms for Rate Year 1 (July 1, 2021 through June 30, 2022). Rate Year 2 (July 1, 2022 through June 30, 2023) and Rate Year 3 (July 1, 2023 through June 30, 2024) will follow the same structure as Rate Year 1 at revenue and expense amounts agreed to by the Signatories and as set out in the JP and related appendices. The provisions of Rate Year 3 will, unless otherwise specified herein, remain in effect until superseding rates and/or terms become effective.

Nothing herein precludes Central Hudson from filing a new general electric or gas rate case prior to June 30, 2024, for rates to be effective on or after July 1, 2024. The Company will not initiate rate changes to become effective prior to July 1, 2024, subject to certain exceptions as discussed in Section XXV.A of this JP.

IV. REVENUE REQUIREMENTS

A. Revenue Requirements

The revenue requirements for Rate Year 1, Rate Year 2, and Rate Year 3 are shown in the Electric and Gas Income Statements set forth in Appendix A.

B. Delivery Revenue Decreases / Increases

The base delivery revenue (decreases)/increases are displayed in the table below.

Delivery Revenue Decrease/Increase			
	Rate Year 1 (\$000,000)	Rate Year 2 (\$000,000)	Rate Year 3 (\$000,000)
Electric	\$(3.0)	\$19.0	\$20.1
Gas	\$4.6	\$6.1	\$6.2

C. Electric Bill Credits

The electric rate change in Rate Year 1 is a delivery rate decrease of \$3.0 million, however, the Signatory Parties have agreed to reflect a rate decrease of only \$1.0 million in Rate Year 1 in order to provide additional rate moderation in subsequent rate years of \$2.0 million. This will be accomplished through a bill surcharge of \$2.0 million in Rate Year 1, which will be used to partially offset the rate increase in Rate Year 2. To achieve rate moderation in Rate Years 2 and 3, electric bill credits of \$9.5 million in Rate Year 2 and \$21.5 million in Rate Year 3 will be applied using available regulatory liabilities, inclusive of the above referenced \$2.0 million. The bill credit will be allocated to each service class in proportion to class responsibility for the delivery rate increase, exclusive of the legacy hydro revenue imputation. The allocated credits will be refunded to customers on kilowatt-hour or kilowatt basis through the existing Electric Bill Credit Mechanism.

D. Gas Bill Credits

To achieve rate moderation, gas bill credits of \$0.8 million in Rate Year 1, \$3.2 million in Rate Year 2 and \$5.6 million in Rate Year 3 will be applied using available regulatory liabilities. The bill credits will be allocated to each service class in proportion to class responsibility for the overall delivery rate increase. The allocated credits will be refunded to customers on a Ccf basis through the existing Gas Bill Credit Mechanism.

E. Delivery Revenue and Total Bill Decreases/Increases After Moderation

After applying the rate moderation described in Sections IV.C and IV.D, the resulting delivery revenue decreases/increases are shown in the table below:

	ELECTRIC			GAS		
(\$000,000)	RY1	RY2	RY3	RY1	RY2	RY3
Revenue Requirements (Including Rev Tax)	\$(3.1)	\$19.5	\$20.7	\$4.7	\$6.3	\$6.4
% on Delivery Revenues	-0.8%	4.8%	4.8%	3.8%	4.8%	4.6%
% on Total Revenues	-0.4%	2.8%	2.9%	2.3%	2.9%	2.9%
Use of Moderation	\$2.0	\$(9.5)	\$(21.5)	\$(0.8)	\$(3.2)	\$(5.6)
Prior Year Moderation Reversal	\$-	\$(2.0)	\$9.5	\$-	\$0.8	\$3.2
Revenue Requirement After Moderation	\$(1.1)	\$8.0	\$8.7	\$3.9	\$3.9	\$4.0
% on Delivery Revenues After Moderation	-0.3%	2.0%	2.0%	3.2%	2.9%	2.9%
% on Total Revenues After Moderation	-0.2%	1.2%	1.2%	1.9%	1.8%	1.8%

F. Make Whole Provision

Because Commission approval of this Proposal will occur after July 1, 2021, Central Hudson will recover the revenue shortfall resulting from the extension of the suspension period through a make whole provision. The make whole provision is designed to ensure that, by June 30, 2022, Central Hudson is restored to the same financial position had new delivery rates gone into effect on July 1, 2021.

The Company will calculate any revenue adjustments as the difference between: (1) sales revenues the Company would have billed at new rates during the extension of the suspension period beginning July 1, 2021; and (2) the same level of sales revenues for the concurrent period at current rates. The revenue adjustments would include all applicable surcharges and carrying charges and would be subject to reconciliation in accordance with all applicable adjustment mechanisms and will be collected or refunded over the remainder of Rate Year 1 measured from the date new rates are billed. The

make whole will be recovered or refunded through the existing Miscellaneous rate component for electric and gas surcharge. An example is set forth in Appendix B.

V. ACCOUNTING MATTERS

A. Net Plant Targets (Excluding Enterprise Resource Planning (“ERP”) Phase III), Reconciliation, Deferral Accounting and Reporting Requirements

1. Components of Net Plant

Actual Net Plant and the Net Plant Targets have four components: (1) the Average Electric or Gas Net Plant; (2) the Average Electric or Gas Non-Interest Bearing Construction Work in Progress; (3) the Average Common Net Plant allocated to Electric or to Gas; and (4) the Average Common Non-Interest Bearing Construction Work in Progress allocated to Electric or to Gas.

2. Electric and Gas Net Plant Targets (Excluding ERP Phase III)

The electric and gas revenue requirements for Rate Year 1, Rate Year 2, and Rate Year 3 are based on the net plant and depreciation expense targets set forth in Appendix C, Schedule 1. These targets are applicable only to the time periods specified and not any subsequent period, notwithstanding any other provision of this JP. The actual average electric and gas net plant balances and depreciation expense at the end of each Rate Year will be calculated using the calculation methods described in Appendix C, Schedule 2.

3. Net Plant Target Reconciliations

The actual electric and gas net plant and depreciation expense will be reconciled to the combined electric and gas net plant and depreciation expense targets for Rate Year 1, Rate Year 2, and Rate Year 3 on an annual Rate Year basis. The revenue requirement impact (i.e., return and depreciation as described in Appendix C) resulting

from the total difference (whether positive or negative) in actual average net plant balances and depreciation expense and the combined target levels will carry forward for each of the Rate Years and will be summed algebraically at the end of Rate Year 3.

4. Deferral for the Benefit of Ratepayers

If at the end of Rate Year 3 the cumulative incremental revenue requirement impact from net plant and depreciation expense differences is negative, the Company will defer the revenue requirement impact for the benefit of customers. If at the end of Rate Year 3 the cumulative revenue requirement impact is positive, no deferral will be made. Carrying charges at the pre-tax rate of return ("PTROR") will be applied by the Company to the amount deferred from the end of Rate Year 3 until the effective date of the Company's next rate order.

5. Capital Expenditures Reporting Requirements

The Company will continue to provide Staff by March 1 of each year a report on its capital expenditures during the prior calendar year using a format similar to that presented in Appendix E to this JP. In addition, the Company will continue to file its five year capital investment plan with the Secretary to the Commission ("Secretary") annually by July 1. The annual report will include an explanation of any cost variance between the approved budget and an actual expenditure greater than 10% for any single project identified in the Company's Major Capital Project Report shown in Appendix E, Sheet 1. The three-year capital investment plan agreed to in this Proposal is set forth in Appendix X.

The Company will file with the Secretary quarterly capital variance reports within 45 days of the end of each quarter using a format similar to that presented in Appendix

E, Sheet 2. In lieu of a report for the fourth quarter, the Company will submit an annual report within 60 days of the end of the calendar year.

Unless expressly stated in this JP, nothing in this JP is intended to alter the Company's flexibility during the term hereof, to alter the timing of, substitute, change, or modify its capital projects.

B. ERP Phase III Deferral, Reconciliation, Deferral Accounting and Reporting Requirements

1. Electric and Gas ERP Phase III Targets

The Company will calculate an individual reconciliation with separate net plant, depreciation, and operating and maintenance ("O&M") expense targets with downward-only reconciliation. The specific targets for this project are as set forth in Appendix D, Schedule 1.

2. Reconciliation to ERP Phase III Targets and Deferral

The net plant, depreciation and O&M costs for the ERP Phase III project are subject to a cumulative cap ("ERP Cap") with the reconciliation calculated upon final completion of the project. At the end of the term of the project, in the event that the overall ERP Phase III net plant, depreciation and O&M costs are less than the ERP Cap, the operation of the net plant and O&M reconciliation mechanism will create a benefit for customers. The final reconciliation will be calculated using the calculation methods described in Appendix D, Schedule 3.

3. Reporting Requirements

a) ERP Phase III Project Reporting

i. Initial Program Report

The Company will file within 45 days of the start of Rate Year 2 an Initial Program

Report that outlines the Company's strategy to replace the remaining portions of the ERP Phase III Mainframe in two waves (Wave 1 – Finance, Wave 2 – EWAM). The Initial Program Report will include the initial program roadmap, each Wave's timeline, estimated budget and scope of each Wave.

The timeline will outline the estimated time to complete each Wave within the Program and the estimated dates of each Wave's major milestones.

The Company will develop the budget estimates for each Wave through a Request for Proposal ("RFP") process prior to commencement of each Wave. Any variances to the Initial Program Report's budget estimates will be provided in the subsequent Quarterly Program Report, as discussed below.

The scope will outline which of the existing ERP Mainframe processes are expected to be included within each respective Wave of the program. Scopes for each Wave will be finalized during the Blueprint milestone of each Wave and will be included in the subsequent Quarterly Program Report.

ii. Quarterly Program Report

A Quarterly Program Report will be filed 45-days after the conclusion of each calendar quarter, beginning the first quarter after the filing of the Initial Program Report and concluding when the project is fully implemented. This report will provide a summary of the progress and status of the program to-date, including any variances in scope, timeline and/or budget as compared to the Initial Program Report. The Quarterly Program Report will also include notification of the completion of the milestones established in the Initial Program Report. Major milestones include Plan, Blueprint, Solution Development, Testing, Cutover/Go-Live, Stabilization, and Benefits Realization.

iii. Annual Report

Beginning in 2023, the Company will file an annual report by March 1st each year throughout the term of the project that describes the Company's progress on the ERP Phase III Project in the preceding calendar year. This Annual Report will be filed in lieu of the fourth quarter Quarterly Program Report.

C. Deferral Accounting¹²

1. Continuing Deferrals

Except as expressly modified within this JP, the Company is authorized to continue its use of all continuing accounting deferrals for revenues, expenses and costs as specified in the 2018 Rate Plan applicable in Rate Year 3 of that rate plan or for which Commission authorization for deferral accounting is currently effective whether by reason of a Commission order, policy of general applicability, or a Commission determination with specific reference to the Company.

Without limiting the foregoing, the accounting deferrals applicable in Rate Year 3 from the 2018 Rate Plan or otherwise noted above include the following expenses and costs that will continue without modification:

- a) Incremental costs of litigation regarding claims of exposure to asbestos at Company facilities;
- b) Deferred Temporary Metro Transit Bus Tax Surcharge;
- c) FAS 109;
- d) Interest Costs on New Issuances of Long-Term Debt for Rate Years 2 and 3;

To account for uncertainty in regard to the forecasted long-term debt cost rate of

¹² All deferral authority referenced in the JP is without application of the Commission's traditional three-part test for deferral accounting or deferral petition requirements.

new debt, the Rate Year 2 and Rate Year 3 actual embedded average cost rates of long-term debt (fixed and variable rate debt) will be reconciled to the forecasted rates of 3.93% in Rate Year 2 and 3.89% in Rate Year 3 as shown in Appendix J, Schedule 2. At the end of each applicable Rate Year, the forecasted new debt amounts and cost rates will be updated with actual new debt and cost rates. The resulting difference between the actual embedded average cost rates of long-term debt and the forecasted average cost rate of long-term debt, using Appendix J, Schedule 2, will be multiplied by the respective forecasted electric and gas rate base amounts illustrated in Appendix A and the forecasted long-term debt ratio percentages illustrated in Appendix J, Schedule 1. This will result in the forecasted amount of long-term debt for each department (electric and gas), in each of Rate Year 2 and 3, being multiplied by the change in the average cost rates of long-term debt relative to 3.93% in Rate Year 2 and 3.89% in Rate Year 3. The amounts so measured will be deferred for future recovery, or returned to customers, with carrying charges at the PTROR. The long-term debt deferral calculation methodology is illustrated in Appendix F, Schedule 5;

e) Interests Costs on Existing Variable Rate Debt;

In all three Rate Years, the actual interest rate of existing variable rate debt, consisting of the 1999 New York State Energy Research and Development Authority (“NYSERDA”) Series B issuance or its successor and the 2014 Series E or its successor, will be reconciled to the interest rates shown in Appendix J, Schedule 2 and the difference will be reflected in the updated average cost of long-term debt and the updated weighted average cost of debt for the respective Rate Year. In the event the 1999 NYSERDA Series B issuance or its successor and the 2014 Series E or its successor are refinanced, the Company is permitted to defer and amortize the costs

associated with its new debt, subject to conditions in any financing order issued by the Commission;

- f) Commission Initiated or Required Management and Operation Audit Costs;
- g) Deferral of Environmental Site Investigation and Remediation ("SIR") Costs;
- h) Net Lost Revenues associated with the Merchant Function Charge ("MFC");
- i) Net Plant and Depreciation Targets as described in Section V.A;
- j) Post Employment Benefits Other than Pensions ("OPEBs") under Accounting Standards Codification Topic 715 (formerly Statement of Financial Accounting Standards No. 106);
- k) Pension Expense under Accounting Standards Codification Topic 715 (formerly Statement of Financial Accounting Standards No. 87);
- l) Pension and OPEB Reserve Carrying Charges;

The Company is authorized to accrue carrying charges at the PTROR on the difference between actual Pension and OPEB reserve levels compared to the reserve levels included in the development of rate base used to establish delivery rates;

- m) Funded Status Adjustment of Pension/OPEB Plans;

The Company is authorized to defer any over/under funded status of the plan at each year-end with an offsetting asset or liability on the balance sheet;

- n) Property Taxes;

The deferral set forth in the 2018 Rate Plan for property taxes will continue. For each Rate Year, the difference between the rate allowance for property tax expense (including school, county, city, town, village and special franchise) and actual property tax expense on a Rate Year basis will be deferred for future recovery, or returned to

customers, with carrying charges at the PTROR. Differences will be shared 90/10 between customers and the Company, respectively; provided, however, that the Company's pre-tax loss or gain will be limited to five basis points ("BPs") per (electric and gas) department for each Rate Year;

- o) Commodity-Related Deferrals (Purchased Electric Costs and Purchased Gas Costs);
- p) Research and Development costs under Commission Technical Release No. 16;
- q) Clean Energy Fund costs (including expired Renewable Portfolio Standards ("RPS"), Energy Efficiency Portfolio Standard ("EEPS") and System Benefits Charge ("SBC"));
- r) Stray Voltage – Testing and Mitigation Costs;
- s) Asset Retirement Obligation Depreciation and Accretion Expense;
- t) Reforming the Energy Vision ("REV") Demonstration Projects;

The Company may defer the revenue requirement effect¹³ of REV demonstration projects up to 0.5% of the delivery service revenue requirement, or the revenue requirement associated with capital expenditures of \$10 million, whichever is larger;

- u) Incremental Costs Associated with Case 14-M-0101;
- v) Credit/Debit Card Fees and Walk-In Center Fees;
- w) Deferred Unbilled Revenues;
- x) Deferred Vacation Pay Accrual;
- y) External Rate Case Expense;
- z) Energy Efficiency Exemptions;
- aa) Federal Emergency Management Agency Grant Microgrid Project Funds;

¹³ For purposes of the JP, unless otherwise expressly defined, revenue requirement effect includes, revenue, expense, return on capital expenditures, depreciation, applicable property taxes and any other associated taxes, and fees.

- bb) Low Income Bill Discount Program / Energy Affordability Program;
- cc) Low Income Waiver of Reconnection Fee;
- dd) Non-Pipe Alternative Deferral;
- ee) Non-Wire Alternative Programs;
- ff) Right of Way Maintenance Tree Trimming Costs – Transmission and Distribution;

There will be an annual reconciliation for Central Hudson's cyclical distribution and transmission vegetation management programs and the EAB Danger Tree Program. The true-up provides the Company the flexibility of allowing specified dollar amounts to be moved between Rate Years. The vegetation management program true-ups, which will apply to each program separately, are described below;

- i. Distribution Vegetation Program

- 1. Rate Year 1

The Company may defer funds from under-spending the Rate Year 1 allowance by an amount less than or equal to \$1 million for use in Rate Year 2. If the Company underspends by an amount greater than \$1 million, the Company may defer \$1 million for use in Rate Year 2 and the remaining underspend will be deferred for ratepayer benefit. To provide flexibility, the Company may overspend the Rate Year 1 allowance by an amount less than or equal to \$1 million, and defer the overspend to Rate Year 2, thereby reducing the Company's Rate Year 2 allowance.

- 2. Rate Year 2

The Company may defer funds from under-spending the Rate Year 2 allowance and any dollars deferred from Rate Year 1 by an amount less than or equal to \$1 million

for use in Rate Year 3. If the Company underspends by an amount greater than \$1 million, the Company may defer \$1 million for use in Rate Year 3 and the remaining underspend will be deferred for ratepayer benefit. To provide flexibility, the Company may overspend the Rate Year 2 allowance and any dollars deferred from Rate Year 1 by an amount less than or equal to \$1 million, and defer the overspend to Rate Year 3, thereby reducing the Company's Rate Year 3 allowance.

3. Rate Year 3

If the Company underspends the Rate Year 3 allowance and any dollars deferred from Rate Year 2, all of the underspent dollars will be deferred for ratepayer benefit. There will be no deferral of funding past Rate Year 3. An example is set forth in Appendix F, Schedule 3.

For the avoidance of doubt, certain over- or under-spend in Rate Year 1 and Rate Year 2 is authorized for accounting deferral treatment to the subsequent period. In Rate Year 3 any under-spend is authorized for accounting deferral treatment to the subsequent period. Carrying charges at the PTROR will be applied by the Company to the amount deferred from the end of Rate Year 3 until the effective date of the Company's next rate order. Carrying charges will not apply during Rate Year 1 and Rate Year 2.

ii. Transmission Vegetation Program

1. Rate Year 1

The Company may defer funds from under-spending the Rate Year 1 allowance by an amount less than or equal to \$500,000 for use in Rate Year 2. If the Company underspends by an amount greater than \$500,000, the Company may defer \$500,000 for use in Rate Year 2 and the remaining underspend will be deferred for ratepayer

benefit. To provide flexibility, the Company may overspend the Rate Year 1 allowance by an amount less than or equal to \$500,000, and defer the overspend to Rate Year 2, thereby reducing the Company's Rate Year 2 allowance.

2. Rate Year 2

The Company may defer funds from underspending the Rate Year 2 allowance and any dollars deferred from Rate Year 1 by an amount less than or equal to \$500,000 for use in Rate Year 3. If the Company underspends by an amount greater than \$500,000, the Company may defer \$500,000 for use in Rate Year 3 and the remaining underspend will be deferred for ratepayer benefit. To provide flexibility, the Company may overspend the Rate Year 2 allowance and any dollars deferred from Rate Year 1 by an amount less than or equal to \$500,000, and defer the overspend to Rate Year 3, thereby reducing the Company's Rate Year 3 allowance.

3. Rate Year 3

If the Company underspends the Rate Year 3 allowance and any dollars deferred from Rate Year 2, all of the underspent dollars will be deferred for ratepayer benefit. There will be no deferral of funding past Rate Year 3. An example is set forth in Appendix F, Schedule 3.

For the avoidance of doubt, certain over- or under-spend in Rate Year 1 and Rate Year 2 is authorized for accounting deferral treatment to the subsequent period. In Rate Year 3 any under-spend is authorized for accounting deferral treatment to the subsequent period. Carrying charges at the PTROR will be applied by the Company to the amount deferred from the end of Rate Year 3 until the effective date of the Company's next rate order. Carrying charges will not apply during Rate Year 1 and Rate Year 2.

gg) Revenue Requirement Effect of Energy Storage Projects¹⁴;

hh) CDG Consolidated Billing Deferral¹⁵;

ii) Deferred Unrealized Losses/Gains on Derivatives;

jj) Earnings Adjustment Mechanisms (“EAMs”) – Electric;

The Company is authorized to recover from customers incentives earned related to EAM targets met;

kk) EAMs – Gas;

The Company is authorized to recover from customers incentives earned related to EAM targets met;

ll) Electric Vehicles (“EVs”) – Time of Use (“TOU”);¹⁶

The Company is authorized to defer the revenue requirement associated with the incremental cost of TOU meters. During the term of this Rate Plan, if the deferred balance reaches \$50,000, it will be included in the Miscellaneous surcharge for recovery from SC 1 and SC 6 customers over a one-year period beginning the first billing batch of the subsequent February or August. If the deferred balance does not reach \$50,000, it will be included in the balance sheet offset process in the Company’s next rate proceedings;

mm) EVs – Fast Charge Incentive;

¹⁴ Case 17-E-0459 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service. Order Approving Rate Plan (June 14, 2018) Attachment 1 - Joint Proposal at page 28.

¹⁵ Case 19-M-0463 – In the Matter of Consolidated Billing for Distributed Energy Resources. Order Regarding Consolidated Billing for Community Distributed Generation (December 12, 2019) at page 19.

¹⁶ Case 18-E-0206 – Tariff filings to Effectuate the Provisions of Public Service Law Section 66-o (Residential Electric Vehicle Charging Tariff). Order Rejecting Tariff Filings and Directing Tariff Revisions (November 15, 2018) at page 10.

In accordance with Case 18-E-0138, the Company will continue its deferral of the \$4.4 million provided by NYSERDA, as well as the surcharge billed to customers during calendar year 2020 that did not contribute to the SBC. Amounts spent to fund the fast charging stations' annual incentive payments will be deferred as a reduction of this balance;

nn) Integrated Energy Data Resource Costs¹⁷;

oo) Rate Moderator – Electric;

pp) Rate Moderator – Gas;

qq) Rate Adjustment Mechanisms – Electric; and

rr) Rate Adjustment Mechanisms – Gas.

2. Modified Deferrals

The following deferrals from the 2018 Rate Plan are modified:

a) Earnings Sharing Mechanism;

The Earnings Sharing Mechanism has been modified as set forth in Section VII herein.

b) Economic Development;

Economic Development expenditures will be first charged against the existing pre-funded deferred balance (PSC Account 254.70) until such pre-funded balance is exhausted. This balance was pre-funded by Fortis and is not subject to carrying charges pursuant to Case 12-M-0192. Once the pre-funded deferred balance (PSC Account 254.70) is depleted, Economic Development expenditures will be charged

¹⁷ Case 20-M-0082 – Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Implementing an Integrated Energy Data Resource (February 11, 2021) at pgs. 17-22.

against the funding provided by the established rate allowance. The Company will defer the difference between actual Economic Development expenditures and the rate allowance levels, with any resulting deferral balance subject to carrying charges at the PTROR.

c) Governmental, Legislative and Other Regulatory Actions;

The Company is authorized to defer the revenue requirement effect of any governmental, legislative, accounting, regulatory, tax or applicable tax rates, fees,¹⁸ government-mandated action or other regulatory actions in a Rate Year whose impact in aggregate is greater than 10 BPs for either the gas department or the electric department, with carrying charges at the PTROR.

d) Electric RDM;

The electric RDM will continue as approved in the 2018 Rate Plan with modification. Modifications to the RDM include expansion to include SC 13, the inclusion of electric bill credits in the reconciliation, and the elimination of the proration adjustment in the second month of the Rate Year. Further, funding of the Geothermal Rate Impact Credit (“GRIC”) through the Electric RDM will be eliminated. For additional detail, refer to Section XII.B of this JP and Appendix O.

e) Gas RDM;

The Gas RDM will continue as approved in the 2018 Rate Plan with modification. Modifications to the RDM include expansion to include SC 11 (transmission, distribution, and distribution large mains), a transition of the RDM structure from a revenue per

¹⁸ For purposes of this Section, the term “fees” is defined as charges (however they may be labelled), imposed by state, local, municipal, quasi-governmental entities, or special districts on the Company and/or their operations. Examples include but are not limited to franchise fees, special franchise fees, permit fees, road use fees, or other special use charges.

customer model to a revenue per class model, similar to the Electric RDM. Further, gas bill credits will be included in the reconciliation, and the proration adjustment in the second month of the Rate Year will be eliminated. For additional detail, refer to Section XII.C of this JP and Appendix O.

f) Danskammer Gas Revenues;

Based upon recent historical revenues, the revenue requirement has been updated to include an imputation of \$1.5 million of forecasted Danskammer revenues. Danskammer SC 11 gas delivery revenue will no longer be applied as a rate moderator through gas bill credits. The Company will defer the amount of actual revenues above or below this revenue imputed into base delivery rates for future pass back/collection from customers.

g) Platform Service Revenues;

The Company will defer 80% of the Company's share of the revenue earned from sales through the Community Distributed Generation Marketplace ("CDGM") platform for the benefit of customers. The CenHub platform has been discontinued.

h) Major Storm Reserve as described in Appendix U;

i) Electric and Gas Energy Efficiency;

In accordance with the Order in Case 18-M-0084, the Company is authorized to defer over/under spending compared to the rate allowance plus the funding that the Company had available from other existing regulatory liabilities, with the ability to defer overspending capped at the cumulative NENY budgets through 2025. The difference between funding and spending for each program will be deferred until new rates are established or the deferral is superseded or expressly revoked by the Commission.

Beginning July 1, 2021, carrying charges at the PTROR will be applied to the cumulative amount deferred to-date.

j) Revenue Requirement Effect of Cloud-Based or Software as a Service (“SaaS”) Solutions;

The Company is authorized to defer the revenue requirement effect of variations resulting from software solutions chosen that require a different accounting treatment under Financial Accounting Standards Board (“FASB”) standards compared to amounts assumed in the establishment of revenue requirements. The revenue requirement for purposes of this deferral includes IT operating expense for the service costs estimated related to one project (Contact Center Interactive Voice Response (“IVR”)) for which the future solution is unknown but was assumed to be cloud based and not qualify as capital. If the solution chosen does qualify as capital and the service costs are included in Plant in Service, the IT operating expense included in rates associated with the service costs (excluding maintenance) will be deferred for future return to customers. At the same time, the actual capitalized license costs would be excluded in the calculation of actual Net Plant and the associated revenue requirement effect (return on and return of) would be deferred as a reduction to this deferral. Any resulting regulatory asset or liability balance would be subject to carrying charges at the PTROR and would be settled in future rate proceedings. An example is set forth in Appendix F, Schedule 2.

In the event that a deferral is recorded, the Company will file a notice with the Secretary that identifies the project and calculates the deferral, including adjustments for purposes of measuring the net plant targets. This notice will be in lieu of a deferral petition and would not be subject to the Commission’s traditional three-part deferral test or its successor.

k) EV Make Ready Program Light Duty – Incremental O&M and
Capital Costs;

The Company is authorized to defer actual O&M costs (e.g. incentives rebated for customer-owned make-ready work, implementation costs, allowable non-utility side futureproofing) associated with the EV Make Ready Program. In addition, the Company is authorized to defer the revenue requirement effect (return and depreciation) of Company make-ready capital expenditures, excluding any New Business related capital expenditures. Consistent with the Commission's Order Establishing Electric Vehicle Infrastructure Make-Ready Program and Other Programs issued in Case 18-E-0138, the Company will recover these deferred costs through a surcharge. Utility-owned make-ready work shall be excluded from the plant in service reconciliation.

New Business capital expenditures associated with this program were not included in the Company's capital forecast or in the determination of Rate Base, and therefore, are not reflected in the determination of revenue requirements. As such, consistent with the Order in Case 18-E-0138, to the extent that the Company exceeds its Net Plant targets, the revenue requirement effect (return and depreciation) of New Business capital expenditures specific to this program will be deferred for future collection. Carrying charges, if applicable, will be at the PTROR.

l) EV Medium/Heavy Duty Pilot Program – Incremental O&M and
Capital Costs;

Consistent with the recovery authorized for EV Make-Ready Program - Light Duty the Company is authorized to defer actual O&M costs (e.g. incentives rebated for customer-owned make-ready work, implementation costs, allowable non-utility side futureproofing) associated with the EV Make Ready Program. In addition, the Company

is authorized to defer the revenue requirement effect (return and depreciation) of Company make-ready capital expenditures, excluding any New Business related capital expenditures. Consistent with the Commission's Order Establishing Electric Vehicle Infrastructure Make-Ready Program and Other Programs issued in Case 18-E-0138, the Company will recover these deferred costs through a surcharge. Utility-owned make-ready work shall be excluded from the plant in service reconciliation.

New Business capital expenditures associated with this program were not included in the Company's capital forecast or in the determination of Rate Base, and therefore, are not reflected in the determination of revenue requirements. As such, consistent with the Order in Case 18-E-0138, to the extent that the Company exceeds its Net Plant targets, the revenue requirement effect (return and depreciation) of New Business capital expenditures specific to this program will be deferred for future collection. Carrying charges, if applicable, will be at the PTROR.

3. Expiring Deferrals

The accounting deferrals for the following revenues, expenses and costs will expire on the effective date of a Commission order in these proceedings:

- a) Consumer Product Electrification (formerly Carbon Reduction Program);
- b) Director Fees (Included in Miscellaneous General element of expense);
- c) Gas Leak Prone Pipe (Positive Revenue Adjustment "PRA")) – Miles Above Target;
- d) Gas Leak Prone Pipe (Revenue Requirement) – Cost per Mile Above Target;
- e) Gas Methane Detection Plan/First Responder Training Program;
- f) Gas Leak Repair Backlog Incentive (PRA) – Type 3 Leaks;
- g) Low Income Program – Arrears Forgiveness;

- h) SC 8 Street Lighting Deferral;
- i) Tax Cuts and Jobs Act of 2017 (Tax Reform Act); and
- j) Training Center and Primary Control Center.

4. New Deferrals

The following new deferrals are added:

- a) Call Volume Overflow Cumulative Expense - One-Way Downward-Only Deferral;

The Signatories agree that funding for the incremental Call Volume Overflow expense of \$1.5 million will be collected evenly over the term of the Rate Plan (i.e. \$500,000 in each Rate Year). At the end of Rate Year 3, actual Call Volume Overflow expense will be compared to the cumulative authorized rate allowance, and the Company will defer any underspending up to \$1.5 million for future return to customers. Any over/underspending in Rate Year 1 and Rate Year 2 will be reconciled at the end of the three-year term. The deferred balance will accrue carrying charges at the Company's PTROR. An illustrative example of how this deferral would work is provided in Appendix F, Schedule 4.

- b) Lost Revenues (Finance Charges and Reconnection Fee Revenues);

Due to the impacts of the COVID-19 pandemic, the Company is authorized to defer actual finance charge and reconnection fee revenues, offset by any related net expense savings, above or below the levels included in the final revenue requirement in a Rate Year if the impact is greater than 10 BPs of return on common equity for either the gas department or the electric department with carrying charges at the PTROR.

- c) Uncollectible Write-offs;

Due to the impacts of the COVID-19 pandemic, the Company is authorized to defer any differences above or below the actual 12 months of net write-offs experienced as compared to the 12 months of billed uncollectibles, offset by any related net expense savings, in a Rate Year if the impact is greater than 10 BPs of return on common equity for either the gas department or the electric department with carrying charges at the PTROR. The amount of billed uncollectibles is defined as: (1) bad debt billed through commodity related costs; (2) bad debt billed through surcharges; and (3) the uncollectible write-off rate allowance included in delivery rates.

d) COVID-19 Incremental O&M Costs Net of Savings;

The Company is authorized to defer the net incremental costs associated with the COVID-19 pandemic in a Rate Year if the impact is greater than 10 BPs of return on common equity for either the gas department or the electric department with carrying charges at the PTROR. Net incremental costs are defined as incremental O&M costs net of savings.

e) ESCO Cash-Out – Software Implementation Costs;

The Company is authorized to defer the revenue requirement effect, up to \$125,000, for implementation of software changes necessary to enable proposed changes to the ESCO cash-out process as agreed to by the Signatory Parties.

f) FERC Hydroelectric Jurisdictional Proceedings;

The Company is authorized to defer incremental O&M expenses and the revenue requirement effect on incremental capital spending incurred in a Rate Year as a result of FERC proceedings concerning hydroelectric facilities when the total impact is greater than 10 BPs of return on common equity for the electric department, subject to carrying charges at the PTROR. In conjunction with this deferral, to the extent the Company

implements incremental capital related to any such proceeding, the balance will be reduced from actual electric net utility plant prior to the comparison to the Net Plant targets for the purposes of calculating the net plant deferral since the revenue requirement effect is being deferred for future recovery separately.

g) Geothermal District Energy Loop Initiative;

The Company is authorized to defer the revenue requirement effect associated with a Geothermal District Loop Feasibility Study up to \$250,000. The Company would be authorized to defer any incremental revenue requirement effect associated with a Geothermal District Loop project beyond the feasibility study following Staff approval of the project through the existing REV demonstration process¹⁹.

h) Heat Pump Program;

In accordance with the Order in Case 18-M-0084, the Company is authorized to defer over/under spending compared to the rate allowance plus the funding that the Company had available from other existing regulatory liabilities, with the ability to defer overspending capped at the cumulative NENY budgets through 2025. The difference between funding and spending for the heat pump program will be deferred until new rates are established or the deferral is superseded or expressly revoked by the Commission. Beginning July 1, 2021, carrying charges at the PTROR will be applied to the cumulative amount deferred to-date.

i) Legacy Hydro Revenue (Deferral Treatment);

The revenue requirement includes a level of \$2.1 million revenue/benefit from

¹⁹ Case 14-E-0318 – Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service. Order Approving Rate Plan (June 17, 2015) Attachment A - Final Joint Proposal at pages 23-24.

legacy hydro generation. The Company will defer actual monthly revenue/benefit above or below 1/12th of the imputed Rate Year revenue/benefit. This amount will be refunded to or collected on all deliveries through the Miscellaneous Charge Component of the Energy Cost Adjustment Mechanism (“ECAM”) on a current month basis. The deferral will be recorded within the existing ECAM regulatory asset deferral and included in the associated working capital calculation. As such, separate carrying charges are not applicable. More specific discussion regarding the treatment of Legacy Hydro Generation is set forth in Appendix Y.

j) Net Plant and O&M Reconciliation - ERP Phase III;

There will be a combined reconciliation for ERP Phase III specific net plant, depreciation, and O&M expenses with a downward-only reconciliation and related status reporting for the ERP Phase III project as set forth in Section V.B. above.

k) ERP Phase III O&M Deferral and Amortization;

Operating expenses associated with the ERP Phase III project, up to the established cap as outlined in the preceding deferral, will be deferred as a regulatory asset as incurred and will be collected over a 15-year period coincident with the life of the asset. The amortization of costs begins in July 1, 2023, and the rate allowance will be recorded as a reduction to deferred expenses. The net regulatory asset will accrue carrying charges at the Company’s PTROR.

l) NYS Corporate Tax Change;

The revenue requirement reflects the New York State budget bill enacted in April 2021. If legislation is extended or amended and the Company continues to be subject to a capital-based tax in 2024, the Company will defer this incremental tax expense for future collection from customers. Additionally, if the legislation is amended or extended

with regards to the corporate income tax rate, the Company will defer for future return to or recovery from customers the revenue requirement effect of (1) the change in income tax rate on current tax expense, if any, as well as (2) the re-statement of deferred tax asset and liability balances. These balances will be subject to carrying charges at the PTROR beginning with the date the taxes are paid or balances are re-stated.

m) Safety of Gas Transmission Pipelines Final Rule;

The Company is authorized to defer all incremental costs (O&M and return on/of capital) associated with the Safety of Gas Transmission Final Rules beyond the \$300,000 for External Corrosion Direct Assessment ("ECDA") testing costs that is embedded in O&M expense annually in Rate Year 1, Rate Year 2, and Rate Year 3. In conjunction with this deferral, to the extent the Company implements incremental capital related to this proceeding, the balance will be reduced from actual electric net utility plant prior to the comparison to the Net Plant targets for the purposes of calculating the net plant deferral since the revenue requirement effect is being deferred for future recovery separately.

n) Sales Tax Refunds and Assessments;

The Company will defer any refunds received (net of fees) or assessments paid where the source amounts were charged to expense. The Company will continue to file notice as required under 16 NYCRR §89.3 or include refunds in its PSC Annual Report, with reference made in the filing or Annual Report to this JP provision.

o) Type 3 Leak Re-Checks;

Deferral of incremental costs associated with conducting Type 3 leak re-checks in November and December, with the maximum deferral amount cap of \$40,000 per Rate Year.

D. Listing of Deferrals

A summary listing of deferrals and applicable examples is set forth in Appendix F, together with the specific deferral method and associated carrying charge for each. While this listing is intended to be comprehensive, the Signatories recognize that other deferral accounting employed by the Company may have inadvertently been excluded. Accordingly, the list is without prejudice with respect to any error or omission and each Signatory reserves the right to revise this listing pursuant to the procedures set forth in Section XXV of this JP.

E. Deferral Extension/Continuation

For the avoidance of doubt, the deferrals authorized or permitted consistent with this JP will not terminate by reason of the end of Rate Year 3, but they shall continue until such time as they are superseded or expressly revoked.

F. Right to Petition

The Company may petition the Commission for authorization to defer extraordinary expenditures or revenue loss not otherwise addressed by this JP, potentially including items discussed above. Other Signatories reserve the right to respond to any such petition as each such Signatory may see fit. To the extent that new mandatory regulatory, legislative or accounting changes, tax law changes, other regulatory policy changes, pandemic or public health related events, or other events materially affecting the Company's cost of providing service not specifically addressed herein become effective or occur during this Rate Plan, any Signatory hereto may petition the Commission to adjust the Company's rates accordingly.

G. Projected Net Deferred Regulatory Credits

Actual July 1, 2021 balances for the items shown on Appendix H will be offset against each other at the time of the Commission's Order in these proceedings, with the net deferred credit balance available for rate moderation. Any unused balance shall remain deferred, with carrying charges at the PTROR.

Additionally, as of July 1, 2023, the Company will reflect additional regulatory liabilities of \$25.6 million and \$5.5 million for electric and gas, respectively, available for rate moderation. These credit balances are currently included in rate base, as they were initially considered to be a component of the Protected Deferred Income Tax Asset resulting from changes in prior federal and state income tax rates. Upon receipt of further IRS guidance, the Company and other Signatories concur that these balances are not subject to IRS normalization rules and therefore can be made available for rate moderation. The credit balances noted above will be removed from rate base and established as a regulatory liability (credit) effective July 1, 2023 when the additional moderation is needed for the purposes of providing customer bill credits. Any unused regulatory credit balance shall remain deferred, with carrying charges at the PTROR.

H. Revenue Matched Rate Allowances

Rate allowances for revenue matched items are set forth in Appendix I.

I. Fortis Overhead Allocation Methodology

Subject to the cost allocation requirements set forth in the Order Authorizing Acquisition Subject to Conditions issued on June 26, 2013 in Case 12-M-0192 ("Acquisition Order"),²⁰ the Company will report any changes in the allocation

²⁰ Case 12-M-0192 - Joint Petition of Fortis Inc. et al. and CH Energy Group, Inc. et al. for Approval of the Acquisition of CH Energy Group, Inc. by Fortis Inc. and Related Transactions, Order Authorizing Acquisition Subject to Conditions (June 26, 2013).

methodology of Fortis overhead costs within 60 days after the revised cost allocation effective date. The Company will also report any change in the Fortis Overhead Allocation Methodology in its Annual Report of Affiliate Transactions filed on April 1 of each year pursuant to the Acquisition Order.

J. Depreciation

The average service lives (“ASLs”), net salvage factors and life tables used in calculating the theoretical depreciation reserve and in establishing depreciation expense are set forth in Appendix V. The Company is authorized to use these factors until new factors are approved by the Commission.

VI. CAPITAL STRUCTURE AND RATE OF RETURN

A. Capital Structure and Return on Equity

The common equity ratio is 50% for Rate Year 1, 49% for Rate Year 2 and 48% for Rate Year 3. The capital structures and cost rates for debt and customer deposits are shown by Rate Year in Appendix J. The allowed return on common equity (“ROE”) is 9.0% for all three Rate Years. The Company’s agreement to the Joint Proposal and the potential for a credit rating downgrade therefore should not be viewed by the Commission as in conflict with the objective that Central Hudson maintain an “A” credit rating as set forth in the Acquisition Order.²¹

B. Cost of Long-Term Debt and Customer Deposit Rate

The average cost rate of long-term debt is 3.99% for Rate Year 1, 3.93% for Rate Year 2, and 3.89% for Rate Year 3 with deferral in Rate Year 2 and Rate Year 3 as described in Section V.C.1. The Customer Deposit Rate is 0.05% for all three Rate

²¹ Id. at 13.

Years.

VII. EARNINGS SHARING MECHANISM

A. Thresholds

The Earnings Sharing Mechanism (“ESM”) applicable to the Company is based on the agreed upon ROE of 9.0% as follows:

- (1) Actual regulatory earnings at the allowed ROE of 9.0% to 9.5% will be retained by the Company;
- (2) Actual regulatory earnings above 9.5% to 10.0% will be shared 50/50 (customers/Company);
- (3) Actual regulatory earnings above 10.0% to 10.5% will be shared 75/25 (customers/Company); and
- (4) Actual regulatory earnings above 10.5%, will be shared 90/10 (customers/Company).

These regulatory earnings sharing percentages shall be maintained until base rates are reset by the Commission. Such calculation will be performed on an annual basis in the same manner as set forth below. Carrying charges at PTROR will be applied by the Company to the amount deferred at the end of the Rate Year, if applicable, until base rates are reset by the Commission.

In the event there is a stay-out period of less than 12 months, the earnings sharing mechanism will continue and be calculated as shown in Appendix F, Schedule 6. The regulatory Rate of Return will be based on the accumulated regulatory operating income for the period July 1, 2024 through the last month end of the stay-out period. Actual average rate base will be developed based on the 12 months ended period of the Stay-out period and adjusted by an operating income ratio factor. This adjustment to the 12-months ended average rate base is intended to align operating income to the level of rate base that generated that income. This factor will be calculated as the ratio

of book operating income during the same partial year period in the previous Rate Year to the total book operating income for that Rate Year. The Earnings Base Capitalization “EBCAP” adjustment, included in the development of average Rate base, will be based on the amount used to set delivery rates.

B. Reporting and Calculation of Actual Regulatory Earnings

The Company will file a report with the Secretary within 90 days following the end of each of Rate Year 1, Rate Year 2, and Rate Year 3 initially showing a computation of its actual operating income for the preceding Rate Year on a “per books” basis. The financial consequences of any regulatory performance mechanisms, positive or negative, including from EAMs and other ratemaking exclusions consistent with existing practices, which include but are not limited to, expenses excluded from rate recovery through Commission policy, certain accrual accounting transactions not factored into the determination of revenue requirements, certain expenses that are recorded as non-operating for financial accounting purposes, and appropriate out-of-period charges to income during the Rate Year, will be excluded from the computations of actual regulatory earnings.

The Company’s achieved regulatory return on common equity computation will be measured by (electric and gas) department and will reflect the lesser of an equity ratio equal to 50% or Central Hudson’s actual average common equity ratio.

The filing will also include a schedule of regulatory deferral balances recorded during the Rate Year that were included in the development of Earnings Base. This schedule will reflect deferred balances at July 1st, the activity recorded during the Rate Year, and the balance at June 30th. Staff will review the schedule provided by the Company and select the deferred accounts that require additional detail and supporting

workpapers, and upon receipt of Staff's selections, the Company will provide the requested information within 60 days.

VIII. NEW, MODIFIED AND CONTINUING REPORTING REQUIREMENTS

A listing of new, modified and continuing reporting requirements is identified in Appendix P. All existing reporting requirements will continue unless expressly stated otherwise.

IX. FORECASTS OF SALES AND CUSTOMERS

The Signatories agreed-upon electric and gas forecasts for sales volumes and numbers of customers are set forth in Appendix K. Billing determinants corresponding to these forecasts are set forth in Appendix M.

A. Treatment of Danskammer Revenues

The Signatory Parties agree that \$1.5 million of SC 11 gas delivery revenues from Danskammer will be imputed in the base delivery revenue utilized to determine the base delivery revenue increases. Danskammer SC 11 gas delivery revenue will no longer be applied as a rate moderator through gas bill credits. The imputation will be allocated to each class in proportion to such class's responsibility for overall delivery rate increases. The Company will defer the amount of actual revenues above or below this revenue imputed into base delivery rates for future pass back/collection from customers.

X. REVENUE ALLOCATION AND RATE DESIGN

A. Revenue Allocation

1. Electric Revenue Allocation

The Signatories agree on the electric revenue allocation set forth in Appendix L.

2. Gas Revenue Allocation

The Signatories agree to the gas revenue allocation set forth in Appendix L.

B. Rate Design

1. Electric Rate Design

The Signatories agree to the electric rate design as set forth in Appendix M. Rates for SC 5 and SC 8 will reflect class average rate increases for each fixture. The SC 5 and SC 8 tariff sheets will be revised to update this list of area lights and streetlights that are no longer replaced in kind or installed at new locations.

2. Gas Rate Design

The Signatories agree to the gas rate design set forth in Appendix M, which reflects the implementation of the first three years of a planned five-year phase-out of gas declining block rates. Following the first three years, the phase-out of gas declining block rates will be paused at Rate Year 3 levels. The implementation of the remaining two-year phase-out of gas declining block rates will be considered within a future rate plan.

3. Gas Tail Block Rate Customer Notification

The Company shall mail a letter to each Energy Affordability Program gas customer who, based upon their gas usage in the 12-months ending April 30, 2021, would experience a delivery bill impact of 9% or more solely due to changes in the tail block structure in the Rate Year beginning July 1, 2021. The letter shall:

- 1) Be sent within 30 days of the start of the first Rate Year;
- 2) State the explanation of the change in rate design;
- 3) State the purpose of the change in rate design;
- 4) State any action(s) that customers can take to reduce and/or eliminate the bill impacts they would experience under the rate design for the new Rate Year;

- 5) Furnish Company, and NYSERDA and other State provider contact information for energy efficiency and other services that could reduce and/or eliminate rate re-design bill impacts. Such referrals shall include, at a minimum, telephone, website, and email contact information;
- 6) Be accompanied by applicable collateral materials providing information about energy efficiency and other services that could reduce and/or eliminate rate re-design bill impacts;
- 7) Include a link to the web page described in its e-newsletter *Powering Connection* which is sent to all low income customers. The timing of inclusion of this information in the newsletter will occur after the webpage is live each Rate Year.

The Company will also develop a page on its website dedicated to the gas rate structure change. The page will initially be available within 30 days of the start of the first Rate Year. The page will be accessible from the “Rates” page available to customers under the “My Account” homepage dropdown which is traditionally where updated rate agreement information is located. The web address of the page will be listed in the newspaper notice published with each Rate Year. The page will provide information on the phase-in of the new rate structure, sample bill impacts for typical usage profiles and links to information on energy efficiency.

4. Customer Bill Impacts

The agreed-upon delivery revenue decreases / increases have the estimated bill impacts set forth in Appendix N, reflecting electric and gas bill credits per Section IV.C and D.

5. Parties Meeting to Discuss ECOS Models in Next Rate Case

The Company will continue to make the Company’s Embedded Cost of Service (“ECOS”) models available to parties in the next electric and gas rate proceedings, and will provide an overview of the models and process to parties 6-8 weeks after the

Company's initial filing or at a specified date after a technical conference based on discussion with parties regarding their availability for such overview.

XI. PROVISIONS FOR LOW INCOME CUSTOMERS

A. Energy Affordability Program

Central Hudson's Energy Affordability Program will provide bill discounts to eligible customers consistent with the Commission's Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings issued in Case 14-M-0565.²² The Company will allocate its overcollection of Low-Income Bill Discount Program ("LIBDP") funds at June 30, 2021 (\$5.0 million electric and \$1.3 million gas) to support additional enrollment and will utilize its deferral for any incremental funding if current overcollection balances are exhausted during the term of the rate plan due to higher than planned enrollment levels.

The bill discount credits are set forth in the electric and gas tariffs. The level of funding provided for the bill discount credits, subject to symmetrical deferral, is provided below.

Funding (\$ in millions)	Rate Year 1	Rate Year 2	Rate Year 3
Electric	\$6.8	\$7.2	\$7.7
Gas	\$3.1	\$3.1	\$3.1
Total	\$9.9	\$10.3	\$10.8

Any accumulated balances of program under-spending will be deferred for future use in the Energy Affordability Program and carrying charges will be applied at the PTROR. In the event that the funding for the discounts provided in rates is inadequate to provide discounts to all qualifying customers, the Company is authorized to defer the

²² Case 14-M-0565 – Proceeding on Motion of the Commission to Examine Programs to Address Energy Affordability for Low Income Utility Customers, Order Adopting Energy Affordability Policy Modifications and Directing Utility Filings (August 12, 2021).

difference between the rate allowance and the actual discounts for future recovery with carrying charges at the PTROR.

B. Reconnection Fee Waiver

Consistent with the Order Approving Implementation Plans with Modifications issued on February 17, 2017 in Case 14-M-0565, the Company will continue to waive Reconnection Fees.²³ The waiver of Reconnection Fees is authorized at an allowance of \$51,600 for each Rate Year (split 80/20 between electric and gas) and is subject to symmetrical deferral.

C. Arrears Management – Case 20-M-0266

The Signatories recognize the importance of assisting COVID-affected customers. To the extent the financially harmful COVID-19 economic contraction has created an inability to pay utility bills, the Signatories believe the assistance can be most broadly and uniformly provided through an Order, policy or program arising within Case 20-M-0266 - Proceeding on Motion of the Commission Regarding the Effects of COVID-19 on Utility Service, and by the statutory requirements and New York State Department of Public Service guidance relating to the Parker-Richardson Moratorium Act of 2021.²⁴ If the Commission does not address residential and small business arrears arising from the COVID-19 pandemic by September 15, 2021, in either the generic COVID-19 proceeding or another generic proceeding, then the Company will commence a collaborative to discuss arrears resolution-related issues to begin no later than November 1, 2021, or two weeks after the approval by the Commission of this Joint Proposal, whichever is later in time. The Company shall file with the Commission a

²³ See Case 14-M-0565, Order Approving Implementation Plans with Modifications at 7 (Feb. 17, 2017).

²⁴ See Chapter 106 of the Laws of 2021.

report no later than 45 days after the start of the collaborative, which shall describe any arrears resolution program that the Company is planning to undertake and shall identify, to the extent necessary, Commission authorization needed to implement such programs. The Company shall not be obligated to undertake any arrears resolution program without obtaining approvals that they determine to be necessary. If the Commission makes a determination concerning an arrears resolution on a generic basis, such determination will control and eliminate the requirement for the collaboration.

XII. TARIFF-RELATED MATTERS

A. Generally

Except as may be clarified or altered below, existing tariff provisions and related rate making will generally be continued.

B. Electric RDM

The Electric RDM will continue to apply to SCs 1, 2, 3, 5, 6, and 8 and those customers taking service under SC 14 whose parent service classification would be either SCs 1, 2, 3 or 6. The RDM will be expanded to include SC 13, including those customers taking service under SC 14 whose parent service classification would be SC 13, subject to limitations as described in Appendix O. The RDM is not applicable to SC 9.

With the minor modifications noted below, the structure and provisions of the electric RDM will continue per the 2018 Rate Plan, with delivery revenue targets established by month for each service classification or sub-classification. The proration adjustment in the second month of the Rate Year will discontinue. The Electric bill credits will be included in the reconciliation of target and actual revenue under the

Electric RDM. Finally, the GRIC will no longer be funded through this mechanism. An example is set forth in Appendix O.

Delivery revenue targets for the Rate Year ending June 30, 2024 will remain in effect until otherwise changed by the Commission.

C. Gas RDM

The Gas RDM will continue to be applicable to SCs 1, 2, 6, 12 and 13. The gas RDM will be expanded to also include SC 11 (transmission, distribution, and distribution large mains), subject to limitations described in Appendix O. The RDM is not applicable to SCs 8, 9, 11 (electric generators), 14, 15 and 16.

The structure and provisions per the 2018 Rate Plan will be modified to transition from a revenue per customer model to a revenue per class model, similar to the Electric RDM. The proration adjustment in the second month of the Rate Year will be eliminated. Finally, gas bill credits will be included in the reconciliation of target and actual revenue. An example is set forth in Appendix O.

Delivery revenue targets for the Rate Year ending June 30, 2024 will remain in effect until otherwise changed by the Commission.

D. Electric Factor of Adjustment

The factor of adjustment ("FOA") will be the most recent 36-month system average based on data available at the time of compliance and will continue to be differentiated by service level according to the following service class groups:

- 1) SCs 1, 2 Non-Demand, 2 Secondary Demand, 5, 6, 8 and 9;
- 2) SCs 2 Primary Demand and 3;
- 3) SC 13 Substation; and
- 4) SC 13 Transmission.

E. Billing Services Credit

The Company's Billing Services Credit, which is applicable to customers who participate in the Company's Retail Access program and choose to receive a consolidated bill, is being updated to reflect the Company's most recent cost of service results.

F. Energy Efficiency Credits for Recharge NY

The Company's energy efficiency credit, which is applicable to Recharge NY customers, is being updated consistent with the Company's update to base rates.

G. Interruptible Imputation

The interruptible imputation will be set at \$3.2 million for each Rate Year, and the structure will continue as set forth in the 2018 Rate Plan.

H. Gas Cash-Out Rate

The Company will implement changes to the under-delivery cash-out rate to reflect a weighted average of the Midpoint rate of Tennessee Zone 4 300 Leg, Millennium East, Iroquois Zone 2, and Algonquin City gates plus the Company's weighted average cost of transportation and fuel losses, rather than using the higher of Iroquois Zone 2 and Algonquin City Gates.

The Company will also utilize the same weighted average rate for over-delivery cash-out indices rather than the lower of Millennium East and Tennessee zone 4 300 leg.

The proposed winter weighting shall reflect 10% Tennessee Zone 4 300 Leg, 30% Algonquin City Gate, 30% Millennium East, and 30% Iroquois Zone 2.

The proposed summer weighting shall reflect 10% Tennessee Zone 4 300 Leg, 20% Algonquin City Gate, 70% Millennium East, and 0% Iroquois Zone 2.

The Company will describe the methodology of the weighting and frequency of updates in the Company's Gas Tariff and Gas Transportation Operating Procedures ("GTOP"), specify the weightings in the GTOP, and review the weightings based on an annual evaluation. Review of the activity for the twelve months ended March 31st of the current year will take place prior to the end of the third quarter. If the annual evaluation indicates a variation of any individual pipeline's weighting of plus or minus 10%, the weights of all pipelines would be updated effective November 1st in time for the start of the winter season.

The Company will also implement a delivery requirement decrement feature to help manage both system reliability and ESCO cash-out volumes. The decrement feature will be developed and included as part of this system refinement project to provide Central Hudson with the ability to manage system reliability by reducing ESCO daily delivery requirements if the weather is significantly warmer than normal.

Both of these changes will require software modifications to be implemented by the Company's third-party vendor, which the Company anticipates will take effect in the second quarter of 2022. The Company will make a compliance tariff filing implementing the changes to the cash-out price methodology and decrement feature no later than May 30, 2022 for a proposed effective date no later than June 30, 2022. The Company will communicate the proposed changes to the ESCOs and Staff prior to the tariff filing.

I. Merchant Function Charge and Lost Revenue

The MFC cost methodology authorized by the Commission in the 2018 Rate Plan will continue.

The requirement that "the Company notify the Commission and parties and convene discussions among the parties to develop short-run avoided cost curves" at the

time that total migration for a month exceeds 30% for either electric (SC 1 and 6) or gas (SC 1) customers, as initially set forth in the Commission's Order Establishing Rate Plan issued in Cases 05-E-0934 et al.,²⁵ shall be revised such that the Company is only required to provide notification to the Commission and parties to these rate cases under such circumstances. The Signatory Parties agree that any discussions or efforts to develop revised general principles and methods regarding identification of avoided costs resulting from retail access penetration, if any, should be addressed on a Statewide basis.

J. Conforming Tariffs

The electric and gas tariffs will be amended, as necessary, to conform to the provisions set forth in this JP. Delivery rates for electric standby service provided under SC 14 and gas distributed generation service under SCs 15 and 16, which are designed to follow the parent service classification rates/cost of service, as well as for the Excelsior Jobs Program, which follow the marginal cost of service, will be included in the conforming tariffs.

XIII. ECONOMIC DEVELOPMENT

A. Economic Development Programs

This Rate Plan will modify Central Hudson's Economic Development programs in order to focus on expanding manufacturing in the Hudson Valley. Aligned with this

²⁵ Cases 05-E-0934 et al. - Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Central Hudson Gas & Electric Corporation for Electric Service, Order Establishing Rate Plan at 18-19 (July 24, 2006).

focus, the Company will implement or continue the Economic Development programs listed below.

1. Back to Business Program

The Back to Business Program provides assistance to small businesses with 20 or fewer employees to continue to operate or reopen as the economy is restarted during the COVID-19 pandemic. Once the \$1 million committed by the Company for this program has been exhausted, this program will be discontinued.

2. Manufacturing Building and Infrastructure Program

The Manufacturing Building and Infrastructure Program will target former manufacturing buildings and sites so that existing assets and shovel ready sites can be used to accelerate manufacturing capability in the Company's service territory. This program will be available to businesses within the Central Hudson service territory as follows:

- Owners of undeveloped sites are eligible to apply for funding to be used for utility infrastructure improvements. Awards of up to \$200,000 are available per site but awards cannot exceed 33% of total utility project costs. Owners of the site must contribute at least 50% of the project utility hard costs.
- Owners that seek to demolish, deconstruct, rehabilitate and/or reconstruct vacant or severely underutilized properties are eligible to apply for funding to be used for site development needs related to the project including, but not limited to water and sewer. For existing buildings with at least 50,000 square feet of vacant space, awards of up to \$100,000 are available per site but awards cannot exceed 33% of the total project costs. Owners must contribute at least 50% of the costs of the project.

3. Manufacturing Productivity Program

The Manufacturing Productivity Program provides matching grants of up to \$15,000 or 40% (whichever is less) of the costs incurred by eligible applicants whose top management commits the time and resources to "lean manufacturing" projects or

manufacturing assistance projects that result in eliminating waste and increasing productivity on the “shop floor” and in the office. To be eligible for this program, the project must accomplish one or more of the following:

- Optimize the current facility;
- Increase machine effectiveness;
- Improve product quality;
- Reduce costs;
- Reduce lead times;
- Improve process-flow;
- Increase inventory turns;
- Expand markets;
- Develop new customers; and/or
- Develop new products.

4. Expansion & Retention for Manufacturers Grant Program

The Expansion & Retention for Manufacturers Grant Program will be available for businesses within the Central Hudson service territory that meet the following criteria:

- Manufacturing businesses must be making a new investment within the service territory. The purchase of real estate, infrastructure (sewer, water, and energy), acquisition of machinery and equipment, new energy efficiency upgrades, are all examples of items that would constitute a new capital investment.
- Funding from Central Hudson for projects must be done in conjunction with a financial incentive from Empire State Development, a local industrial development agency, or a local economic development corporation. Central Hudson may also consider a financial incentive or other partnership with a local college or association as satisfying the requirement.
- Central Hudson funding will be available within six months with all necessary documentation submitted to the Company after the completion of the investment and accomplishment of milestones as outlined in the project plan.
- A minimum of 20 jobs must be retained or created.
- Existing manufacturing businesses must maintain their previous year's employment level within the service territory as documented by a quarterly filing of a NYS-45.

- Customer must be in good standing with its Central Hudson gas and electric bill.

Funding levels for infrastructure or equipment will be based upon the following investment levels:

- For capital investments greater than \$500,000 but less than \$1 million, businesses would be eligible for a \$100,000 Central Hudson business retention grant.
- For capital investments greater than \$1 million but less than \$2 million, businesses would be eligible for \$150,000 Central Hudson business retention grant.
- For capital investments greater than \$2 million, businesses would be eligible for a \$200,000 Central Hudson business retention grant.

5. Supply Chain Study Grant Program

Under the Supply Chain Study Grant Program, the Company will commit up to \$50,000, which must be matched by an equal amount from other sources, for the purpose of conducting a study to identify and analyze regional supply chain gaps and opportunities to ensure a resilient regional supply chain.

B. Non-Continuing Programs

Within 60 days of the Commission's issuance of a final Order in these proceedings, the Company will no longer accept new application for the Economic Development programs set forth in the 2015 Rate Plan and continued by the 2018 Rate Plan. However, the Company will honor existing commitments within the current programs pursuant to the agreements and timelines between each applicant and the Company.

C. Reporting Requirements

Beginning in 2022, the Company shall file an annual report by April 1 of each year that details economic development activity for the prior calendar year.²⁶ This annual report shall be consistent with the requirements set forth in the Commission's Order Establishing Economic Development Plan Procedures issued in Cases 05-E-0934 et al.²⁷

XIV. ENERGY EFFICIENCY PROGRAM AND HEAT PUMP PROGRAM COSTS

Consistent with the Commission's Order Adopting Accelerated Energy Efficiency Targets issued on December 13, 2018 in Case 18-M-0084²⁸ and its Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 issued on January 16, 2020 in Case 18-M-0084,²⁹ the cost of the Company's Energy Efficiency and Heat Pump programs will be collected in base rates. The base delivery rates implemented in this Proposal reflect Energy Efficiency and Heat Pump program costs authorized by the 2020 Energy Efficiency Order, offset by available liabilities at December 31, 2020.

For Electric, to mitigate bill impacts in all Rate Years, the Company will reduce the impact of incremental Energy Efficiency / Heat Pumps expense by deferring 75% of the cumulative difference between the rate allowances initially included in revenue requirements and that included in the 2018 Rate Plan. The Signatories agree to reflect the reduced allowances in rates and that the Company will defer any over/under

²⁶ Considering the change from an August to an April filing date, the August 2021 filing will be postponed until April 2022 to minimize duplication.

²⁷ Cases 05-E-0934 et al., Order Establishing Economic Development Plan Procedures (Aug. 24, 2009).

²⁸ Case 18-M-0084 - In the Matter of a Comprehensive Energy Efficiency Initiative, Order Adopting Accelerated Energy Efficiency Targets (Dec. 13, 2018).

²⁹ Case 18-M-0084 - In the Matter of a Comprehensive Energy Efficiency Initiative, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios Through 2025 (Jan. 16, 2020) ("2020 Energy Efficiency Order").

spending as discussed in the Section V.C of this JP. Any cumulative deferred underspending (i.e., regulatory asset) can be collected through the Rate Adjustment Mechanism (“RAM”).

For Gas, collection of Energy Efficiency costs will be timed in a manner to mitigate and level bill impacts.

XV. RATE ADJUSTMENT MECHANISM

The Company will continue its RAM to refund or recover the net balance of RAM Eligible Deferrals and Carrying Charges, PRAs, unencumbered NRAs and Costs. For the avoidance of doubt, incentives associated with EAM achievement will not be collected through the RAM. All RAM Eligible Deferrals and Costs shall be the difference between actual costs and the amounts provided for in base rates. All RAM revenues and deferrals are subject to reconciliation. Details regarding RAM eligible costs and mechanics can be found in Appendix G.

The listing of balances shown in Appendix G for return to or collection from customers through the RAM during the term of this Proposal is intended to be comprehensive, but the Signatories recognize that future circumstances may create the authorization of new regulatory assets or liabilities. The carrying charges associated with any such new assets or liabilities may be balances eligible for inclusion in the RAM. Accordingly, the Company will include, as part of its RAM compliance filing, any such carrying charge balances for collection from or pass-back to customers through the RAM.

XVI. ELECTRIC RELIABILITY

The electric service annual metrics for System Average Interruption Frequency Index (“SAIFI”) will be set at the following targets: (1) 2021 – 1.32; (2) 2022 – 1.32;

(3) 2023 – 1.30; and (4) 2024 – 1.30. The target for Customer Average Interruption Duration Index (“CAIDI”) will continue to be 2.50 for calendar years 2021 through 2024.

The Company will not exclude outages during periods when the Company is providing mutual assistance to other utilities from the Company’s calculation of SAIFI and CAIDI.

All electric reliability targets shall remain in effect until modified by a Commission Order in a subsequent Central Hudson electric rate case. Electric Reliability Reporting requirements, quarterly meeting requirements, revenue adjustment source, and exclusions are defined in Appendix Q.

XVII. GAS SAFETY METRICS

The Signatories agree to the following Gas Safety Metrics beginning in calendar year 2022 as described below and identified in Appendix R. Emergency response performance and damage performance shall adhere to the reporting criteria for the annual Gas Safety Performance Measures report.

A. Emergency Response Time

The gas emergency response time metrics and associated Negative Revenue Adjustments (“NRAs”) and PRAs will be as follows:

Emergency Response Time	Percent Completed	(NRA)/PRA (BPs)
30 Minute Response	≥ 92%	6
	≥89% - <92%	4
	≥85% - <89%	2
	≥75% - <85%	0
	< 75%	(12)
45 Minute Response	<90%	(8)
60 Minute Response	<95%	(5)

B. Leak Management

1. Gas Leak Backlog

The Gas Income Statement set forth in Appendix A, Schedule 2 includes rate allowances for the Company's forecast of the number of gas leaks to be repaired and the costs per average repair. For purposes of determining the Total Year-End Backlog, which includes Types 1, 2, 2A and 3 leaks as defined in the Commission's regulations,³⁰ and Year-End Repairable Leaks Backlog, which includes Types 1, 2 and 2A leaks, "Year-End" is defined as any time during the last 10 days of the calendar year.

Starting in calendar year 2022, the Company will be subject to the following leak backlog management targets and associated revenue adjustments (gas, pre-tax):

Gas Leak Backlog	# of Leaks	(NRA)/PRA (BPs)
Total Year-End Backlog	≥ 90	(15)
	≥ 87 - ≤ 89	(6)
	≥ 66 - ≤ 86	0
	≥ 60 - ≤ 65	2
	≥ 55 - ≤ 59	4
	≤ 54	6

The Company is only eligible to earn the PRA associated with Total Year-End Backlog if its Year-End Repairable Backlog is six (6) or less.³¹ Only "successful elimination" of a leak in accordance with 16 NYCRR Part 255.819 will be considered a valid leak repair. Successful elimination of a leak is considered when the Company either has performed multiple inspections, two or more, to confirm that zero-percent gas-in-air readings have been maintained, or a re-check has been completed per the Commission's regulations. Types 1, 2 and 2A leaks that fail re-check as required by 16

³⁰ See 16 NYCRR 255.811, 255.813, 255.815, 255.817.

³¹ The Signatory Parties agree to eliminate the: 1) Repairable Leaks Backlog target and associated NRA from the 2018 Rate Plan; and 2) the PRA associated with eliminating Type 3 leaks from the 2018 Rate Plan. See 2018 Rate Plan, Joint Proposal at 51-52.

NYCRR 255.819 must be added back to the Total Year-End Back Log and the Year-End Repairable Leaks Backlog.

For any Type 3 leak repaired during the months of November and December, the Company will be required to conduct a re-check within 14 to 30 days after repair to confirm no gas-in-air readings before such repair will be considered a valid repair for purposes of PRA eligibility. However, Type 3 leaks that were repaired in November or December but are not re-checked or that fail a re-check will be excluded from the Total Year-End Backlog for purposes of determining an NRA.

The Signatory Parties agree that the Company's incremental costs associated with conducting Type 3 leak re-checks in November and December will be deferred with the maximum deferral amount cap of \$40,000.

C. Damage Prevention

The Company will be subject to the following damage prevention targets and associated NRAs and PRAs:

Total Damage Rate	(NRA) (BPs)	Maximum NRA BPs/Year	PRA (BPs)	Maximum PRA BPs/Year
≤1.19	N/A	(20)	10	10
≥1.20 - <1.25	N/A		6	
≥1.25 - <1.35	N/A		4	
≥1.35 - <1.65	0		N/A	
≥1.65 - <1.85	(5)		N/A	
≥1.85 - <2.00	(10)		N/A	
≥2.00	(20)		N/A	

For rate case established targets, the Total Damage Rate will include the hand excavation damages with a one call ticket. Hand excavation damages without a ticket will be excluded from the Total Damage Rate.

D. Gas Safety Violations Performance Measures

Central Hudson will incur an NRA for instances of noncompliance (occurrences) of certain pipeline safety regulations set forth in 16 NYCRR Parts 255 and 261, as identified during Staff's annual field and record audits. Violations subject to a separate penalty proceeding will not be applied to this metric. Appendix S sets forth a list of identified High Risk and Other Risk pipeline safety regulations pertaining to this metric. At the conclusion of each audit, Staff and the Company will have a compliance meeting where Staff will present its findings to the Company, including which violation(s), if any, that Staff recommends be subject to this metric. The Company will have ten (10) calendar days from the date of the compliance meeting to address any documented deficiencies identified by Staff. The Company will provide documentation to Staff, which can include but is not limited to Construction Standards and Operating and Maintenance plans, to substantiate compliance. Central Hudson will be assessed an NRA for each High Risk or Other Risk occurrence, up to a combined maximum of 75 BPs on a calendar year basis, for 2022, 2023, and 2024 as follows:

Category	Record Violations Per Calendar Year	(NRA) BPs Per Occurrence
High Risk		
Records	1-5	0
Records	6-20	(1/2)
Records	21+	(1)
Field	1-20	(1/2)
Field	21+	(1)
Other Risk		
Records	1-15	0
Records	16+	(1/4)
Field	All violations	(1/4)

Record violations are capped at ten (10) violations for each code requirement. If the Company incurs more than ten (10) record audit violations of a single code section, the

Company is required to file with the Secretary to the Commission, within 90 days of Pipeline Safety Staff's audit letter, a remediation plan explaining how it will address and resolve the compliance issues. This plan will include dates by which all cited violations will be brought into compliance or, where appropriate, when remedial actions will be taken to mitigate recurrence. If the Company fails to comply with its implementation plan, the number of violations of a given code section that are in excess of ten (10) will be included with the remainder of the violations being considered for the compliance measure.

A single missed step or requirement will only be counted once, as a specific section of code for the calculation of an NRA. The cumulative maximum exposure for record and field violations is 75 BPs in each calendar year. Repeated failure to follow a step or requirement that constitutes a violation will result in multiple occurrences of such violation. Failure to follow a Company procedure will be cited as a single occurrence under 16 NYCRR Part 255.603, regardless of whether the failure occurred once or multiple times and regardless of whether the failure results in a High Risk violation, Other Risk violation, or non-violation.

E. Leak Prone Pipe

Effective in 2022, the Company will replace or eliminate, at a minimum, 15 miles of leak prone pipe per year and will incur an NRA of 15 BPs if the mileage achieved in any year is less than 15 miles. For the avoidance of doubt, not all pipe sections will be replaced in strict adherence to their risk ranking established by the Company's main segment risk model. The Company expressly retains the right to prioritize projects based on factors other than risk. Central Hudson will seek alternatives to the replacement of pipelines scheduled to be eliminated by eliminating double runs of pipe,

bringing unprotected steel pipe into cathodic protection, or pursuing Non-Pipes Alternatives with a positive Benefit Cost Analysis.

F. Gas Safety Total PRA / NRA Basis Points Allocation

Safety Metrics	(NRA) BPs	PRA BPs
Leak Management	(15)	6
Leak Prone Pipe	(15)	0
Emergency Response Time	(25)	6
Damage Prevention	(20)	10
Gas Safety Violations	(75)	0
Total Basis Points	(150)	22

Other Gas Safety Initiatives/Programs	(NRA) BPs	PRA BPs
Utilize Recompression Method for Methane Capture (2 BPs per occurrence one time per year)	0	2
Conduct Municipal Wide Gas Emergency Drills (4 BPs per occurrence for up to two times per year)	0	8
Total Basis Points	0	10

	(NRA) BPs	PRA BPs
Total Basis Points	(150)	32

G. Continuation

All Gas Safety Metrics effective in calendar year 2024 shall remain in effect on an annual basis for the target levels identified until modified by the Commission.

XVIII. CUSTOMER SERVICE

A. Customer Service Performance Indicators

The Customer Service Performance Indicators (“CSPIs”) and associated reporting requirements will consist of the following measures: (1) PSC Complaint Rate;

(2) Residential Customer Satisfaction Survey; (3) Percent of Call Answered by a Representative within 30 Seconds; and (4) Appointments Kept measures. As described below, the Residential Service Terminations/Uncollectibles Target authorized under the 2018 Rate Plan shall be suspended for calendar years 2021 and 2022, but the Signatory Parties agree that the Company may file a petition for the Commission's consideration regarding its proposal for this metric for calendar years 2023 and 2024.

All CSPI targets and potential PRAs and NRAs shall remain in effect until modified by a Commission Order. All metrics are measured on a calendar year basis starting in 2022. The CSPIs described below are summarized in Appendix T.

1. PSC Complaint Rate

The criteria for the PSC Complaint Rate and corresponding NRAs are:

PSC Complaint Rate	2022 (NRA) BPs	2023 (NRA) BPs	2024 (NRA) BPs
≤ 1.0	None	None	None
> 1.0	(3)	(4)	(5)
≥ 1.1	(6)	(8)	(10)
≥ 1.2	(10)	(12)	(15)

2. Residential Customer Satisfaction Survey

The criteria for the Residential Customer Satisfaction Survey and corresponding NRAs are:

CSI Satisfaction Index	2022 (NRA) BPs	2023 (NRA) BPs	2024 (NRA) BPs
≥ 89.0%	None	None	None
< 89.0%	(3)	(4)	(5)
≤ 87.1%	(6)	(8)	(10)
≤ 85.3%	(10)	(12)	(15)

3. Percent of Calls Answered by a Representative Within 30 Seconds

The Percent of Calls Answered by a Representative within 30 Seconds is the percentage of calls answered by a Company representative within 30 seconds of the customer's request to speak to a representative between the hours of 8:00 AM and 4:30 PM Monday through Friday (excluding holidays). The performance rate is the sum of the system-wide number of calls answered by a representative within 30 seconds divided by the sum of the system-wide number of calls where a customer requests to speak with a representative.

The Percent of Calls Answered by a Representative within 30 Seconds targets and corresponding NRAs are:

Call Answer Rate	2022 (NRA) BPs	2023 (NRA) BPs	2024 (NRA) BPs
≥ 67.0%	None	None	None
< 67.0%	(3)	(4)	(4)
≤ 61.4%	(6)	(8)	(8)
≤ 55.8%	(10)	(12)	(12)

4. Appointments Kept

The Company will continue to credit customers \$20 per missed appointment.

5. Residential Service Terminations/Uncollectibles Target³²

Due to the extraordinary circumstances of the COVID-19 pandemic, the Residential Service Terminations / Uncollectibles Target metric shall be paused for calendar years 2021 and 2022.³³ At least 60 days prior to the start of calendar year

³² Under the period of the 2018 Rate Plan, the Company agreed to Staff's proposal to reverse the earned outcome-based PRA for the twelve months ended June 30, 2020, which includes the second half of 2019 prior to the onset of the COVID-19 pandemic. Additionally, the Company agreed to waive the PRA for the twelve months ended June 30, 2021.

³³ This metric has been converted to a calendar year measurement. Under the 2018 Rate Plan, the measurement was done on a Rate Year basis.

2023, the Company may file a petition regarding its proposal for this metric for the Commission's consideration for calendar years 2023 and 2024.

B. Call Volume Overflow

The Company will submit quarterly reports on the Customer Information System transition process with respect to call volume overflow, which will include the status on milestone targets, cost expenditures to date, description on process variances and project completion timeline.

C. Multilanguage Translation

The Company will expand its Spanish language customer support channels as identified in Appendix Z.

The Company will convene a Digital Customer Community ("DCC") Panel that is representative of the Company's diverse service territory to gather feedback on customer service related issues, such as billing and payment assistance programs and multilanguage translation. The Company will invite members of its digital customer community to participate in the DCC Panel and invitations to participate in the DCC Panel will also be shared via the Company's network of community stakeholder organizations.

The DCC Panel will launch in the first quarter of 2022 and will be invited to provide feedback on at least a quarterly basis. The feedback will be gathered via multiple channels, such as digital surveys and digital townhall forums.

The Company will continue releasing a monthly e-newsletter that is shared with over 200 community partners to further extend its outreach to customers through local agencies. The Company will also continue holding bi-monthly "coffee buzz" virtual meetings.

D. Voluntary Protections During Extreme Weather

The Company will implement the following cold weather protections and heat provisions.

1. Cold Weather Protections

The Company will commit to additional winter protections for residential customers during the cold weather period of November 1 through April 15 (“Cold Weather Period”). These protections include:³⁴

- (1) Central Hudson will accept all Home Energy Assistance Program (“HEAP”) payments and provide the customer with continued service regardless of the amount due and/or the customer’s payment status.
- (2) Central Hudson will offer a new minimum Deferred Payment Agreement (“DPA”) upon receipt of an emergency HEAP grant. For regular HEAP grants, if a customer has a defaulted agreement, the regular grant will be applied toward reinstating that agreement and the Company will request that the difference be paid by the customer. If the customer cannot pay, the Company will suggest that they turn to the Department of Social Services for an emergency grant. Central Hudson will take a fair and reasonable approach to reinstating these defaulted agreements.
- (3) Central Hudson will refrain from scheduling residential service terminations on days when the local weather forecast predicts below-freezing (32 degrees) temperatures on any given day, or predicts “feels like” temperatures at or below-freezing (32 degrees) for 2 or more consecutive days.
- (4) Central Hudson will refrain from locking customers who are coded as Elderly, Blind or Disabled.
- (5) Central Hudson will assist Low-Income and Elderly, Blind and Disabled (EBD) customers. To ensure the safety of these customers during the winter period from November 1 through April 15, Central Hudson will not terminate the gas service of these customers due to non-payment. Also, for these customers, who may be eligible for disconnection due to non-payment, we will continue to provide electric service to allow them to sustain their heating source. However, for the first and last month of the winter period Central Hudson may terminate electric service due to nonpayment, during favorable weather conditions.

³⁴ The Signatory Parties acknowledge that the existing Home Energy Fair Practices Act requirements have been expanded by the Parker-Richardson Moratorium Act of 2021, and that those expansion components expire on December 31, 2021 (Chapter 106 of the Laws of 2021).

2. Extreme Heat Protections

The Company will suspend electric residential service terminations for non-payment of service if: (1) the heat index is forecasted by the National Weather Service to reach 93 degrees or higher, including on the calendar day before, in the Company's service territory; or (2) the actual heat index reaches 93 degrees or higher on any given day.

XIX. OUTREACH AND EDUCATION

The Company will, during the term of this JP, continue to file an annual Outreach and Education Plan with the Secretary by April 1 of each Rate Year that is consistent in scope with plans filed by the Company under the 2018 Rate Plan.

XX. OTHER PROGRAMS AND INITIATIVES

A. Residential Methane Detection Program

The Signatory Parties agree that the Company will continue its Residential Methane Detection Program, which will be funded through Company's gas O&M expenses.

B. First Responder Training Program

The Signatory Parties agree that the Company will continue its First Responder Training Program, which will be funded through Company's gas O&M expenses.

C. Community Emergency Response Drill Program

The Signatory Parties agree that the Company will implement a Community Gas Emergency Response Drill ("CGERD") Program, which will provide simulated full-scale gas emergency exercises in the community to test and enhance communication protocols and logistics of all first responder organizations within a community. Potential participants would include gas operators, fire departments, police departments,

emergency medical services, and municipal representatives and media. The CGERD Program's objective is to conduct municipality-wide gas emergency drills for the purpose of evaluating the coordinated response of Company and municipal agencies to gas events. The Company shall earn a PRA of four BPs for each drill conducted with municipalities and first responders as part of the CGERD Program with a limit of two drills per year.

D. Pipeline Safety Management System

The Pipeline Safety Management System ("PSMS") is a management tool used by pipeline operators to manage various aspects of pipeline safety and create a safety framework to identify and mitigate threat and risks and ultimately to improve safety. The Signatory Parties agree that the Company's costs associated with its PSMS will also be funded through Company's gas O&M expense.

E. New York Pipeline Emergency Response Initiative

The Signatory Parties agree that the Company's participation in the New York Pipeline Emergency Response Initiative ("NYPERI") Program will be funded through the Company's gas O&M expense.

F. Natural Gas Re-Compression for Methane Capture Incentive

The Company shall earn a PRA of two BPs each time it utilizes a re-compression method to recapture methane from being released into the atmosphere during transmission line or valve replacements. This PRA is capped at one occurrence, or two BPs, per year.

G. Renewable Natural Gas

The Company's purchase of renewable natural gas ("RNG"), acquired through a competitive solicitation, will be done with a limited impact on all of its gas customers. As

is the case for all Central Hudson energy supply purchases, purchase of RNG will take place to provide customer benefit in compliance with DPS regulations. The renewable natural gas purchases will not be detrimental to reliability of the system while maintaining existing gas quality standards. The per Mcf cost should be limited to the Company's weighted average cost of commodity, unless the RNG is shown to be a non-pipes alternative necessary for reliability. The Company will review with Staff the results of any competitive solicitation prior to implementation of those RNG purchases into the supply portfolio. Additionally, the Company will not own any renewable energy attributes and will work with Staff to determine resolution of any associated environmental attributes or associated legal claims, which may be retired or transferred to New York State.

H. Streetlight Dimming Energy Efficiency Pilot

Central Hudson will implement a Streetlight Dimming Energy Efficiency Pilot project as described more fully in Appendix AA. The implementation of the pilot is conditioned on the successful recruitment of municipalities by NYPA.

I. Smart City Technologies

To facilitate the attachment of smart street lighting or "smart city" devices to customer-owned lights, the Company will publish a summary of its Make Ready Pole Attachment Process for smart city technology on its website.

Within 60 days of the Commission's issuance of a final order in these proceedings, the Company and NYPA will co-chair a working group (which will be open to other parties) that will meet monthly or bi-monthly for 24 months to: (1) review specific "smart city" devices, drawings and specifications; (2) jointly perform and review engineering assessments; (3) complete engineering and safety reviews for existing

“smart city” devices; (4) develop general guidelines for installing approved “smart city” devices in the Company’s service territory and under what circumstances additional review, if any, will be required for such devices in the future; and (5) discuss and consider Rate A “smart city” tariff/streetlighting changes. The approval of any “smart city” devices for use in the Company’s service territory will be based on relevant federal, state and local statutory and regulatory provisions, current pole construction and attachment standards and U.S. Occupational Safety and Health Administration rules and regulations, particularly those which focus on installation worker safety compliance.

Within six months of the Commission’s issuance of a final order in these proceedings, the Company will develop a standard municipal “smart city” devices attachment agreement and will publish such agreement on its website.

The Company will also further develop a single point of contact process for attaching “smart city” devices.

In addition, the Company will consult with Staff on the status and approval of utility grade network lighting control (“NLC”) node meters and metering.

XXI. EARNINGS ADJUSTMENT MECHANISMS

Under the JP, the Company will have 10 EAMs. These EAMs are described in detail in Appendix W.

A. EAM Reporting Requirements

Central Hudson will file annual EAM reports with the Secretary no later than June 1 of each year setting forth the Company’s performance relative to each EAM metric target; savings and benefits achieved; calculations for incentives earned including proration of any incentives related to metric achievement between performance levels as applicable.

B. Recovery of Electric EAM Incentives

Incentives associated with Electric EAMs will be recovered through the existing Miscellaneous Charges EAM Factor, which is a component of the Company's ECAM. Recovery will be over a twelve-month period commencing with the first billing batch of September. Recovery will be on a kWh basis for non-demand customers and on a kW basis for demand customers, with rates determined for each service classification or sub-classification based on the aggregate results of the following allocation methodologies divided by either forecast kWh or kW over the respective recovery period:

- Peak Reduction EAM: Allocated using the transmission demand allocator;
- Energy Efficiency, Combined Energy Efficiency LMI (Electric), EV Adoption and Heat Pump EAMs: Allocated using the energy allocator; and,
- Distributed Energy Resources Utilization EAM: Allocated using three allocators which will be equally weighted – coincident peak, non-coincident peak, and energy allocator.

These rates will be applied to the energy (kWh) or demand (kW) deliveries, as applicable, on the bills of all customers served under Service Classification Nos. 1, 2, 3, 5, 6, 8, 9, 13, and 14. Customers taking service under Service Classification No. 14 will be billed the rate applicable to their Parent Service Classification, which is the Service Classification that the customer would otherwise qualify for based on the customer's usage characteristics.

Recoveries (eleven months actual, one month forecast) will be reconciled to allocable costs for each twelve-month recovery period ending August 31st, with any over- or under-recoveries included in the development of succeeding Miscellaneous

Charges EAM Factors. Reconciliation amounts related to the one-month forecast will be included in the next subsequent rates determination.

For billing purposes, recovery for non-demand customers will be included in the Miscellaneous Charges, with the combined amount shown as one line item on customer bills. Cost recovery for demand customers will be through the Miscellaneous Charges II, a separate line item on customer bills.

C. Recovery of Gas EAM Incentives

Incentives associated with Gas EAMs will be recovered through the existing Gas Miscellaneous Charge mechanism. Recovery will be over a twelve-month period commencing with the first billing batch of September. Recovery will be on a Ccf basis with rates determined for each service classification based on the aggregate results of the following allocation methodologies divided by the forecast of Ccf over the respective recovery period, and applied to all deliveries on the bills of all customers served under Service Classification Nos. 1, 2, 6, 11, 12, 13, 15 and 16:

- Energy Efficiency and Combined Energy Efficiency LMI (Gas) EAMs allocated on the basis of forecasted Ccf over the recovery period; and,
- Peak Reduction EAM allocated using the winter peak demand allocator.

Recoveries (eleven months actual, one month forecast) will be reconciled to allocable costs for each twelve-month recovery period ending August 31st, with any over- or under-recoveries included in the development of succeeding Miscellaneous Charges EAM Factors. Reconciliation amounts related to the one-month forecast will be included in the next subsequent rates determination.

XXII. GEOTHERMAL RATE IMPACT CREDIT

Central Hudson will continue its GRIC Program subject to the following modifications:

The annual credit of \$200 will be paid by September 1 of each year.

Eligibility for the program is limited to residential customers already enrolled within the GRIC as of July 1, 2021 or residential customers that purchase a ground source heat pump and participate in Central Hudson's Clean Heat Program, who will be automatically enrolled for the GRIC.

Eligibility for the credit will no longer require a \$60 annual or \$4.99 per month subscription to Insights+ as the customer-facing component of the program has been discontinued.

The credit will no longer be funded through the RDM but will instead be funded through the Heat Pump budgets authorized by the 2020 Energy Efficiency Order.

The GRIC is meant to be a temporary solution, which will be eliminated following the development of a technology agnostic rate structure, such as opt-in standby or demand rates, or a rate that addresses the bill impact that geothermal heat pump customers face under the current mass market volumetric rate structure. Additionally, if such a rate is not developed prior to December 31, 2025, the GRIC will end on that date unless extended through a future Commission Order. The Company will provide notice of the end date of the GRIC to participating customers.

XXIII. CLIMATE AND ENERGY LEADERSHIP ISSUES

A. Geothermal District Loop Feasibility

The Company shall conduct a Geothermal District Loop Feasibility Study ("Geothermal Study") with a cost not to exceed \$250,000. The Geothermal Study will be funded by electric customers only. The results of the Geothermal Study shall be

made publicly available and filed with the Commission Secretary, subject to appropriate redaction of confidential trade secret, Personally Identifiable Information or Critical Infrastructure Information contained therein. The Geothermal Study shall identify areas of the Company's service territory where the potential for geothermal district loop pilots might exist.

Any geothermal feasibility studies conducted other this project shall be competitively bid and be filed with the Commission. If a Geothermal Feasibility Study identifies a particular site that is suitable for a geothermal pilot project, the Company will discuss additional project development with Staff in manner that is consistent with: (1) the framework for Reforming the Energy Vision demonstration projects as set forth in Case 14-M-0101; (2) the work being done by NYSERDA to develop community thermal systems; and (3) with State and Commission policies developed in Case 20-G-0131.

B. Environmental Sustainability Efforts

In response to New York's recent actions to promote clean energy along with the focus on the nexus between energy and the environment, the Signatory Parties have reached an agreement on a set of commitments to environmental sustainability, including the development of a greenhouse gas emissions reduction plan. These commitments are set forth in Appendix BB.

Within 60 days of the issuance of a final Commission Order in these proceedings, the Company agrees to make certain changes to its website regarding information available to customers associated with natural gas as discussed in Appendix CC.

C. Insights+ Demonstration Project

The Insights+ demonstration project shall be discontinued. Ongoing costs associated with the Advanced Metering Infrastructure (“AMI”) backend shall be included into base rates.

XXIV. SALES TAX REFUND

Upon the Commission’s approval of this Proposal, all issues and concerns raised and/or asserted, or that could have been raised and/or asserted in the Sales Tax Refund Proceeding (Case 20-M-0134), are fully and finally resolved. The Signatory Parties agree that the Refund at issue in Case 20-M-0134 will be used to moderate rates and will be allocated 52% / 48% between electric and gas customers, respectively.

XXV. MISCELLANEOUS PROVISIONS

A. Continuation of Provisions; Rate Changes; Reservation of Authority

Unless otherwise expressly provided herein, the provisions of this Proposal will continue after Rate Year 3 for electric and for gas, unless and until electric or gas base delivery service rates, respectively, are changed by Commission order. For any provision subject to Rate Year 1, Rate Year 2 and Rate Year 3 targets, the Rate Year 3 target shall be applicable to any additional Rate Year(s).

Nothing herein precludes Central Hudson from filing a new general rate case for rates to be effective on or after July 1, 2024. Except pursuant to rate changes permitted by this section, the Company will not file rates to become effective prior to July 1, 2024.

Changes to the Company’s base delivery service rates during the term of this Rate Plan will not be permitted, except for the changes provided for or detailed in this Proposal, and, subject to Commission approval, changes as a result of the following circumstances.

(1) A minor change, whose revenue effect is *de minimis* or essentially offset by associated changes within the same class or for other classes so that the difference in the revenues that the Company's base delivery service rates are designed to produce overall before such a change is *de minimis*, may be made to any individual base delivery service rate or rates. It is understood that, over time, such minor changes may be necessary and that they may continue to be sought during the term of this Rate Plan.

(2) Upon the occurrence, at any time, of circumstances that in the judgment of the Commission so threaten, respectively, the Company's economic viability or ability to maintain safe, reliable and adequate service as to warrant an exception to the limitations on rate changes provided for or detailed in this Proposal, Central Hudson will be permitted to file for an increase in base delivery service rates.

(3) The Signatories recognize that the Commission reserves the authority to act on the level of the Company's rates in the event of unforeseen circumstances that, in the Commission's opinion, have such a substantial impact on the range of earnings levels or equity costs envisioned by this Proposal as to render the Company's rates unjust or unreasonable or insufficient for the provision of safe and adequate service.

(4) Nothing herein will preclude any Signatory Party from petitioning the Commission for approval of new services, the implementation of new service classifications and/or cancellation of existing service classifications, or rate design or revenue allocation changes relating to such petition which are not contrary to the agreed upon terms and conditions set forth herein. All changes will be implemented on a revenue neutral and earnings neutral basis.

(5) The Signatory Parties reserve the right to oppose any filings made under this section.

B. Request for Exemption from Disclosure

Nothing in this Proposal prevents the Company from seeking a request for exemption from disclosure under 16 NYCRR Part 6 for all or any part(s) of any document or report filed with the Commission (or submitted to Staff) in accordance with this Proposal or prohibits or restricts any other party from challenging any such request.

C. Dispute Resolution

In the event of any disagreement over the interpretation of this JP or the implementation of any of the provisions of this JP which cannot be resolved informally among the parties, such disagreement will be resolved as follows: the parties promptly will confer and in good faith, will attempt to resolve such disagreement. If any such disagreement cannot be resolved by the parties, then the matter will be submitted to an ALJ designated by the Chief ALJ for a determination on an expedited basis using alternative dispute resolution techniques or such other procedures as the ALJ decides are appropriate under the circumstances. Within 15 days from the ALJ's decision, any party may petition the Commission for relief from the ALJ's determination on the disputed matter.

D. Provisions Not Separable

The Signatories intend this Proposal to be a complete resolution of all the issues in Cases 20-E-0428, 20-G-0429 and 20-M-0134.³⁵ The terms of this Proposal are submitted as an integrated whole. If the Commission does not accept this Proposal

³⁵ The Signatories have agreed to a process to address further actions to be taken in the future to fully effectuate this Proposal. See Section XXV.H ("Further Assurances").

according to its terms as the basis of the resolution of all issues addressed without change or condition, each Signatory shall have the right to withdraw from this Proposal upon written notice to the Commission within ten (10) days of the Commission's issuance of a final order in these proceedings. Upon such a withdrawal, that Signatory shall be free to pursue its respective positions in these proceedings without prejudice, and this Proposal shall not be used in evidence or cited against any such Signatory or used for any other purpose. It is also understood that each provision of this Proposal is in consideration and support of all the other provisions, and expressly conditioned upon by the Commission. Except as set forth herein, none of the Signatories is deemed to have approved, agreed to or consented to any principle, methodology or interpretation of law underlying or supposed to underlie any provision herein.

E. Provisions Not Precedent

The terms and provisions of this Proposal apply solely to, and are binding only in, the context of the purposes and results of this Proposal. None of the terms or provisions of this Proposal, nor any methodology or principle utilized herein, and none of the positions taken herein by any Signatory Party may be referred to, cited, or relied upon by any other Signatory Party in any fashion as precedent or otherwise in any other proceeding before this Commission or any other regulatory agency or before any court of law for any purpose other than furtherance of the purposes, results, and disposition of matters governed by this Proposal and except as may be necessary in explaining derivation of specific costs or accounting treatments as relevant to future ratemaking proceedings. Concessions made by Signatories on various electric and gas issues included in the JP do not preclude those parties from addressing such issues in future rate proceedings or in other proceedings. This Proposal shall not be construed,

interpreted or otherwise deemed in any respect to constitute an admission by any Signatory regarding any allegation, contention, or issue rose in these proceedings or addressed in this Proposal.

F. Submission of Proposal

Each Signatory Party agrees to submit this Proposal to the Commission, to support and request its adoption by the Commission, and not to take a position in these proceedings contrary to the agreements set forth herein or to assist another participant in taking such a contrary position in these proceedings. The Signatories believe that the resolution of the issues, as set forth in the Proposal, is just and reasonable and otherwise in accordance with the PSL, the Commission's regulations and applicable Commission precedent. The Signatories believe that the Proposal will satisfy the requirements of PSL § 65(1) that Central Hudson provide safe and adequate service at just and reasonable rates.

G. Effect of Commission Adoption of Terms of this Proposal

No provision of this Proposal or the Commission's adoption of the terms of this Proposal shall in any way abrogate or limit the Commission's statutory authority under the PSL. The Signatories recognize that any Commission adoption of the terms of this Proposal does not waive the Commission's ongoing rights and responsibilities to enforce its orders and effectuate the goals expressed therein, nor the rights and responsibilities of Staff to conduct investigations or take other actions in furtherance of its duties and responsibilities.

H. Further Assurances

The Signatories recognize that certain provisions of this Proposal require that actions be taken in the future to fully effectuate this Proposal. Accordingly, the Signatories agree to cooperate with each other in good faith in taking such actions.

I. Extension

Nothing in this Proposal will be construed as precluding the Signatories and other interested parties from convening in the future and from reaching agreement to extend the term of the Rate Plan set forth in this Proposal on mutually acceptable terms and from presenting an agreement concerning such extension to the Commission for its approval.

J. Scope of Provisions

No term or provision of this Proposal that relates specifically to one or more but not all of electric and gas service, limits any rights of the Company or any party to petition the Commission for any purpose with respect to the service(s) not specified in such term or provision.

K. Execution

This Proposal may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument which shall be binding upon each Signatory Party when its executed counterpart is filed with the Secretary to the Commission. This JP will be binding on each and every Signatory when the counterparts have been executed. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a "pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf

such signature is executed) with the same force and effect as if such facsimile or “pdf” signature page were an original thereof.

L. Entire Agreement

This Proposal, including all attachments, exhibits and appendices, if any, represents the entire agreement of the Signatories with respect to the matters resolved herein.

IN WITNESS WHEREOF, the Signatories hereto have affixed their signatures below as evidence of their agreement to be bound by the provisions of this Proposal.

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).




Christopher M. Capone
Executive Vice President
& Chief Financial Officer
Central Hudson Gas & Electric Corporation

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).



John Favreau
Staff Counsel
New York State Department of Public Service

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 23rd day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).



Michael B. Mager, Esq.
Partner, Couch White LLP
Counsel to Multiple Intervenors

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he, she or they are fully authorized to execute this JP and, if executing this JP in a representative capacity, that he, she or they are fully authorized to execute it on behalf of their principal(s).

A handwritten signature in black ink, appearing to read "Richard Berkley", written over a horizontal line.

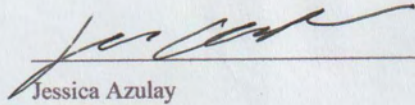
Richard Berkley
Executive Director
Public Utility Law Project of New York

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).

A handwritten signature in black ink, appearing to read "Erin P. Hogan", written over a horizontal line.

Erin P. Hogan
Director, Utility Intervention Unit
Division of Consumer Protection
New York State Department of State

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that they are fully authorized to execute this JP and, if executing this JP in a representative capacity, that they are fully authorized to execute it on behalf of their principal(s).

A handwritten signature in dark ink, appearing to read 'Jessica Azulay', is written over a horizontal line.

Jessica Azulay

Executive Director

Alliance for a Green Economy

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021.

Dutchess County New York has been an active participant in the Central Hudson rate proceedings Cases 20-E-0428 and 20-G-0429 before the New York State Public Service Commission looking to assure an equitable Settlement between Department Staff, other active parties, and Central Hudson in these rate proceedings which best serve those who live, visit and deal with Dutchess County. Dutchess is best served by reliable reasonably priced gas and electric service which is provided by an organization capable of long-term sustainability. No Settlement is perfect but Dutchess does believe that the Settlement process in which the Company, Department of Public Service Staff, and parties with diverse interests engaged, has produced reasonable accommodations of the areas of contentions raised in the original rate cases filed by Central Hudson and as such does support the Settlement herein negotiated and filed with the Commission.



Marcus J. Molinaro
County Executive
Dutchess County, New York

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).



Sarah Salati
Executive Vice President
Chief Commercial Officer
New York Power Authority

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the ___22__ day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).

John Rath

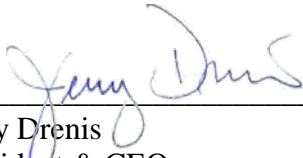
John Rath
Director of Operations
NY-GEO

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).

A handwritten signature in black ink that reads "Stacey Rantala". The signature is written in a cursive style with a horizontal line underneath the name.


Stacey Rantala
Associate Director
Government & Regulatory Affairs
Family Energy, Inc.

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 24th day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).



Jerry Drenis
President & CEO
Marathon Power LLC

WHEREFORE, this JP in Cases 20-E-0428 and 20-G-0429 has been agreed to as of the 23 day of August, 2021, by and among the following, each of whom, by its signature, represents that he or she is fully authorized to execute this JP and, if executing this JP in a representative capacity, that he or she is fully authorized to execute it on behalf of his or her principal(s).


Name: Melissa A. Cobuzzi
Entity: M&R Energy Resources Corporation

Appendix A, Schedule 1

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Income Statements
(\$000)

	Rate Years Ending		
	6/30/22	6/30/23	6/30/24
<u>Operating Revenues</u>			
Delivery Revenues - Before Increase	397,568	399,246	422,314
Rate Increase	(3,017)	18,974	20,112
Revenue Taxes	6,758	7,416	8,094
Legacy Hydro Revenue	2,100	2,100	2,100
Other Operating Revenues	11,009	11,122	11,227
Total Operating Revenues	<u>414,417</u>	<u>438,857</u>	<u>463,848</u>
<u>Operating Expenses</u>			
Labor	71,252	74,763	78,354
Executive Incentive Compensation	671	691	712
Employee Benefits	11,033	11,609	12,187
Pension Plan	(4,542)	(7,274)	(5,212)
Other Post Employee Benefits	(5,276)	(5,673)	(4,421)
Employee Training, Safety & Education	2,208	2,254	2,301
Production Maintenance	378	386	394
Right of Way Maintenance - Transmission	3,680	3,502	3,517
Right of Way Maintenance - Distribution	23,412	24,124	24,951
Stray Voltage Testing	594	598	617
System Engineering & Compliance	169	172	176
Substation Testing & Maintenance	624	637	650
Transmission Repairs & Maintenance	1,450	1,481	1,512
Distribution Repairs & Maintenance	2,968	3,311	3,293
Transformer Installations & Removals	(228)	(233)	(238)
Informational & Institutional Advertising	190	194	198
Meter Installations, Removals & Maintenance	(877)	(896)	(914)
Research and Development	2,593	2,650	2,704
Economic Development	400	800	800
Meter Reading, Collections & Call Volume Overflow	2,562	2,608	2,655
Bill Print	604	617	630
Postage	1,217	1,242	1,268
Payment by Credit/Debit Card	933	1,081	1,276
Low Income Program	6,795	7,252	7,709
Uncollectible Accounts	3,330	3,527	3,730
Regulatory Commission General Assessment	2,098	2,142	2,189
Environmental SIR Costs	6,328	6,461	6,596
Environmental All Other	164	168	171
Information Technology	11,815	12,063	12,545
Telephone	1,794	1,832	1,870
Rental Agreements	2,084	2,128	2,173
Security of Infrastructure	2,239	2,286	2,334
Maintenance of Buildings & Grounds	2,032	2,075	2,119
Major Storm Reserve	4,674	4,674	4,674
Non Major Storm Restoration	6,129	6,258	6,389
Material & Supplies	3,204	3,271	3,340
Stores Clearing to Expense	138	141	144
Transportation - Depreciation	2,784	2,920	3,064
Transportation - Fuel	811	828	845
Transportation - All Other	1,502	1,533	1,566
Rate Case Expenses	481	481	481
Legal Services	1,217	1,242	1,268
Consulting & Professional Services	2,252	2,306	2,362
Miscellaneous General Expenses	4,618	4,715	4,814
Injuries & Damages	3,174	3,333	3,500
Other Operating Insurance	766	782	798
Office Supplies	1,273	1,300	1,327
Management & Operational Audit Costs	72	72	-
Energy Efficiency	9,773	11,724	8,014
Heat Pump Program	2,006	2,033	2,033
Expenses Allocated to Affiliates	(1)	(1)	(1)
Miscellaneous Charges	1,241	1,267	1,294
Amortization of Unprotected Asset (TCJA)	-	-	-
Productivity Imputation	(777)	(789)	(867)
COVID-19 Adjustment – Customer Bill Moderation	(3,377)	-	-
Inflation Reduction	(140)	(143)	(146)
Total Operating Expenses	<u>196,514</u>	<u>206,525</u>	<u>213,745</u>
<u>Other Deductions</u>			
Property Taxes	44,793	48,608	52,375
Revenue Taxes	6,758	7,416	8,094
Payroll Taxes	5,206	5,456	5,712
Other Taxes	3,611	3,758	3,885
Depreciation	58,660	62,066	66,889
Total Other Deductions	<u>119,028</u>	<u>127,304</u>	<u>136,955</u>
Federal Income Taxes	10,304	11,461	13,080
State Income Taxes	5,700	6,033	5,836
Total Income Taxes	<u>16,004</u>	<u>17,494</u>	<u>18,915</u>
Total Operating Revenue Deductions	<u>331,546</u>	<u>351,323</u>	<u>369,616</u>
Operating Income	<u>\$82,871</u>	<u>\$87,534</u>	<u>\$94,232</u>
Rate Base	<u>\$1,278,935</u>	<u>\$1,367,967</u>	<u>\$1,488,729</u>
Rate of Return	<u>6.48%</u>	<u>6.40%</u>	<u>6.33%</u>

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas Income Statements
(\$000)

	Rate Years Ending		
	6/30/22	6/30/23	6/30/24
<u>Operating Revenues</u>			
Delivery Revenues - Before Increase	120,014	127,823	136,970
Rate Increase	4,580	6,059	6,231
Revenue Taxes	2,515	2,839	3,156
Interruptible Imputation	3,200	3,200	3,200
Danskammer Revenue	1,500	1,500	1,500
Other Operating Revenues	1,338	1,375	1,419
Total Operating Revenues	133,147	142,796	152,476
<u>Operating Expenses</u>			
Labor	22,032	22,831	23,618
Executive Incentive Compensation	168	173	178
Employee Benefits	3,198	3,327	3,455
Pension Plan	(1,323)	(2,094)	(1,483)
Other Post Employee Benefits	(1,536)	(1,633)	(1,258)
Employee Training, Safety & Education	812	967	883
System Engineering & Compliance	86	88	90
T&D Repairs & Maintenance	2,700	2,757	2,815
Pipeline Integrity & Inspection	2,388	2,432	2,477
Gas Leak Repairs - Distribution Main	921	831	760
Meter Installations, Removals & Maintenance	(459)	(468)	(478)
Research and Development	625	638	651
Economic Development	100	200	200
Informational & Institutional Advertising	48	49	50
Meter Reading, Collections & Call Volume Overflow	635	646	658
Bill Print	151	154	157
Postage	304	311	317
Payment by Credit/Debit Card	233	270	319
Low Income Program	3,103	3,103	3,103
Uncollectible Accounts	1,148	1,237	1,323
Regulatory Commission General Assessment	610	623	636
Environmental SIR Costs	1,582	1,615	1,649
Environmental All Other	50	51	52
Information Technology	3,032	3,095	3,218
Telephone	414	423	432
Rental Agreements	412	413	417
Security of Infrastructure	561	573	585
Maintenance of Buildings & Grounds	453	463	473
Material & Supplies	944	964	984
Stores Clearing to Expense	41	42	43
Transportation - Depreciation	1,056	1,108	1,162
Transportation - Fuel	308	314	321
Transportation - All Other	682	697	711
Rate Case Expenses	120	120	120
Legal Services	294	301	307
Consulting & Professional Services	311	319	328
Miscellaneous General Expenses	1,190	1,215	1,241
Injuries & Damages	843	882	916
Other Operating Insurance	183	187	191
Office Supplies	341	348	355
Management & Operational Audit Costs	20	20	-
Energy Efficiency	682	1,682	1,265
Expenses Allocated to Affiliates	-	-	-
Miscellaneous Charges	1,030	1,051	1,073
Amortization of Unprotected Asset (TCJA)	-	-	-
Productivity Imputation	(239)	(240)	(260)
COVID-19 Adjustment - Customer Bill Moderation	(1,169)	-	-
Gas Safety Programs	273	423	423
Contractor Cost Reduction	(198)	(202)	(206)
Inflation Reduction	(64)	(65)	(67)
Total Operating Expenses	49,096	52,241	54,204
<u>Other Deductions</u>			
Property Taxes	19,234	21,430	23,542
Revenue Taxes	2,515	2,839	3,156
Payroll Taxes	1,515	1,571	1,625
Other Taxes	510	523	537
Depreciation	18,563	19,870	21,518
Total Other Deductions	42,337	46,233	50,378
State Income Taxes	1,999	2,113	2,128
Federal Income Taxes	4,246	4,543	5,175
Total Income Taxes	6,245	6,656	7,303
Total Operating Revenue Deductions	97,678	105,130	111,885
Operating Income	\$35,469	\$37,666	\$40,590
Rate Base	\$547,365	\$588,537	\$641,245
Rate of Return	6.48%	6.40%	6.33%

Appendix A, Schedule 3

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Rate Base
(\$000)

	Rate Years Ending		
	6/30/22	6/30/23	6/30/24
Book Cost of Utility Plant	\$2,017,680	\$2,130,211	\$2,259,518
Less: Accumulated Provision for Depreciation and Amortization	<u>(517,897)</u>	<u>(543,048)</u>	<u>(566,811)</u>
Net Plant	1,499,783	1,587,163	1,692,707
Noninterest-Bearing Construction Work in Progress	25,193	28,234	29,140
Customer Advances for Undergrounding	(1,040)	(1,040)	(1,040)
Deferred Charges	(105,694)	(92,874)	(57,844)
Accumulated Deferred Federal Taxes	(172,295)	(185,455)	(202,605)
Accumulated Deferred State Taxes	(34,086)	(38,722)	(45,591)
Working Capital	<u>64,401</u>	<u>67,988</u>	<u>71,289</u>
Unadjusted Rate Base	1,276,262	1,365,294	1,486,056
Capitalization Adjustment to Rate Base	<u>2,673</u>	<u>2,673</u>	<u>2,673</u>
Total	<u>\$1,278,935</u>	<u>\$1,367,967</u>	<u>\$1,488,729</u>

Appendix A, Schedule 4

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas Rate Base
(\$000)

	Rate Years Ending		
	<u>6/30/22</u>	<u>6/30/23</u>	<u>6/30/24</u>
Book Cost of Utility Plant	\$805,312	\$862,480	\$930,380
Less: Accumulated Provision for Depreciation and Amortization	<u>(176,222)</u>	<u>(187,834)</u>	<u>(201,270)</u>
Net Plant	629,090	674,646	729,110
Noninterest-Bearing Construction Work in Progress	21,026	21,227	19,585
Customer Advances for Undergrounding	(409)	(409)	(409)
Deferred Charges	(47,762)	(45,450)	(37,953)
Accumulated Deferred Federal Taxes	(62,769)	(68,871)	(75,154)
Accumulated Deferred State Taxes	(12,838)	(14,881)	(17,361)
Working Capital	<u>19,907</u>	<u>21,155</u>	<u>22,307</u>
Unadjusted Rate Base	546,245	587,417	640,125
Capitalization Adjustment to Rate Base	<u>1,120</u>	<u>1,120</u>	<u>1,120</u>
Total	<u><u>\$547,365</u></u>	<u><u>\$588,537</u></u>	<u><u>\$641,245</u></u>

Appendix B Sheet 1 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Illustrative Example of Make Whole Provision - Electric

	Jul-21			Current Rates					Proposed Rates					Unrealized Revenue
	Custs/Faces	kWh	kW	Cust. Chg.	kWh	MFC kWh	Bill Credit	kW	Cust. Chg.	kWh	MFC kWh	Bill Credit	kW	
SC 1 Residential	261,662	187,362,285		\$ 19.50	\$ 0.09283	\$ 0.00501	\$ -		\$ 19.50	\$ 0.09262	\$ 0.00475	\$ 0.00062		\$ 28,104
SC 2 Non Demand	30,907	13,357,224		\$ 30.50	\$ 0.05921	\$ 0.00694	\$ -		\$ 30.50	\$ 0.05851	\$ 0.00714	\$ 0.00049		\$ (134)
SC 2 Secondary	11,821	126,774,274	437,153	\$ 97.00	\$ 0.00430	\$ 0.00031	\$ -	\$ 12.18	\$ 100.00	\$ 0.00424	\$ 0.00033	\$ 0.00033	\$ 11.92	\$ (41,432)
SC 2 Primary	146	17,939,437	57,869	\$ 414.00	\$ 0.00122	\$ 0.00003	\$ -	\$ 9.43	\$ 425.00	\$ 0.00118	\$ 0.00003	\$ 0.00018	\$ 9.23	\$ (7,456)
SC 3 Primary	36	27,124,323	60,954	\$ 1,950.00			\$ -	\$ 11.92	\$ 2,150.00			\$ 0.06000	\$ 11.69	\$ (3,162)
SC 5 Area Lighting **	3,961	730,000		\$ 158,820.00		\$ 0.01197	\$ -		\$ 156,517.00		\$ 0.01352	\$ 0.00063		\$ (1,843)
SC 6 Residential TOU 12 Hour on pk^^	970	462,000		\$ 22.50	\$ 0.12006	\$ 0.00193	\$ -		\$ 22.50	\$ 0.11649	\$ 0.00215	\$ 0.00041		\$ (1,358)
SC 6 Residential TOU 12 Hour off pk^^		858,000			\$ 0.04002	\$ 0.00193	\$ -			\$ 0.03883	\$ 0.00215	\$ 0.00041		\$ (832)
SC 6 Residential TOU 5 Hour on pk				\$ 22.50	\$ 0.10237	\$ 0.00193	\$ -		\$ 22.50	\$ 0.10213	\$ 0.00215	\$ 0.00041		
SC 6 Residential TOU 5 Hour off pk					\$ 0.08860	\$ 0.00193	\$ -			\$ 0.08839	\$ 0.00215	\$ 0.00041		
SC 8 Street Lighting **	210	790,000		\$ 430,438.00		\$ 0.00049	\$ -		\$ 427,780.00		\$ 0.00066	\$ 0.00257		\$ (628)
SC 9 Traffic Signals	200	60,000		\$ 4.03		\$ 0.00329	\$ -		\$ 3.83		\$ 0.01050	\$ 0.00139		\$ 476
SC 13 Substation	7	10,150,000	18,485	\$ 5,200.00			\$ -	\$ 10.96	\$ 6,000.00			\$ 0.06000	\$ 9.85	\$ (13,809)
SC 13 Transmission	6	61,050,000	98,219	\$ 8,500.00			\$ -	\$ 6.76	\$ 9,600.00			\$ 0.03000	\$ 5.93	\$ (71,975)
Total														\$ (114,050)

^^ Actual make whole calculation will reflect customers and kWh billed at 5-hr rate and 12-hr rate, as applicable.

** Total fixture revenue included in Cust. Chg. Column.

Month of July 2021 shown for illustrative purposes. Actual time period covered by make whole may extend beyond illustrative time period shown here.

Appendix B Sheet 2 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Illustrative Example of Make Whole Provision - Gas

	Jul-21			Current Rates					Proposed Rates					Unrealized Revenue
	Customers	Mcf	MDQ	Cust. Chg.	Ccf	MFC Ccf	Bill Credit	MDQ	Cust. Chg.	Ccf	MFC Ccf	Bill Credit	MDQ	
SC 1/ 12 Residential														
Block 1	72,107	4,458		\$ 24.25			\$ -		\$ 24.25			\$ (0.00827)		\$ -
Block 2		56,923			\$ 1.35930					\$ 1.36500				\$ 3,245
Block 3		74,870			\$ 0.62480					\$ 0.71420				\$ 66,934
MFC						\$ 0.02533					\$ 0.01812			\$ (9,824)
Gas Bill Credit														\$ (11,268)
SC 2/6/13 Non-Residential														
Block 1	12,409	881		\$ 39.00			\$ -		\$ 39.00			\$ (0.00389)		\$ -
Block 2		30,126			\$ 0.69190					\$ 0.68000				\$ (3,585)
Block 3		172,039			\$ 0.41290					\$ 0.47530				\$ 107,352
Block 4		78,381			\$ 0.33450					\$ 0.37510				\$ 31,823
MFC						\$ 0.02799					\$ 0.01806			\$ (27,946)
Gas Bill Credit														\$ (10,948)
SC 11 DLM														
Customer Charge - First 1,000 ccf	1			\$ 6,800.00			\$ -		\$ 7,000.00			\$ (0.00090)		
Block 1		100			\$ 0.02260					\$ 0.02210				\$ 200
Block 2		30,116												\$ (150)
MDQ			4,900					\$ 13.44					\$ 14.31	\$ 4,263
Gas Bill Credit														\$ (254)
SC 11 D														
Customer Charge - First 1,000 ccf	3			\$ 1,200.00			\$ -		\$ 1,500.00			\$ (0.00100)		
Block 1		300			\$ 0.03570					\$ 0.03700				\$ 900
Block 2		49,035												\$ 639
MDQ			3,352					\$ 18.90					\$ 19.66	\$ 2,548
Gas Bill Credit														\$ (473)
SC 11 T														
Customer Charge - First 1,000 ccf	2			\$ 3,600.00			\$ -		\$ 4,000.00			\$ (0.00072)		
Block 1		200			\$ 0.01660					\$ 0.01710				\$ 800
Block 2		41,260												\$ 206
MDQ			8,548					\$ 8.02					\$ 8.40	\$ 3,248
Gas Bill Credit														\$ (284)
SC 11 EG														
Customer Charge	1			\$ 1,700.00					\$ 1,800.00					\$ 100
MDQ			5,000					\$ 11.84					\$ 12.87	\$ 5,150
Total														\$ 162,676

Month of July 2021 shown for illustrative purposes. Actual time period covered by make whole may extend beyond illustrative time period shown here.

Appendix C, Schedule 1

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Net Plant Targets (Excluding ERP Phase III) (\$000)

	Electric ¹		
	RY1	RY2	RY3
<u>Electric Net Plant Targets²:</u>			
Plant In Service	2,017,680	2,130,211	2,231,992
Accumulated Reserve ³	(517,897)	(543,048)	(565,856)
Net Plant	1,499,783	1,587,163	1,666,137
NIBCWIP	24,549	27,590	29,113
Net Electric Plant Targets	1,524,332	1,614,753	1,695,250

5

<u>Depreciation Expense Targets:</u>			
Transportation Depreciation ⁴	2,784	2,920	3,064
Depreciation Expense ⁴	58,660	62,066	64,974
Electric Depreciation Expense Target	61,444	64,986	68,038

5

	Gas ¹		
	RY1	RY2	RY3
<u>Gas Net Plant Targets²:</u>			
Plant In Service	805,312	862,480	923,499
Accumulated Reserve ³	(176,222)	(187,834)	(201,031)
Net Plant	629,090	674,646	722,467
NIBCWIP	20,865	21,066	19,578
Net Gas Plant Targets	649,955	695,712	742,046

5

<u>Depreciation Expense Targets:</u>			
Transportation Depreciation ⁴	1,056	1,108	1,162
Depreciation Expense ⁴	18,563	19,870	21,039
Gas Depreciation Expense Target	19,619	20,978	22,201

5

¹ - Electric and Gas amounts include allocation of Common Plant.

² - Electric and Gas Plant, Reserves and NIBCWIP are from the respective Rate Base amounts shown on Appendix A, Schedules 3 and 4, less ERP Phase III as shown on Appendix C, Schedule 1.

³ - Includes Retirement Work-in-Progress.

⁴ - Electric and Gas Depreciation are from the respective Income Statement amounts shown on Appendix A, Schedules 1 and 2, less ERP Phase III as shown on Appendix C, Schedule 1.

⁵ - Net Plant and Depreciation Targets.

Appendix C, Schedule 2

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Example Calculation of Revenue Requirements on Net Plant Targets
(\$000)

	Electric ¹			Gas ¹		
	RY1	RY2	RY3	RY1	RY2	RY3
<u>Targets²:</u>						
Net Plant & NIBCWIP	1,524,332	1,614,753	1,695,250	649,955	695,712	742,046
Depreciation Expense	61,444	64,986	68,038	19,619	20,978	22,201
<u>Actual (For Illustrative Purposes Only):</u>						
Total Net Plant & NIBCWIP	1,526,000	1,617,500	1,694,000	646,000	696,000	750,000
Depreciation Expense	62,000	65,000	67,000	19,500	21,000	22,500
<u>Difference (For Illustrative Purposes Only):</u>						
Total Net Plant & NIBCWIP	1,668	2,747	(1,250)	(3,955)	288	7,954
Depreciation Expense	556	14	(1,038)	(119)	22	299
<u>Determination of Revenue Requirements:</u>						
<u>Return Component:</u>						
Net Plant & NIBCWIP Difference	1,668	2,747	(1,250)	(3,955)	288	7,954
x Pre-tax WACC	8.07%	7.96%	7.86%	8.07%	7.96%	7.86%
Return Component	135	219	(98)	(319)	23	625
<u>Revenue Requirement on Differences:</u>						
Depreciation	556	14	(1,038)	(119)	22	299
Return Component	135	219	(98)	(319)	23	625
Total	691	233	(1,136)	(438)	45	924
Cumulative Revenue Requirement Impact	691	923	(213)	(438)	(393)	531
Amount Deferred for Customer Benefit -						
Smaller of Cumulative Amount at End of RY3 or \$0 ³			(213)			-

¹ - Electric and Gas amounts include allocation of Common Plant

² - See Appendix C, Schedule 1

³ - Negative amounts indicate Regulatory Liabilities due to Customers.

Appendix D, Schedule 1

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
ERP Phase III Deferral
Net Plant, Depreciation Expense & O&M Expense
(\$000)

	Electric ¹				
	RY1	RY2	RY3	TME 6/30/2025	TME 6/30/2026
Electric Net Plant Targets²:					
Plant In Service	-	-	27,526	44,819	63,872
Accumulated Reserve	-	-	(955)	(3,166)	(7,130)
Net Plant	-	-	26,570	41,654	56,743
NIBCWIP	644	644	27	-	-
Net Electric Plant Targets	644	644	26,597	41,654	56,743

Depreciation Expense Targets²:					
Electric Depreciation Expense Target	-	-	1,915	3,085	4,258

Operating & Maintenance Expense Targets³:					
Electric O&M Expense Target	-	3,162	2,590	1,978	-

	Gas ¹				
	RY1	RY2	RY3	TME 6/30/2025	TME 6/30/2026
Gas Net Plant Targets²:					
Plant In Service	-	-	6,881	11,205	15,968
Accumulated Reserve	-	-	(239)	(791)	(1,782)
Net Plant	-	-	6,643	10,413	14,186
NIBCWIP	161	161	7	-	-
Net Electric Plant Targets	161	161	6,649	10,413	14,186

Depreciation Expense Targets²:					
Gas Depreciation Expense Target	-	-	479	771	1,065

Operating & Maintenance Expense Targets³:					
Gas O&M Expense Target	-	790	648	494	-

¹ - Electric and Gas amounts include allocation of Common Plant.

² - Electric and Gas Plant, NIBCWIP, Accumulated Reserve, and Depreciation Expense are from final plant models; details shown on Appendix D, Schedule 2

³ - O&M Targets are per final ERP Phase III agreement and are allocated based on common allocation

Appendix D, Schedule 2

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
ERP Phase III - Net Plant & Depreciation Expense Detail
(\$000)

	Non-Interest Bearing Construction Expenditures	Interest Bearing Construction Expenditures	AFUDC	Cumulative CWIP Balance	Plant In-Service	Plant In-Service Balance	Depreciation Expense	Accumulated Reserve
Prior Balance	805	-	-	-	-	-	-	-
Jan-22	805	-	-	-	-	-	-	-
Feb-22	805	-	-	-	-	-	-	-
Mar-22	805	-	-	-	-	-	-	-
Apr-22	805	256	-	256	-	-	-	-
May-22	805	256	1	513	-	-	-	-
Jun-22	805	256	2	772	-	-	-	-
Jul-22	805	412	4	1,187	-	-	-	-
Aug-22	805	1,695	6	2,888	-	-	-	-
Sep-22	805	1,566	14	4,468	-	-	-	-
Oct-22	805	2,611	22	7,101	-	-	-	-
Nov-22	805	3,166	34	10,301	-	-	-	-
Dec-22	805	3,066	50	13,418	-	-	-	-
Jan-23	805	4,047	64	17,529	-	-	-	-
Feb-23	805	3,190	84	20,802	-	-	-	-
Mar-23	805	3,649	99	24,551	-	-	-	-
Apr-23	805	3,646	117	28,314	-	-	-	-
May-23	805	3,177	135	31,626	-	-	-	-
Jun-23	805	1,859	151	33,636	-	-	-	-
Jul-23	-	2,366	165	946	35,221	35,221	196	196
Aug-23	-	716	5	1,171	496	35,717	198	394
Sep-23	-	1,214	6	2,112	278	35,995	200	594
Oct-23	-	1,831	10	3,953	-	35,995	200	794
Nov-23	-	1,828	19	5,801	-	35,995	200	994
Dec-23	-	1,895	28	7,724	-	35,995	200	1,194
Jan-24	-	2,389	38	10,150	-	35,995	200	1,394
Feb-24	-	2,206	49	12,406	-	35,995	200	1,594
Mar-24	-	2,523	60	14,989	-	35,995	200	1,794
Apr-24	-	2,806	73	17,868	-	35,995	200	1,994
May-24	-	3,569	87	21,524	-	35,995	200	2,194
Jun-24	-	2,632	105	24,260	-	35,995	200	2,394
Jul-24	-	3,001	118	27,379	-	35,995	200	2,594
Aug-24	-	3,000	133	30,512	-	35,995	200	2,794
Sep-24	-	3,032	148	33,692	-	35,995	200	2,994
Oct-24	-	2,856	164	36,712	-	35,995	200	3,194
Nov-24	-	2,699	178	39,589	-	35,995	200	3,394
Dec-24	-	2,085	192	41,866	-	35,995	200	3,594
Jan-25	-	1,155	204	-	43,226	79,221	440	4,034
Feb-25	-	441	-	-	441	79,662	443	4,476
Mar-25	-	179	-	-	179	79,841	444	4,920
Apr-25	-	-	-	-	-	79,841	444	5,363
May-25	-	-	-	-	-	79,841	444	5,807
Jun-25	-	-	-	-	-	79,841	444	6,251
Jul-25	-	-	-	-	-	79,841	444	6,694
Aug-25	-	-	-	-	-	79,841	444	7,138
Sep-25	-	-	-	-	-	79,841	444	7,581
Oct-25	-	-	-	-	-	79,841	444	8,025
Nov-25	-	-	-	-	-	79,841	444	8,468
Dec-25	-	-	-	-	-	79,841	444	8,912
Jan-26	-	-	-	-	-	79,841	444	9,355
Feb-26	-	-	-	-	-	79,841	444	9,799
Mar-26	-	-	-	-	-	79,841	444	10,243
Apr-26	-	-	-	-	-	79,841	444	10,686
May-26	-	-	-	-	-	79,841	444	11,130
Jun-26	-	-	-	-	-	79,841	444	11,573

Rate Year 1 - Rate Base	805
Electric @ 80%	644
Gas @ 20%	161

Rate Year 3 - Rate Base	34,407		1,194
Electric @ 80%	27,526		955
Gas @ 20%	6,881		239

Rate Year 2 - Rate Base	805
Electric @ 80%	644
Gas @ 20%	161

Rate Year 3 - Depreciation Exp		2,394	
Electric @ 80%		1,915	
Gas @ 20%		479	

Rate Year 3 - Rate Base	34
Electric @ 80%	27
Gas @ 20%	7

TME 6/30/2025 - Rate Base	56,024		3,957
Electric @ 80%	44,819		3,166
Gas @ 20%	11,205		791

TME 6/30/2025 - Rate Base	-
Electric @ 80%	-
Gas @ 20%	-

TME 6/30/2025 - Depreciation Exp		3,857	
Electric @ 80%		3,085	
Gas @ 20%		771	

TME 6/30/2026 - Rate Base	-
Electric @ 80%	-
Gas @ 20%	-

TME 6/30/2026 - Rate Base	79,841		8,912
Electric @ 80%	63,872		7,130
Gas @ 20%	15,968		1,782

TME 6/30/2026 - Depreciation Exp		5,323	
Electric @ 80%		4,258	
Gas @ 20%		1,065	

Appendix D, Schedule 3

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Example Calculation of ERP Phase III Deferral
(\$000)

	Electric ¹					Gas ¹				
	RY1	RY2	RY3	TME 6/30/2025	TME 6/30/2026	RY1	RY2	RY3	TME 6/30/2025	TME 6/30/2026
<u>Targets²:</u>										
Net Plant	644	644	26,597	41,654	56,743	161	161	6,649	10,413	14,186
Depreciation Expense	-	-	1,915	3,085	4,258	-	-	479	771	1,065
Operating & Maintenance Expenses	-	3,162	2,590	1,978	-	-	790	648	494	-
<u>Actual (For Illustrative Purposes Only):</u>										
Total Net Plant & NIBCWIP	644	644	27,227	39,800	58,000	161	161	6,807	9,950	14,500
Depreciation Expense	-	-	1,850	3,100	4,300	-	-	463	775	1,075
Operating & Maintenance Expenses	-	2,500	3,500	1,750	-	-	625	875	438	-
<u>Difference (For Illustrative Purposes Only):</u>										
Total Net Plant & NIBCWIP	-	-	630	(1,854)	1,257	-	-	158	(463)	314
Depreciation Expense	-	-	(65)	15	42	-	-	(16)	4	10
Operating & Maintenance Expenses	-	(662)	910	(228)	-	-	(165)	227	(57)	-
<u>Determination of Revenue Requirements:</u>										
<u>Return Component:</u>										
Net Plant & NIBCWIP Difference	-	-	630	(1,854)	1,257	-	-	158	(463)	314
x Pre-tax WACC	8.07%	7.96%	7.86%	7.86%	7.86%	8.07%	7.96%	7.86%	7.86%	7.86%
Return Component	-	-	49	(146)	99	-	-	12	(36)	25
<u>Revenue Requirement on Differences:</u>										
Depreciation	-	-	(65)	15	42	-	-	(16)	4	10
Return Component	-	-	49	(146)	99	-	-	12	(36)	25
Total	-	-	(16)	(131)	141	-	-	(4)	(33)	35
Cumulative Revenue Requirement Impact	-	-	(16)	(147)	(6)	-	-	(4)	(37)	(1)
Operating & Maintenance Expenses	-	(662)	910	(228)	-	-	(165)	227	(57)	-
Cumulative Operating & Maintenance Expenses	-	(662)	248	20	20	-	(165)	62	5	5
Amount Deferred for Customer Benefit - Smaller of Cumulative Amount at End of 6/30/2026 or \$0 ³					-					-
Amount Absorbed by the Company - Larger of Cumulative Amount at End of 6/30/2026 or \$0 ³					14					4

¹ - Electric and Gas amounts include allocation of Common Plant

² - See Appendix D, Schedule 1

³ - Negative amounts indicate Regulatory Liabilities due to Customers; Positive amounts reflect incremental expense not reflected in rates



Appendix E
 Sheet 1 of 2
 Central Hudson Gas & Electric Corporation
 Case 20-E-0428 and Case 20-G-0429

The annual reports called for in item V.A.5 of this Proposal will be comprised of the two spreadsheets in this Appendix, appropriately filled out by the Company to reflect actual and forecasted events for the preceding calendar year.

Major Capital Project Report (all projects over \$1,000,000)

Cat #	Work Order #	Project Description*	Investment Category	Project Expenditures (\$,000)											Project In-Service Date		Notes
				Baseline Cost Estimate	Actuals thru 12/31/20xx	2016 and Prior Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021	Future Years	Total	%Total to Baseline Estimate	Baseline Estimate	Projected or Actual	
		ELECTRIC GENERATION															
		ELECTRIC TRANSMISSION															
		ELECTRIC SUBSTATION															
		ELECTRIC DISTRIBUTION															
		GAS DISTRIBUTION IMPROVEMENT															
		COMMON PROGRAMS															
TOTAL				0	0	0	0	0	0	0	0	0	0	0			

*CLCPA Phase 1 projects and programs will be included regardless of total cost threshold



20XX Construction Budget

Budget vs Actual Expenditures
 Major Variation Explanations (Variations +/- 20% and \$500K)

Year: 20XX	Month: December	Category: All
------------	-----------------	---------------

Charge Type: Additions

Category	Work Order Group	2020 Year End Actuals	2020 Budget	Variance	% Budget (Act/Bud)
Additions - Total					
Electric - Total					
Electric	11 - Electric - Hydro/Gas Turbines				
Electric	12 - Electric - Transmission				
Electric	13 - Electric - Substations				
Electric	14 - Electric - Distrib. New Bus.				
Electric	15 - Electric - Distribution Improv				
Electric	16 - Electric - Transformers				
Electric	17 - Electric - Meters				
Electric	19 - Electric - Storm Damage				
Gas - Total					
Gas	22 - Gas - Transmission				
Gas	23 - Gas - Regulator Stations				
Gas	24 - Gas - Distrib. New Business				
Gas	25 - Gas - Distribution Improvements				
Gas	27 - Gas - Meters				
Common - Total					
Common	41 - Common - Land & Structures				
Common	4210 - General Office Equip.				
Common	4220 - Software				
Common	4222 - IT Equipment				
Common	4230 - EMS Hardware				
Common	4235 - EMS Software				
Common	4240 - Security				
Common	43 - Common - Tools & Work Equip.				
Common	44 - Common - Communications				
Common	45 - Common - Transportation				
Overheads - Total					
Overheads	Overheads				

Major Variation Explanations (Variations +/- 20% and \$500K)

Note 1:

Note 2:

Note 3:

Appendix F, Schedule 1

**Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429**

Listing of Deferrals As Identified in Section V.C.

Deferral Item	Ref / Page	Deferral Method	Carrying Charges
Asbestos Litigation	1.a / pg. 14	Deferral of actual or accrued costs with rate allowance set @ zero. Carrying charges to be applied to actual costs over / under rate allowance only.	Pre-tax Authorized Rate of Return
Asset Retirement Obligation Depreciation and Accretion Expense	1.s / pg. 17	Deferral of depreciation and accretion expense incurred on ARO assets and liabilities.	Not applicable
Case 14-M-0101 and related Proceedings/Orders: Incremental costs not included in base rates	1.u / pg. 17	Deferral of the revenue requirement effect over / under the amount included in rates.	Pre-tax Authorized Rate of Return
Call Volume Overflow Cumulative One Way Downward Only Deferral	4.a / pg. 28	Deferral of actual expenditures over/under rate allowance up to the max amount of the cumulative authorized rate allowance. Any underspending compared to the cumulative rate allowance at the end of RY3 will be deferred for return to customers. An illustrative example of how this deferral would work is provided in Appendix F, Schedule 4.	Pre-tax Authorized Rate of Return
CDG Consolidated Billing Deferral	1.hh / pg. 21	As approved in Order 19-M-0463, deferral of incremental costs incurred for the implementation and operation of the net crediting billing model, with an offsetting deferral of amount billed to customers through the discount rate to cover these costs, subject to carrying charges at the other customer capital rate.	Other Customer Capital Rate
Clean Energy Fund	1.q / pg. 17	Deferral of actual costs over / under amount collected through Surcharge.	Not applicable to deferral balance as of March 1, 2016; Other Customer Capital Rate for deferral balances accumulated subsequent to March 1, 2016
Cloud Based or SaaS solutions implemented	2.j / pg. 25	Deferral of the revenue requirement effect (depreciation and return on investment) of variations resulting from software solutions chosen that require a different accounting treatment than that assumed in the establishment of revenue requirements. Further detail is provided in the JP.	Pre-tax Authorized Rate of Return
Credit / Debit Card Fees and Walk-In Center Fees	1.v / pg. 17	Deferral of costs over / under rate allowance (including walk-in center transaction fees and Outreach) related to credit card program.	Pre-tax Authorized Rate of Return
COVID-19 Incremental O&M Costs Net of Savings	4.d / pg. 29	Deferral of net incremental costs associated with the COVID-19 pandemic as described in the JP	Pre-tax Authorized Rate of Return
Danskammer Gas Revenue	2.f / pg. 24	The Company will defer the amount of actual revenues above or below the \$1.5 million revenue imputation in base delivery rates as described in the JP.	Pre-tax Authorized Rate of Return
Deferred Temp Metro Transit Bus Tax Surcharge	1.b / pg. 14	Deferral actual cost over / under the amount collected through Surcharge.	Not applicable
Deferred Unbilled Revenues	1.w / pg. 17	Deferral of \$5.1M of unbilled revenues to PSC Account 254.32 as required by Order Approving Accounting Change with Modification Effective July 20, 2016, Ordering Clause 2 (page 6).	Not applicable
Deferred Unrealized Losses/Gains on Derivatives	1.ii / pg. 21	Deferral for mark to market changes for derivatives for the term of each as reflected with an offsetting receivable or payable on the balance sheet. Realized gain or loss is included in purchased electric or purchased natural gas upon settlement.	Not applicable
Deferred Vacation Pay Accrual	1.x / pg. 17	Deferral of vacation accrual recorded.	Not applicable
Earnings Adjustment Mechanisms - Electric	1.jj / pg. 21	Authorization to recover from customers incentives earned related to earnings adjustment mechanisms targets met.	Not applicable
Earnings Adjustment Mechanisms - Gas	1.kk / pg. 21	Authorization to recover from customers incentives earned related to earnings adjustment mechanisms targets met.	Not applicable
Earnings Sharing Mechanism	2.a / pg. 22	The allowed ROE established for the term of the JP is 9.00%. Actual regulatory earnings will be based on the lower of 50% equity or the Company's actual equity ratio and will be shared as outlined in the JP.	Pre-tax Authorized Rate of Return
Economic Development - applicable to remaining pre-funded amounts	2.b / pg. 22-23	Expenditures will be first charged against the existing pre-funded deferred balance (PSC Account 254.70) until the pre-funded balance is exhausted. This balance was pre-funded by Fortis and therefore is not subject to carrying charges pursuant to Case 12-M-0192.	Not applicable
Economic Development - applicable to new rate allowance and spend upon depletion of pre-funded amounts	2.b / pg. 22-23	Deferral of rate allowance and actual expenditures once the deferred balance (PSC Account 254.70) is depleted will be tracked separately and subject to carrying charges.	Pre-tax Authorized Rate of Return
Energy Efficiency - Electric & Gas	2.i / pg. 24-25	In accordance with the Order in Case 18-M-0084, the Company is authorized to defer over/under spending compared to the rate allowance plus the funding that the Company had available from other existing regulatory liabilities, with the ability to defer overspending capped at the cumulative NENY budgets through 2025.	Pre-tax Authorized Rate of Return
Energy Efficiency - Exemptions from Utility Programs	1.z / pg. 17	Deferral of differences between electric Energy Efficiency exemptions imputed in base rates and actual Energy Efficiency exemptions provided.	Pre-tax Authorized Rate of Return
Energy Storage Projects	1.gg / pg. 21	Deferral of revenue requirement effect (depreciation and return on investment) of energy storage projects.	Pre-tax Authorized Rate of Return
Environmental Site Investigation and Remediation Costs	1.g / pg. 16	Deferral of actual or accrued costs over / under rate allowance. Carrying charges to be applied to actual costs over / under rate allowance only.	Pre-tax Authorized Rate of Return
ERP Phase III Net Plant & O&M Reconciliation	4.j / pg. 31	There will be a combined reconciliation for ERP Phase III specific net plant, depreciation, and O&M expenses with a downward-only reconciliation as described in the JP.	Pre-tax Authorized Rate of Return
ERP Phase III O&M Expense Deferral and Amortization	4.k / pg. 31	Operating expenses associated with the ERP Phase III project will be deferred as described in the JP.	Pre-tax Authorized Rate of Return
ESCO Cash-Out - Software Implementation Costs	4.e / pg. 29	The Company can defer the revenue requirement effect, up to \$125,000, for implementation of software changes necessary to enable proposed changes to the ESCO cash-out process as agreed to by the Signatory Parties.	Pre-tax Authorized Rate of Return
EV - Time of Use ("TOU")	1.ii / pg. 21	As prescribed in Case 18-E-0206, the Company is authorized to defer the revenue requirement associated with the incremental cost of TOU meters as described in the JP.	Pre-tax Authorized Rate of Return
EV - Fast Charge Incentive	1.mm / pg. 21-22	In accordance with Case 18-E-0138, the company will continue its deferral of the \$4.4 million provided by NYSERDA, as well as the surcharge billed to customers during calendar year 2020 that did not contribute to the SBC. Amounts spent to fund the fast charging stations annual incentive payments will be deferred as a reduction of this balance.	Pre-tax Authorized Rate of Return
EV Make Ready Program Light Duty - Incremental O&M and Capital Costs Excluding New Business	2.k / pg. 26	In accordance with Case 18-E-0138, the Company will defer actual costs specific to this program as defined in the JP.	Pre-tax Authorized Rate of Return
EV Make Ready Program Light Duty - Incremental New Business Capital Costs	2.k / pg. 26	Deferral of the revenue requirement effect (return and depreciation) of New Business capital expenditures specific to this program as defined in the JP.	Pre-tax Authorized Rate of Return
EV Make Ready Program Medium/Heavy Duty - Incremental O&M and Capital Costs Excluding New Business	2.l / pg. 26-27	In accordance with Case 18-E-0138, the Company will defer actual costs specific to this program as defined in the JP.	Pre-tax Authorized Rate of Return
EV Make Ready Program Medium/Heavy Duty - Incremental New Business Capital Costs	2.l / pg. 26-27	Deferral of the revenue requirement effect (return and depreciation) of New Business capital expenditures specific to this program as defined in the JP.	Pre-tax Authorized Rate of Return
External Rate Case Expenses	1.y / pg. 17	Deferral of external expenses as incurred up to cumulative three year rate allowance with amortization over 36 months with no true-up.	Not applicable

Appendix F, Schedule 1

Central Hudson Gas & Electric Corporation Case 20-E-0428 & Case 20-G-0429

Listing of Deferrals As Identified in Section V.C.

Deferral Item	Ref / Page	Deferral Method	Carrying Charges
FAS 109	1.c / pg. 14	Deferral of tax on basis differences not provided for elsewhere.	Not applicable
FERC jurisdictional proceedings: Incremental costs and potential outcomes regarding Hydro facilities	4.i / pg. 29-30	Deferral of incremental O&M expenses and the revenue requirement effect on incremental capital spending as described in the JP.	Pre-tax Authorized Rate of Return
FEMA Grant Microgrid Project	1.aa / pg. 17	Deferral of the revenue requirement effect of the Company's funds not reimbursed for phase 1 and 2 of the project	Pre-tax Authorized Rate of Return
Funded Status Adjustment of Pension/OPEB Plans	1.m / pg. 16	Deferral of the over/under funded status of the plan at each year-end with an offsetting asset or liability on the balance sheet.	Not applicable
Governmental, Legislative and Other Regulatory Actions	2.c / pg. 23	Deferral of the revenue requirement effect of any governmental, legislative or other regulatory actions as described in the JP.	Pre-tax Authorized Rate of Return
Geothermal District Energy Loop initiative	4.g / pg. 30	Deferral of revenue requirement effect associated with a Geothermal District Loop Feasibility Study up to \$250,000 as described in the JP.	Pre-tax Authorized Rate of Return
Heat Pump Program	4.h / pg. 30	In accordance with the Order in Case 18-M-0084, the Company is authorized to defer over/under spending compared to the rate allowance plus the funding that the Company had available from other existing regulatory liabilities, with the ability to defer overspending capped at the cumulative NENY budgets through 2025.	Pre-tax Authorized Rate of Return.
IEDR Proceeding	1.nn / pg. 22	Deferral of incremental costs, including expenses and the revenue requirement effect (depreciation and return on capital) of capital costs incurred under the Integrated Energy Data Resource Order (Case 20-M-0082). In conjunction with this deferral, to the extent the Company implements incremental capital related to this proceeding, the balance will be reduced from actual electric net utility plant prior to the comparison to the Net Plant targets for the purposes of calculating the net plant deferral since the revenue requirement effect is being deferred for future recovery separately.	Pre-tax Authorized Rate of Return
Legacy Hydro Revenue	4.i / pg. 30-31	The revenue requirement includes a level of \$2.1M revenue / benefit from legacy hydro generation. The Company will defer actual monthly revenue / benefit above or below 1/12th of the imputed Rate Year revenue / benefit. Additional detail is included in the JP.	Not applicable - Continued treatment within ECAM, deferral of over/under into ECAM Regulatory Asset and included in ECAM working capital carrying charge calculation
Long Term Debt - Variable Rate 2014 Series E Bond	1.e / pg. 15-16	Deferral and amortization of the costs associated with the refinancing of this Bond should it occur during the rate plan.	Not applicable
Long Term Debt - Variable Rate NYSEDA Series B Bond	1.e / pg. 15-16	Deferral and amortization of the costs associated with the refinancing of this Bond should it occur during the rate plan.	Not applicable
Long Term Debt Interest Costs - Existing Variable Rate Debt	1.e / pg. 15-16	Deferral of interest costs over / under rate allowance	Pre-tax Authorized Rate of Return
Long Term Debt Interest Costs - New Fixed & Variable Issuances (Interest Costs on New Issuances of Long-Term Debt for Rate Years 2 and 3 only)	1.d / pg. 14-15	Deferral of interest costs in RY2 and RY3 as described in the JP	Pre-tax Authorized Rate of Return
Lost Revenues (Finance Charges and Reconnection Fee Revenues)	4.b / pg. 28	Symmetrical deferral of actual finance charge and reconnection fee revenues above or below the levels included in the final revenue requirement as described in the JP.	Pre-tax Authorized Rate of Return
Low Income Program - Bill Discount / Energy Affordability Program	1.bb / pg. 18	Deferral of costs over/ under rate allowance, with any under- expenditures available for future use in the low income / energy affordability program.	Pre-tax Authorized Rate of Return
Low Income Program - Waiver of Reconnection Fee	1.cc / pg. 18	Deferral of costs over/ under rate allowance, with any under- expenditures available for future use in the low income program.	Pre-tax Authorized Rate of Return
Major Storm Reserve	2.h / pg. 24	Deferral details provided in Appendix U which defines the thresholds, nature and timing of charges authorized for deferral related to major storm events and prestaging activities.	Pre-tax Authorized Rate of Return
Net Lost Revenues - Merchant Function Charge	1.h / pg. 16	Deferral of actual lost revenues over / under amount forecasted in rates due to migration to Non-RDM classes.	Pre-tax Authorized Rate of Return
Net Plant Targets (Excluding ERP Phase III)	1.i / pg. 16	Deferral of the revenue requirement effect of amounts under Net Plant and Depreciation targets, subject to carrying charges at the pre-tax WACC on the cumulative amount at the end of the three-year rate period. Actual Net Plant and depreciation amounts will be adjusted to exclude those amounts where the revenue requirement effect has been deferred separately prior to the comparison to Net Plant and depreciation targets.	Pre-tax Authorized Rate of Return
Non-Pipes Alternative (NPA) Projects	1.dd / pg. 18	Deferral of revenue requirement effect of costs and incentives incurred during the term of the Rate Year as specified in the Commission's June 14, 2018 Order in Case 17-G-0460.	Pre-tax Authorized Rate of Return
Non-Wires Alternative (NWA) Projects	1.ee / pg. 18	Deferral of revenue requirement effect of costs and incentives as authorized in the Commission's June 16, 2018 Order in Case 17-E-0459.	Pre-tax Authorized Rate of Return
NYS Corporate Tax Change	4.i / pg. 31-32	Deferral of incremental tax expense resulting from legislative changes as described in the JP.	Pre-tax Authorized Rate of Return
OPEB	1.j / pg. 16	Deferral of expenses over / under rate allowance	Not applicable
Pension and OPEB reserve carrying charges	1.i / pg. 16	Deferral of carrying charges on the difference between actual Pension and OPEB reserve levels compared to the reserve levels included in the development of rate base used to establish delivery rates.	Pre-tax Authorized Rate of Return
Pension Plan	1.k / pg. 16	Deferral of expenses over / under rate allowance	Not applicable
Property Taxes	1.n / pg. 16-17	Deferral of the difference between actual expense and the rate allowance as described in the JP.	Pre-tax Authorized Rate of Return
PSC initiated or Required Management or Operational Audit	1.f / pg. 16	Deferral of incremental costs incurred as a result of any Commission mandated management or operational audits during the term of this Rate Plan.	Pre-tax Authorized Rate of Return
Purchased Electric Costs	1.o / pg. 17	Deferral of actual costs over / under the amount collected.	Not applicable
Purchased Gas Costs	1.o / pg. 17	Deferral of actual costs over / under the amount collected.	Not applicable
Rate Moderator - Electric	1.oo / pg. 22	Deferral of the net remaining regulatory liabilities resulting from previous rate cases available for future rate moderation.	Pre-tax Authorized Rate of Return
Rate Moderator - Gas	1.pp / pg. 22	Deferral of the net remaining regulatory liabilities resulting from previous rate cases available for future rate moderation.	Pre-tax Authorized Rate of Return
Research and Development	1.p / pg. 17	Deferral of costs over / under rate allowance	Not applicable
REV Demonstration Projects	1.t / pg. 17	Deferral of the revenue requirement effect of REV demonstration projects up to 0.5% of delivery service revenue requirement, or the revenue requirement associated with capital expenditures of \$10 million, whichever is larger.	Pre-tax Authorized Rate of Return
Platform Service Revenues	2.g / pg. 24	The Company will defer 80% of the Company's share of the revenue earned from sales through the Community Distributed Generation Marketplace ("CDGM") platform for the benefit of customers.	Pre-tax Authorized Rate of Return
Rate Adjustment Mechanism - Electric	1.qq / pg. 22	Deferral details provided in Appendix G which defines the thresholds, qualifying deferrals for inclusion, process and timelines related to the Rate Adjustment Mechanisms for electric.	Other Customer Capital Rate
Rate Adjustment Mechanism - Gas	1.rr / pg. 22	Deferral details provided in Appendix G which defines the thresholds, qualifying deferrals for inclusion, process and timelines related to the Rate Adjustment Mechanisms for gas.	Other Customer Capital Rate

Appendix F, Schedule 1

**Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429**

Listing of Deferrals As Identified in Section V.C.

Deferral Item	Ref / Page	Deferral Method	Carrying Charges
Revenue Decoupling Mechanism - Electric	2.d / pg. 23	Deferral of actual revenues billed over / under targeted revenues.	Other Customer Capital Rate
Revenue Decoupling Mechanism - Gas	2.e / pg. 23-24	Deferral of actual revenues billed over / under targeted revenues.	Other Customer Capital Rate
Right of Way Maintenance - Transmission	1.ff / pg. 18-20	Deferral of actual expenses over / under rate allowance as described in the JP.	Pre-tax Authorized Rate of Return
Right of Way Maintenance - Distribution	1.ff / pg. 18-20	Deferral of actual expenses over / under rate allowance as described in the JP.	Pre-tax Authorized Rate of Return
Safety of Gas Transmission Pipelines Final Rule	4.m / pg. 32	Deferral of all incremental costs (O&M and return on/of capital) associated with the Safety of Gas Transmission Final Rules as described the JP.	Pre-tax Authorized Rate of Return
Sales Tax Refunds and Assessments	4.n / pg. 32	For any refunds received (net of fees) or assessments paid where the source amounts were charged to expense, the Company will defer this amount for future return to or recovery from customers. Additional detail is included in the JP.	Pre-tax Authorized Rate of Return
Stray Voltage Expenses	1.r / pg. 17	Deferral of actual costs over / under rate allowance	Pre-tax Authorized Rate of Return
Type 3 Leaks Re-Check	4.o / pg. 32	Deferral of incremental costs associated with conducting Type 3 leak re-checks in November and December, with the maximum deferral amount cap of \$40,000 per Rate Year.	Not applicable
Uncollectible Write-offs	4.c / pg. 28-29	Symmetrical deferral of any differences between the actual 12 months of net write-offs experienced as compared to the 12 months of billed uncollectibles as described in the JP.	Pre-tax Authorized Rate of Return

* The definition of incremental costs includes the return on and of (depreciation) capital investment, O&M expenses, Property Taxes, and any associated income tax effects.

Please note, while this listing is intended to be comprehensive, the Signatories recognize that other deferral accounting employed by the Company may have inadvertently been excluded.

Appendix F, Schedule 2
CENTRAL HUDSON GAS & ELECTRIC CORPORATION
CASES 20-E-0428 and 20-G-0429
EXAMPLE OF DEFERRAL FOR CLOUD BASED SOFTWARE

Assumptions:

120,920 IT - Cloud Based Software Expense included in O&M in rates - RY1
82,781 IT - Cloud Based Software Expense included in O&M in rates - RY2
84,685 IT - Cloud Based Software Expense included in O&M in rates - RY3
288,386 IT - Cloud Based Software Expense included in O&M in rates - Total
8,011 Monthly expense*

* For simplicity of example for illustrative purposes, reflected as straight line over 12 months. Actual allocation monthly will be based on sales forecast in rates if deferral is applicable

Assumed accounting treatment requires capital rather than expense treatment

288,386 IT Investment - Cloud Based Software**
8,011 Monthly amortization (3 years, 36 months)

** For simplicity of example for illustrative purposes, reflects purchase and in service July 2021. Actual month placed in service will be used if deferral is applicable

288,386 Adjustment to Net Plant Target

Adjustment to Net Plant Target											
AVERAGE NET UTILITY PLANT											
Month	Adjustment to Net Plant Target**	Reserve @ BOM	Book Depreciation	Reserve @ EOM	Average Reserve	Average Net Plant	Pre-Tax WACC	Return on Investment	Book Depreciation Expense	Deferred Revenue Requirement	Cumulative Deferred Revenue Requirement
1	288,386	0	8,011	8,011	4,006	284,380	0.67%	1,912	8,011	9,923	9,923
2			8,011	16,022	12,017	276,369	0.67%	1,859	8,011	9,870	19,793
3			8,011	24,033	20,028	268,358	0.67%	1,805	8,011	9,816	29,609
4			8,011	32,044	28,039	260,347	0.67%	1,751	8,011	9,762	39,371
5			8,011	40,055	36,050	252,336	0.67%	1,697	8,011	9,708	49,079
6			8,011	48,066	44,061	244,325	0.67%	1,643	8,011	9,654	58,733
7			8,011	56,077	52,072	236,314	0.67%	1,589	8,011	9,600	68,333
8			8,011	64,088	60,083	228,303	0.67%	1,535	8,011	9,546	77,879
9			8,011	72,099	68,094	220,292	0.67%	1,481	8,011	9,492	87,371
10			8,011	80,110	76,105	212,281	0.67%	1,428	8,011	9,439	96,810
11			8,011	88,121	84,116	204,270	0.67%	1,374	8,011	9,385	106,195
12			8,011	96,132	92,127	196,259	0.67%	1,320	8,011	9,331	115,526
13			8,011	104,143	100,138	188,248	0.66%	1,249	8,011	9,260	124,786
14			8,011	112,154	108,149	180,237	0.66%	1,196	8,011	9,207	133,993
15			8,011	120,165	116,160	172,226	0.66%	1,142	8,011	9,153	143,146
16			8,011	128,176	124,171	164,215	0.66%	1,089	8,011	9,100	152,246
17			8,011	136,187	132,182	156,204	0.66%	1,036	8,011	9,047	161,293
18			8,011	144,198	140,193	148,193	0.66%	983	8,011	8,994	170,287
19			8,011	152,209	148,204	140,182	0.66%	930	8,011	8,941	179,228
20			8,011	160,220	156,215	132,171	0.66%	877	8,011	8,888	188,116
21			8,011	168,231	164,226	124,160	0.66%	824	8,011	8,835	196,951
22			8,011	176,242	172,237	116,149	0.66%	770	8,011	8,781	205,732
23			8,011	184,253	180,248	108,138	0.66%	717	8,011	8,728	214,460
24			8,011	192,264	188,259	100,127	0.66%	664	8,011	8,675	223,135
25			8,011	200,275	196,270	92,116	0.66%	603	8,011	8,614	231,749
26			8,011	208,286	204,281	84,105	0.66%	551	8,011	8,562	240,311
27			8,011	216,297	212,292	76,094	0.66%	498	8,011	8,509	248,820
28			8,011	224,308	220,303	68,083	0.66%	446	8,011	8,457	257,277
29			8,011	232,319	228,314	60,072	0.66%	393	8,011	8,404	265,681
30			8,011	240,330	236,325	52,061	0.66%	341	8,011	8,352	274,033
31			8,011	248,341	244,336	44,050	0.66%	289	8,011	8,300	282,333
32			8,011	256,352	252,347	36,039	0.66%	236	8,011	8,247	290,580
33			8,011	264,363	260,358	28,028	0.66%	184	8,011	8,195	298,775
34			8,011	272,374	268,369	20,017	0.66%	131	8,011	8,142	306,917
35			8,011	280,385	276,380	12,006	0.66%	79	8,011	8,090	315,007
36			8,001	288,386	284,386	4,000	0.66%	26	8,001	8,027	323,034
			288,386							323,034	

Deferral and Related Carrying Charges							
Cumulative Amount in Rates		Cumulative Deferred Revenue		Deferred Revenue		Deferred Carrying	
Deferred*	Deferred	Requirement	Balance	Tax	WACC	Charges	
10,077	10,077	(9,923)	154	114	0.67%	0	
10,077	20,154	(19,793)	361	267	0.67%	1	
10,077	30,231	(29,609)	622	459	0.67%	2	
10,077	40,308	(39,371)	937	692	0.67%	4	
10,077	50,385	(49,079)	1,306	965	0.67%	6	
10,077	60,462	(58,733)	1,729	1,277	0.67%	8	
10,077	70,539	(68,333)	2,206	1,629	0.67%	10	
10,077	80,616	(77,879)	2,737	2,022	0.67%	12	
10,077	90,693	(87,371)	3,322	2,454	0.67%	15	
10,077	100,770	(96,810)	3,960	2,925	0.67%	18	
10,077	110,847	(106,195)	4,652	3,436	0.67%	21	
10,073	120,920	(115,526)	5,394	3,984	0.67%	25	
6,898	127,818	(124,786)	3,032	2,240	0.66%	21	
6,898	134,716	(133,993)	723	534	0.66%	9	
6,898	141,614	(143,146)	(1,532)	(1,132)	0.66%	(2)	
6,898	148,512	(152,246)	(3,734)	(2,758)	0.66%	(13)	
6,898	155,410	(161,293)	(5,883)	(4,345)	0.66%	(24)	
6,898	162,308	(170,287)	(7,979)	(5,894)	0.66%	(34)	
6,898	169,206	(179,228)	(10,022)	(7,403)	0.66%	(44)	
6,898	176,104	(188,116)	(12,012)	(8,873)	0.66%	(54)	
6,898	183,002	(196,951)	(13,949)	(10,303)	0.66%	(64)	
6,898	189,900	(205,732)	(15,832)	(11,694)	0.66%	(73)	
6,898	196,798	(214,460)	(17,662)	(13,046)	0.66%	(82)	
6,903	203,701	(223,135)	(19,434)	(14,355)	0.66%	(91)	
7,057	210,758	(231,749)	(20,991)	(15,505)	0.66%	(98)	
7,057	217,815	(240,311)	(22,496)	(16,617)	0.66%	(105)	
7,057	224,872	(248,820)	(23,948)	(17,689)	0.66%	(112)	
7,057	231,929	(257,277)	(25,348)	(18,723)	0.66%	(119)	
7,057	238,986	(265,681)	(26,695)	(19,718)	0.66%	(126)	
7,057	246,043	(274,033)	(27,990)	(20,675)	0.66%	(132)	
7,057	253,100	(282,333)	(29,233)	(21,593)	0.66%	(138)	
7,057	260,157	(290,580)	(30,423)	(22,472)	0.66%	(144)	
7,057	267,214	(298,775)	(31,561)	(23,313)	0.66%	(150)	
7,057	274,271	(306,917)	(32,646)	(24,114)	0.66%	(155)	
7,057	281,328	(315,007)	(33,679)	(24,877)	0.66%	(160)	
7,058	288,386	(323,034)	(34,648)	(25,593)	0.66%	(165)	
288,386			(34,648)			(1,933)	(36,581) Net Owed to Customers

Appendix F, Schedule 3

**Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429
Example Calculation of Transmission and Distribution ROW Maintenance Deferral
(\$000)**

	Transmission			Distribution		
	RY1	RY2	RY3	RY1	RY2	RY3
Allowance (\$000) Per Appendix A	3,680	3,502	3,517	23,412	24,124	24,951
RY1 Allowance	3,680			23,412		
Actual Spend (For Illustrative Purposes Only)	3,000			25,000		
Over/(Under) Spend	(680)			1,588		
Amount Deferred and rolled from/(to) RY2	(500)			1,000		
Incremental Expense / (Underspend) returned to customers	(180)			588		
RY2 Allowance		3,502			24,124	
Amount Deferred and rolled from/(to) RY1		500			(1,000)	
Revised RY2 Allowance		4,002			23,124	
Actual Spend (For Illustrative Purposes Only)		4,200			22,000	
Over/(Under) Spend on revised target		198			(1,124)	
Amount Deferred and rolled from/(to) RY3		198			(1,000)	
Incremental Expense / (Underspend) returned to customers		-			(124)	
RY3 Allowance			3,517			24,951
Amount Deferred and rolled from/(to) RY2			(198)			1,000
Revised RY3 Allowance			3,319			25,951
Actual Spend (For Illustrative Purposes Only)			3,400			25,750
Over/(Under) Spend on revised target			81			(201)
Incremental Expense / (Underspend) returned to customers			81			(201)
CUMULATIVE \$ TO RETURN TO CUSTOMER AT END OF RATE YEAR 3			(180)			(325)
CUMULATIVE \$ TO BE ABSORBED BY COMPANY AT END OF RATE YEAR 3			81			588

Appendix F, Schedule 4

Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429
Example Calculation of Call Volume Overflow Deferral
(\$000)

		Electric			Gas		
		RY1	RY2	RY3	RY1	RY2	RY3
Allowance for Call Volume Overflow (\$000)*							
Historic Year + Inflation		757	773	789	189	193	197
Incremental Expense - CIS Call Volume Overflow		400	400	400	100	100	100
		1,157	1,173	1,189	289	293	297
RY1 Allowance		1,157			289		
Actual Spend Allocated 80/20 (For Illustrative Purposes)	1,400	1,120			280		
Over/(Under) Spend		(37)			(9)		
Amount Deferred to Subsequent RY		(37)			(9)		
Incremental Expense		-			-		
RY2 Allowance			1,173			293	
Actual Spend Allocated 80/20 (For Illustrative Purposes)	1,400		1,120			280	
Over/(Under) Spend			(53)			(13)	
Amount Deferred in Prior Rate Year			(37)			(9)	
Subtotal Over/(Under) Spend			(90)			(22)	
Amount Deferred to Subsequent RY			(90)			(22)	
Incremental Expense			-			-	
RY3 Allowance				1,189			297
Actual Spend Allocated 80/20 (For Illustrative Purposes)	1,400			1,120			280
Over/(Under) Spend				(69)			(17)
Amount Deferred in Prior Rate Year				(90)			(22)
Subtotal Over/(Under) Spend				(159)			(39)
Amount Deferred for Return to Customers				(159)			(39)
Incremental Expense				-			-
Total Spend all Rate Years	4,200						
Total Rate Allowance	4,398						
Deferral for Return to Customers	(198)						
Incremental Expense	-						

*In Appendix A, this rate allowance is included within *Meter Reading, Collections & Call Volume Overflow*.

Appendix F, Schedule 4

Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429
Example Calculation of Call Volume Overflow Deferral
(\$000)

		Electric			Gas		
		RY1	RY2	RY3	RY1	RY2	RY3
Allowance for Call Volume Overflow (\$000)*							
Historic Year + Inflation		757	773	789	189	193	197
Incremental Expense - CIS Call Volume Overflow		400	400	400	100	100	100
		1,157	1,173	1,189	289	293	297
RY1 Allowance		1,157			289		
Actual Spend Allocated 80/20 (For Illustrative Purposes)	2,100	1,680			420		
Over/(Under) Spend		523			131		
Amount Deferred to Subsequent RY		523			131		
Incremental Expense		-			-		
RY2 Allowance			1,173			293	
Actual Spend Allocated 80/20 (For Illustrative Purposes)	1,300		1,040			260	
Over/(Under) Spend			(133)			(33)	
Amount Deferred in Prior Rate Year			523			131	
Subtotal Over/(Under) Spend			390			98	
Amount Deferred to Subsequent RY			390			98	
Incremental Expense			-			-	
RY3 Allowance				1,189			297
Actual Spend Allocated 80/20 (For Illustrative Purposes)	1,100			880			220
Over/(Under) Spend				(309)			(77)
Amount Deferred in Prior Rate Year				390			98
Subtotal Over/(Under) Spend				81			21
Amount Deferred for Return to Customers				-			-
Incremental Expense				81			21
Total Spend all Rate Years	4,500						
Total Rate Allowance	4,398						
Deferral for Return to Customers	-						
Incremental Expense	102						

*In Appendix A, this rate allowance is included within *Meter Reading, Collections & Call Volume Overflow*.

Appendix F, Schedule 5
Sheet 1 of 2
Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429

LONG TERM DEBT - AVERAGE CAPITALIZATION AND COST
FOR THE TWELVE MONTHS ENDING JUNE 30, 2023
(\$000)

DEBT DEFERRAL BASIS	Maturity Date (1)	Interest Rate % (2)	Principal Amount Outstanding 6/30/2022 (3)	Charges During Rate Year (4)	Months Outstanding (5)	Average Amount Outstanding During Rate Year (6)	Interest Expense During Rate Year (7)	
Long Term Debt								
Outstanding Issues								
1999 Series B Variable	July 1, 2034	2.45	33,700	-	12	33,700	826	
2005 Series E @ 5.84%	December 5, 2035	5.84	24,000	-	12	24,000	1,402	
2006 Series E @ 5.76%	November 17, 2031	5.76	27,000	-	12	27,000	1,555	
2007 Series F @ 5.80%	March 23, 2037	5.80	33,000	-	12	33,000	1,915	
2009 Series F @ 5.80%	November 1, 2039	5.80	24,000	-	12	24,000	1,392	
2010 Series G @ 5.716%	April 1, 2041	5.72	30,000	-	12	30,000	1,715	
2011 Series G @ 4.707%	April 1, 2042	4.71	10,000	-	12	10,000	471	
2012 Series G @ 4.776%	April 1, 2042	4.78	48,000	-	12	48,000	2,292	
2012 Series G @ 4.065%	October 1, 2042	4.07	24,000	-	12	24,000	976	
2010 Series B @ 5.64%	September 21, 2040	5.64	24,000	-	12	24,000	1,354	
2013 Series D @ 4.09%	December 2, 2028	4.09	16,700	-	12	16,700	683	
2014 Series E Variable	March 26, 2024	2.90	30,000	-	12	30,000	870	
2015 Series F @ 2.98%	March 31, 2025	2.98	20,000	-	12	20,000	596	
2016 Series H @ 2.56%	October 28, 2026	2.56	10,000	-	12	10,000	256	
2016 Series I @ 3.63%	October 28, 2046	3.63	20,000	-	12	20,000	726	
2017 Series J @ 4.05%	August 31, 2047	4.05	30,000	-	12	30,000	1,215	
2017 Series K @ 4.2%	August 31, 2057	4.20	30,000	-	12	30,000	1,260	
2018 Series L @ 4.27%	June 15, 2048	4.27	25,000	-	12	25,000	1,068	
2018 Series M @ 3.99%	October 28, 2026	3.99	40,000	-	12	40,000	1,596	
2018 Series N @ 4.20%	October 28, 2033	4.20	40,000	-	12	40,000	1,680	
2019 Series O @ 3.89%	October 28, 2049	3.89	50,000	-	12	50,000	1,945	
2019 Series P @ 3.99%	October 28, 2059	3.99	50,000	-	12	50,000	1,995	
2020 Series Q @ 3.42%	May 14, 2050	3.42	30,000	-	12	30,000	1,026	
2020 Series R @ 3.62%	July 14, 2060	3.62	30,000	-	12	30,000	1,086	
2020 Series S @ 2.03%	September 28, 2030	2.03	40,000	-	12	40,000	812	
2020 Series T @ 2.03%	November 17, 2030	2.03	30,000	-	12	30,000	609	
2021 Series U @ 3.29%	March 16, 2051	3.29	75,000	-	12	75,000	2,468	
2021 New Issuance	September 1, 2041	3.40	55,000	-	12	55,000	1,870	} RY1 cost variance from JP forecast - Not subject to deferral
2022 New Issuance	January 1, 2042	3.40	35,000	-	12	35,000	1,190	
2022 New Issuance	April 1, 2042	3.40	25,145	-	12	25,145	855	
2022 New Issuance	September 1, 2042	3.60	-	100,000	10	83,333	3,000	
2023 New Issuance	March 1, 2043	3.65	-	75,000	3	18,750	684	
Average Long Term Debt Outstanding			959,545	175,000		<u>\$ 1,061,628</u>		
Interest Charges for the Rate Year							<u>\$ 41,386</u>	
Plus: Amortization of Debt Discount and Expense							626	
Less: Amortization of Premium on Debt							-	
Total Cost of Debt								
Amount							<u>\$ 42,012</u>	
% of Average Long Term Debt Outstanding							<u>3.96%</u>	

Note: The approach illustrated would also apply to Rate Year 3.

Appendix F, Schedule 5
Sheet 2 of 2
Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429

RY2 Interest Rate Deferral on New Debt

	<u>RY2 - 12 months ending June 30 2023</u>		
	<u>Electric</u>	<u>Gas</u>	<u>Corporate</u>
RY2 Rate Base \$000	1,367,967	588,537	1,956,504
LTD Ratio	50.7%	50.7%	50.7%
LTD Supporting Rate Base \$000	693,559	298,388	991,948
Cost Rate of LTD in Rates	3.93%	3.93%	3.93%
<u>Rate Case Interest Expense on LTD - \$</u>	<u>27,277,000</u>	<u>11,735,000</u>	<u>39,012,000</u>
Proforma Cost of LTD	3.96%	3.96%	3.96%
<u>Proforma Interest Expense on LTD - \$</u>	<u>27,447,000</u>	<u>11,808,000</u>	<u>39,255,000</u>
Over/(Under) Collection of Interest	(170,000)	(73,000)	(243,000)

Note: The approach illustrated would also apply to Rate Year 3.

Appendix F, Schedule 6

**Central Hudson Gas & Electric Corporation
Case 20-E-0428 & Case 20-G-0429
Illustrative Example of Earnings Sharing Partial Year
Stub Period Starting July 1, 2024
(\$000)**

Assumption: CHGE Delays Filing for 6 Months & Files for New Electric Rates Effective January 1, 2025

<u>Month / Year</u>	<u>Electric Regulatory Operating Income</u>
July-24	\$ 9,500
August-24	9,500
September-24	9,000
October-24	8,500
November-24	8,500
December-24	9,500
Total for Stub Period	<u>\$ 54,500</u>

	<u>Electric Rate Base</u>
Actual Average Rate Base @ December 31, 2024	\$ 1,500,000
x Ratio of book operating income for July 2023 - December 2023 to book operating income for the 12 months ended June 2024	<u>54.0%</u>
Rate Base Subject to Earnings Test	<u>\$ 810,000</u>

	<u>Earnings Sharing Calculation</u>
Regulatory Rate of Return	\$ 54,500 / \$ 810,000 <u>6.73%</u>
Regulatory Return on Equity (Below)	<u>9.60%</u>
Earnings Sharing Threshold	<u>9.50%</u>
Earnings Above / (Under) Threshold	<u>0.10%</u>
Basis Point ("BP") Equivalent	<u>10</u>
Pre-Tax Value of BP for TME June 30, 2024 (Appendix J, Schedule 3)	<u>\$ 96.6</u>
Pre-Tax Earnings Subject to Sharing	<u>\$ 966</u>
Sharing @ 50/50 - Amount Deferred for Customer Benefit	<u>\$ 483</u>

	<u>RATEMAKING CAPITALIZATION FOR ESM</u>		
	<u>Capital Structure %</u>	<u>Cost Rate</u>	<u>Weighted Average Cost of Capital</u>
Long Term Debt	49.70%	3.89%	1.93%
Customer Deposits	0.30%	0.05%	0.00%
Common Equity ¹	<u>50.00%</u>	9.60%	<u>4.80%</u>
Total	<u>100.00%</u>		<u>6.73%</u>

Note: the approach illustrated above would also apply to a delay in filing a gas case.

¹ - Reflects the lesser of an equity ratio equal to 50% or Central Hudson's actual average common equity ratio.

Appendix G
Sheet 1 of 4
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Rate Adjustment Mechanism

The Company will continue its Rate Adjustment Mechanism (“RAM”) to refund or recover the net balance of RAM Eligible Deferrals and Carrying Charges as identified in the listing below, subject to the dollar thresholds noted below. All RAM revenues and deferrals are subject to reconciliation as explained in further detail in the body of this text.

RAM Eligible Deferrals and Costs include:

- (1) All Commission approved carrying charges;
- (2) COVID-19 lost finance charge revenue deferred balances;
- (3) PRAs and unencumbered NRAs earned or incurred and deferred for future recovery or pass-back for achieving/failing targets or objectives defined;
- (4) revenue requirement effect deferred on incremental capital resulting from potential outcomes in FERC jurisdictional proceedings related to Hydro facilities;
- (5) major storm events charged to the Major Storm Reserve in excess of the three-year cumulative rate allowance;
- (6) deferred regulatory asset balance related to electric energy efficiency and heat pump programs;
- (7) property tax deferral balances as measured at the end of each rate year;
- (8) COVID-19 uncollectible write-offs and incremental O&M net of savings deferral balances;
- (9) Low Income Bill Discount expenditures in excess of the three-year cumulative rate allowance;
- (10) Sales Tax refunds/collections resulting from sales tax audits

Appendix G
Sheet 2 of 4
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Rate Adjustment Mechanism

- (11) Environmental SIR deferral balances in excess of the three-year cumulative rate allowance;

Recovery Mechanics

The Company shall measure the deferred regulatory asset and liability balances for the items specified as RAM Eligible Deferrals and Costs as of December 31 of each year. The electric and gas RAM balances identified for recovery / return shall be subject to the minimum and maximum amounts shown in the table below and shall be identified in respective RAM Compliance Filings. The RAM for Electric and Gas shall be identified in respective RAM Compliance Filings submitted by March 31 of each year and shall be implemented in rates on July 1 of each year (beginning July 1, 2022) for collection over the 12 months from July 1 to June 30.

	Electric (\$million)		Gas (\$million)	
	Dollar Threshold		Dollar Threshold	
	Minimum	Maximum*	Minimum	Maximum*
Rate Year 1	\$0.350	\$10.400	\$0.150	\$3.300
Rate Year 2	\$0.350	\$11.000	\$0.150	\$3.600
Rate Year 3	\$0.350	\$11.600	\$0.150	\$3.800

*Maximum threshold is calculated as 2.5% of total operating revenues

To the extent the service classification/sub-classification allocation of balances results in a zero factor for a service classification/sub-classification, such allocated balance will be considered an over/under-collection and treated accordingly.

The RAMs for Electric and Gas will be determined individually by netting the RAM Eligible Deferrals. Any net RAM Eligible Deferral value in excess of the

Appendix G
Sheet 3 of 4
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Rate Adjustment Mechanism

specific Electric or Gas limit will remain deferred and accrue carrying charges in accordance with its source deferral authorization and will be included in the determination of RAM eligible balances in the subsequent year.

RAM Review Process

Upon request of a Signatory to this JP and within 60 days of the RAM filing, the Company will convene an informational meeting in person or via teleconference to review the Company's calculation of the RAM.

In the event that Staff or any Signatory to this JP objects to the calculation of the RAM, Staff or such Signatory shall notify the Company and the parties in writing within 30 calendar days after the RAM Compliance Filing is submitted. The Company will respond in writing within 30 calendar days addressing the objection. To the extent that Staff or the Signatory believes its concerns were not fully addressed by the Company's response, Staff or such Signatory may submit written comments to the Commission.

In the event of a dispute regarding the calculation of the annual RAM, the RAM will be implemented as described above and any disputed amounts subject to refund will be incorporated in a subsequent reconciliation. The Signatories will use their best efforts to resolve the dispute within 150 calendar days of the Company's response. The Signatories agree to utilize the Commission's dispute resolution process to resolve any contested matters. To the extent the Signatories are unable to resolve any remaining differences, the Signatories agree to present such differences to the Commission for resolution.

Appendix G
Sheet 4 of 4
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Rate Adjustment Mechanism

The implementation of the RAM shall not limit Staff's right to audit the deferred costs included by the Company in the RAM.

Carrying Costs

During the period the RAM is in effect, for those deferrals being specifically collected or returned, carrying costs will be based on the Commission's authorized Other Customer Capital Rate.

Over/under-collections or refund of RAM amounts will be carried forward to subsequent periods and assumed to be the first dollars collected or refunded. Deferred amounts will be allocated to Electric and Gas in accordance with the nature of the underlying item.

Electric Recovery / Refund

The Electric RAM annual recovery/return amounts shall be delivered through a component of the MISC. It will be allocated to service classes/sub-classes based on annual delivery service revenues. The rates will be developed on per-kWh basis for non-demand billed customers and per-kW basis for demand billed customers.

Gas Recovery / Refund

The Gas RAM annual recovery/return amounts shall be delivered through a component of the MISC. It will be allocated to service classes, excluding the interruptible service class, based on annual delivery service revenues. The rates will be developed on a per-Ccf basis.

Appendix H

Central Hudson Gas & Electric Corporation Case Nos. 20-E-0428 & 20-G-0429 Net Deferred Accounts Available For Moderation

The following accounts are subject to offset at the time of the Commission's Order. The balances used for offset will be as of July 1, 2021, with the net deferred regulatory credit available for rate moderation:

<u>Description</u>	<u>Electric</u>	<u>Gas</u>
Rate Moderator Balance	X	X
Net Plant Target Shortfall - Cases 17-E-0459 & 17-G-0460	X	X
2018 Tax Cut & Jobs Act - Revenue Requirement Overcollection	X	X
Negative Revenue Adjustments	N/A	X
Property Taxes(Over) / Under Collection	X	X
Federal Income Tax Research Credit	X	X
Long Term Debt Interest Costs Year 2 & Rate Year 3	X	X
Carrying Charges - Pension Plan (Over) / Under Collection	X	X
Rate Year 3 Shared Earnings	N/A	X
Sales Tax Refund	X	X
Research & Development - Gas GRI Surcharge Overcollection	N/A	X
Payment by Credit Card Overcollection	X	X
Carrying Charges - Rate Moderator Balance	X	X
Carrying Charges - Property Taxes (Over) / Under Collection	X	X
Carrying Charge - Low Income Program	X	X
Bonus Depreciation - Q4 2017 Revenue Requirement	X	X
Low Income Program - Arrears Forgiveness Phase-out	X	X
Carrying Charges - Long Term Debt Interest Costs Rate Year 2 & Rate Year 3	X	X
Carrying Charges - Payment by Credit Card Overcollection	X	X
Carrying Charge - Bonus Depreciation - Q4 2017 Revenue Requirement	X	X
Low Income Program - Old Bill Discount Program	X	X
Carrying Charges - CDGM Consolidated Billing	X	N/A
Carrying Charges - 10MW Energy Storage Project	X	N/A
Carrying Charges - Stray Voltage Undercollection	X	N/A
Carrying Charges - REV Demonstration Projects	X	X
10MW Energy Storage Project	X	N/A
Amortization of Management & Operational Audit Costs	X	X
Rate Year 3 Delayed Increase	X	X
Electric Vehicles Time of Use	X	N/A
CDGM Consolidated Billing	X	N/A
Carrying Charges - RAM Rate Year 2 Collection Period 7/1/20 - 6/30/21	X	X
Carrying Charges - Cloud Computing	X	X
Carrying Charges - LPP - Gas Revenue Requirement of Miles Above Target	N/A	X
Carrying Charge - Variable Rate Interest Undercollection	X	X
Carrying Charges - Gas Non Pipe Alternative	N/A	X
Carrying Charges - Collect Costs for Asbestos Litigation	X	N/A
Carrying Charges - COVID Lost Revenue	X	N/A
Carrying Charges - SC8 Street Lighting Undercollection	X	N/A
REV Demonstration Projects	X	X
Carrying Charges - Environmental SIR Costs & Recovery	X	X
Collect Costs for Asbestos Litigation	X	N/A
Stray Voltage Undercollection	X	N/A
Carrying Charges - Targeted Demand Management Program	X	N/A
Cloud Computing	X	X
Research & Development	X	X
Variable Rate Interest Undercollection	X	X
OPEB (Over) / Under Collection	X	X
Carrying Charges - Major Storm Reserve	X	N/A
Pension Plan (over) / Under Collection	X	X
Carrying Charges - OPEB (Over) / Under Collection	X	X
SC8 Street Lighting Undercollection	X	N/A
Leak Prone Pipe (LPP) - Gas Revenue Requirement of Miles Above Target	N/A	X
COVID - Lost Revenues	X	X

This listing of accounts is presented without prejudice with respect to any error or omission and the Company or Staff reserves the right to revise this listing, which will be subject to Staff review and approval.

Appendix I

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Revenue Matching Factors

	<u>Rate Year #1</u>	<u>Rate Year #2</u>	<u>Rate Year #3</u>
<u>ELECTRIC:</u>			
<u>Research & Development:</u>			
Rate Allowance (\$000)	\$2,593	\$2,650	\$2,704
SC 1, 2, 3, 5, 6, 8, 9 & 13 Sales (mWh)	4,950,855	5,029,823	5,094,148
Revenue Matching Factor - \$/kWh	<u>\$0.000524</u>	<u>\$0.000527</u>	<u>\$0.000531</u>
<u>Pension Plan:</u>			
Rate Allowance (\$000)	(\$4,542)	(\$7,274)	(\$5,212)
SC 1, 2, 3, 5, 6, 8, 9 & 13 Sales (mWh)	4,950,855	5,029,823	5,094,148
Revenue Matching Factor - \$/kWh	<u>(\$0.000917)</u>	<u>(\$0.001446)</u>	<u>(\$0.001023)</u>
<u>OPEB - Including Medicare Subsidy</u>			
Rate Allowance (\$000)	(\$5,276)	(\$5,673)	(\$4,421)
SC 1, 2, 3, 5, 6, 8, 9 & 13 Sales (mWh)	4,950,855	5,029,823	5,094,148
Revenue Matching Factor - \$/kWh	<u>(\$0.001066)</u>	<u>(\$0.001128)</u>	<u>(\$0.000868)</u>
	<u>Rate Year #1</u>	<u>Rate Year #2</u>	<u>Rate Year #3</u>
<u>GAS:</u>			
<u>Research & Development:</u>			
Rate Allowance (\$000)	\$625	\$638	\$651
SC 1, 2, 6, 12 & 13 Sales (Mcf)	13,457,163	13,916,400	14,287,669
Revenue Matching Factor - \$/Mcf	<u>\$0.046444</u>	<u>\$0.045845</u>	<u>\$0.045564</u>
<u>Pension Plan:</u>			
Rate Allowance (\$000)	(\$1,323)	(\$2,094)	(\$1,483)
SC 1, 2, 6, 12 & 13 Sales (Mcf)	13,457,163	13,916,400	14,287,669
Revenue Matching Factor - \$/Mcf	<u>(\$0.098312)</u>	<u>(\$0.150470)</u>	<u>(\$0.103796)</u>
<u>OPEB - Including Medicare Subsidy</u>			
Rate Allowance (\$000)	(\$1,536)	(\$1,633)	(\$1,258)
SC 1, 2, 6, 12 & 13 Sales (Mcf)	13,457,163	13,916,400	14,287,669
Revenue Matching Factor - \$/Mcf	<u>(\$0.114140)</u>	<u>(\$0.117344)</u>	<u>(\$0.088048)</u>

Appendix J, Schedule 1

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Capital Structure and Allowed Rate of Return (\$000)

<u>Rate Year 1:</u>	Amount	Ratio	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long-Term Debt	\$ 932,617	49.6%	3.99%	1.98%	1.98%
Customer Deposits	7,610	0.4%	0.05%	0.00%	0.00%
Common Equity	939,897	50.0%	9.00%	4.50%	6.09%
	<u>\$ 1,880,124</u>	<u>100.0%</u>		<u>6.48%</u>	<u>8.07%</u>

<u>Rate Year 2:</u>	Amount	Ratio	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long-Term Debt	\$ 1,070,362	50.7%	3.93%	1.99%	1.99%
Customer Deposits	7,610	0.3%	0.05%	0.00%	0.00%
Common Equity	1,034,832	49.0%	9.00%	4.41%	5.97%
	<u>\$ 2,112,804</u>	<u>100.0%</u>		<u>6.40%</u>	<u>7.96%</u>

<u>Rate Year 3:</u>	Amount	Ratio	Cost	Weighted Cost	Pre-Tax Weighted Cost
Long-Term Debt	\$ 1,208,294	51.7%	3.89%	2.01%	2.01%
Customer Deposits	7,610	0.3%	0.05%	0.00%	0.00%
Common Equity	1,121,292	48.0%	9.00%	4.32%	5.85%
	<u>\$ 2,337,196</u>	<u>100.0%</u>		<u>6.33%</u>	<u>7.86%</u>

Appendix J, Schedule 2
Sheet 1 of 3
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429

LONG TERM DEBT - AVERAGE CAPITALIZATION AND COST
FOR THE TWELVE MONTHS ENDING JUNE 30, 2022
(\$000)

	Maturity Date (1)	Interest Rate % (2)	Principal Amount Outstanding 6/30/2021 (3)	Charges During Rate Year (4)	Months Outstanding (5)	Average Amount Outstanding During Rate Year (6)	Interest Expense During Rate Year (7)
Long Term Debt							
Outstanding Issues							
1999 Series B Variable	July 1, 2034	1.91	33,700	-	12	33,700	644
2005 Series E @ 5.84%	December 5, 2035	5.84	24,000	-	12	24,000	1,402
2006 Series E @ 5.76%	November 17, 2031	5.76	27,000	-	12	27,000	1,555
2007 Series F @ 5.80%	March 23, 2037	5.80	33,000	-	12	33,000	1,915
2009 Series F @ 5.80%	November 1, 2039	5.80	24,000	-	12	24,000	1,392
2010 Series G @ 5.716%	April 1, 2041	5.72	30,000	-	12	30,000	1,715
2011 Series G @ 3.378%	April 1, 2022	3.38	23,400	(23,400)	9	17,550	593
2011 Series G @ 4.707%	April 1, 2042	4.71	10,000	-	12	10,000	471
2012 Series G @ 4.776%	April 1, 2042	4.78	48,000	-	12	48,000	2,292
2012 Series G @ 4.065%	October 1, 2042	4.07	24,000	-	12	24,000	976
2010 Series B @ 5.64%	September 21, 2040	5.64	24,000	-	12	24,000	1,354
2013 Series D @ 4.09%	December 2, 2028	4.09	16,700	-	12	16,700	683
2014 Series E Variable	March 26, 2024	2.67	30,000	-	12	30,000	801
2015 Series F @ 2.98%	March 31, 2025	2.98	20,000	-	12	20,000	596
2016 Series H @ 2.56%	October 28, 2026	2.56	10,000	-	12	10,000	256
2016 Series I @ 3.63%	October 28, 2046	3.63	20,000	-	12	20,000	726
2017 Series J @ 4.05%	August 31, 2047	4.05	30,000	-	12	30,000	1,215
2017 Series K @ 4.2%	August 31, 2057	4.20	30,000	-	12	30,000	1,260
2018 Series L @ 4.27%	June 15, 2048	4.27	25,000	-	12	25,000	1,068
2018 Series M @ 3.99%	October 28, 2026	3.99	40,000	-	12	40,000	1,596
2018 Series N @ 4.20%	October 28, 2033	4.20	40,000	-	12	40,000	1,680
2019 Series O @ 3.89%	October 28, 2049	3.89	50,000	-	12	50,000	1,945
2019 Series P @ 3.99%	October 28, 2059	3.99	50,000	-	12	50,000	1,995
2020 Series Q @ 3.42%	May 14, 2050	3.42	30,000	-	12	30,000	1,026
2020 Series R @ 3.62%	July 14, 2060	3.62	30,000	-	12	30,000	1,086
2020 Series S @ 2.03%	September 28, 2030	2.03	40,000	-	12	40,000	812
2020 Series T @ 2.03%	November 17, 2030	2.03	30,000	-	12	30,000	609
2021 Series U @ 3.29%	March 16, 2051	3.29	75,000	-	12	75,000	2,468
2021 New Issuance	September 1, 2041	3.40	-	55,000	10	45,833	1,558
2022 New Issuance	January 1, 2042	3.40	-	35,000	6	17,500	595
2022 New Issuance	April 1, 2042	3.40	-	25,145	4	7,334	249
Average Long Term Debt Outstanding			867,800	91,745		\$ 932,617	
Interest Charges for the Rate Year							\$ 36,532
Plus: Amortization of Debt Discount and Expense							649
Less: Amortization of Premium on Debt							-
Total Cost of Debt							
Amount						\$	37,181
% of Average Long Term Debt Outstanding							3.99%

Appendix J, Schedule 2
Sheet 2 of 3
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429

LONG TERM DEBT - AVERAGE CAPITALIZATION AND COST
FOR THE TWELVE MONTHS ENDING JUNE 30, 2023
(\$000)

	Maturity Date (1)	Interest Rate % (2)	Principal Amount Outstanding 6/30/2022 (3)	Charges During Rate Year (4)	Months Outstanding (5)	Average Amount Outstanding During Rate Year (6)	Interest Expense During Rate Year (7)
Long Term Debt							
Outstanding Issues							
1999 Series B Variable	July 1, 2034	2.45	33,700	-	12	33,700	826
2005 Series E @ 5.84%	December 5, 2035	5.84	24,000	-	12	24,000	1,402
2006 Series E @ 5.76%	November 17, 2031	5.76	27,000	-	12	27,000	1,555
2007 Series F @ 5.80%	March 23, 2037	5.80	33,000	-	12	33,000	1,915
2009 Series F @ 5.80%	November 1, 2039	5.80	24,000	-	12	24,000	1,392
2010 Series G @ 5.716%	April 1, 2041	5.72	30,000	-	12	30,000	1,715
2011 Series G @ 4.707%	April 1, 2042	4.71	10,000	-	12	10,000	471
2012 Series G @ 4.776%	April 1, 2042	4.78	48,000	-	12	48,000	2,292
2012 Series G @ 4.065%	October 1, 2042	4.07	24,000	-	12	24,000	976
2010 Series B @ 5.64%	September 21, 2040	5.64	24,000	-	12	24,000	1,354
2013 Series D @ 4.09%	December 2, 2028	4.09	16,700	-	12	16,700	683
2014 Series E Variable	March 26, 2024	2.90	30,000	-	12	30,000	870
2015 Series F @ 2.98%	March 31, 2025	2.98	20,000	-	12	20,000	596
2016 Series H @ 2.56%	October 28, 2026	2.56	10,000	-	12	10,000	256
2016 Series I @ 3.63%	October 28, 2046	3.63	20,000	-	12	20,000	726
2017 Series J @ 4.05%	August 31, 2047	4.05	30,000	-	12	30,000	1,215
2017 Series K @ 4.2%	August 31, 2057	4.20	30,000	-	12	30,000	1,260
2018 Series L @ 4.27%	June 15, 2048	4.27	25,000	-	12	25,000	1,068
2018 Series M @ 3.99%	October 28, 2026	3.99	40,000	-	12	40,000	1,596
2018 Series N @ 4.20%	October 28, 2033	4.20	40,000	-	12	40,000	1,680
2019 Series O @ 3.89%	October 28, 2049	3.89	50,000	-	12	50,000	1,945
2019 Series P @ 3.99%	October 28, 2059	3.99	50,000	-	12	50,000	1,995
2020 Series Q @ 3.42%	May 14, 2050	3.42	30,000	-	12	30,000	1,026
2020 Series R @ 3.62%	July 14, 2060	3.62	30,000	-	12	30,000	1,086
2020 Series S @ 2.03%	September 28, 2030	2.03	40,000	-	12	40,000	812
2020 Series T @ 2.03%	November 17, 2030	2.03	30,000	-	12	30,000	609
2021 Series U @ 3.29%	March 16, 2051	3.29	75,000	-	12	75,000	2,468
2021 New Issuance	September 1, 2041	3.40	55,000	-	12	55,000	1,870
2022 New Issuance	January 1, 2042	3.40	35,000	-	12	35,000	1,190
2022 New Issuance	April 1, 2042	3.40	25,145	-	12	25,145	855
2022 New Issuance	September 1, 2042	3.40	-	115,000	10	95,833	3,258
2023 New Issuance	March 1, 2043	3.40	-	59,935	3	14,984	509
Average Long Term Debt Outstanding			959,545	174,935		<u>\$ 1,070,362</u>	
Interest Charges for the Rate Year							<u>\$ 41,470</u>
Plus: Amortization of Debt Discount and Expense							626
Less: Amortization of Premium on Debt							-
Total Cost of Debt Amount							<u>\$ 42,096</u>
% of Average Long Term Debt Outstanding							<u>3.93%</u>

Appendix J, Schedule 2
Sheet 3 of 3
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429

LONG TERM DEBT - AVERAGE CAPITALIZATION AND COST
FOR THE TWELVE MONTHS ENDING JUNE 30, 2024
(\$'000)

	Maturity Date (1)	Interest Rate % (2)	Principal Amount Outstanding 6/30/2023 (3)	Charges During Rate Year (4)	Outstanding (5)	Average Amount Outstanding During Rate Year (6)	Interest Expense During Rate Year (7)
Long Term Debt							
Outstanding Issues							
1999 Series B Variable	July 1, 2034	2.71	33,700	-	12	33,700	913
2005 Series E @ 5.84%	December 5, 2035	5.84	24,000	-	12	24,000	1,402
2006 Series E @ 5.76%	November 17, 2031	5.76	27,000	-	12	27,000	1,555
2007 Series F @ 5.80%	March 23, 2037	5.80	33,000	-	12	33,000	1,915
2009 Series F @ 5.80%	November 1, 2039	5.80	24,000	-	12	24,000	1,392
2010 Series G @ 5.716%	April 1, 2041	5.72	30,000	-	12	30,000	1,715
2011 Series G @ 4.707%	April 1, 2042	4.71	10,000	-	12	10,000	471
2012 Series G @ 4.776%	April 1, 2042	4.78	48,000	-	12	48,000	2,292
2012 Series G @ 4.065%	October 1, 2042	4.07	24,000	-	12	24,000	976
2010 Series B @ 5.64%	September 21, 2040	5.64	24,000	-	12	24,000	1,354
2013 Series D @ 4.09%	December 2, 2028	4.09	16,700	-	12	16,700	683
2014 Series E Variable	March 26, 2024	3.10	30,000	(30,000)	9	22,500	698
2015 Series F @ 2.98%	March 31, 2025	2.98	20,000	-	12	20,000	596
2016 Series H @ 2.56%	October 28, 2026	2.56	10,000	-	12	10,000	256
2016 Series I @ 3.63%	October 28, 2046	3.63	20,000	-	12	20,000	726
2017 Series J @ 4.05%	August 31, 2047	4.05	30,000	-	12	30,000	1,215
2017 Series K @ 4.2%	August 31, 2057	4.20	30,000	-	12	30,000	1,260
2018 Series L @ 4.27%	June 15, 2048	4.27	25,000	-	12	25,000	1,068
2018 Series M @ 3.99%	October 28, 2026	3.99	40,000	-	12	40,000	1,596
2018 Series N @ 4.20%	October 28, 2033	4.20	40,000	-	12	40,000	1,680
2019 Series O @ 3.89%	October 28, 2049	3.890	50,000	-	12	50,000	1,945
2019 Series P @ 3.99%	October 28, 2059	3.990	50,000	-	12	50,000	1,995
2020 Series Q @ 3.42%	May 14, 2050	3.42	30,000	-	12	30,000	1,026
2020 Series R @ 3.62%	July 14, 2060	3.62	30,000	-	12	30,000	1,086
2020 Series S @ 2.03%	September 28, 2030	2.03	40,000	-	12	40,000	812
2020 Series T @ 2.03%	November 17, 2030	2.03	30,000	-	12	30,000	609
2021 Series U @ 3.29%	March 16, 2051	3.29	75,000	-	12	75,000	2,468
2021 New Issuance	September 1, 2041	3.40	55,000	-	12	55,000	1,870
2022 New Issuance	January 1, 2042	3.40	35,000	-	12	35,000	1,190
2022 New Issuance	April 1, 2042	3.40	25,145	-	12	25,145	855
2022 New Issuance	September 1, 2042	3.40	115,000	-	12	115,000	3,910
2023 New Issuance	March 1, 2043	3.40	59,935	-	12	59,935	2,038
2023 New Issuance	September 1, 2043	3.40		67,577	10	56,314	1,915
2024 New Issuance	March 1, 2044	3.40		100,000	3	25,000	850
Average Long Term Debt Outstanding			1,134,480	137,577		<u>\$ 1,208,294</u>	
Interest Charges for the Rate Year							<u>\$ 46,330</u>
Plus: Amortization of Debt Discount and Expense							660
Less: Amortization of Premium on Debt							-
Total Cost of Debt							
Amount							<u>\$ 46,990</u>
% of Average Long Term Debt Outstanding							<u>3.89%</u>

Appendix J, Schedule 3

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Electric and Gas Basis Point Values

Basis Point Values:

	Electric		
	<u>RY1</u>	<u>RY2</u>	<u>RY3</u>
Rate Base (\$000)	\$1,278,935	\$1,367,967	\$1,488,729
x Equity Ratio	50%	49%	48%
Equity component of Rate Base (\$000)	\$639,468	\$670,304	\$714,530
x 1 BP	0.01%	0.01%	0.01%
After-tax value of 1 BP - whole dollars	\$63,900	\$67,000	\$71,500
Pre-tax value of 1 BP - whole dollars	\$86,500	\$90,700	\$96,800

Basis Point Values:

	Gas		
	<u>RY1</u>	<u>RY2</u>	<u>RY3</u>
Rate Base (\$000)	\$547,365	\$588,537	\$641,245
x Equity Ratio	50%	49%	48%
Equity component of Rate Base (\$000)	\$273,682	\$288,383	\$307,772
x 1 BP	0.01%	0.01%	0.01%
After-tax value of 1 BP - whole dollars	\$27,400	\$28,800	\$30,800
Pre-tax value of 1 BP - whole dollars	\$37,100	\$39,000	\$41,700

Appendix J, Schedule 4

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Electric and Gas Basis Point Values on Calendar Year Basis

		<u>2021</u> ¹	<u>2022</u> ²	<u>2023</u> ³	<u>2024</u> ⁴
<u>Electric Pre-Tax Basis Point Values:</u>					
Cases 17-E-0459 et al., Appendix J, Schedule 3	RY3	78,500	n/a	n/a	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY1	86,500	86,500	n/a	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY2	n/a	90,700	90,700	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY3	<u>n/a</u>	<u>n/a</u>	<u>96,800</u>	<u>96,800</u>
Pre-tax value of 1 BP - whole dollars		<u>82,500</u>	<u>88,600</u>	<u>93,800</u>	<u>96,800</u>
<u>Gas Basis Point Values:</u>					
Cases 17-E-0459 et al., Appendix J, Schedule 3	RY3	31,100	n/a	n/a	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY1	37,100	37,100	n/a	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY2	n/a	39,000	39,000	n/a
Cases 20-E-0428 et al., Appendix J, Schedule 3	RY3	<u>n/a</u>	<u>n/a</u>	<u>41,700</u>	<u>41,700</u>
Pre-tax value of 1 BP - whole dollars		<u>34,100</u>	<u>38,100</u>	<u>40,400</u>	<u>41,700</u>

Notes:

¹ Average of Cases 17-E-0459 et al. RY3 and Cases 20-E-0428 et al. RY1

² Average of RY1 and RY2.

³ Average of RY2 and RY3.

⁴ Based on RY3 and will remain in effect for all Calendar Years forward until modified by a Commission Order.

Appendix K Sheet 1 of 20
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Sales (MWh) by Service Classification

		Twelve Months Ended <u>June 30, 2022</u>	Twelve Months Ended <u>June 30, 2023</u>	Twelve Months Ended <u>June 30, 2024</u>
Service Classification No. 1				
	Heating	319,541	321,595	324,092
	Nonheating	<u>1,784,968</u>	<u>1,795,478</u>	<u>1,808,610</u>
		2,104,509	2,117,074	2,132,701
Service Classification No. 2				
	Nondemand	166,748	173,429	178,306
	Primary	204,700	209,466	212,918
	Secondary	<u>1,378,418</u>	<u>1,426,655</u>	<u>1,462,158</u>
		1,749,866	1,809,550	1,853,381
Service Classification No. 3		293,730	300,449	305,315
Service Classification No. 5		11,180	11,180	11,180
Service Classification No. 6		16,990	16,990	16,990
Service Classification No. 8		12,070	12,070	12,070
Service Classification No. 9		720	720	720
Service Classification No. 13				
	Transmission	649,170	649,170	649,170
	Substation	<u>112,620</u>	<u>112,620</u>	<u>112,620</u>
		761,790	761,790	761,790
Interdepartmental		980	980	980
Total Own Territory		<u>4,951,835</u>	<u>5,030,803</u>	<u>5,095,128</u>

Appendix K Sheet 2 of 20
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Base Delivery Revenues by Service Classification

	Twelve Months Ended <u>June 30, 2022</u>	Twelve Months Ended <u>June 30, 2023</u>	Twelve Months Ended <u>June 30, 2024</u>
Service Classification No. 1			
Heating	\$ 37,833,920	\$ 40,250,210	\$ 42,878,890
Nonheating	\$ 228,373,310	\$ 240,535,750	\$ 253,681,740
	<u>\$ 266,207,230</u>	<u>\$ 280,785,960</u>	<u>\$ 296,560,630</u>
Service Classification No. 2			
Nondemand	\$ 22,367,030	\$ 24,002,850	\$ 25,608,690
Primary	\$ 5,953,095	\$ 6,307,516	\$ 6,642,658
Secondary	\$ 73,112,406	\$ 78,650,040	\$ 83,979,040
	<u>\$ 101,432,531</u>	<u>\$ 108,960,406</u>	<u>\$ 116,230,388</u>
Service Classification No. 3	\$ 8,831,029	\$ 9,362,050	\$ 9,859,840
Service Classification No. 5	\$ 2,029,400	\$ 2,129,840	\$ 2,236,880
Service Classification No. 6	\$ 1,417,330	\$ 1,555,380	\$ 1,627,930
Service Classification No. 8	\$ 5,141,312	\$ 5,404,552	\$ 5,682,280
Service Classification No. 9	\$ 181,970	\$ 191,540	\$ 201,560
Service Classification No. 13			
Transmission	\$ 6,746,590	\$ 7,123,760	\$ 7,228,660
Substation	\$ 2,497,519	\$ 2,639,690	\$ 2,731,720
	<u>\$ 9,244,109</u>	<u>\$ 9,763,450</u>	<u>\$ 9,960,380</u>
Interdepartmental	\$ 65,590	\$ 65,590	\$ 65,590
Total Own Territory	<u>\$ 394,550,501</u>	<u>\$ 418,218,768</u>	<u>\$ 442,425,478</u>

Appendix K Sheet 3 of 20
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Customers by Service Classification

	Twelve Months Ended <u>June 30, 2022</u>	Twelve Months Ended <u>June 30, 2023</u>	Twelve Months Ended <u>June 30, 2024</u>
Service Classification No. 1			
Heating	28,718	29,614	30,698
Nonheating	<u>233,210</u>	<u>232,933</u>	<u>232,827</u>
	261,928	262,547	263,525
Service Classification No. 2			
Nondemand	31,203	31,355	31,472
Primary	149	149	150
Secondary	<u>11,928</u>	<u>11,981</u>	<u>12,023</u>
	43,280	43,485	43,644
Service Classification No. 3	36	36	36
Service Classification No. 5	3,961	3,961	3,961
Service Classification No. 6	960	960	960
Service Classification No. 8	210	210	210
Service Classification No. 9	198	196	194
Service Classification No. 13			
Transmission	6	6	6
Substation	<u>7</u>	<u>7</u>	<u>7</u>
	13	13	13
Interdepartmental	1	1	1
Total Own Territory	<u><u>310,587</u></u>	<u><u>311,410</u></u>	<u><u>312,545</u></u>

Appendix K Sheet 4 of 20
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Demand Determinants by Service Classification

	Twelve Months Ended <u>June 30, 2022</u>	Twelve Months Ended <u>June 30, 2023</u>	Twelve Months Ended <u>June 30, 2024</u>
Service Classification No. 2			
Primary kW	523,456	535,734	544,684
Secondary kW	<u>4,388,495</u>	<u>4,542,857</u>	<u>4,656,453</u>
	4,911,951	5,078,591	5,201,136
Service Classification No. 3 kW	668,152	683,481	694,595
Service Classification No. 13			
Transmission kW	1,063,032	1,063,032	1,063,032
Substation kW	<u>205,259</u>	<u>205,259</u>	<u>205,259</u>
	1,268,291	1,268,291	1,268,291
Total kW	6,848,394	7,030,363	7,164,023
Service Classification No. 2 RkVa			
Primary RkVa	103,472	105,940	107,785
Secondary RkVa	<u>150,047</u>	<u>155,443</u>	<u>159,445</u>
	253,519	261,383	267,230
Service Classification No. 3 RkVa	100,650	103,000	104,703
Service Classification No. 13 RkVa			
Transmission RkVa	47,740	47,740	47,740
Substation RkVa	<u>31,970</u>	<u>31,970</u>	<u>31,970</u>
	79,710	79,710	79,710
Total RkVa	433,879	444,093	451,643

Appendix K Sheet 5 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Sales (MWh) by Service Classification
Rate Year 1 (Twelve Months Ended June 30, 2022)

	July <u>2021</u>	August <u>2021</u>	September <u>2021</u>	October <u>2021</u>	November <u>2021</u>	December <u>2021</u>	January <u>2022</u>	February <u>2022</u>	March <u>2022</u>	April <u>2022</u>	May <u>2022</u>	June <u>2022</u>	Total
Service Classification No. 1													
Heating	17,944	18,424	18,507	15,118	20,000	37,041	46,513	42,397	36,253	29,708	18,059	19,577	319,541
Nonheating	<u>169,418</u>	<u>181,861</u>	<u>161,425</u>	<u>126,772</u>	<u>127,621</u>	<u>151,491</u>	<u>170,281</u>	<u>152,476</u>	<u>136,922</u>	<u>133,544</u>	<u>128,042</u>	<u>145,116</u>	<u>1,784,968</u>
	187,362	200,284	179,932	141,890	147,621	188,532	216,794	194,873	173,175	163,251	146,100	164,693	2,104,509
Service Classification No. 2													
Nondemand	13,357	13,784	12,852	11,585	12,501	15,443	17,712	16,725	14,734	13,612	12,599	11,844	166,748
Primary	17,939	18,159	17,478	16,855	16,503	17,086	18,235	17,175	16,496	15,891	15,868	17,015	204,700
Secondary	<u>126,774</u>	<u>128,039</u>	<u>121,852</u>	<u>107,409</u>	<u>104,505</u>	<u>112,609</u>	<u>122,600</u>	<u>120,931</u>	<u>109,903</u>	<u>105,393</u>	<u>104,470</u>	<u>113,934</u>	<u>1,378,418</u>
	158,071	159,982	152,182	135,849	133,508	145,138	158,547	154,830	141,133	134,896	132,937	142,793	1,749,866
Service Classification No. 3	27,124	27,117	25,253	24,468	24,186	25,390	24,100	21,969	23,580	22,365	23,688	24,490	293,730
Service Classification No. 5	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Service Classification No. 6													
Heating	390	330	400	400	420	970	970	990	910	580	370	470	7,200
Nonheating	<u>930</u>	<u>950</u>	<u>920</u>	<u>650</u>	<u>680</u>	<u>840</u>	<u>980</u>	<u>770</u>	<u>890</u>	<u>740</u>	<u>670</u>	<u>770</u>	<u>9,790</u>
	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Service Classification No. 8	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Service Classification No. 9	60	60	60	60	60	60	60	60	60	60	60	60	720
Service Classification No. 13													
Transmission	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
Substation	<u>10,150</u>	<u>10,200</u>	<u>9,020</u>	<u>9,310</u>	<u>9,110</u>	<u>9,020</u>	<u>9,960</u>	<u>8,730</u>	<u>9,400</u>	<u>8,960</u>	<u>9,430</u>	<u>9,330</u>	<u>112,620</u>
	71,200	70,670	65,050	64,280	60,030	60,190	60,610	54,600	61,010	62,190	66,160	65,800	761,790
Interdepartmental	<u>85</u>	<u>90</u>	<u>90</u>	<u>75</u>	<u>72</u>	<u>79</u>	<u>89</u>	<u>86</u>	<u>87</u>	<u>79</u>	<u>71</u>	<u>77</u>	<u>980</u>
Total	<u>446,743</u>	<u>461,183</u>	<u>425,757</u>	<u>369,833</u>	<u>368,917</u>	<u>423,779</u>	<u>464,570</u>	<u>430,198</u>	<u>402,805</u>	<u>385,891</u>	<u>371,616</u>	<u>400,543</u>	<u>4,951,835</u>

Appendix K Sheet 6 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Base Delivery Revenues (Excluding Revenue Tax) by Service Classification
Rate Year 1 (Twelve Months Ended June 30, 2022)

	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	Total
Service Classification No. 1													
Heating	\$ 2,300,470	\$ 2,345,770	\$ 2,355,770	\$ 2,023,180	\$ 2,502,120	\$ 4,171,190	\$ 5,091,510	\$ 4,684,860	\$ 4,103,590	\$ 3,458,200	\$ 2,323,800	\$ 2,473,460	\$ 37,833,920
Nonheating	\$ 21,045,350	\$ 22,231,850	\$ 20,255,910	\$ 16,850,700	\$ 16,941,190	\$ 19,361,340	\$ 21,158,220	\$ 19,354,010	\$ 17,961,510	\$ 17,542,990	\$ 17,003,420	\$ 18,666,820	\$ 228,373,310
	\$ 23,345,820	\$ 24,577,620	\$ 22,611,680	\$ 18,873,880	\$ 19,443,310	\$ 23,532,530	\$ 26,249,730	\$ 24,038,870	\$ 22,065,100	\$ 21,001,190	\$ 19,327,220	\$ 21,140,280	\$ 266,207,230
Service Classification No. 2													
Nondemand	\$ 1,819,560	\$ 1,845,450	\$ 1,783,620	\$ 1,713,070	\$ 1,776,150	\$ 1,993,650	\$ 2,112,100	\$ 2,030,950	\$ 1,932,490	\$ 1,845,280	\$ 1,781,440	\$ 1,733,270	\$ 22,367,030
Primary	\$ 630,480	\$ 507,800	\$ 519,670	\$ 502,310	\$ 471,940	\$ 466,840	\$ 476,670	\$ 460,565	\$ 461,125	\$ 458,385	\$ 488,220	\$ 509,090	\$ 5,953,095
Secondary	\$ 6,993,889	\$ 6,415,459	\$ 6,440,119	\$ 6,190,209	\$ 5,823,769	\$ 5,667,699	\$ 5,937,599	\$ 5,862,729	\$ 5,830,639	\$ 5,689,039	\$ 5,993,909	\$ 6,267,349	\$ 73,112,406
	\$ 9,443,929	\$ 8,768,709	\$ 8,743,409	\$ 8,405,589	\$ 8,071,859	\$ 8,128,189	\$ 8,526,369	\$ 8,354,244	\$ 8,224,254	\$ 7,992,704	\$ 8,263,569	\$ 8,509,709	\$ 101,432,531
Service Classification No. 3	\$ 798,319	\$ 789,859	\$ 796,609	\$ 752,079	\$ 768,099	\$ 760,109	\$ 680,859	\$ 667,549	\$ 656,729	\$ 680,679	\$ 729,149	\$ 750,989	\$ 8,831,029
Service Classification No. 5	\$ 166,340	\$ 167,490	\$ 168,630	\$ 170,520	\$ 171,620	\$ 173,150	\$ 172,390	\$ 169,750	\$ 169,350	\$ 167,860	\$ 166,710	\$ 165,590	\$ 2,029,400
Service Classification No. 6	\$ 111,800	\$ 108,620	\$ 111,810	\$ 92,960	\$ 96,790	\$ 144,760	\$ 154,750	\$ 141,340	\$ 144,520	\$ 111,360	\$ 92,730	\$ 105,890	\$ 1,417,330
Service Classification No. 8	\$ 428,300	\$ 428,360	\$ 428,420	\$ 428,520	\$ 428,580	\$ 428,660	\$ 428,610	\$ 428,470	\$ 428,450	\$ 428,370	\$ 428,310	\$ 428,260	\$ 5,141,312
Service Classification No. 9	\$ 15,230	\$ 15,220	\$ 15,200	\$ 15,190	\$ 15,180	\$ 15,170	\$ 15,160	\$ 15,150	\$ 15,140	\$ 15,120	\$ 15,110	\$ 15,100	\$ 181,970
Service Classification No. 13													
Transmission	\$ 619,750	\$ 605,160	\$ 597,640	\$ 580,970	\$ 544,250	\$ 533,480	\$ 509,300	\$ 492,760	\$ 535,990	\$ 563,390	\$ 575,240	\$ 588,660	\$ 6,746,590
Substation	\$ 222,102	\$ 223,752	\$ 216,152	\$ 212,472	\$ 199,702	\$ 200,462	\$ 207,592	\$ 199,092	\$ 202,692	\$ 198,182	\$ 209,962	\$ 205,362	\$ 2,497,519
	\$ 841,852	\$ 828,912	\$ 813,792	\$ 793,442	\$ 743,952	\$ 733,942	\$ 716,892	\$ 691,852	\$ 738,682	\$ 761,572	\$ 785,202	\$ 794,022	\$ 9,244,109
Interdepartmental	\$ 5,690	\$ 6,020	\$ 6,020	\$ 5,020	\$ 4,820	\$ 5,290	\$ 5,960	\$ 5,760	\$ 5,820	\$ 5,290	\$ 4,750	\$ 5,150	\$ 65,590
Total Base Revenue	\$ 35,157,280	\$ 35,690,810	\$ 33,695,570	\$ 29,537,200	\$ 29,744,210	\$ 33,921,800	\$ 36,950,720	\$ 34,512,985	\$ 32,448,045	\$ 31,164,145	\$ 29,812,750	\$ 31,914,990	\$ 394,550,501

Appendix K Sheet 7 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Customers by Service Classification
Rate Year 1 (Twelve Months Ended June 30, 2022)

	July <u>2021</u>	August <u>2021</u>	September <u>2021</u>	October <u>2021</u>	November <u>2021</u>	December <u>2021</u>	January <u>2022</u>	February <u>2022</u>	March <u>2022</u>	April <u>2022</u>	May <u>2022</u>	June <u>2022</u>	<u>Average</u>
Service Classification No. 1													
Heating	28,374	28,301	28,392	28,264	28,444	28,951	28,843	28,546	29,415	28,998	28,998	29,088	28,718
Nonheating	<u>233,288</u>	<u>232,007</u>	<u>232,711</u>	<u>231,124</u>	<u>231,525</u>	<u>236,444</u>	<u>234,770</u>	<u>231,152</u>	<u>237,407</u>	<u>232,812</u>	<u>232,618</u>	<u>232,661</u>	<u>233,210</u>
	261,662	260,308	261,103	259,388	259,969	265,395	263,613	259,698	266,822	261,810	261,616	261,749	261,928
Service Classification No. 2													
Nondemand	30,907	30,837	30,816	31,230	31,329	32,125	31,125	30,592	31,647	31,201	31,288	31,336	31,203
Primary	146	150	148	148	148	149	148	151	146	151	150	153	149
Secondary	<u>11,821</u>	<u>11,872</u>	<u>11,812</u>	<u>11,889</u>	<u>11,800</u>	<u>11,929</u>	<u>11,893</u>	<u>11,790</u>	<u>12,220</u>	<u>12,041</u>	<u>12,050</u>	<u>12,016</u>	<u>11,928</u>
	42,874	42,859	42,776	43,267	43,277	44,203	43,166	42,533	44,013	43,393	43,488	43,505	43,280
Service Classification No. 3	36	36	36	37	37	37	36	37	36	37	36	36	36
Service Classification No. 5	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	3,961
Service Classification No. 6													
Heating	340	330	340	330	340	330	340	330	340	330	340	330	335
Nonheating	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>625</u>
Service Classification No. 6	970	950	970	950	970	950	970	950	970	950	970	950	960
Service Classification No. 8	210	210	210	210	210	210	210	210	210	210	210	210	210
Service Classification No. 9	200	198	198	198	198	198	198	198	198	198	198	198	198
Service Classification No. 13													
Transmission	6	6	6	6	6	6	6	6	6	6	6	6	6
Substation	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
	13	13	13	13	13	13	13	13	13	13	13	13	13
Interdepartmental	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Total Customers	<u>309,927</u>	<u>308,547</u>	<u>309,232</u>	<u>308,018</u>	<u>308,638</u>	<u>314,984</u>	<u>312,174</u>	<u>307,566</u>	<u>316,268</u>	<u>310,607</u>	<u>310,453</u>	<u>310,632</u>	<u>310,587</u>

Appendix K Sheet 8 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Demand Determinants by Service Classification
Rate Year 1 (Twelve Months Ended June 30, 2022)

	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	Total
Service Classification No. 2													
Primary kW	57,869	44,291	45,995	44,356	41,257	40,681	41,442	39,941	40,235	39,727	42,886	44,776	523,456
Secondary kW	<u>437,153</u>	<u>387,997</u>	<u>393,070</u>	<u>376,873</u>	<u>348,349</u>	<u>331,203</u>	<u>350,285</u>	<u>345,516</u>	<u>343,446</u>	<u>334,581</u>	<u>360,242</u>	<u>379,780</u>	<u>4,388,495</u>
	495,022	432,288	439,065	421,229	389,605	371,884	391,727	385,457	383,681	374,308	403,128	424,556	4,911,951
Service Classification No. 3 kW	60,954	60,260	60,852	56,903	58,279	57,704	51,277	49,929	49,124	50,829	55,088	56,953	668,152
Service Classification No. 13													
Transmission kW	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Substation kW	<u>18,485</u>	<u>18,616</u>	<u>17,917</u>	<u>17,558</u>	<u>16,241</u>	<u>16,317</u>	<u>17,099</u>	<u>16,241</u>	<u>16,592</u>	<u>16,052</u>	<u>17,322</u>	<u>16,819</u>	<u>205,259</u>
	116,704	114,379	112,390	109,306	101,805	99,982	96,923	93,406	100,781	104,781	108,039	109,795	1,268,291
Total kW	<u>672,679</u>	<u>606,927</u>	<u>612,307</u>	<u>587,439</u>	<u>549,689</u>	<u>529,570</u>	<u>539,927</u>	<u>528,793</u>	<u>533,586</u>	<u>529,918</u>	<u>566,255</u>	<u>591,304</u>	<u>6,848,394</u>
Service Classification No. 2 RkVa													
Primary RkVa	12,731	13,287	10,579	8,871	7,426	5,899	8,288	5,592	6,035	7,230	8,577	8,955	103,472
Secondary RkVa	<u>19,672</u>	<u>15,520</u>	<u>13,757</u>	<u>15,075</u>	<u>10,450</u>	<u>8,280</u>	<u>8,757</u>	<u>8,638</u>	<u>8,586</u>	<u>11,710</u>	<u>14,410</u>	<u>15,191</u>	<u>150,047</u>
	32,403	28,807	24,336	23,946	17,877	14,179	17,046	14,230	14,621	18,941	22,987	24,146	253,519
Service Classification No. 3 RkVa	10,362	9,943	9,736	9,105	9,033	7,502	5,128	5,492	6,386	8,641	9,640	9,682	100,650
Service Classification No. 13													
Transmission RkVa	4,470	4,450	4,600	3,980	3,930	4,520	2,820	1,890	3,800	4,370	4,440	4,470	47,740
Substation RkVa	<u>3,120</u>	<u>3,560</u>	<u>2,700</u>	<u>2,520</u>	<u>2,770</u>	<u>2,780</u>	<u>2,080</u>	<u>2,040</u>	<u>2,200</u>	<u>3,180</u>	<u>2,300</u>	<u>2,720</u>	<u>31,970</u>
	7,590	8,010	7,300	6,500	6,700	7,300	4,900	3,930	6,000	7,550	6,740	7,190	79,710
Total RkVa	<u>50,355</u>	<u>46,760</u>	<u>41,373</u>	<u>39,551</u>	<u>33,610</u>	<u>28,980</u>	<u>27,073</u>	<u>23,652</u>	<u>27,008</u>	<u>35,132</u>	<u>39,367</u>	<u>41,018</u>	<u>433,879</u>

Appendix K Sheet 9 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Sales (MWh) by Service Classification
Rate Year 2 (Twelve Months Ended June 30, 2023)

	July <u>2022</u>	August <u>2022</u>	September <u>2022</u>	October <u>2022</u>	November <u>2022</u>	December <u>2022</u>	January <u>2023</u>	February <u>2023</u>	March <u>2023</u>	April <u>2023</u>	May <u>2023</u>	June <u>2023</u>	Total
Service Classification No. 1													
Heating	17,976	18,456	18,540	15,235	20,155	37,329	46,860	42,714	36,524	29,912	18,183	19,712	321,595
Nonheating	<u>169,760</u>	<u>182,251</u>	<u>161,718</u>	<u>127,760</u>	<u>128,614</u>	<u>152,669</u>	<u>171,565</u>	<u>153,622</u>	<u>137,952</u>	<u>134,490</u>	<u>128,942</u>	<u>146,135</u>	<u>1,795,478</u>
	187,735	200,707	180,258	142,995	148,769	189,999	218,424	196,336	174,476	164,402	147,125	165,848	2,117,074
Service Classification No. 2													
Nondemand	13,952	14,398	13,421	12,031	12,983	16,034	18,304	17,280	15,230	14,234	13,176	12,387	173,429
Primary	18,409	18,631	17,930	17,234	16,855	17,463	18,596	17,496	16,809	16,296	16,286	17,460	209,466
Secondary	<u>131,735</u>	<u>133,042</u>	<u>126,566</u>	<u>110,944</u>	<u>107,935</u>	<u>116,250</u>	<u>126,149</u>	<u>124,375</u>	<u>113,047</u>	<u>109,533</u>	<u>108,596</u>	<u>118,484</u>	<u>1,426,655</u>
	164,096	166,071	157,917	140,209	137,773	149,747	163,049	159,151	145,086	140,062	138,058	148,331	1,809,550
Service Classification No. 3	27,811	27,787	25,889	24,999	24,714	25,960	24,547	22,375	24,002	22,929	24,305	25,131	300,449
Service Classification No. 5	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Service Classification No. 6													
Heating	390	330	400	400	420	970	970	990	910	580	370	470	7,200
Nonheating	<u>930</u>	<u>950</u>	<u>920</u>	<u>650</u>	<u>680</u>	<u>840</u>	<u>980</u>	<u>770</u>	<u>890</u>	<u>740</u>	<u>670</u>	<u>770</u>	<u>9,790</u>
	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Service Classification No. 8	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Service Classification No. 9	60	60	60	60	60	60	60	60	60	60	60	60	720
Service Classification No. 13													
Transmission	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
Substation	<u>10,150</u>	<u>10,200</u>	<u>9,020</u>	<u>9,310</u>	<u>9,110</u>	<u>9,020</u>	<u>9,960</u>	<u>8,730</u>	<u>9,400</u>	<u>8,960</u>	<u>9,430</u>	<u>9,330</u>	<u>112,620</u>
	71,200	70,670	65,050	64,280	60,030	60,190	60,610	54,600	61,010	62,190	66,160	65,800	761,790
Interdepartmental	<u>85</u>	<u>90</u>	<u>90</u>	<u>75</u>	<u>72</u>	<u>79</u>	<u>89</u>	<u>86</u>	<u>87</u>	<u>79</u>	<u>71</u>	<u>77</u>	<u>980</u>
Total	<u>453,827</u>	<u>468,365</u>	<u>432,454</u>	<u>375,828</u>	<u>374,858</u>	<u>430,424</u>	<u>471,150</u>	<u>436,388</u>	<u>408,481</u>	<u>392,772</u>	<u>378,379</u>	<u>407,877</u>	<u>5,030,803</u>

Appendix K Sheet 10 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Base Delivery Revenues (Excluding Revenue Tax) by Service Classification
Rate Year 2 (Twelve Months Ended June 30, 2023)

	July <u>2022</u>	August <u>2022</u>	September <u>2022</u>	October <u>2022</u>	November <u>2022</u>	December <u>2022</u>	January <u>2023</u>	February <u>2023</u>	March <u>2023</u>	April <u>2023</u>	May <u>2023</u>	June <u>2023</u>	Total
Service Classification No. 1													
Heating	\$ 2,431,130	\$ 2,479,740	\$ 2,490,530	\$ 2,146,350	\$ 2,659,840	\$ 4,449,510	\$ 5,435,410	\$ 5,000,210	\$ 4,376,190	\$ 3,683,630	\$ 2,468,630	\$ 2,629,040	\$ 40,250,210
Nonheating	<u>\$ 22,127,940</u>	<u>\$ 23,396,810</u>	<u>\$ 21,282,950</u>	<u>\$ 17,737,970</u>	<u>\$ 17,834,030</u>	<u>\$ 20,422,350</u>	<u>\$ 22,350,050</u>	<u>\$ 20,420,000</u>	<u>\$ 18,918,610</u>	<u>\$ 18,473,640</u>	<u>\$ 17,894,670</u>	<u>\$ 19,676,730</u>	<u>\$ 240,535,750</u>
	\$ 24,559,070	\$ 25,876,550	\$ 23,773,480	\$ 19,884,320	\$ 20,493,870	\$ 24,871,860	\$ 27,785,460	\$ 25,420,210	\$ 23,294,800	\$ 22,157,270	\$ 20,363,300	\$ 22,305,770	\$ 280,785,960
Service Classification No. 2													
Nondemand	\$ 1,954,500	\$ 1,984,580	\$ 1,913,410	\$ 1,826,790	\$ 1,898,610	\$ 2,143,360	\$ 2,275,810	\$ 2,185,460	\$ 2,069,710	\$ 1,984,430	\$ 1,910,890	\$ 1,855,300	\$ 24,002,850
Primary	\$ 669,123	\$ 538,833	\$ 552,063	\$ 531,293	\$ 499,453	\$ 494,173	\$ 503,813	\$ 486,373	\$ 486,873	\$ 486,593	\$ 518,423	\$ 540,503	\$ 6,307,516
Secondary	<u>\$ 7,539,370</u>	<u>\$ 6,919,570</u>	<u>\$ 6,943,430</u>	<u>\$ 6,646,740</u>	<u>\$ 6,255,860</u>	<u>\$ 6,088,280</u>	<u>\$ 6,358,700</u>	<u>\$ 6,276,050</u>	<u>\$ 6,243,670</u>	<u>\$ 6,142,450</u>	<u>\$ 6,469,870</u>	<u>\$ 6,766,050</u>	<u>\$ 78,650,040</u>
	\$ 10,162,993	\$ 9,442,983	\$ 9,408,903	\$ 9,004,823	\$ 8,653,923	\$ 8,725,813	\$ 9,138,323	\$ 8,947,883	\$ 8,800,253	\$ 8,613,473	\$ 8,899,183	\$ 9,161,853	\$ 108,960,406
Service Classification No. 3	\$ 847,760	\$ 838,370	\$ 845,840	\$ 796,380	\$ 813,400	\$ 805,440	\$ 719,330	\$ 705,370	\$ 693,560	\$ 723,280	\$ 775,040	\$ 798,280	\$ 9,362,050
Service Classification No. 5	\$ 174,710	\$ 175,860	\$ 177,000	\$ 178,890	\$ 179,990	\$ 181,520	\$ 180,760	\$ 178,120	\$ 177,720	\$ 176,230	\$ 175,080	\$ 173,960	\$ 2,129,840
Service Classification No. 6	\$ 122,530	\$ 119,020	\$ 122,520	\$ 101,480	\$ 105,750	\$ 159,460	\$ 170,590	\$ 155,650	\$ 159,150	\$ 122,080	\$ 101,170	\$ 115,980	\$ 1,555,380
Service Classification No. 8	\$ 450,234	\$ 450,295	\$ 450,356	\$ 450,457	\$ 450,518	\$ 450,599	\$ 450,544	\$ 450,405	\$ 450,386	\$ 450,307	\$ 450,248	\$ 450,199	\$ 5,404,552
Service Classification No. 9	\$ 16,030	\$ 16,020	\$ 16,000	\$ 15,990	\$ 15,980	\$ 15,970	\$ 15,960	\$ 15,940	\$ 15,930	\$ 15,920	\$ 15,910	\$ 15,890	\$ 191,540
Service Classification No. 13													
Transmission	\$ 651,660	\$ 636,950	\$ 629,370	\$ 612,550	\$ 575,530	\$ 564,670	\$ 540,290	\$ 523,620	\$ 567,200	\$ 594,830	\$ 606,780	\$ 620,310	\$ 7,123,760
Substation	<u>\$ 234,190</u>	<u>\$ 235,870</u>	<u>\$ 228,150</u>	<u>\$ 224,400</u>	<u>\$ 211,400</u>	<u>\$ 212,170</u>	<u>\$ 219,430</u>	<u>\$ 210,790</u>	<u>\$ 214,450</u>	<u>\$ 209,840</u>	<u>\$ 221,850</u>	<u>\$ 217,150</u>	<u>\$ 2,639,690</u>
	\$ 885,850	\$ 872,820	\$ 857,520	\$ 836,950	\$ 786,930	\$ 776,840	\$ 759,720	\$ 734,410	\$ 781,650	\$ 804,670	\$ 828,630	\$ 837,460	\$ 9,763,450
Interdepartmental	\$ 5,690	\$ 6,020	\$ 6,020	\$ 5,020	\$ 4,820	\$ 5,290	\$ 5,960	\$ 5,760	\$ 5,820	\$ 5,290	\$ 4,750	\$ 5,150	\$ 65,590
Total Base Revenue	<u>\$ 37,224,867</u>	<u>\$ 37,797,938</u>	<u>\$ 35,657,639</u>	<u>\$ 31,274,310</u>	<u>\$ 31,505,181</u>	<u>\$ 35,992,792</u>	<u>\$ 39,226,647</u>	<u>\$ 36,613,748</u>	<u>\$ 34,379,269</u>	<u>\$ 33,068,520</u>	<u>\$ 31,613,311</u>	<u>\$ 33,864,542</u>	<u>\$ 418,218,768</u>

Appendix K Sheet 11 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Customers by Service Classification
Rate Year 2 (Twelve Months Ended June 30, 2023)

	July <u>2022</u>	August <u>2022</u>	September <u>2022</u>	October <u>2022</u>	November <u>2022</u>	December <u>2022</u>	January <u>2023</u>	February <u>2023</u>	March <u>2023</u>	April <u>2023</u>	May <u>2023</u>	June <u>2023</u>	<u>Average</u>
Service Classification No. 1													
Heating	29,166	29,105	29,209	29,121	29,314	29,834	29,756	29,470	30,354	29,972	29,984	30,086	29,614
Nonheating	<u>232,774</u>	<u>231,480</u>	<u>232,172</u>	<u>230,807</u>	<u>231,197</u>	<u>236,113</u>	<u>234,574</u>	<u>230,935</u>	<u>237,194</u>	<u>232,775</u>	<u>232,569</u>	<u>232,600</u>	<u>232,933</u>
	261,940	260,585	261,381	259,928	260,511	265,947	264,330	260,405	267,548	262,747	262,553	262,686	262,547
Service Classification No. 2													
Nondemand	31,041	30,970	30,949	31,403	31,503	32,303	31,269	30,733	31,792	31,358	31,445	31,493	31,355
Primary	146	150	148	148	148	150	148	151	147	151	151	154	149
Secondary	<u>11,868</u>	<u>11,919</u>	<u>11,859</u>	<u>11,950</u>	<u>11,860</u>	<u>11,989</u>	<u>11,944</u>	<u>11,840</u>	<u>12,272</u>	<u>12,096</u>	<u>12,106</u>	<u>12,072</u>	<u>11,981</u>
	43,055	43,039	42,956	43,501	43,511	44,442	43,361	42,724	44,211	43,605	43,702	43,719	43,485
Service Classification No. 3	36	36	36	37	37	37	36	37	36	37	36	36	36
Service Classification No. 5	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	3,961
Service Classification No. 6													
Heating	340	330	340	330	340	330	340	330	340	330	340	330	335
Nonheating	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>625</u>
	970	950	970	950	970	950	970	950	970	950	970	950	960
Service Classification No. 8	210	210	210	210	210	210	210	210	210	210	210	210	210
Service Classification No. 9	198	196	196	196	196	196	196	196	196	196	196	196	196
Service Classification No. 13													
Transmission	6	6	6	6	6	6	6	6	6	6	6	6	6
Substation	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
	13	13	13	13	13	13	13	13	13	13	13	13	13
Interdepartmental	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Total Customers	<u>310,384</u>	<u>309,002</u>	<u>309,688</u>	<u>308,790</u>	<u>309,412</u>	<u>315,773</u>	<u>313,084</u>	<u>308,462</u>	<u>317,190</u>	<u>311,754</u>	<u>311,602</u>	<u>311,781</u>	<u>311,410</u>

Appendix K Sheet 12 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Demand Determinants by Service Classification
Rate Year 2 (Twelve Months Ended June 30, 2023)

	July <u>2022</u>	August <u>2022</u>	September <u>2022</u>	October <u>2022</u>	November <u>2022</u>	December <u>2022</u>	January <u>2023</u>	February <u>2023</u>	March <u>2023</u>	April <u>2023</u>	May <u>2023</u>	June <u>2023</u>	Total
Service Classification No. 2													
Primary kW	59,382	45,443	47,184	45,353	42,138	41,579	42,264	40,689	40,997	40,740	44,017	45,946	535,734
Secondary kW	<u>454,260</u>	<u>403,156</u>	<u>408,278</u>	<u>389,279</u>	<u>359,783</u>	<u>341,911</u>	<u>360,426</u>	<u>355,356</u>	<u>353,271</u>	<u>347,723</u>	<u>374,468</u>	<u>394,947</u>	<u>4,542,857</u>
	513,642	448,599	455,462	434,632	401,921	383,490	402,690	396,045	394,268	388,463	418,485	440,893	5,078,591
Service Classification No. 3 kW	62,497	61,749	62,383	58,137	59,552	58,999	52,228	50,852	50,005	52,111	56,523	58,445	683,481
Service Classification No. 13													
Transmission kW	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Substation kW	<u>18,485</u>	<u>18,616</u>	<u>17,917</u>	<u>17,558</u>	<u>16,241</u>	<u>16,317</u>	<u>17,099</u>	<u>16,241</u>	<u>16,592</u>	<u>16,052</u>	<u>17,322</u>	<u>16,819</u>	<u>205,259</u>
	116,704	114,379	112,390	109,306	101,805	99,982	96,923	93,406	100,781	104,781	108,039	109,795	1,268,291
Total kW	<u>692,844</u>	<u>624,727</u>	<u>630,235</u>	<u>602,075</u>	<u>563,278</u>	<u>542,471</u>	<u>551,841</u>	<u>540,304</u>	<u>545,054</u>	<u>545,355</u>	<u>583,047</u>	<u>609,133</u>	<u>7,030,363</u>
Service Classification No. 2 RkVa													
Primary RkVa	13,064	13,633	10,852	9,071	7,585	6,029	8,453	5,696	6,150	7,415	8,803	9,189	105,940
Secondary RkVa	<u>20,442</u>	<u>16,126</u>	<u>14,290</u>	<u>15,571</u>	<u>10,793</u>	<u>8,548</u>	<u>9,011</u>	<u>8,884</u>	<u>8,832</u>	<u>12,170</u>	<u>14,979</u>	<u>15,798</u>	<u>155,443</u>
	33,506	29,759	25,142	24,642	18,378	14,577	17,463	14,580	14,981	19,585	23,782	24,987	261,383
Service Classification No. 3 RkVa	10,625	10,189	9,981	9,302	9,231	7,670	5,223	5,594	6,501	8,859	9,891	9,936	103,000
Service Classification No. 13													
Transmission RkVa	4,470	4,450	4,600	3,980	3,930	4,520	2,820	1,890	3,800	4,370	4,440	4,470	47,740
Substation RkVa	<u>3,120</u>	<u>3,560</u>	<u>2,700</u>	<u>2,520</u>	<u>2,770</u>	<u>2,780</u>	<u>2,080</u>	<u>2,040</u>	<u>2,200</u>	<u>3,180</u>	<u>2,300</u>	<u>2,720</u>	<u>31,970</u>
	7,590	8,010	7,300	6,500	6,700	7,300	4,900	3,930	6,000	7,550	6,740	7,190	79,710
Total RkVa	<u>51,720</u>	<u>47,958</u>	<u>42,423</u>	<u>40,444</u>	<u>34,309</u>	<u>29,547</u>	<u>27,586</u>	<u>24,104</u>	<u>27,482</u>	<u>35,994</u>	<u>40,414</u>	<u>42,113</u>	<u>444,093</u>

Appendix K Sheet 13 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Sales (MWh) by Service Classification
Rate Year 3 (Twelve Months Ended June 30, 2024)

	July <u>2023</u>	August <u>2023</u>	September <u>2023</u>	October <u>2023</u>	November <u>2023</u>	December <u>2023</u>	January <u>2024</u>	February <u>2024</u>	March <u>2024</u>	April <u>2024</u>	May <u>2024</u>	June <u>2024</u>	Total
Service Classification No. 1													
Heating	18,057	18,539	18,624	15,375	20,338	37,671	47,255	43,075	36,833	30,139	18,321	19,862	324,092
Nonheating	<u>170,557</u>	<u>183,128</u>	<u>162,449</u>	<u>128,922</u>	<u>129,783</u>	<u>154,057</u>	<u>173,011</u>	<u>154,916</u>	<u>139,114</u>	<u>135,512</u>	<u>129,919</u>	<u>147,242</u>	<u>1,808,610</u>
	188,615	201,668	181,074	144,297	150,121	191,727	220,266	197,991	175,947	165,651	148,240	167,105	2,132,701
Service Classification No. 2													
Nondemand	14,523	14,987	13,968	12,403	13,385	16,528	18,693	17,645	15,556	14,527	13,448	12,643	178,306
Primary	18,854	19,080	18,358	17,545	17,145	17,773	18,828	17,702	17,009	16,482	16,478	17,664	212,918
Secondary	<u>136,488</u>	<u>137,834</u>	<u>131,082</u>	<u>113,886</u>	<u>110,788</u>	<u>119,275</u>	<u>128,467</u>	<u>126,622</u>	<u>115,099</u>	<u>111,472</u>	<u>110,529</u>	<u>120,617</u>	<u>1,462,158</u>
	169,864	171,901	163,408	143,834	141,317	153,576	165,988	161,969	147,664	142,480	140,456	150,924	1,853,381
Service Classification No. 3	28,462	28,421	26,490	25,434	25,147	26,427	24,831	22,633	24,271	23,186	24,587	25,425	305,315
Service Classification No. 5	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Service Classification No. 6													
Heating	390	330	400	400	420	970	970	990	910	580	370	470	7,200
Nonheating	<u>930</u>	<u>950</u>	<u>920</u>	<u>650</u>	<u>680</u>	<u>840</u>	<u>980</u>	<u>770</u>	<u>890</u>	<u>740</u>	<u>670</u>	<u>770</u>	<u>9,790</u>
	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Service Classification No. 8	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Service Classification No. 9	60	60	60	60	60	60	60	60	60	60	60	60	720
Service Classification No. 13													
Transmission	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
Substation	<u>10,150</u>	<u>10,200</u>	<u>9,020</u>	<u>9,310</u>	<u>9,110</u>	<u>9,020</u>	<u>9,960</u>	<u>8,730</u>	<u>9,400</u>	<u>8,960</u>	<u>9,430</u>	<u>9,330</u>	<u>112,620</u>
	71,200	70,670	65,050	64,280	60,030	60,190	60,610	54,600	61,010	62,190	66,160	65,800	761,790
Interdepartmental	<u>85</u>	<u>90</u>	<u>90</u>	<u>75</u>	<u>72</u>	<u>79</u>	<u>89</u>	<u>86</u>	<u>87</u>	<u>79</u>	<u>71</u>	<u>77</u>	<u>980</u>
Total	<u>461,126</u>	<u>475,790</u>	<u>439,362</u>	<u>381,190</u>	<u>380,187</u>	<u>436,449</u>	<u>476,215</u>	<u>441,119</u>	<u>412,799</u>	<u>396,696</u>	<u>382,174</u>	<u>412,021</u>	<u>5,095,128</u>

Appendix K Sheet 14 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Base Delivery Revenues (Excluding Revenue Tax) by Service Classification
Rate Year 3 (Twelve Months Ended June 30, 2024)

	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	Total
Service Classification No. 1													
Heating	\$ 2,577,410	\$ 2,629,490	\$ 2,641,250	\$ 2,281,820	\$ 2,832,520	\$ 4,751,890	\$ 5,806,240	\$ 5,340,470	\$ 4,670,500	\$ 3,925,940	\$ 2,624,700	\$ 2,796,660	\$ 42,878,890
Nonheating	\$ 23,324,180	\$ 24,683,170	\$ 22,419,010	\$ 18,698,910	\$ 18,801,000	\$ 21,570,670	\$ 23,627,290	\$ 21,562,850	\$ 19,944,700	\$ 19,460,780	\$ 18,840,370	\$ 20,748,810	\$ 253,681,740
	\$ 25,901,590	\$ 27,312,660	\$ 25,060,260	\$ 20,980,730	\$ 21,633,520	\$ 26,322,560	\$ 29,433,530	\$ 26,903,320	\$ 24,615,200	\$ 23,386,720	\$ 21,465,070	\$ 23,545,470	\$ 296,560,630
Service Classification No. 2													
Nondemand	\$ 2,098,810	\$ 2,133,320	\$ 2,052,120	\$ 1,942,060	\$ 2,022,720	\$ 2,295,580	\$ 2,434,060	\$ 2,334,810	\$ 2,202,180	\$ 2,106,750	\$ 2,024,290	\$ 1,961,990	\$ 25,608,690
Primary	\$ 708,219	\$ 571,169	\$ 584,629	\$ 560,419	\$ 526,139	\$ 520,929	\$ 529,179	\$ 510,229	\$ 510,749	\$ 510,279	\$ 544,049	\$ 566,669	\$ 6,642,658
Secondary	\$ 8,115,010	\$ 7,451,420	\$ 7,474,460	\$ 7,105,130	\$ 6,689,290	\$ 6,510,570	\$ 6,755,960	\$ 6,667,240	\$ 6,635,060	\$ 6,523,870	\$ 6,869,010	\$ 7,182,020	\$ 83,979,040
	\$ 10,922,039	\$ 10,155,909	\$ 10,111,209	\$ 9,607,609	\$ 9,238,149	\$ 9,327,079	\$ 9,719,199	\$ 9,512,279	\$ 9,347,989	\$ 9,140,899	\$ 9,437,349	\$ 9,710,679	\$ 116,230,388
Service Classification No. 3	\$ 898,750	\$ 888,310	\$ 896,610	\$ 839,570	\$ 857,670	\$ 849,660	\$ 754,360	\$ 739,590	\$ 726,940	\$ 758,090	\$ 812,890	\$ 837,400	\$ 9,859,840
Service Classification No. 5	\$ 183,630	\$ 184,780	\$ 185,920	\$ 187,810	\$ 188,910	\$ 190,440	\$ 189,680	\$ 187,040	\$ 186,640	\$ 185,150	\$ 184,000	\$ 182,880	\$ 2,236,880
Service Classification No. 6	\$ 128,170	\$ 124,480	\$ 128,160	\$ 105,970	\$ 110,440	\$ 167,190	\$ 178,920	\$ 163,160	\$ 166,830	\$ 127,720	\$ 105,620	\$ 121,270	\$ 1,627,930
Service Classification No. 8	\$ 473,378	\$ 473,439	\$ 473,500	\$ 473,601	\$ 473,662	\$ 473,743	\$ 473,688	\$ 473,549	\$ 473,530	\$ 473,451	\$ 473,392	\$ 473,343	\$ 5,682,280
Service Classification No. 9	\$ 16,870	\$ 16,850	\$ 16,840	\$ 16,830	\$ 16,820	\$ 16,800	\$ 16,790	\$ 16,780	\$ 16,760	\$ 16,750	\$ 16,740	\$ 16,730	\$ 201,560
Service Classification No. 13													
Transmission	\$ 660,110	\$ 645,480	\$ 637,930	\$ 621,200	\$ 584,370	\$ 573,560	\$ 549,290	\$ 532,700	\$ 576,070	\$ 603,570	\$ 615,460	\$ 628,920	\$ 7,228,660
Substation	\$ 241,970	\$ 243,660	\$ 235,880	\$ 232,100	\$ 219,000	\$ 219,770	\$ 227,100	\$ 218,390	\$ 222,080	\$ 217,430	\$ 229,540	\$ 224,800	\$ 2,731,720
	\$ 902,080	\$ 889,140	\$ 873,810	\$ 853,300	\$ 803,370	\$ 793,330	\$ 776,390	\$ 751,090	\$ 798,150	\$ 821,000	\$ 845,000	\$ 853,720	\$ 9,960,380
Interdepartmental	\$ 5,690	\$ 6,020	\$ 6,020	\$ 5,020	\$ 4,820	\$ 5,290	\$ 5,960	\$ 5,760	\$ 5,820	\$ 5,290	\$ 4,750	\$ 5,150	\$ 65,590
Total Base Revenue	\$ 39,432,197	\$ 40,051,588	\$ 37,752,329	\$ 33,070,440	\$ 33,327,361	\$ 38,146,092	\$ 41,548,517	\$ 38,752,568	\$ 36,337,859	\$ 34,915,070	\$ 33,344,811	\$ 35,746,642	\$ 442,425,478

Appendix K Sheet 15 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Customers by Service Classification
Rate Year 3 (Twelve Months Ended June 30, 2024)

	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	Average
Service Classification No. 1													
Heating	30,185	30,136	30,252	30,174	30,380	30,915	30,845	30,570	31,469	31,096	31,120	31,235	30,698
Nonheating	<u>232,771</u>	<u>231,459</u>	<u>232,141</u>	<u>230,740</u>	<u>231,119</u>	<u>236,042</u>	<u>234,455</u>	<u>230,790</u>	<u>237,060</u>	<u>232,589</u>	<u>232,370</u>	<u>232,389</u>	<u>232,827</u>
	262,956	261,595	262,393	260,914	261,499	266,957	265,300	261,360	268,529	263,685	263,490	263,624	263,525
Service Classification No. 2													
Nondemand	31,186	31,115	31,095	31,540	31,640	32,444	31,375	30,837	31,900	31,437	31,525	31,573	31,472
Primary	146	150	149	149	148	150	148	151	147	152	151	154	150
Secondary	<u>11,919</u>	<u>11,971</u>	<u>11,910</u>	<u>11,998</u>	<u>11,908</u>	<u>12,037</u>	<u>11,981</u>	<u>11,877</u>	<u>12,310</u>	<u>12,125</u>	<u>12,134</u>	<u>12,100</u>	<u>12,023</u>
	43,251	43,236	43,154	43,687	43,696	44,631	43,504	42,865	44,357	43,714	43,810	43,827	43,644
Service Classification No. 3	36	36	36	37	37	37	36	37	36	37	36	36	36
Service Classification No. 5	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	3,961
Service Classification No. 6													
Heating	340	330	340	330	340	330	340	330	340	330	340	330	335
Nonheating	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>630</u>	<u>620</u>	<u>625</u>
	970	950	970	950	970	950	970	950	970	950	970	950	960
Service Classification No. 8	210	210	210	210	210	210	210	210	210	210	210	210	210
Service Classification No. 9	196	194	194	194	194	194	194	194	194	194	194	194	194
Service Classification No. 13													
Transmission	6	6	6	6	6	6	6	6	6	6	6	6	6
Substation	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>	<u>7</u>
	13	13	13	13	13	13	13	13	13	13	13	13	13
Interdepartmental	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Total Customers	<u>311,594</u>	<u>310,207</u>	<u>310,896</u>	<u>309,960</u>	<u>310,583</u>	<u>316,970</u>	<u>314,195</u>	<u>309,556</u>	<u>318,315</u>	<u>312,799</u>	<u>312,645</u>	<u>312,825</u>	<u>312,545</u>

Appendix K Sheet 16 of 20

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Electric Demand Determinants by Service Classification
Rate Year 3 (Twelve Months Ended June 30, 2024)

	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	Total
Service Classification No. 2													
Primary kW	60,819	46,536	48,311	46,172	42,861	42,317	42,791	41,167	41,485	41,204	44,536	46,483	544,684
Secondary kW	<u>470,647</u>	<u>417,679</u>	<u>422,845</u>	<u>399,599</u>	<u>369,293</u>	<u>350,809</u>	<u>367,049</u>	<u>361,777</u>	<u>359,683</u>	<u>353,878</u>	<u>381,135</u>	<u>402,058</u>	<u>4,656,453</u>
	531,467	464,214	471,157	445,772	412,154	393,126	409,840	402,944	401,168	395,082	425,671	448,541	5,201,136
Service Classification No. 3 kW	63,959	63,158	63,832	59,149	60,595	60,062	52,833	51,440	50,564	52,695	57,180	59,129	694,595
Service Classification No. 13													
Transmission kW	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Substation kW	<u>18,485</u>	<u>18,616</u>	<u>17,917</u>	<u>17,558</u>	<u>16,241</u>	<u>16,317</u>	<u>17,099</u>	<u>16,241</u>	<u>16,592</u>	<u>16,052</u>	<u>17,322</u>	<u>16,819</u>	<u>205,259</u>
	116,704	114,379	112,390	109,306	101,805	99,982	96,923	93,406	100,781	104,781	108,039	109,795	1,268,291
Total kW	<u>712,130</u>	<u>641,751</u>	<u>647,379</u>	<u>614,226</u>	<u>574,554</u>	<u>553,170</u>	<u>559,596</u>	<u>547,790</u>	<u>552,513</u>	<u>552,559</u>	<u>590,890</u>	<u>617,465</u>	<u>7,164,023</u>
Service Classification No. 2 RkVa													
Primary RkVa	13,380	13,961	11,112	9,234	7,715	6,136	8,558	5,763	6,223	7,499	8,907	9,297	107,785
Secondary RkVa	<u>21,179</u>	<u>16,707</u>	<u>14,800</u>	<u>15,984</u>	<u>11,079</u>	<u>8,770</u>	<u>9,176</u>	<u>9,044</u>	<u>8,992</u>	<u>12,386</u>	<u>15,245</u>	<u>16,082</u>	<u>159,445</u>
	34,559	30,668	25,911	25,218	18,794	14,906	17,734	14,808	15,215	19,885	24,153	25,379	267,230
Service Classification No. 3 RkVa	10,873	10,421	10,213	9,464	9,392	7,808	5,283	5,658	6,573	8,958	10,007	10,052	104,703
Service Classification No. 13													
Transmission RkVa	4,470	4,450	4,600	3,980	3,930	4,520	2,820	1,890	3,800	4,370	4,440	4,470	47,740
Substation RkVa	<u>3,120</u>	<u>3,560</u>	<u>2,700</u>	<u>2,520</u>	<u>2,770</u>	<u>2,780</u>	<u>2,080</u>	<u>2,040</u>	<u>2,200</u>	<u>3,180</u>	<u>2,300</u>	<u>2,720</u>	<u>31,970</u>
	7,590	8,010	7,300	6,500	6,700	7,300	4,900	3,930	6,000	7,550	6,740	7,190	79,710
Total RkVa	<u>53,022</u>	<u>49,099</u>	<u>43,424</u>	<u>41,182</u>	<u>34,886</u>	<u>30,014</u>	<u>27,918</u>	<u>24,396</u>	<u>27,788</u>	<u>36,393</u>	<u>40,899</u>	<u>42,621</u>	<u>451,643</u>

Appendix K Sheet 17 of 20

Central Hudson Gas & Electric Corporation

Cases 20-E-0428 & 20-G-0429

Summary of Gas Sales, Base Revenues and Customers By Service Classification

12 Months Ended June 30, 2022, June 30, 2023 & June 30, 2024

	Twelve Months Ended <u>June 30, 2022</u>	Twelve Months Ended <u>June 30, 2023</u>	Twelve Months Ended <u>June 30, 2024</u>
<u>Sales & Transport (Mcf)</u>			
Service Classification Nos. 1 & 12			
Heat	5,727,099	5,835,963	5,966,666
Nonheating	164,124	165,564	167,057
	<u>5,891,223</u>	<u>6,001,527</u>	<u>6,133,723</u>
Service Classification Nos. 2, 6 & 13			
Heat	6,632,723	6,959,000	7,181,507
Nonheating	933,217	955,873	972,439
	<u>7,565,940</u>	<u>7,914,873</u>	<u>8,153,946</u>
Service Classification No. 8	66,192	66,192	66,192
Service Classification No. 9	1,130,664	1,130,664	1,130,664
Service Classification No. 11	2,147,091	2,147,091	2,147,091
Service Classification No. 14	-	-	-
Sales for Resale	-	-	-
Interdepartmental	26,240	26,240	26,240
	<u>16,827,350</u>	<u>17,286,587</u>	<u>17,657,856</u>
Total Sales & Transport			
	<u>16,827,350</u>	<u>17,286,587</u>	<u>17,657,856</u>
<u>Base Revenue (\$)</u>			
Service Classification Nos. 1 & 12			
Heat	\$ 75,293,910	\$ 80,461,440	\$ 86,061,420
Nonheating	\$ 3,644,980	\$ 3,738,930	\$ 3,836,330
	<u>\$ 78,938,890</u>	<u>\$ 84,200,370</u>	<u>\$ 89,897,750</u>
Service Classification Nos. 2, 6 & 13			
Heat	\$ 36,595,600	\$ 39,980,790	\$ 43,051,130
Nonheating	\$ 4,914,380	\$ 5,263,230	\$ 5,597,150
	<u>\$ 41,509,980</u>	<u>\$ 45,244,020</u>	<u>\$ 48,648,280</u>
Service Classification No. 8	\$ 235,320	\$ 235,320	\$ 235,320
Service Classification No. 9	\$ 2,964,270	\$ 2,964,270	\$ 2,964,270
Service Classification No. 11	\$ 4,041,810	\$ 4,321,578	\$ 4,523,733
Service Classification No. 14	\$ -	\$ -	\$ -
Sales for Resale	\$ -	\$ -	\$ -
Interdepartmental	\$ 103,166	\$ 116,457	\$ 130,479
	<u>\$ 127,793,436</u>	<u>\$ 137,082,015</u>	<u>\$ 146,399,831</u>
Total Own Territory			
	<u>\$ 127,793,436</u>	<u>\$ 137,082,015</u>	<u>\$ 146,399,831</u>
<u>Customers</u>			
Service Classification Nos. 1 & 12			
Heat	65,700	67,147	68,659
Nonheating	6,994	6,909	6,825
	<u>72,693</u>	<u>74,056</u>	<u>75,485</u>
Service Classification Nos. 2, 6 & 13			
Heat	11,494	11,715	11,936
Nonheating	1,107	1,118	1,123
	<u>12,600</u>	<u>12,833</u>	<u>13,058</u>
Service Classification No. 8	8	8	8
Service Classification No. 9	28	28	28
Service Classification No. 11	7	7	7
Interdepartmental	1	1	1
	<u>85,338</u>	<u>86,933</u>	<u>88,587</u>
Total Sales & Transport Customers			
	<u>85,338</u>	<u>86,933</u>	<u>88,587</u>

Appendix K Sheet 18 of 20

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Gas Customers & Sales by Service Classification
Rate Year 1 (Twelve Months Ended June 30, 2022)**

Sales & Transport (Mcf)	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>
Service Classification Nos. 1 & 12													
Heat	130,099	117,990	120,008	200,951	410,587	666,219	884,872	941,557	841,012	694,490	460,174	259,140	5,727,099
Nonheating	<u>6,152</u>	<u>4,924</u>	<u>4,871</u>	<u>6,942</u>	<u>11,854</u>	<u>18,154</u>	<u>22,229</u>	<u>23,830</u>	<u>22,801</u>	<u>19,533</u>	<u>13,893</u>	<u>8,941</u>	<u>164,124</u>
	136,251	122,914	124,879	207,893	422,441	684,373	907,101	965,387	863,813	714,023	474,067	268,081	5,891,223
Service Classification Nos. 2, 6 & 13													
Heat	224,790	196,370	241,501	282,998	531,907	797,267	978,742	1,002,040	910,151	725,783	469,642	271,532	6,632,723
Nonheating	<u>56,637</u>	<u>54,843</u>	<u>53,246</u>	<u>64,974</u>	<u>69,787</u>	<u>91,360</u>	<u>104,268</u>	<u>114,219</u>	<u>100,499</u>	<u>94,993</u>	<u>62,649</u>	<u>65,742</u>	<u>933,217</u>
	281,427	251,213	294,747	347,972	601,694	888,627	1,083,010	1,116,259	1,010,650	820,776	532,291	337,274	7,565,940
Service Classification No. 8	5,850	5,430	6,140	9,520	9,500	6,852	2,780	2,050	2,130	4,100	7,920	3,920	66,192
Service Classification No. 9	59,770	75,100	54,860	103,220	128,190	127,434	123,860	116,300	108,350	88,190	80,550	64,840	1,130,664
Service Classification No. 11	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091
Service Classification No. 14	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales for Resale	-	-	-	-	-	-	-	-	-	-	-	-	-
Interdepartmental	<u>310</u>	<u>160</u>	<u>200</u>	<u>260</u>	<u>1,690</u>	<u>4,020</u>	<u>4,840</u>	<u>5,370</u>	<u>4,140</u>	<u>3,100</u>	<u>1,660</u>	<u>490</u>	<u>26,240</u>
Total Sales & Transport	<u>604,619</u>	<u>576,549</u>	<u>596,292</u>	<u>814,369</u>	<u>1,366,546</u>	<u>1,961,704</u>	<u>2,403,582</u>	<u>2,453,621</u>	<u>2,227,053</u>	<u>1,801,939</u>	<u>1,231,124</u>	<u>789,952</u>	<u>16,827,350</u>
Base Revenue (\$)													
Service Classification Nos. 1 & 12													
Heat	\$ 2,854,170	\$ 2,737,620	\$ 2,760,330	\$ 3,557,160	\$ 5,616,330	\$ 8,126,650	\$ 10,274,190	\$ 10,832,860	\$ 9,849,490	\$ 8,415,080	\$ 6,119,540	\$ 4,150,490	\$ 75,293,910
Nonheating	<u>\$ 230,870</u>	<u>\$ 218,540</u>	<u>\$ 218,040</u>	<u>\$ 238,210</u>	<u>\$ 286,190</u>	<u>\$ 347,790</u>	<u>\$ 387,510</u>	<u>\$ 403,050</u>	<u>\$ 392,780</u>	<u>\$ 360,600</u>	<u>\$ 305,070</u>	<u>\$ 256,330</u>	<u>\$ 3,644,980</u>
	\$ 3,085,040	\$ 2,956,160	\$ 2,978,370	\$ 3,795,370	\$ 5,902,520	\$ 8,474,440	\$ 10,661,700	\$ 11,235,910	\$ 10,242,270	\$ 8,775,680	\$ 6,424,610	\$ 4,406,820	\$ 78,938,890
Service Classification Nos. 2, 6 & 13													
Heat	\$ 1,449,170	\$ 1,306,680	\$ 1,527,680	\$ 1,729,190	\$ 2,943,400	\$ 4,245,290	\$ 5,127,860	\$ 5,236,380	\$ 4,795,880	\$ 3,900,760	\$ 2,648,290	\$ 1,685,020	\$ 36,595,600
Nonheating	<u>\$ 306,450</u>	<u>\$ 298,080</u>	<u>\$ 290,000</u>	<u>\$ 346,990</u>	<u>\$ 370,190</u>	<u>\$ 476,420</u>	<u>\$ 538,150</u>	<u>\$ 586,670</u>	<u>\$ 520,770</u>	<u>\$ 493,120</u>	<u>\$ 336,190</u>	<u>\$ 351,350</u>	<u>\$ 4,914,380</u>
	\$ 1,755,620	\$ 1,604,760	\$ 1,817,680	\$ 2,076,180	\$ 3,313,590	\$ 4,721,710	\$ 5,666,010	\$ 5,823,050	\$ 5,316,650	\$ 4,393,880	\$ 2,984,480	\$ 2,036,370	\$ 41,509,980
Service Classification No. 8	\$ 20,800	\$ 19,300	\$ 21,830	\$ 33,840	\$ 33,770	\$ 24,360	\$ 9,880	\$ 7,290	\$ 7,580	\$ 14,580	\$ 28,150	\$ 13,940	\$ 235,320
Service Classification No. 9	\$ 169,750	\$ 228,070	\$ 153,930	\$ 281,340	\$ 331,060	\$ 314,740	\$ 303,250	\$ 282,780	\$ 272,220	\$ 220,970	\$ 217,650	\$ 188,510	\$ 2,964,270
Service Classification No. 11	\$ 325,343	\$ 325,563	\$ 324,263	\$ 330,603	\$ 341,683	\$ 350,863	\$ 357,263	\$ 350,463	\$ 348,193	\$ 335,373	\$ 327,973	\$ 324,233	\$ 4,041,810
Service Classification No. 14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales for Resale	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interdepartmental	<u>\$ 1,219</u>	<u>\$ 629</u>	<u>\$ 786</u>	<u>\$ 1,022</u>	<u>\$ 6,644</u>	<u>\$ 15,805</u>	<u>\$ 19,029</u>	<u>\$ 21,113</u>	<u>\$ 16,277</u>	<u>\$ 12,188</u>	<u>\$ 6,527</u>	<u>\$ 1,927</u>	<u>\$ 103,166</u>
Total Own Territory	<u>\$ 5,357,771</u>	<u>\$ 5,134,482</u>	<u>\$ 5,296,859</u>	<u>\$ 6,518,355</u>	<u>\$ 9,929,267</u>	<u>\$ 13,901,918</u>	<u>\$ 17,017,132</u>	<u>\$ 17,720,605</u>	<u>\$ 16,203,189</u>	<u>\$ 13,752,671</u>	<u>\$ 9,989,389</u>	<u>\$ 6,971,799</u>	<u>\$ 127,793,436</u>
Customers													
Service Classification Nos. 1 & 12													
Heat	65,075	65,167	65,287	65,406	65,526	65,646	65,763	65,873	65,990	66,105	66,220	66,337	65,700
Nonheating	<u>7,032</u>	<u>7,020</u>	<u>7,021</u>	<u>7,015</u>	<u>7,007</u>	<u>6,999</u>	<u>6,989</u>	<u>6,982</u>	<u>6,974</u>	<u>6,969</u>	<u>6,961</u>	<u>6,954</u>	<u>6,994</u>
	72,107	72,187	72,308	72,421	72,533	72,645	72,752	72,855	72,964	73,074	73,181	73,291	72,693
Service Classification Nos. 2, 6 & 13													
Heat	11,313	11,200	11,244	11,241	11,364	11,685	11,706	11,586	11,739	11,757	11,554	11,537	11,494
Nonheating	<u>1,096</u>	<u>1,105</u>	<u>1,097</u>	<u>1,097</u>	<u>1,092</u>	<u>1,128</u>	<u>1,103</u>	<u>1,107</u>	<u>1,127</u>	<u>1,104</u>	<u>1,110</u>	<u>1,113</u>	<u>1,107</u>
	12,409	12,305	12,341	12,338	12,456	12,813	12,809	12,693	12,866	12,861	12,664	12,650	12,600
Service Classification No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8
Service Classification No. 9	28	28	28	28	28	28	28	28	28	28	28	28	28
Service Classification No. 11	7	7	7	7	7	7	7	7	7	7	7	7	7
Interdepartmental	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Sales & Transport Customers	<u>84,560</u>	<u>84,536</u>	<u>84,693</u>	<u>84,803</u>	<u>85,033</u>	<u>85,502</u>	<u>85,605</u>	<u>85,592</u>	<u>85,874</u>	<u>85,979</u>	<u>85,889</u>	<u>85,985</u>	<u>85,338</u>

Appendix K Sheet 19 of 20

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Gas Customers & Sales by Service Classification
Rate Year 2 (Twelve Months Ended June 30, 2023)**

Sales & Transport (Mcf)	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>
Service Classification Nos. 1 & 12													
Heat	140,887	115,316	126,728	210,763	421,081	676,598	895,232	951,956	851,466	705,037	470,855	270,044	5,835,963
Nonheating	5,918	5,047	5,040	7,114	12,015	18,313	22,380	23,978	22,950	19,682	14,037	9,090	165,564
	146,805	120,363	131,768	217,877	433,096	694,911	917,612	975,934	874,416	724,719	484,892	279,134	6,001,527
Service Classification Nos. 2, 6 & 13													
Heat	262,570	235,929	275,026	314,564	560,293	823,203	1,000,877	1,023,733	931,546	746,792	490,980	293,487	6,959,000
Nonheating	58,816	57,463	55,813	67,612	71,710	93,099	105,521	115,464	101,947	96,389	64,299	67,740	955,873
	321,386	293,392	330,839	382,176	632,003	916,302	1,106,398	1,139,197	1,033,493	843,181	555,279	361,227	7,914,873
Service Classification No. 8	5,850	5,430	6,140	9,520	9,500	6,852	2,780	2,050	2,130	4,100	7,920	3,920	66,192
Service Classification No. 9	59,770	75,100	54,860	103,220	128,190	127,434	123,860	116,300	108,350	88,190	80,550	64,840	1,130,664
Service Classification No. 11	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091
Service Classification No. 14	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales for Resale	-	-	-	-	-	-	-	-	-	-	-	-	-
Interdepartmental	310	160	200	260	1,690	4,020	4,840	5,370	4,140	3,100	1,660	490	26,240
Total Sales & Transport	655,132	616,177	639,273	858,557	1,407,510	1,999,917	2,437,481	2,487,106	2,260,499	1,835,040	1,264,937	824,958	17,286,587
Base Revenue (\$)													
Service Classification Nos. 1 & 12													
Heat	\$ 3,082,360	\$ 2,818,200	\$ 2,940,540	\$ 3,820,810	\$ 6,019,380	\$ 8,689,890	\$ 10,975,250	\$ 11,570,350	\$ 10,524,420	\$ 8,998,880	\$ 6,557,330	\$ 4,464,030	\$ 80,461,440
Nonheating	\$ 230,260	\$ 220,860	\$ 220,820	\$ 242,310	\$ 293,300	\$ 358,830	\$ 401,060	\$ 417,610	\$ 406,650	\$ 372,470	\$ 313,280	\$ 261,480	\$ 3,738,664
	\$ 3,312,620	\$ 3,039,060	\$ 3,161,360	\$ 4,063,120	\$ 6,312,680	\$ 9,048,720	\$ 11,376,310	\$ 11,987,960	\$ 10,931,070	\$ 9,371,350	\$ 6,870,610	\$ 4,725,510	\$ 84,200,370
Service Classification Nos. 2, 6 & 13													
Heat	\$ 1,692,110	\$ 1,550,670	\$ 1,753,480	\$ 1,956,760	\$ 3,225,730	\$ 4,590,730	\$ 5,505,610	\$ 5,618,460	\$ 5,150,260	\$ 4,200,450	\$ 2,876,570	\$ 1,859,960	\$ 39,980,790
Nonheating	\$ 331,030	\$ 324,340	\$ 315,590	\$ 376,250	\$ 397,170	\$ 508,600	\$ 571,500	\$ 622,790	\$ 554,080	\$ 524,590	\$ 359,750	\$ 377,540	\$ 5,263,230
	\$ 2,023,140	\$ 1,875,010	\$ 2,069,070	\$ 2,333,010	\$ 3,622,900	\$ 5,099,330	\$ 6,077,110	\$ 6,241,250	\$ 5,704,340	\$ 4,725,040	\$ 3,236,320	\$ 2,237,500	\$ 45,244,020
Service Classification No. 8	\$ 20,800	\$ 19,300	\$ 21,830	\$ 33,840	\$ 33,770	\$ 24,360	\$ 9,880	\$ 7,290	\$ 7,580	\$ 14,580	\$ 28,150	\$ 13,940	\$ 235,320
Service Classification No. 9	\$ 169,750	\$ 228,070	\$ 153,930	\$ 281,340	\$ 331,060	\$ 314,740	\$ 303,250	\$ 282,780	\$ 272,220	\$ 220,970	\$ 217,650	\$ 188,510	\$ 2,964,270
Service Classification No. 11	\$ 347,394	\$ 347,604	\$ 346,174	\$ 353,334	\$ 365,644	\$ 375,784	\$ 382,834	\$ 375,344	\$ 372,704	\$ 358,504	\$ 350,204	\$ 346,054	\$ 4,321,578
Service Classification No. 14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales for Resale	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interdepartmental	\$ 1,376	\$ 710	\$ 888	\$ 1,154	\$ 7,500	\$ 17,841	\$ 21,481	\$ 23,833	\$ 18,374	\$ 13,758	\$ 7,367	\$ 2,175	\$ 116,457
Total Own Territory	\$ 5,875,080	\$ 5,509,754	\$ 5,753,252	\$ 7,065,798	\$ 10,673,554	\$ 14,880,775	\$ 18,170,865	\$ 18,918,457	\$ 17,306,288	\$ 14,704,202	\$ 10,710,301	\$ 7,513,689	\$ 137,082,015
Customers													
Service Classification Nos. 1 & 12													
Heat	66,459	66,574	66,706	66,831	66,957	67,088	67,215	67,335	67,460	67,587	67,712	67,835	67,147
Nonheating	6,948	6,935	6,937	6,930	6,923	6,914	6,904	6,897	6,889	6,886	6,877	6,870	6,909
	73,407	73,509	73,643	73,761	73,880	74,002	74,119	74,232	74,349	74,473	74,589	74,705	74,056
Service Classification Nos. 2, 6 & 13													
Heat	11,533	11,421	11,464	11,461	11,585	11,905	11,927	11,806	11,961	11,977	11,775	11,759	11,715
Nonheating	1,109	1,116	1,109	1,108	1,104	1,140	1,114	1,118	1,139	1,116	1,122	1,124	1,118
	12,642	12,537	12,573	12,569	12,689	13,045	13,041	12,924	13,100	13,093	12,897	12,883	12,833
Service Classification No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8
Service Classification No. 9	28	28	28	28	28	28	28	28	28	28	28	28	28
Service Classification No. 11	7	7	7	7	7	7	7	7	7	7	7	7	7
Interdepartmental	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Sales & Transport Customers	86,093	86,090	86,260	86,374	86,613	87,091	87,204	87,200	87,493	87,610	87,530	87,632	86,933

Appendix K Sheet 20 of 20

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Gas Customers & Sales by Service Classification
Rate Year 3 (Twelve Months Ended June 30, 2024)**

Sales & Transport (Mcf)	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>Total</u>
Service Classification Nos. 1 & 12													
Heat	152,226	126,802	138,335	222,468	432,476	687,526	906,008	962,221	861,735	715,301	481,145	280,423	5,966,666
Nonheating	6,071	5,202	5,201	7,269	12,158	18,446	22,502	24,080	23,047	19,777	14,127	9,177	167,057
	158,297	132,004	143,536	229,737	444,634	705,972	928,510	986,301	884,782	735,078	495,272	289,600	6,133,723
Service Classification Nos. 2, 6 & 13													
Heat	283,954	257,236	296,511	335,899	580,897	842,607	1,018,460	1,040,442	947,471	762,409	506,579	309,042	7,181,507
Nonheating	60,919	59,690	57,811	69,539	73,168	94,400	106,560	116,414	102,822	97,215	65,128	68,773	972,439
	344,873	316,926	354,322	405,438	654,065	937,007	1,125,020	1,156,856	1,050,293	859,624	571,707	377,815	8,153,946
Service Classification No. 8	5,850	5,430	6,140	9,520	9,500	6,852	2,780	2,050	2,130	4,100	7,920	3,920	66,192
Service Classification No. 9	59,770	75,100	54,860	103,220	128,190	127,434	123,860	116,300	108,350	88,190	80,550	64,840	1,130,664
Service Classification No. 11	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091
Service Classification No. 14	-	-	-	-	-	-	-	-	-	-	-	-	-
Sales for Resale	-	-	-	-	-	-	-	-	-	-	-	-	-
Interdepartmental	310	160	200	260	1,690	4,020	4,840	5,370	4,140	3,100	1,660	490	26,240
Total Sales & Transport	690,111	651,352	674,524	893,679	1,441,110	2,031,683	2,467,001	2,515,132	2,287,665	1,861,842	1,291,745	852,012	17,657,856
Base Revenue (\$)													
Service Classification Nos. 1 & 12													
Heat	\$ 3,334,010	\$ 3,055,360	\$ 3,186,200	\$ 4,121,100	\$ 6,450,020	\$ 9,278,000	\$ 11,700,740	\$ 12,326,300	\$ 11,216,550	\$ 9,597,830	\$ 7,007,550	\$ 4,787,760	\$ 86,061,420
Nonheating	\$ 233,680	\$ 223,770	\$ 223,790	\$ 246,540	\$ 300,490	\$ 369,970	\$ 414,570	\$ 431,890	\$ 420,310	\$ 383,940	\$ 321,200	\$ 266,180	\$ 3,836,330
	\$ 3,567,690	\$ 3,279,130	\$ 3,409,990	\$ 4,367,640	\$ 6,750,510	\$ 9,647,970	\$ 12,115,310	\$ 12,758,190	\$ 11,636,860	\$ 9,981,770	\$ 7,328,750	\$ 5,053,940	\$ 89,897,750
Service Classification Nos. 2, 6 & 13													
Heat	\$ 1,876,090	\$ 1,726,890	\$ 1,941,430	\$ 2,154,760	\$ 3,487,360	\$ 4,918,200	\$ 5,872,080	\$ 5,986,520	\$ 5,488,640	\$ 4,486,360	\$ 3,092,010	\$ 2,020,790	\$ 43,051,130
Nonheating	\$ 357,250	\$ 350,850	\$ 340,370	\$ 403,860	\$ 423,280	\$ 539,720	\$ 604,570	\$ 658,090	\$ 585,200	\$ 553,840	\$ 380,140	\$ 399,980	\$ 5,597,150
	\$ 2,233,340	\$ 2,077,740	\$ 2,281,800	\$ 2,558,620	\$ 3,910,640	\$ 5,457,920	\$ 6,476,650	\$ 6,644,610	\$ 6,073,840	\$ 5,040,200	\$ 3,472,150	\$ 2,420,770	\$ 48,648,280
Service Classification No. 8	\$ 20,800	\$ 19,300	\$ 21,830	\$ 33,840	\$ 33,770	\$ 24,360	\$ 9,880	\$ 7,290	\$ 7,580	\$ 14,580	\$ 28,150	\$ 13,940	\$ 235,320
Service Classification No. 9	\$ 169,750	\$ 228,070	\$ 153,930	\$ 281,340	\$ 331,060	\$ 314,740	\$ 303,250	\$ 282,780	\$ 272,220	\$ 220,970	\$ 217,650	\$ 188,510	\$ 2,964,270
Service Classification No. 11	\$ 363,515	\$ 363,725	\$ 362,215	\$ 369,815	\$ 382,845	\$ 393,545	\$ 400,975	\$ 393,095	\$ 390,255	\$ 375,255	\$ 366,445	\$ 362,045	\$ 4,523,733
Service Classification No. 14	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sales for Resale	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interdepartmental	\$ 1,541	\$ 796	\$ 995	\$ 1,293	\$ 8,404	\$ 19,989	\$ 24,067	\$ 26,702	\$ 20,586	\$ 15,415	\$ 8,254	\$ 2,437	\$ 130,479
Total Own Territory	\$ 6,356,637	\$ 5,968,761	\$ 6,230,760	\$ 7,612,548	\$ 11,417,229	\$ 15,858,525	\$ 19,330,132	\$ 20,112,668	\$ 18,401,341	\$ 15,648,190	\$ 11,421,400	\$ 8,041,642	\$ 146,399,831
Customers													
Service Classification Nos. 1 & 12													
Heat	67,962	68,083	68,214	68,341	68,467	68,599	68,726	68,849	68,978	69,104	69,230	69,360	68,659
Nonheating	6,864	6,852	6,853	6,847	6,839	6,830	6,820	6,813	6,805	6,802	6,793	6,786	6,825
	74,826	74,935	75,067	75,188	75,306	75,429	75,546	75,662	75,783	75,906	76,023	76,146	75,485
Service Classification Nos. 2, 6 & 13													
Heat	11,755	11,642	11,686	11,682	11,806	12,126	12,148	12,028	12,181	12,198	11,996	11,979	11,936
Nonheating	1,119	1,126	1,118	1,116	1,110	1,145	1,118	1,121	1,141	1,116	1,121	1,123	1,123
	12,874	12,768	12,804	12,798	12,916	13,271	13,266	13,149	13,322	13,314	13,117	13,102	13,058
Service Classification No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8
Service Classification No. 9	28	28	28	28	28	28	28	28	28	28	28	28	28
Service Classification No. 11	7	7	7	7	7	7	7	7	7	7	7	7	7
Interdepartmental	1	1	1	1	1	1	1	1	1	1	1	1	1
Total Sales & Transport Customers	87,744	87,747	87,915	88,030	88,266	88,744	88,856	88,855	89,149	89,264	89,184	89,292	88,587

Appendix L Sheet 1 of 6

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429

Electric Base Delivery Revenue Allocation- Rate Year 1

	Revenue <u>Decrease</u>	Decrease <u>Percent</u>
SC 1 Residential	\$ (904,027)	-0.35%
SC 2 Non Demand	\$ (143,290)	-0.67%
SC 2 Secondary	\$ (848,439)	-1.16%
SC 2 Primary	\$ (106,338)	-1.76%
SC 3 Primary	\$ (149,789)	-1.68%
SC 5 Area Lighting	\$ (25,477)	-1.34%
SC 6 Residential TOU	\$ (14,243)	-1.01%
SC 8 Street Lighting	\$ (21,536)	-0.42%
SC 9 Traffic Signals	\$ (5,984)	-3.26%
SC 13 Substation	\$ (52,206)	-1.98%
SC 13 Transmission	\$ (282,640)	-3.74%
Total	\$ (2,553,969)	-0.66%

*Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix L Sheet 2 of 6

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429

Electric Base Delivery Revenue Allocation- Rate Year 2

	Revenue	Increase
	<u>Increase</u>	<u>Percent</u>
SC 1 Residential	\$ 13,343,988	5.18%
SC 2 Non Demand	\$ 1,182,304	5.47%
SC 2 Secondary	\$ 3,374,314	4.51%
SC 2 Primary	\$ 231,456	3.81%
SC 3 Primary	\$ 346,318	3.84%
SC 5 Area Lighting	\$ 102,447	5.45%
SC 6 Residential TOU	\$ 67,606	4.90%
SC 8 Street Lighting	\$ 266,517	5.19%
SC 9 Traffic Signals	\$ 9,307	5.34%
SC 13 Substation	\$ 88,505	3.47%
SC 13 Transmission	\$ 105,843	1.50%
Total	\$ 19,118,605	4.94%

*Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix L Sheet 3 of 6

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429

Electric Base Delivery Revenue Allocation- Rate Year 3

	Revenue <u>Increase</u>	Increase <u>Percent</u>
SC 1 Residential	\$ 14,095,551	5.17%
SC 2 Non Demand	\$ 1,244,847	5.37%
SC 2 Secondary	\$ 3,621,594	4.54%
SC 2 Primary	\$ 247,087	3.86%
SC 3 Primary	\$ 369,607	3.89%
SC 5 Area Lighting	\$ 107,259	5.42%
SC 6 Residential TOU	\$ 74,536	4.91%
SC 8 Street Lighting	\$ 279,164	5.17%
SC 9 Traffic Signals	\$ 9,768	5.31%
SC 13 Substation	\$ 92,504	3.50%
SC 13 Transmission	\$ 108,890	1.53%
Total	\$ 20,250,808	4.94%

*Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix L Sheet 4 of 6

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429

Gas Base Delivery Revenue Allocation - Rate Year 1

Base Revenue Allocation (Excluding Incremental MFC)	Base Rev Increase	Interruptible Revenues	Danskammer Revenues	Delivery Revenues	Increase as % of System	Delivery Increase Percent
SC 1 & 12	\$ 6,331,496	\$ (2,049,284)	\$ (960,602)	\$ 79,649,691	60.54%	4.35%
SC 2, 6 & 13	\$ 3,831,107	\$ (1,067,610)	\$ (500,442)	\$ 42,027,485	36.63%	5.69%
SC 11 Transmission	\$ 81,428	\$ (28,251)	\$ (13,242)	\$ 1,092,164	0.78%	3.80%
SC 11 Distribution	\$ 78,870	\$ (27,363)	\$ (12,826)	\$ 1,057,854	0.75%	3.80%
SC 11 - DLM	\$ 79,243	\$ (27,493)	\$ (12,887)	\$ 1,062,865	0.76%	3.80%
SC 11 - EG (Excl Danskammer)	\$ 56,554	\$ -	\$ -	\$ 787,354	0.54%	7.74%
Total	\$ 10,458,697	\$ (3,200,000)	\$ (1,500,000)	\$ 125,677,412	100.00%	4.80%

Energy Efficiency Allocation							
	EE Allocation	Base Rev Increase Incl EE	Interruptible Revenues	Danskammer Revenues	Adjusted Delivery Revenues	Increase as % of System	Delivery Increase Percent
SC 1 & 12	\$ (286,019)	\$ 6,045,477	\$ (2,049,284)	\$ (960,602)	\$ 79,363,672	57.80%	3.98%
SC 2, 6 & 13	\$ 244,399	\$ 4,075,506	\$ (1,067,610)	\$ (500,442)	\$ 42,271,884	38.97%	6.31%
SC 11 Transmission	\$ 13,373	\$ 94,800	\$ (28,251)	\$ (13,242)	\$ 1,105,537	0.91%	5.07%
SC 11 Distribution	\$ 10,564	\$ 89,434	\$ (27,363)	\$ (12,826)	\$ 1,068,418	0.86%	4.83%
SC 11 - DLM	\$ 11,275	\$ 90,519	\$ (27,493)	\$ (12,887)	\$ 1,074,141	0.87%	4.90%
SC 11 - EG (Excl Danskammer)	\$ 6,408	\$ 62,961	\$ -	\$ -	\$ 793,761	0.60%	8.62%
Total		\$ 10,458,697	\$ (3,200,000)	\$ (1,500,000)	\$ 125,677,412	100.00%	4.80%

* Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix L Sheet 5 of 6

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429**

Gas Base Delivery Revenue Allocation - Rate Year 2

Base Revenue Allocation (Excluding Incremental MFC)	<u>Base Rev Increase</u>	<u>Interruptible Revenues</u>	<u>Danskammer Revenues</u>	<u>Delivery Revenues</u>	<u>Increase as % of System</u>	<u>Delivery Increase Percent</u>
SC 1 & 12	\$ 6,794,030	\$ (2,027,441)	\$ (950,363)	\$ 84,233,675	62.67%	4.75%
SC 2, 6 & 13	\$ 3,707,000	\$ (1,090,672)	\$ (511,252)	\$ 45,366,026	34.19%	4.87%
SC 11 Transmission	\$ 93,123	\$ (27,870)	\$ (13,064)	\$ 1,157,647	0.86%	4.72%
SC 11 Distribution	\$ 89,998	\$ (26,935)	\$ (12,626)	\$ 1,118,801	0.83%	4.72%
SC 11 - DLM	\$ 90,488	\$ (27,082)	\$ (12,695)	\$ 1,124,900	0.83%	4.72%
SC 11 - EG (Excl Danskammer)	\$ 66,869	\$ -	\$ -	\$ 860,669	0.62%	8.42%
Total	\$ 10,841,507	\$ (3,200,000)	\$ (1,500,000)	\$ 133,861,717	100.00%	4.81%

Energy Efficiency Allocation							
	<u>EE Allocation</u>	<u>Base Rev Increase Incl EE</u>	<u>Interruptible Revenues</u>	<u>Danskammer Revenues</u>	<u>Adjusted Delivery Revenues</u>	<u>Increase as % of System</u>	<u>Delivery Increase Percent</u>
SC 1 & 12	\$ (13,558)	\$ 6,780,471	\$ (2,027,441)	\$ (950,363)	\$ 84,220,117	62.54%	4.73%
SC 2, 6 & 13	\$ (46,126)	\$ 3,660,874	\$ (1,090,672)	\$ (511,252)	\$ 45,319,900	33.77%	4.76%
SC 11 Transmission	\$ 23,318	\$ 116,440	\$ (27,870)	\$ (13,064)	\$ 1,180,964	1.07%	6.83%
SC 11 Distribution	\$ 14,105	\$ 104,102	\$ (26,935)	\$ (12,626)	\$ 1,132,906	0.96%	6.04%
SC 11 - DLM	\$ 16,519	\$ 107,007	\$ (27,082)	\$ (12,695)	\$ 1,141,418	0.99%	6.26%
SC 11 - EG (Excl Danskammer)	\$ 5,743	\$ 72,612	\$ -	\$ -	\$ 866,412	0.67%	9.15%
Total		\$ 10,841,507	\$ (3,200,000)	\$ (1,500,000)	\$ 133,861,717	100.00%	4.81%

* Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix L Sheet 6 of 6

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429**

Gas Base Delivery Revenue Allocation - Rate Year 3

Base Revenue Allocation (Excluding Incremental MFC)	<u>Base Rev Increase</u>	<u>Interruptible Revenues</u>	<u>Danskammer Revenues</u>	<u>Delivery Revenues</u>	<u>Increase as % of System</u>	<u>Delivery Increase Percent</u>
SC 1 & 12	\$ 6,892,159	\$ (2,023,642)	\$ (948,582)	\$ 89,915,835	62.68%	4.56%
SC 2, 6 & 13	\$ 3,758,699	\$ (1,095,052)	\$ (513,305)	\$ 48,685,232	34.18%	4.62%
SC 11 Transmission	\$ 94,330	\$ (27,791)	\$ (13,027)	\$ 1,234,496	0.86%	4.53%
SC 11 Distribution	\$ 90,487	\$ (26,658)	\$ (12,496)	\$ 1,184,195	0.82%	4.53%
SC 11 - DLM	\$ 91,163	\$ (26,858)	\$ (12,590)	\$ 1,193,048	0.83%	4.53%
SC 11 - EG (Excl Danskammer)	\$ 69,203	\$ -	\$ -	\$ 935,603	0.63%	7.99%
Total	\$ 10,996,041	\$ (3,200,000)	\$ (1,500,000)	\$ 143,148,409	100.00%	4.60%

Energy Efficiency Allocation							
	<u>EE Allocation</u>	<u>Base Rev Increase Incl EE</u>	<u>Interruptible Revenues</u>	<u>Danskammer Revenues</u>	<u>Adjusted Delivery Revenues</u>	<u>Increase as % of System</u>	<u>Delivery Increase Percent</u>
SC 1 & 12	\$ 5,131	\$ 6,897,290	\$ (2,023,642)	\$ (948,582)	\$ 89,920,967	62.73%	4.56%
SC 2, 6 & 13	\$ 18,928	\$ 3,777,627	\$ (1,095,052)	\$ (513,305)	\$ 48,704,160	34.35%	4.66%
SC 11 Transmission	\$ (9,434)	\$ 84,896	\$ (27,791)	\$ (13,027)	\$ 1,225,062	0.77%	3.73%
SC 11 Distribution	\$ (5,707)	\$ 84,780	\$ (26,658)	\$ (12,496)	\$ 1,178,487	0.77%	4.03%
SC 11 - DLM	\$ (6,684)	\$ 84,479	\$ (26,858)	\$ (12,590)	\$ 1,186,364	0.77%	3.95%
SC 11 - EG (Excl Danskammer)	\$ (2,234)	\$ 66,969	\$ -	\$ -	\$ 933,369	0.61%	7.73%
Total		\$ 10,996,041	\$ (3,200,000)	\$ (1,500,000)	\$ 143,148,409	100.00%	4.60%

* Results of revenue allocation presenting revenue increase/(decrease) utilized in base delivery rate design. Change in MFCs addressed separately through revised MFC rates and moderation addressed separately through bill credits.

Appendix M Sheet 1 of 11

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Electric Billing Determinants (Excludes S.C. Nos. 5 & 8, Unbilled & Interdepartmental)

		12 Months Ending Jun-22 <u>Rate Year 1</u>	12 Months Ending Jun-23 <u>Rate Year 2</u>	12 Months Ending Jun-24 <u>Rate Year 3</u>
S.C. No. 1	Customer Months	3,143,133	3,150,561	3,162,302
	kWh	2,104,509,021	2,117,073,758	2,132,701,257
S.C. No. 2 - Non-Demand	Customer Months	374,433	376,258	377,667
	kWh	166,748,408	173,428,967	178,305,563
S.C. No. 2 - Secondary	Customer Months	143,133	143,775	144,270
	kWh	1,378,417,798	1,426,654,987	1,462,158,328
	kW	4,388,495	4,542,857	4,656,453
	Rkva	150,047	155,443	159,445
S.C. No. 2 - Primary	Customer Months	1,788	1,792	1,795
	kWh	204,699,768	209,466,050	212,917,547
	kW	523,456	535,734	544,684
	Rkva	103,472	105,940	107,785
S.C. No. 3	Customer Months	437	437	437
	kWh	293,729,959	300,449,125	305,315,496
	kW	668,152	683,481	694,595
	Rkva	100,650	103,000	104,703
S.C. No. 6	Customer Months	11,520	11,520	11,520
	On-Peak kWh	5,946,500	5,946,500	5,946,500
	Off-Peak kWh	11,043,500	11,043,500	11,043,500
S.C. No. 9 - Traffic Signals	Signal Face Months	45,539	45,539	45,539
	kWh	720,000	720,000	720,000
S.C. No. 13 - Transmission	Customer Months	72	72	72
	kWh	649,170,000	649,170,000	649,170,000
	kW	1,063,032	1,063,032	1,063,032
	Rkva	47,740	47,740	47,740
S.C. No. 13 - Substation	Customer Months	84	84	84
	kWh	112,620,000	112,620,000	112,620,000
	kW	205,259	205,259	205,259
	Rkva	31,970	31,970	31,970

Appendix M Sheet 2 of 11

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Proposed Monthly Electric Base Delivery Rates
(Excludes S.C. Nos. 5 & 8, Unbilled & Interdepartmental)**

			12 Months Ending Jun-22	12 Months Ending Jun-23	12 Months Ending Jun-24		
			<u>Current Rates</u>	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>	
S.C. No. 1	Customer Charge	\$	19.50	\$	19.50	\$	19.50
	kWh Delivery	\$	0.09283	\$	0.09262	\$	0.10546
S.C. No. 2 - Non-Demand	Customer Charge	\$	30.50	\$	30.50	\$	30.50
	kWh Delivery	\$	0.05921	\$	0.05851	\$	0.07234
S.C. No. 2 - Secondary	Customer Charge	\$	97.00	\$	100.00	\$	120.00
	HPP Customer Charge	\$	127.00	\$	130.00	\$	150.00
	kWh Delivery	\$	0.00430	\$	0.00424	\$	0.00467
	kW Delivery	\$	12.18	\$	11.92	\$	12.71
	Rkva*	\$	0.83	\$	0.83	\$	0.83
S.C. No. 2 - Primary	Customer Charge	\$	414.00	\$	425.00	\$	490.00
	HPP Customer Charge	\$	444.00	\$	455.00	\$	520.00
	kWh Delivery	\$	0.00122	\$	0.00118	\$	0.00144
	kW Delivery	\$	9.43	\$	9.23	\$	9.79
	Rkva*	\$	0.83	\$	0.83	\$	0.83
S.C. No. 3	Customer Charge	\$	1,950.00	\$	2,150.00	\$	2,400.00
	kWh Delivery	\$	-	\$	-	\$	-
	kW Delivery	\$	11.92	\$	11.69	\$	12.56
	Rkva	\$	0.83	\$	0.83	\$	0.83
S.C. No. 6	Customer Charge	\$	22.50	\$	22.50	\$	22.50
	kWh Delivery On Pk	\$	0.12006	\$	0.11649	\$	0.13836
	kWh Delivery Off Pk	\$	0.04002	\$	0.03883	\$	0.04612
S.C. No. 6 (5 Hour On-Peak)	Customer Charge	\$	22.50	\$	22.50	\$	22.50
	kWh Delivery On Pk	\$	0.10237	\$	0.10213	\$	0.10987
	kWh Delivery Off Pk	\$	0.08860	\$	0.08839	\$	0.09501
S.C. No. 9	Signal Faces	\$	4.03	\$	3.83	\$	4.04
S.C. No. 13 - Substation	Customer Charge	\$	5,200.00	\$	6,000.00	\$	7,500.00
	kWh Delivery	\$	-	\$	-	\$	-
	kW Delivery	\$	10.96	\$	9.85	\$	10.11
	Rkva	\$	0.83	\$	0.83	\$	0.83
S.C. No. 13 - Transmission	Customer Charge	\$	8,500.00	\$	9,600.00	\$	12,000.00
	kWh Delivery	\$	-	\$	-	\$	-
	kW Delivery	\$	6.76	\$	5.93	\$	5.95
	Rkva	\$	0.83	\$	0.83	\$	0.83

Energy Efficiency Exemption Credit Rate per kW:							
	S.C. No. 2 - Secondary	\$	0.67	\$	0.65	\$	0.66
	S.C. No. 2 - Primary	\$	0.77	\$	0.75	\$	0.73
	S.C. No. 3	\$	0.89	\$	0.87	\$	0.85
	S.C. No. 13 - Substation	\$	1.03	\$	1.02	\$	1.02
	S.C. No. 13 - Transmission	\$	0.80	\$	0.79	\$	0.78

*As applicable

Appendix M Sheet 3 of 11

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Summary of Proposed Electric Merchant Function Charges

			12 Months Ending Jun-22	12 Months Ending Jun-23	12 Months Ending Jun-24
	<u>Current Rates</u>		<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
<u>MFC Administration Charge per kWh</u>					
S.C. No. 1 - Residential	\$	0.00186	\$ 0.00144	\$ 0.00143	\$ 0.00142
S.C. No. 2 - Non Demand	\$	0.00258	\$ 0.00217	\$ 0.00209	\$ 0.00209
S.C. No. 2 - Primary Demand	\$	0.00001	\$ 0.00001	\$ 0.00001	\$ 0.00001
S.C. No. 2 - Secondary Demand	\$	0.00012	\$ 0.00010	\$ 0.00010	\$ 0.00010
S.C. No. 3 - Large Power Primary	\$	-	\$ -	\$ -	\$ -
S.C. No. 5 - Area Lighting	\$	0.00445	\$ 0.00411	\$ 0.00411	\$ 0.00411
S.C. No. 6 - Residential Time-of-Use	\$	0.00072	\$ 0.00155	\$ 0.00065	\$ 0.00065
S.C. No. 8 - Street Lighting	\$	0.00018	\$ 0.00020	\$ 0.00020	\$ 0.00020
S.C. No. 9 - Traffic Signals	\$	0.00122	\$ 0.00319	\$ 0.00319	\$ 0.00319
S.C. No. 13 - Substation	\$	-	\$ -	\$ -	\$ -
S.C. No. 13 - Transmission	\$	-	\$ -	\$ -	\$ -
<u>MFC Supply Charge per kWh</u>					
S.C. No. 1 - Residential	\$	0.00315	\$ 0.00331	\$ 0.00329	\$ 0.00326
S.C. No. 2 - Non Demand	\$	0.00436	\$ 0.00497	\$ 0.00478	\$ 0.00478
S.C. No. 2 - Primary Demand	\$	0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002
S.C. No. 2 - Secondary Demand	\$	0.00019	\$ 0.00023	\$ 0.00022	\$ 0.00022
S.C. No. 3 - Large Power Primary	\$	-	\$ -	\$ -	\$ -
S.C. No. 5 - Area Lighting	\$	0.00752	\$ 0.00941	\$ 0.00941	\$ 0.00941
S.C. No. 6 - Residential Time-of-Use	\$	0.00121	\$ 0.00354	\$ 0.00150	\$ 0.00150
S.C. No. 8 - Street Lighting	\$	0.00031	\$ 0.00046	\$ 0.00046	\$ 0.00046
S.C. No. 9 - Traffic Signals	\$	0.00207	\$ 0.00731	\$ 0.00731	\$ 0.00731
S.C. No. 13 - Substation	\$	-	\$ -	\$ -	\$ -
S.C. No. 13 - Transmission	\$	-	\$ -	\$ -	\$ -

Appendix M Sheet 4 of 11

Central Hudson Gas & Electric Corporation

Cases 20-E-0428 & 20-G-0429

Summary of Proposed Electric Bill Credit

				12 Months Ending Jun-22 <u>Rate Year 1</u>	12 Months Ending Jun-23 <u>Rate Year 2</u>	12 Months Ending Jun-24 <u>Rate Year 3</u>
<u>Current Rates</u>						
S.C. No. 1 - Residential	per kWh	\$	-	\$ 0.00062	\$ (0.00301)	\$ (0.00675)
S.C. No. 2 - Non Demand	per kWh	\$	-	\$ 0.00049	\$ (0.00314)	\$ (0.00697)
S.C. No. 2 - Primary Demand	per kWh	\$	-	\$ 0.00018	\$ (0.00069)	\$ (0.00153)
S.C. No. 2 - Secondary Demand	per kWh	\$	-	\$ 0.00033	\$ (0.00126)	\$ (0.00280)
S.C. No. 3 - Large Power Primary	per kW	\$	-	\$ 0.06000	\$ (0.31000)	\$ (0.70000)
S.C. No. 5 - Area Lighting	per kWh	\$	-	\$ 0.00063	\$ (0.00429)	\$ (0.00966)
S.C. No. 6 - Residential Time-of-Use	per kWh	\$	-	\$ 0.00041	\$ (0.00200)	\$ (0.00465)
S.C. No. 8 - Street Lighting	per kWh	\$	-	\$ 0.00257	\$ (0.01011)	\$ (0.02278)
S.C. No. 9 - Traffic Signals	per kWh	\$	-	\$ 0.00139	\$ (0.00556)	\$ (0.01389)
S.C. No. 13 - Substation	per kW	\$	-	\$ 0.06000	\$ (0.30000)	\$ (0.65000)
S.C. No. 13 - Transmission	per kW	\$	-	\$ 0.03000	\$ (0.16000)	\$ (0.34000)

Appendix M Sheet 5 of 11
Central Hudson Gas & Electric Corporation
Electric Energy Efficiency Base Rate Design

Twelve Months Ending June 30, 2022

Energy Efficiency Allocation	Demand = 12.70%				Energy = 87.30%				Total Allocator
	Summer CP kW	RNY/EZ kW	Summer CP %	Allocation	RY MWh	RNY/EZ MWh	MWh %	Allocation	
SC 1 Residential	643,280		60.70%	7.71%	2,104,509		46.52%	40.61%	48.32%
SC 2 Non Demand	35,031		3.31%	0.42%	166,748		3.69%	3.22%	3.64%
SC 2 Secondary	278,340	454	26.22%	3.33%	1,378,418	1,962	30.42%	26.56%	29.89%
SC 2 Primary	14,085	-	1.33%	0.17%	204,700		4.52%	3.95%	4.12%
SC 3 Primary	34,488	260	3.23%	0.41%	293,730	1,783	6.45%	5.63%	6.04%
SC 5 Area Lighting	-		0.00%	0.00%	11,180		0.25%	0.22%	0.22%
SC 6 Residential TOU	3,285		0.31%	0.04%	7,200		0.16%	0.14%	0.18%
SC 8 Street Lighting	-		0.00%	0.00%	12,070		0.27%	0.23%	0.23%
SC 9 Traffic Signals	16		0.00%	0.00%	720		0.02%	0.01%	0.01%
SC 13 Substation	12,533	5,980	0.62%	0.08%	112,620	33,972	1.74%	1.52%	1.60%
SC 13 Transmission	75,371	30,020	4.28%	0.54%	649,170	379,042	5.97%	5.21%	5.76%
Total	1,096,429	36,714	100.00%	12.70%	4,941,065	416,759	100.00%	87.30%	100.00%

	Total Allocator	\$ 9,773,000 Allocation	All kW	RNY/EZ kW	Non-RNY/EZ kW	Not Collected	Non-RNY/EZ \$/kW	Base Rates \$/kW	Total \$/kW	Recovery			Change	
										All kW	RNY/EZ Credit	Total	Base Rate	from Pre-Rate Relief
SC 1 Residential	48.32%	\$ 4,722,094										\$ 4,722,094	\$ 4,722,094	\$ 452,556
SC 2 Non Demand	3.64%	\$ 355,516										\$ 355,516	\$ 355,516	\$ 27,079
SC 2 Secondary	29.89%	\$ 2,921,196	4,388,495	5,688	4,382,807	\$ 3,786	\$ 0.001	\$ 0.666	\$ 0.667	\$ 2,927,126	\$ (3,794)	\$ 2,923,332	\$ 2,927,126	\$ 55,503
SC 2 Primary	4.12%	\$ 402,475	523,456	-	523,456	\$ -	\$ -	\$ 0.769	\$ 0.769	\$ 402,538	\$ -	\$ 402,538	\$ 402,538	\$ 13,709
SC 3 Primary	6.04%	\$ 590,649	668,152	3,120	665,032	\$ 2,758	\$ 0.004	\$ 0.884	\$ 0.888	\$ 593,319	\$ (2,771)	\$ 590,548	\$ 593,319	\$ 82,410
SC 5 Area Lighting	0.22%	\$ 21,074										\$ 21,074	\$ 21,074	\$ (2,210)
SC 6 Residential TOU	0.18%	\$ 17,413										\$ 17,413	\$ 17,413	\$ (20,030)
SC 8 Street Lighting	0.23%	\$ 22,780										\$ 22,780	\$ 22,780	\$ (10,495)
SC 9 Traffic Signals	0.01%	\$ 1,390										\$ 1,390	\$ 1,390	\$ (3,050)
SC 13 Substation	1.60%	\$ 155,954	205,259	53,380	151,879	\$ 40,558	\$ 0.267	\$ 0.760	\$ 1.027	\$ 210,801	\$ (54,821)	\$ 155,980	\$ 210,801	\$ (109,367)
SC 13 Transmission	5.76%	\$ 562,558	1,063,032	360,000	703,032	\$ 190,512	\$ 0.271	\$ 0.529	\$ 0.800	\$ 850,426	\$ (288,000)	\$ 562,426	\$ 850,426	\$ (521,690)
Total	100.00%	\$ 9,773,099									\$ (349,386)	\$ 9,775,091		\$ (35,586)

Appendix M Sheet 6 of 11
Central Hudson Gas & Electric Corporation
Electric Energy Efficiency Base Rate Design

Twelve Months Ending June 30, 2023

Energy Efficiency Allocation	Demand = 12.70%				Energy = 87.30%				Total Allocator
	Summer CP kW	RNY/EZ kW	Summer CP %	Allocation	RY MWh	RNY/EZ MWh	MWh %	Allocation	
SC 1 Residential	643,280		60.70%	7.71%	2,117,074		45.80%	39.98%	47.69%
SC 2 Non Demand	35,031		3.31%	0.42%	173,429		3.75%	3.28%	3.70%
SC 2 Secondary	278,340	454	26.22%	3.33%	1,426,655	1,962	30.82%	26.91%	30.24%
SC 2 Primary	14,085	-	1.33%	0.17%	209,466	-	4.53%	3.96%	4.12%
SC 3 Primary	34,488	260	3.23%	0.41%	300,449	1,783	6.46%	5.64%	6.05%
SC 5 Area Lighting	-		0.00%	0.00%	11,180		0.24%	0.21%	0.21%
SC 6 Residential TOU	3,285		0.31%	0.04%	16,990		0.37%	0.32%	0.36%
SC 8 Street Lighting	-		0.00%	0.00%	12,070		0.26%	0.23%	0.23%
SC 9 Traffic Signals	16		0.00%	0.00%	720		0.02%	0.01%	0.01%
SC 13 Substation	12,533	5,980	0.62%	0.08%	112,620	24,472	1.91%	1.66%	1.74%
SC 13 Transmission	75,371	<u>30,020</u>	<u>4.28%</u>	<u>0.54%</u>	<u>649,170</u>	<u>379,042</u>	<u>5.84%</u>	<u>5.10%</u>	<u>5.65%</u>
Total	1,096,429	36,714	100.00%	12.70%	5,029,823	407,259	100.00%	87.30%	100.00%

	Total Allocator	\$ 9,773,000 Allocation	All kW	RNY/EZ kW	Non-RNY/EZ kW	Not Collected	Non-RNY/EZ \$/kW	Base Rates \$/kW	Total \$/kW	Recovery			
										All kW	RNY/EZ Credit	Total	Base Rate
SC 1 Residential	47.69%	\$ 4,660,920										\$ 4,660,920	\$ 4,660,920
SC 2 Non Demand	3.70%	\$ 361,147										\$ 361,147	\$ 361,147
SC 2 Secondary	30.24%	\$ 2,954,982	4,542,857	5,688	4,537,169	\$ 3,700	\$ 0.001	\$ 0.650	\$ 0.651	\$ 2,957,400	\$ (3,703)	\$ 2,953,697	\$ 2,957,400
SC 2 Primary	4.12%	\$ 403,072	535,734	-	535,734	\$ -	\$ -	\$ 0.752	\$ 0.752	\$ 402,872	\$ -	\$ 402,872	\$ 402,872
SC 3 Primary	6.05%	\$ 591,331	683,481	3,120	680,361	\$ 2,699	\$ 0.004	\$ 0.865	\$ 0.869	\$ 593,945	\$ (2,711)	\$ 591,234	\$ 593,945
SC 5 Area Lighting	0.21%	\$ 20,647										\$ 20,647	\$ 20,647
SC 6 Residential TOU	0.36%	\$ 35,245										\$ 35,245	\$ 35,245
SC 8 Street Lighting	0.23%	\$ 22,268										\$ 22,268	\$ 22,268
SC 9 Traffic Signals	0.01%	\$ 1,390										\$ 1,390	\$ 1,390
SC 13 Substation	1.74%	\$ 170,372	205,259	38,500	166,759	\$ 31,956	\$ 0.192	\$ 0.830	\$ 1.022	\$ 209,775	\$ (39,347)	\$ 170,428	\$ 209,775
SC 13 Transmission	<u>5.65%</u>	<u>\$ 551,722</u>	1,063,032	360,000	703,032	\$ 186,843	\$ 0.266	\$ 0.519	\$ 0.785	\$ 834,480	\$ (282,600)	\$ 551,880	\$ 834,480
Total	100.00%	\$ 9,773,096									\$ (328,361)	\$ 9,771,728	

Appendix M Sheet 7 of 11
Central Hudson Gas & Electric Corporation
Electric Energy Efficiency Base Rate Design

Twelve Months Ending June 30, 2024

Energy Efficiency Allocation	Demand = 12.70%				Energy = 87.30%				Total Allocator
	Summer CP kW	RNY/EZ kW	Summer CP %	Allocation	RY MWh	RNY/EZ MWh	MWh %	Allocation	
SC 1 Residential	577,649		56.52%	7.18%	2,132,701		45.50%	39.7249920%	46.90%
SC 2 Non Demand	29,918		2.93%	0.37%	178,306		3.80%	3.32%	3.69%
SC 2 Secondary	322,168	454	31.48%	4.00%	1,462,158	1,962	31.16%	27.20%	31.20%
SC 2 Primary	8,188	-	0.80%	0.10%	212,918	-	4.54%	3.97%	4.07%
SC 3 Primary	26,151	260	2.53%	0.32%	305,315	1,783	6.48%	5.65%	5.98%
SC 5 Area Lighting	-		0.00%	0.00%	11,180		0.24%	0.21%	0.21%
SC 6 Residential TOU	1,873		0.18%	0.02%	16,990		0.36%	0.32%	0.34%
SC 8 Street Lighting	-		0.00%	0.00%	12,070		0.26%	0.23%	0.23%
SC 9 Traffic Signals	272		0.03%	0.00%	720		0.02%	0.01%	0.02%
SC 13 Substation	14,512	5,980	0.84%	0.11%	112,620	24,472	1.88%	1.64%	1.75%
SC 13 Transmission	77,977	30,020	<u>4.69%</u>	<u>0.60%</u>	<u>649,170</u>	<u>379,042</u>	<u>5.76%</u>	<u>5.03%</u>	<u>5.63%</u>
Total	1,058,708	36,714	100.00%	12.70%	5,094,148	407,259	100.00%	87.30%	100.00%

	Total Allocator	\$ 9,773,000 Allocation	All kW	RNY/EZ kW	Non-RNY/EZ kW	Not Collected	Non-RNY/EZ \$/kW	Base Rates \$/kW	Total \$/kW	Recovery			Base Rate	Change from RY2
										All kW	RNY/EZ Credit	Total		
SC 1 Residential	46.90%	\$ 4,583,858										\$ 4,583,858	\$ 4,583,858	\$ (77,062)
SC 2 Non Demand	3.69%	\$ 360,880										\$ 360,880	\$ 360,880	\$ (267)
SC 2 Secondary	31.20%	\$ 3,048,800	4,656,453	5,688	4,650,765	\$ 3,724	\$ 0.001	\$ 0.655	\$ 0.66	\$ 3,054,633	\$ (3,731)	\$ 3,050,902	\$ 3,054,633	\$ 97,233
SC 2 Primary	4.07%	\$ 397,543	544,684	-	544,684	\$ -	\$ -	\$ 0.730	\$ 0.73	\$ 397,619	\$ -	\$ 397,619	\$ 397,619	\$ (5,253)
SC 3 Primary	5.98%	\$ 583,960	694,595	3,120	691,475	\$ 2,623	\$ 0.004	\$ 0.841	\$ 0.85	\$ 586,933	\$ (2,636)	\$ 584,297	\$ 586,933	\$ (7,012)
SC 5 Area Lighting	0.21%	\$ 20,391										\$ 20,391	\$ 20,391	\$ (256)
SC 6 Residential TOU	0.34%	\$ 33,242										\$ 33,242	\$ 33,242	\$ (2,003)
SC 8 Street Lighting	0.23%	\$ 22,012										\$ 22,012	\$ 22,012	\$ (256)
SC 9 Traffic Signals	0.02%	\$ 1,615										\$ 1,615	\$ 1,615	\$ 225
SC 13 Substation	1.75%	\$ 170,847	205,259	38,500	166,759	\$ 32,045	\$ 0.192	\$ 0.832	\$ 1.02	\$ 210,185	\$ (39,424)	\$ 170,761	\$ 210,185	\$ 410
SC 13 Transmission	<u>5.63%</u>	<u>\$ 549,925</u>	1,063,032	<u>360,000</u>	703,032	\$ 186,234	\$ 0.265	\$ 0.517	\$ 0.78	\$ 831,291	\$ (281,520)	\$ 549,771	\$ 831,291	\$ (3,189)
Total	100.00%	\$ 9,773,073									\$ (327,311)	\$ 9,775,348		\$ 2,570

Appendix M Sheet 8 of 11

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas Billing Determinants**

		<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
S.C. No. 1 & 12 Res. Heat	Block 1 - Customer Months	788,395	805,759	823,913
	Block 1 - Mcf - Included in Customer Charge	187,357	190,916	195,193
	Block 2 - Mcf	2,392,685	2,438,165	2,492,768
	Block 3 - Mcf	3,147,057	3,206,882	3,278,705
S.C. No. 1 & 12 Res. Non-Heat	Block 1 - Customer Months	83,923	82,910	81,904
	Block 1 - Mcf - Included in Customer Charge	5,368	5,416	5,466
	Block 2 - Mcf	68,567	69,169	69,794
	Block 3 - Mcf	90,189	90,979	91,797
S.C. No. 2, 6 & 13 Heat	Block 1 - Customer Months	137,926	140,574	143,227
	Block 1 - Mcf - Included in Customer Charge	20,717	21,735	22,428
	Block 2 - Mcf	710,003	744,929	768,741
	Block 3 - Mcf	4,054,659	4,254,116	4,390,140
	Block 4 - Mcf	1,847,344	1,938,220	2,000,198
S.C. No. 2, 6 & 13 Non-Heat	Block 1 - Customer Months	13,279	13,419	13,474
	Block 1 - Mcf - Included in Customer Charge	2,917	2,986	3,036
	Block 2 - Mcf	99,896	102,322	104,093
	Block 3 - Mcf	570,486	584,335	594,463
	Block 4 - Mcf	259,918	266,230	270,847
S.C. No. 11 Transmission	Block 1 - Customer Months	24	24	24
	Block 1 - Mcf - Included in Customer Charge	2,400	2,400	2,400
	Block 2 - Mcf	862,508	862,508	862,508
	MDQ	102,576	102,576	102,576
S.C. No. 11 Distribution	Block 1 - Customer Months	36	36	36
	Block 1 - Mcf - Included in Customer Charge	3,600	3,600	3,600
	Block 2 - Mcf	604,227	604,227	604,227
	MDQ	40,224	40,224	40,224
S.C. No. 11 - DLM	Block 1 - Customer Months	12	12	12
	Block 1 - Mcf - Included in Customer Charge	1,200	1,200	1,200
	Block 2 - Mcf	673,155	673,155	673,155
	MDQ	58,800	58,800	58,800
Interdepartmental (S.C. No. 2)	Block 4 - Mcf	26,240	26,240	26,240

Appendix M Sheet 9 of 11

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Proposed Monthly Gas Base Delivery Rates**

			<u>Current Rates</u>	<u>Rate Year 1 July 1, 2021</u>	<u>Rate Year 2 July 1, 2022</u>	<u>Rate Year 3 July 1, 2023</u>
S.C. No. 1 & 12	Billing Block 1	First 2 Ccf	\$ 24.25	\$ 24.25	\$ 24.25	\$ 24.25
	Billing Block 2 per Ccf	Next 48 Ccf	\$ 1.3593	\$ 1.3650	\$ 1.3890	\$ 1.3625
	Billing Block 3 per Ccf	Additional	\$ 0.6248	\$ 0.7142	\$ 0.8113	\$ 0.9479
S.C. No. 2, 6 & 13	Billing Block 1	First 2 Ccf	\$ 39.00	\$ 39.00	\$ 39.00	\$ 39.00
	Billing Block 2 per Ccf	Next 98 Ccf	\$ 0.6919	\$ 0.6800	\$ 0.6185	\$ 0.5609
	Billing Block 3 per Ccf	Next 4900 Ccf	\$ 0.4129	\$ 0.4753	\$ 0.5106	\$ 0.5420
	Billing Block 4 per Ccf	Additional	\$ 0.3345	\$ 0.3751	\$ 0.4265	\$ 0.4805
S.C. No. 11 Transmission	Customer Charge	First 1,000 Ccf	\$ 3,600.00	\$ 4,000.00	\$ 4,500.00	\$ 4,800.00
	Volumetric Charge per Ccf	Additional	\$ 0.0166	\$ 0.0171	\$ 0.0182	\$ 0.0189
	MDQ	Per Mcf of MDQ per Month	\$ 8.02	\$ 8.40	\$ 8.93	\$ 9.23
S.C. No. 11 Distribution	Customer Charge	First 1,000 Ccf	\$ 1,200.00	\$ 1,500.00	\$ 1,800.00	\$ 2,100.00
	Volumetric Charge per Ccf	Additional	\$ 0.0357	\$ 0.0370	\$ 0.0391	\$ 0.0404
	MDQ	Per Mcf of MDQ per Month	\$ 18.90	\$ 19.66	\$ 20.68	\$ 21.35
S.C. No. 11 DLM	Customer Charge	First 1,000 Ccf	\$ 6,800.00	\$ 7,000.00	\$ 7,300.00	\$ 7,600.00
	Volumetric Charge per Ccf	Additional	\$ 0.0226	\$ 0.0221	\$ 0.0256	\$ 0.0275
	MDQ	Per Mcf of MDQ per Month	\$ 13.44	\$ 14.31	\$ 14.99	\$ 15.48
S.C. No. 11 EG	Customer Charge		\$ 1,700.00	\$ 1,800.00	\$ 1,900.00	\$ 2,000.00
	MDQ	Per Mcf of MDQ per Month	\$ 11.84	\$ 12.87	\$ 14.06	\$ 15.16

Appendix M Sheet 10 of 11

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas Commodity Related Merchant Function Charges**

		<u>Current Rates</u>	<u>Rate Year 1 July 1, 2021</u>	<u>Rate Year 2 July 1, 2022</u>	<u>Rate Year 3 July 1, 2023</u>
<u>MFC Administration Charge per Ccf</u>					
MFC-1	1, 12 & 16	\$ 0.00678	\$ 0.00555	\$ 0.00545	\$ 0.00533
MFC-2	2, 6, 13 & 15	\$ 0.00749	\$ 0.00553	\$ 0.00529	\$ 0.00513
<u>MFC Supply Charge per Ccf</u>					
MFC-1	1, 12 & 16	\$ 0.01855	\$ 0.01257	\$ 0.01234	\$ 0.01208
MFC-2	2, 6, 13 & 15	\$ 0.02050	\$ 0.01253	\$ 0.01198	\$ 0.01163

Appendix M Sheet 11 of 11

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Summary of Proposed Monthly Gas Bill Credit Rates**

Applicable to <u>S.C. No.</u>				<u>\$/Ccf</u>	<u>Rate Year 1</u>	<u>\$/Ccf</u>	<u>Rate Year 2</u>	<u>\$/Ccf</u>	<u>Rate Year 3</u>
					<u>July 1, 2021</u>		<u>July 1, 2022</u>		<u>July 1, 2023</u>
1, 12 & 16	\$/Ccf	\$	(0.00827)	\$	(0.03362)	\$	(0.05759)		
2, 6, 13 & 15	\$/Ccf	\$	(0.00389)	\$	(0.01391)	\$	(0.02363)		
SC 11 Transmission	\$/Ccf	\$	(0.00072)	\$	(0.00318)	\$	(0.00557)		
SC 11 Distribution	\$/Ccf	\$	(0.00100)	\$	(0.00442)	\$	(0.00765)		
SC 11 - DLM	\$/Ccf	\$	(0.00090)	\$	(0.00399)	\$	(0.00689)		

Gas bill credit rates reflect rate moderation as described in Section IV.D

Appendix N Sheet 1 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 1

ECAM Rates as of July 13, 2021

Avg kWh	<u>Current</u> <u>Rates</u> 640	<u>Proposed</u> <u>Rates</u> 640	<u>Current</u> <u>Rates</u> 550	<u>Proposed</u> <u>Rates</u> 550	
					LOW INCOME
<u>CHG&E Rates</u>					
Basic Service Charge	\$ 19.50	\$ 19.50	\$ 19.50	\$ 19.50	
Energy Delivery \$/kWh					
Delivery Chrg	\$0.09283	\$0.09262	\$0.09283	\$0.09262	
System Benefits Chrg	\$0.00651	\$0.00651	\$0.00651	\$0.00651	
MFC Admin Chrg	\$0.00186	\$0.00144	\$0.00186	\$0.00144	
Transition Adj Chrg	\$0.00029	\$0.00000	\$0.00029	\$0.00000	
Electric Bill Credit	\$0.00000	\$0.00062	\$0.00000	\$0.00062	
Purchased Power Adjustment	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Miscellaneous Charges	\$0.00087	\$0.00087	\$0.00087	\$0.00087	
MFC Supply Chrg	\$0.00351	\$0.00331	\$0.00351	\$0.00331	
MPC	\$0.06653	\$0.06653	\$0.06653	\$0.06653	
MPA	(\$0.00300)	(\$0.00300)	(\$0.00300)	(\$0.00300)	
Rev Tax Factor:					
Weighted Rev Tax- Commodity	0.314%	0.314%	0.314%	0.314%	
Weighted Rev Tax- Delivery	2.314%	2.314%	2.314%	2.314%	
<u>CHG&E Bill</u>					
Basic Service Charge	\$19.96	\$19.96	\$19.96	\$19.96	
Energy Delivery					
Delivery	\$60.82	\$60.68	\$52.27	\$52.15	
MFC Admin Chrg	\$1.22	\$0.94	\$1.05	\$0.81	
Transition Adj Chrg	\$0.19	\$0.00	\$0.16	\$0.00	
EBC	\$0.00	\$0.41	\$0.00	\$0.35	
SBC	\$4.27	\$4.27	\$3.67	\$3.67	
Delivery Subtotal w/ Revenue Tax	\$86.46	\$86.26	\$77.11	\$76.94	
Energy Supply					
PPA	\$0.00	\$0.00	\$0.00	\$0.00	
MISC	\$0.56	\$0.56	\$0.48	\$0.48	
MPC	\$42.71	\$42.71	\$36.71	\$36.71	
MPA	(\$1.93)	(\$1.93)	(\$1.66)	(\$1.66)	
MFC Supply Chrg	\$2.30	\$2.17	\$1.98	\$1.86	
Energy Subtotal w/ Revenue Tax	\$43.64	\$43.51	\$37.51	\$37.39	
Low Income Bill Discount	\$0.00	\$0.00	(\$19.00)	(\$39.46)	(Tier 1 Discount)
Total Bill	<u>\$130.10</u>	<u>\$129.77</u>	<u>\$95.62</u>	<u>\$74.87</u>	

\$ Total Bill Increase w/ Rate Moderation	(\$0.33)	(\$20.75)
% Total Bill Increase w/ Rate Moderation	-0.25%	-21.70%
\$ Total Bill Increase w/out Rate Moderation	(\$0.74)	(\$21.10)
% Total Bill Increase w/out Rate Moderation	-0.57%	-22.07%

Appendix N Sheet 2 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 1

Delivery Only					
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current		
			Amount	%	
3	\$ 20.26	\$ 20.26	\$ (0.00)	0.0%	
10	\$ 20.97	\$ 20.96	\$ (0.01)	0.0%	
20	\$ 21.98	\$ 21.97	\$ (0.01)	0.0%	
30	\$ 22.98	\$ 22.97	\$ (0.02)	-0.1%	
40	\$ 23.99	\$ 23.97	\$ (0.02)	-0.1%	
50	\$ 25.00	\$ 24.98	\$ (0.03)	-0.1%	
80	\$ 28.03	\$ 27.98	\$ (0.04)	-0.1%	
90	\$ 29.03	\$ 28.99	\$ (0.05)	-0.2%	
100	\$ 30.04	\$ 29.99	\$ (0.05)	-0.2%	
125	\$ 32.56	\$ 32.50	\$ (0.06)	-0.2%	
150	\$ 35.08	\$ 35.01	\$ (0.08)	-0.2%	
175	\$ 37.60	\$ 37.51	\$ (0.09)	-0.2%	
200	\$ 40.12	\$ 40.02	\$ (0.10)	-0.3%	
250	\$ 45.16	\$ 45.04	\$ (0.13)	-0.3%	
300	\$ 50.21	\$ 50.05	\$ (0.15)	-0.3%	
350	\$ 55.25	\$ 55.07	\$ (0.18)	-0.3%	
400	\$ 60.29	\$ 60.08	\$ (0.20)	-0.3%	
500	\$ 70.37	\$ 70.11	\$ (0.26)	-0.4%	
750	\$ 95.57	\$ 95.19	\$ (0.38)	-0.4%	
1,000	\$ 120.78	\$ 120.26	\$ (0.51)	-0.4%	
1,500	\$ 171.18	\$ 170.42	\$ (0.77)	-0.4%	
2,000	\$ 221.59	\$ 220.57	\$ (1.02)	-0.5%	
3,000	\$ 322.41	\$ 320.87	\$ (1.54)	-0.5%	
5,000	\$ 524.04	\$ 521.48	\$ (2.56)	-0.5%	
10,000	\$ 1,028.12	\$ 1,023.00	\$ (5.12)	-0.5%	

Total Bill					
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current		
			Amount	%	
3	\$ 20.48	\$ 20.48	\$ (0.00)	0.0%	
10	\$ 21.68	\$ 21.68	\$ (0.01)	0.0%	
20	\$ 23.40	\$ 23.39	\$ (0.01)	0.0%	
30	\$ 25.12	\$ 25.11	\$ (0.02)	-0.1%	
40	\$ 26.84	\$ 26.82	\$ (0.02)	-0.1%	
50	\$ 28.56	\$ 28.54	\$ (0.03)	-0.1%	
80	\$ 33.73	\$ 33.69	\$ (0.04)	-0.1%	
90	\$ 35.45	\$ 35.40	\$ (0.05)	-0.1%	
100	\$ 37.17	\$ 37.12	\$ (0.05)	-0.1%	
125	\$ 41.47	\$ 41.41	\$ (0.06)	-0.2%	
150	\$ 45.77	\$ 45.70	\$ (0.08)	-0.2%	
175	\$ 50.07	\$ 49.98	\$ (0.09)	-0.2%	
200	\$ 54.38	\$ 54.27	\$ (0.10)	-0.2%	
250	\$ 62.98	\$ 62.85	\$ (0.13)	-0.2%	
300	\$ 71.58	\$ 71.43	\$ (0.15)	-0.2%	
350	\$ 80.19	\$ 80.01	\$ (0.18)	-0.2%	
400	\$ 88.79	\$ 88.59	\$ (0.20)	-0.2%	
500	\$ 106.00	\$ 105.74	\$ (0.26)	-0.2%	
750	\$ 149.02	\$ 148.64	\$ (0.38)	-0.3%	
1,000	\$ 192.04	\$ 191.53	\$ (0.51)	-0.3%	
1,500	\$ 278.08	\$ 277.31	\$ (0.77)	-0.3%	
2,000	\$ 364.12	\$ 363.09	\$ (1.02)	-0.3%	
3,000	\$ 536.19	\$ 534.66	\$ (1.54)	-0.3%	
5,000	\$ 880.35	\$ 877.79	\$ (2.56)	-0.3%	
10,000	\$ 1,740.74	\$ 1,735.62	\$ (5.12)	-0.3%	

Number of Customers			
Number of Customers		Number of Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
5,613	8,416	35	42
1,507	1,560	19	9
1,715	1,795	20	16
1,616	1,574	24	18
1,637	1,401	25	12
1,621	1,474	32	22
5,478	4,753	140	109
1,976	1,595	54	39
2,090	1,594	69	38
5,562	4,234	221	129
5,866	4,333	232	179
6,142	4,428	293	162
6,141	4,684	313	234
12,316	9,648	579	478
12,289	10,120	541	559
12,084	10,157	529	580
12,160	10,338	465	537
23,656	19,806	891	1,004
48,916	45,413	1,703	1,997
32,061	36,162	1,170	1,351
32,606	44,184	1,338	1,344
14,200	19,493	680	565
11,318	12,068	621	313
5,229	3,498	303	68
689	638	89	6

Appendix N Sheet 3 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 2

ECAM Rates as of July 13, 2021

Avg kWh	<u>Current</u> <u>Rates</u> 640	<u>Proposed</u> <u>Rates</u> 640	<u>Current</u> <u>Rates</u> 550	<u>Proposed</u> <u>Rates</u> 550	
					LOW INCOME
<u>CHG&E Rates</u>					
Basic Service Charge	\$ 19.50	\$ 19.50	\$ 19.50	\$ 19.50	
Energy Delivery \$/kWh					
Delivery Chrg	\$0.09262	\$0.09889	\$0.09262	\$0.09889	
System Benefits Chrg	\$0.00651	\$0.00651	\$0.00651	\$0.00651	
MFC Admin Chrg	\$0.00144	\$0.00143	\$0.00144	\$0.00143	
Transition Adj Chrg	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Electric Bill Credit	\$0.00062	(\$0.00301)	\$0.00062	(\$0.00301)	
Purchased Power Adjustment	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Miscellaneous Charges	\$0.00087	\$0.00087	\$0.00087	\$0.00087	
MFC Supply Chrg	\$0.00331	\$0.00329	\$0.00331	\$0.00329	
MPC	\$0.06653	\$0.06653	\$0.06653	\$0.06653	
MPA	(\$0.00300)	(\$0.00300)	(\$0.00300)	(\$0.00300)	
Rev Tax Factor:					
Weighted Rev Tax- Commodity	0.314%	0.314%	0.314%	0.314%	
Weighted Rev Tax- Delivery	2.314%	2.314%	2.314%	2.314%	
<u>CHG&E Bill</u>					
Basic Service Charge	\$19.96	\$19.96	\$19.96	\$19.96	
Energy Delivery					
Delivery	\$60.68	\$64.79	\$52.15	\$55.68	
MFC Admin Chrg	\$0.94	\$0.94	\$0.81	\$0.81	
Transition Adj Chrg	\$0.00	\$0.00	\$0.00	\$0.00	
EBC	\$0.41	(\$1.97)	\$0.35	(\$1.69)	
SBC	\$4.27	\$4.27	\$3.67	\$3.67	
Delivery Subtotal w/ Revenue Tax	\$86.26	\$87.99	\$76.94	\$78.43	
Energy Supply					
PPA	\$0.00	\$0.00	\$0.00	\$0.00	
MISC	\$0.56	\$0.56	\$0.48	\$0.48	
MPC	\$42.71	\$42.71	\$36.71	\$36.71	
MPA	(\$1.93)	(\$1.93)	(\$1.66)	(\$1.66)	
MFC Supply Chrg	\$2.17	\$2.16	\$1.86	\$1.85	
Energy Subtotal w/ Revenue Tax	\$43.51	\$43.50	\$37.39	\$37.38	
Low Income Bill Discount	\$0.00	\$0.00	(\$39.46)	(\$39.46)	(Tier 1 Discount)
Total Bill	<u>\$129.77</u>	<u>\$131.49</u>	<u>\$74.87</u>	<u>\$76.35</u>	

\$ Total Bill Increase w/ Rate Moderation	\$1.72	\$1.48
% Total Bill Increase w/ Rate Moderation	1.33%	1.98%
\$ Total Bill Increase w/out Rate Moderation	\$3.69	\$3.17
% Total Bill Increase w/out Rate Moderation	2.84%	4.23%

Appendix N Sheet 4 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 2

Delivery Only				
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current Amount %	
3	\$ 20.26	\$ 20.27	\$ 0.01	0.0%
10	\$ 20.96	\$ 20.99	\$ 0.03	0.1%
20	\$ 21.97	\$ 22.02	\$ 0.05	0.2%
30	\$ 22.97	\$ 23.05	\$ 0.08	0.3%
40	\$ 23.97	\$ 24.08	\$ 0.11	0.4%
50	\$ 24.98	\$ 25.11	\$ 0.13	0.5%
80	\$ 27.98	\$ 28.20	\$ 0.21	0.8%
90	\$ 28.99	\$ 29.23	\$ 0.24	0.8%
100	\$ 29.99	\$ 30.26	\$ 0.27	0.9%
125	\$ 32.50	\$ 32.83	\$ 0.33	1.0%
150	\$ 35.01	\$ 35.41	\$ 0.40	1.1%
175	\$ 37.51	\$ 37.98	\$ 0.47	1.2%
200	\$ 40.02	\$ 40.56	\$ 0.53	1.3%
250	\$ 45.04	\$ 45.70	\$ 0.67	1.5%
300	\$ 50.05	\$ 50.85	\$ 0.80	1.6%
350	\$ 55.07	\$ 56.00	\$ 0.94	1.7%
400	\$ 60.08	\$ 61.15	\$ 1.07	1.8%
500	\$ 70.11	\$ 71.45	\$ 1.34	1.9%
750	\$ 95.19	\$ 97.19	\$ 2.00	2.1%
1,000	\$ 120.26	\$ 122.94	\$ 2.67	2.2%
1,500	\$ 170.42	\$ 174.42	\$ 4.01	2.4%
2,000	\$ 220.57	\$ 225.91	\$ 5.34	2.4%
3,000	\$ 320.87	\$ 328.89	\$ 8.01	2.5%
5,000	\$ 521.48	\$ 534.84	\$ 13.36	2.6%
10,000	\$ 1,023.00	\$ 1,049.72	\$ 26.72	2.6%

Total Bill				
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current Amount %	
3	\$ 20.48	\$ 20.48	\$ 0.01	0.0%
10	\$ 21.68	\$ 21.70	\$ 0.03	0.1%
20	\$ 23.39	\$ 23.45	\$ 0.05	0.2%
30	\$ 25.11	\$ 25.19	\$ 0.08	0.3%
40	\$ 26.82	\$ 26.93	\$ 0.11	0.4%
50	\$ 28.54	\$ 28.67	\$ 0.13	0.5%
80	\$ 33.69	\$ 33.90	\$ 0.21	0.6%
90	\$ 35.40	\$ 35.64	\$ 0.24	0.7%
100	\$ 37.12	\$ 37.38	\$ 0.27	0.7%
125	\$ 41.41	\$ 41.74	\$ 0.33	0.8%
150	\$ 45.70	\$ 46.10	\$ 0.40	0.9%
175	\$ 49.98	\$ 50.45	\$ 0.47	0.9%
200	\$ 54.27	\$ 54.81	\$ 0.53	1.0%
250	\$ 62.85	\$ 63.52	\$ 0.67	1.1%
300	\$ 71.43	\$ 72.23	\$ 0.80	1.1%
350	\$ 80.01	\$ 80.94	\$ 0.94	1.2%
400	\$ 88.59	\$ 89.66	\$ 1.07	1.2%
500	\$ 105.74	\$ 107.08	\$ 1.34	1.3%
750	\$ 148.64	\$ 150.64	\$ 2.00	1.3%
1,000	\$ 191.53	\$ 194.20	\$ 2.67	1.4%
1,500	\$ 277.31	\$ 281.32	\$ 4.01	1.4%
2,000	\$ 363.09	\$ 368.44	\$ 5.34	1.5%
3,000	\$ 534.66	\$ 542.67	\$ 8.01	1.5%
5,000	\$ 877.79	\$ 891.15	\$ 13.36	1.5%
10,000	\$ 1,735.62	\$ 1,762.34	\$ 26.72	1.5%

Number of Customers			
Number of Customers		Number of Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
5,613	8,416	35	42
1,507	1,560	19	9
1,715	1,795	20	16
1,616	1,574	24	18
1,637	1,401	25	12
1,621	1,474	32	22
5,478	4,753	140	109
1,976	1,595	54	39
2,090	1,594	69	38
5,562	4,234	221	129
5,866	4,333	232	179
6,142	4,428	293	162
6,141	4,684	313	234
12,316	9,648	579	478
12,289	10,120	541	559
12,084	10,157	529	580
12,160	10,338	465	537
23,656	19,806	891	1,004
48,916	45,413	1,703	1,997
32,061	36,162	1,170	1,351
32,606	44,184	1,338	1,344
14,200	19,493	680	565
11,318	12,068	621	313
5,229	3,498	303	68
689	638	89	6

Appendix N Sheet 5 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 3

ECAM Rates as of July 13, 2021

Avg kWh	<u>Current</u> <u>Rates</u> 640	<u>Proposed</u> <u>Rates</u> 640	<u>Current</u> <u>Rates</u> 550	<u>Proposed</u> <u>Rates</u> 550	
					LOW INCOME
<u>CHG&E Rates</u>					
Basic Service Charge	\$ 19.50	\$ 19.50	\$ 19.50	\$ 19.50	
Energy Delivery \$/kWh					
Delivery Chrg	\$0.09889	\$0.10546	\$0.09889	\$0.10546	
System Benefits Chrg	\$0.00651	\$0.00651	\$0.00651	\$0.00651	
MFC Admin Chrg	\$0.00143	\$0.00142	\$0.00143	\$0.00142	
Transition Adj Chrg	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Electric Bill Credit	(\$0.00301)	(\$0.00675)	(\$0.00301)	(\$0.00675)	
Purchased Power Adjustment	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
Miscellaneous Charges	\$0.00087	\$0.00087	\$0.00087	\$0.00087	
MFC Supply Chrg	\$0.00329	\$0.00326	\$0.00329	\$0.00326	
MPC	\$0.06653	\$0.06653	\$0.06653	\$0.06653	
MPA	(\$0.00300)	(\$0.00300)	(\$0.00300)	(\$0.00300)	
Rev Tax Factor:					
Weighted Rev Tax- Commodity	0.314%	0.314%	0.314%	0.314%	
Weighted Rev Tax- Delivery	2.314%	2.314%	2.314%	2.314%	
<u>CHG&E Bill</u>					
Basic Service Charge	\$19.96	\$19.96	\$19.96	\$19.96	
Energy Delivery					
Delivery	\$64.79	\$69.09	\$55.68	\$59.38	
MFC Admin Chrg	\$0.94	\$0.93	\$0.81	\$0.80	
Transition Adj Chrg	\$0.00	\$0.00	\$0.00	\$0.00	
EBC	(\$1.97)	(\$4.42)	(\$1.69)	(\$3.80)	
SBC	\$4.27	\$3.67	\$3.67	\$3.67	
Delivery Subtotal w/ Revenue Tax	\$87.99	\$89.83	\$78.43	\$80.01	
Energy Supply					
PPA	\$0.00	\$0.00	\$0.00	\$0.00	
MISC	\$0.56	\$0.56	\$0.48	\$0.48	
MPC	\$42.71	\$42.71	\$36.71	\$36.71	
MPA	(\$1.93)	(\$1.93)	(\$1.66)	(\$1.66)	
MFC Supply Chrg	\$2.16	\$2.14	\$1.85	\$1.84	
Energy Subtotal w/ Revenue Tax	\$43.50	\$43.48	\$37.38	\$37.37	
Low Income Bill Discount	\$0.00	\$0.00	(\$39.46)	(\$39.46)	(Tier 1 Discount)
Total Bill	<u>\$131.49</u>	<u>\$133.31</u>	<u>\$76.35</u>	<u>\$77.92</u>	

\$ Total Bill Increase w/ Rate Moderation	\$1.82	\$1.57
% Total Bill Increase w/ Rate Moderation	1.38%	2.06%
\$ Total Bill Increase w/out Rate Moderation	\$6.24	\$5.37
% Total Bill Increase w/out Rate Moderation	4.75%	7.03%

Appendix N Sheet 6 of 23
Central Hudson Gas & Electric Corporation
Electric Residential Typical Monthly Bill
Rate Year 3

Delivery Only				
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current	
			Amount	%
3	\$ 20.27	\$ 20.28	\$ 0.01	0.0%
10	\$ 20.99	\$ 21.02	\$ 0.03	0.1%
20	\$ 22.02	\$ 22.08	\$ 0.06	0.3%
30	\$ 23.05	\$ 23.14	\$ 0.09	0.4%
40	\$ 24.08	\$ 24.19	\$ 0.11	0.5%
50	\$ 25.11	\$ 25.25	\$ 0.14	0.6%
80	\$ 28.20	\$ 28.43	\$ 0.23	0.8%
90	\$ 29.23	\$ 29.49	\$ 0.26	0.9%
100	\$ 30.26	\$ 30.54	\$ 0.29	0.9%
125	\$ 32.83	\$ 33.19	\$ 0.36	1.1%
150	\$ 35.41	\$ 35.84	\$ 0.43	1.2%
175	\$ 37.98	\$ 38.48	\$ 0.50	1.3%
200	\$ 40.56	\$ 41.13	\$ 0.57	1.4%
250	\$ 45.70	\$ 46.42	\$ 0.71	1.6%
300	\$ 50.85	\$ 51.71	\$ 0.86	1.7%
350	\$ 56.00	\$ 57.00	\$ 1.00	1.8%
400	\$ 61.15	\$ 62.29	\$ 1.14	1.9%
500	\$ 71.45	\$ 72.88	\$ 1.43	2.0%
750	\$ 97.19	\$ 99.33	\$ 2.14	2.2%
1,000	\$ 122.94	\$ 125.79	\$ 2.86	2.3%
1,500	\$ 174.42	\$ 178.71	\$ 4.28	2.5%
2,000	\$ 225.91	\$ 231.62	\$ 5.71	2.5%
3,000	\$ 328.89	\$ 337.46	\$ 8.57	2.6%
5,000	\$ 534.84	\$ 549.12	\$ 14.28	2.7%
10,000	\$ 1,049.72	\$ 1,078.28	\$ 28.56	2.7%

Total Bill				
Monthly kWh	Bill at Current Rates	Bill at Proposed Rates	Over Current	
			Amount	%
3	\$ 20.48	\$ 20.49	\$ 0.01	0.0%
10	\$ 21.70	\$ 21.73	\$ 0.03	0.1%
20	\$ 23.45	\$ 23.50	\$ 0.06	0.2%
30	\$ 25.19	\$ 25.27	\$ 0.09	0.3%
40	\$ 26.93	\$ 27.04	\$ 0.11	0.4%
50	\$ 28.67	\$ 28.82	\$ 0.14	0.5%
80	\$ 33.90	\$ 34.13	\$ 0.23	0.7%
90	\$ 35.64	\$ 35.90	\$ 0.26	0.7%
100	\$ 37.38	\$ 37.67	\$ 0.29	0.8%
125	\$ 41.74	\$ 42.10	\$ 0.36	0.9%
150	\$ 46.10	\$ 46.52	\$ 0.43	0.9%
175	\$ 50.45	\$ 50.95	\$ 0.50	1.0%
200	\$ 54.81	\$ 55.38	\$ 0.57	1.0%
250	\$ 63.52	\$ 64.23	\$ 0.71	1.1%
300	\$ 72.23	\$ 73.09	\$ 0.86	1.2%
350	\$ 80.94	\$ 81.94	\$ 1.00	1.2%
400	\$ 89.66	\$ 90.80	\$ 1.14	1.3%
500	\$ 107.08	\$ 108.51	\$ 1.43	1.3%
750	\$ 150.64	\$ 152.78	\$ 2.14	1.4%
1,000	\$ 194.20	\$ 197.05	\$ 2.86	1.5%
1,500	\$ 281.32	\$ 285.60	\$ 4.28	1.5%
2,000	\$ 368.44	\$ 374.15	\$ 5.71	1.6%
3,000	\$ 542.67	\$ 551.24	\$ 8.57	1.6%
5,000	\$ 891.15	\$ 905.43	\$ 14.28	1.6%
10,000	\$ 1,762.34	\$ 1,790.90	\$ 28.56	1.6%

Number of Customers			
Number of Customers		Number of Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
5,613	8,416	35	42
1,507	1,560	19	9
1,715	1,795	20	16
1,616	1,574	24	18
1,637	1,401	25	12
1,621	1,474	32	22
5,478	4,753	140	109
1,976	1,595	54	39
2,090	1,594	69	38
5,562	4,234	221	129
5,866	4,333	232	179
6,142	4,428	293	162
6,141	4,684	313	234
12,316	9,648	579	478
12,289	10,120	541	559
12,084	10,157	529	580
12,160	10,338	465	537
23,656	19,806	891	1,004
48,916	45,413	1,703	1,997
32,061	36,162	1,170	1,351
32,606	44,184	1,338	1,344
14,200	19,493	680	565
11,318	12,068	621	313
5,229	3,498	303	68
689	638	89	6

Appendix N Sheet 7 of 23

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Non Demand

Rate Year 1

	20% Below Average	15% Below Average	10% Below Average	5% Below Average	Average	5% Above Average	10% Above Average	15% Above Average	20% Above Average
kWh	360	380	410	430	450	470	500	520	540
Present Bill	\$ 84.44	\$ 87.39	\$ 91.83	\$ 94.78	\$ 97.74	\$ 100.70	\$ 105.13	\$ 108.09	\$ 111.04
Without Rate Moderation									
Proposed Bill	\$ 83.72	\$ 86.63	\$ 91.01	\$ 93.93	\$ 96.84	\$ 99.76	\$ 104.13	\$ 107.05	\$ 109.97
\$ Delivery Rate Increase	\$ (0.72)	\$ (0.76)	\$ (0.82)	\$ (0.86)	\$ (0.90)	\$ (0.94)	\$ (1.00)	\$ (1.04)	\$ (1.08)
% Increase	-0.85%	-0.87%	-0.89%	-0.91%	-0.92%	-0.93%	-0.95%	-0.96%	-0.97%
With Rate Moderation									
EBC Reduction	\$ 0.18	\$ 0.19	\$ 0.21	\$ 0.22	\$ 0.23	\$ 0.24	\$ 0.25	\$ 0.26	\$ 0.27
Proposed Bill	\$ 83.90	\$ 86.82	\$ 91.21	\$ 94.14	\$ 97.07	\$ 99.99	\$ 104.38	\$ 107.31	\$ 110.24
\$ Delivery Rate Increase	\$ (0.54)	\$ (0.57)	\$ (0.61)	\$ (0.64)	\$ (0.67)	\$ (0.70)	\$ (0.75)	\$ (0.78)	\$ (0.81)
% Increase	-0.64%	-0.65%	-0.67%	-0.68%	-0.69%	-0.70%	-0.72%	-0.72%	-0.73%

Rate Year 2

	20% Below Average	15% Below Average	10% Below Average	5% Below Average	Average	5% Above Average	10% Above Average	15% Above Average	20% Above Average
kWh	360	380	410	430	450	470	500	520	540
Present Bill	\$ 83.90	\$ 86.82	\$ 91.21	\$ 94.14	\$ 97.07	\$ 99.99	\$ 104.38	\$ 107.31	\$ 110.24
Without Rate Moderation									
Proposed Bill	\$ 86.14	\$ 89.19	\$ 93.77	\$ 96.82	\$ 99.87	\$ 102.92	\$ 107.50	\$ 110.55	\$ 113.60
\$ Delivery Rate Increase	\$ 2.24	\$ 2.37	\$ 2.56	\$ 2.68	\$ 2.81	\$ 2.93	\$ 3.12	\$ 3.24	\$ 3.37
% Increase	2.61%	2.66%	2.73%	2.77%	2.81%	2.85%	2.90%	2.93%	2.96%
With Rate Moderation									
EBC Reduction	\$ (1.16)	\$ (1.22)	\$ (1.32)	\$ (1.38)	\$ (1.45)	\$ (1.51)	\$ (1.61)	\$ (1.67)	\$ (1.74)
Proposed Bill	\$ 84.99	\$ 87.97	\$ 92.45	\$ 95.44	\$ 98.43	\$ 101.41	\$ 105.89	\$ 108.88	\$ 111.87
\$ Delivery Rate Increase	\$ 1.09	\$ 1.15	\$ 1.24	\$ 1.30	\$ 1.36	\$ 1.42	\$ 1.51	\$ 1.57	\$ 1.63
% Increase	1.28%	1.30%	1.34%	1.36%	1.38%	1.40%	1.43%	1.44%	1.46%

Rate Year 3

	20% Below Average	15% Below Average	10% Below Average	5% Below Average	Average	5% Above Average	10% Above Average	15% Above Average	20% Above Average
kWh	360	380	410	430	450	470	500	520	540
Present Bill	\$ 84.99	\$ 87.97	\$ 92.45	\$ 95.44	\$ 98.43	\$ 101.41	\$ 105.89	\$ 108.88	\$ 111.87
Without Rate Moderation									
Proposed Bill	\$ 88.64	\$ 91.83	\$ 96.62	\$ 99.81	\$ 103.00	\$ 106.19	\$ 110.98	\$ 114.17	\$ 117.36
\$ Delivery Rate Increase	\$ 3.66	\$ 3.86	\$ 4.17	\$ 4.37	\$ 4.57	\$ 4.78	\$ 5.08	\$ 5.29	\$ 5.49
% Increase	4.13%	4.21%	4.31%	4.38%	4.44%	4.50%	4.58%	4.63%	4.68%
With Rate Moderation									
EBC Reduction	\$ (2.57)	\$ (2.71)	\$ (2.93)	\$ (3.07)	\$ (3.21)	\$ (3.35)	\$ (3.57)	\$ (3.71)	\$ (3.85)
Proposed Bill	\$ 86.08	\$ 89.12	\$ 93.69	\$ 96.74	\$ 99.79	\$ 102.84	\$ 107.41	\$ 110.46	\$ 113.50
\$ Delivery Rate Increase	\$ 1.09	\$ 1.15	\$ 1.24	\$ 1.30	\$ 1.36	\$ 1.42	\$ 1.51	\$ 1.58	\$ 1.64
% Increase	1.27%	1.29%	1.33%	1.35%	1.37%	1.38%	1.41%	1.43%	1.44%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Secondary Demand

Rate Year 1

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
\$										
Present Bill	\$ 205.25	\$ 224.76	\$ 244.26	\$ 322.29	\$ 361.30					
Without Rate Moderation										
Proposed Bill - RY1	\$ 206.85	\$ 226.29	\$ 245.73	\$ 323.47	\$ 362.35					
\$ Delivery Rate Increase	\$ 1.60	\$ 1.53	\$ 1.46	\$ 1.19	\$ 1.05					
% Increase	0.78%	0.68%	0.60%	0.37%	0.29%					
With Rate Moderation										
EBC Reduction	\$ 0.17	\$ 0.25	\$ 0.34	\$ 0.68	\$ 0.84					
Proposed Bill	\$ 207.02	\$ 226.54	\$ 246.07	\$ 324.15	\$ 363.19					
Delivery Rate Increase	\$ 1.77	\$ 1.79	\$ 1.80	\$ 1.86	\$ 1.89					
Total % Increase	0.86%	0.79%	0.74%	0.58%	0.52%					

10										
Present Bill	\$ 272.20	\$ 291.71	\$ 311.22	\$ 389.24	\$ 428.25					
Without Rate Moderation										
Proposed Bill - RY1	\$ 272.48	\$ 291.91	\$ 311.35	\$ 389.10	\$ 427.97					
\$ Delivery Rate Increase	\$ 0.27	\$ 0.20	\$ 0.13	\$ (0.14)	\$ (0.28)					
% Increase	0.10%	0.07%	0.04%	-0.04%	-0.07%					
With Rate Moderation										
EBC Reduction	\$ 0.17	\$ 0.25	\$ 0.34	\$ 0.68	\$ 0.84					
Proposed Bill	\$ 272.64	\$ 292.17	\$ 311.69	\$ 389.77	\$ 428.81					
Delivery Rate Increase	\$ 0.44	\$ 0.46	\$ 0.47	\$ 0.53	\$ 0.56					
% Increase	0.16%	0.16%	0.15%	0.14%	0.13%					

15										
Present Bill			\$ 378.17	\$ 456.19	\$ 495.20	\$ 690.26	\$ 885.32			
Without Rate Moderation										
Proposed Bill - RY1			\$ 376.97	\$ 454.72	\$ 493.59	\$ 687.96	\$ 882.32			
\$ Delivery Rate Increase			\$ (1.20)	\$ (1.47)	\$ (1.61)	\$ (2.30)	\$ (2.99)			
% Increase			-0.32%	-0.32%	-0.33%	-0.33%	-0.34%			
With Rate Moderation										
EBC Reduction			\$ 0.34	\$ 0.68	\$ 0.84	\$ 1.69	\$ 2.53			
Proposed Bill			\$ 377.31	\$ 455.39	\$ 494.43	\$ 689.65	\$ 884.86			
Delivery Rate Increase			\$ (0.86)	\$ (0.80)	\$ (0.77)	\$ (0.61)	\$ (0.46)			
% Increase			-0.23%	-0.18%	-0.16%	-0.09%	-0.05%			

20										
Present Bill				\$ 523.14	\$ 562.15	\$ 757.21	\$ 952.27	\$ 1,147.33		
Without Rate Moderation										
Proposed Bill - RY1				\$ 520.34	\$ 559.21	\$ 753.58	\$ 947.94	\$ 1,142.31		
\$ Delivery Rate Increase				\$ (2.80)	\$ (2.94)	\$ (3.63)	\$ (4.32)	\$ (5.02)		
% Increase				-0.54%	-0.52%	-0.48%	-0.45%	-0.44%		
With Rate Moderation										
EBC Reduction				\$ 0.68	\$ 0.84	\$ 1.69	\$ 2.53	\$ 3.38		
Proposed Bill				\$ 521.01	\$ 560.06	\$ 755.27	\$ 950.48	\$ 1,145.69		
Delivery Rate Increase				\$ (2.13)	\$ (2.10)	\$ (1.94)	\$ (1.79)	\$ (1.64)		
% Increase				-0.41%	-0.37%	-0.26%	-0.19%	-0.14%		

30										
Present Bill					\$ 696.06	\$ 891.11	\$ 1,086.17	\$ 1,281.23	\$ 1,671.34	
Without Rate Moderation										
Proposed Bill - RY1					\$ 690.45	\$ 884.82	\$ 1,079.19	\$ 1,273.55	\$ 1,662.28	
\$ Delivery Rate Increase					\$ (5.60)	\$ (6.30)	\$ (6.99)	\$ (7.68)	\$ (9.06)	
% Increase					-0.81%	-0.71%	-0.64%	-0.60%	-0.54%	
With Rate Moderation										
EBC Reduction					\$ 0.84	\$ 1.69	\$ 2.53	\$ 3.38	\$ 5.07	
Proposed Bill					\$ 691.30	\$ 886.51	\$ 1,081.72	\$ 1,276.93	\$ 1,667.35	
Delivery Rate Increase					\$ (4.76)	\$ (4.61)	\$ (4.45)	\$ (4.30)	\$ (3.99)	
% Increase					-0.68%	-0.52%	-0.41%	-0.34%	-0.24%	

50										
Present Bill						\$ 1,158.92	\$ 1,353.98	\$ 1,549.04	\$ 1,939.15	\$ 2,329.26
Without Rate Moderation										
Proposed Bill - RY1						\$ 1,147.30	\$ 1,341.67	\$ 1,536.04	\$ 1,924.77	\$ 2,313.50
\$ Delivery Rate Increase						\$ (11.62)	\$ (12.31)	\$ (13.00)	\$ (14.38)	\$ (15.76)
% Increase						-1.00%	-0.91%	-0.84%	-0.74%	-0.68%
With Rate Moderation										
EBC Reduction						\$ 1.69	\$ 2.53	\$ 3.38	\$ 5.07	\$ 6.76
Proposed Bill						\$ 1,148.99	\$ 1,344.20	\$ 1,539.41	\$ 1,929.84	\$ 2,320.26
Delivery Rate Increase						\$ (9.93)	\$ (9.78)	\$ (9.62)	\$ (9.31)	\$ (9.01)
% Increase						-0.86%	-0.72%	-0.62%	-0.48%	-0.39%

100										
Present Bill						\$ 1,828.44	\$ 2,023.49	\$ 2,218.55	\$ 2,608.67	\$ 2,998.78
Without Rate Moderation										
Proposed Bill - RY1						\$ 1,803.51	\$ 1,997.88	\$ 2,192.24	\$ 2,580.98	\$ 2,969.71
\$ Delivery Rate Increase						\$ (24.92)	\$ (25.62)	\$ (26.31)	\$ (27.69)	\$ (29.07)
% Increase						-1.36%	-1.27%	-1.19%	-1.06%	-0.97%
With Rate Moderation										
EBC Reduction						\$ 1.69	\$ 2.53	\$ 3.38	\$ 5.07	\$ 6.76
Proposed Bill						\$ 1,805.20	\$ 2,000.41	\$ 2,195.62	\$ 2,586.04	\$ 2,976.47
Delivery Rate Increase						\$ (23.24)	\$ (23.08)	\$ (22.93)	\$ (22.62)	\$ (22.31)
% Increase						-1.27%	-1.14%	-1.03%	-0.87%	-0.74%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Secondary Demand

Rate Year 2

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
5										
Present Bill - RY1	\$ 207.02	\$ 226.54	\$ 246.07	\$ 324.15	\$ 363.19					
Without Rate Moderation										
Proposed Bill - RY2	\$ 219.09	\$ 238.57	\$ 258.06	\$ 336.01	\$ 374.99					
\$ Delivery Rate Increase	\$ 12.06	\$ 12.03	\$ 12.00	\$ 11.86	\$ 11.80					
% Increase	5.83%	5.31%	4.88%	3.66%	3.25%					
With Rate Moderation										
EBC Reduction	\$ (0.64)	\$ (0.97)	\$ (1.29)	\$ (2.58)	\$ (3.22)					
Proposed Bill	\$ 218.44	\$ 237.61	\$ 256.77	\$ 333.43	\$ 371.76					
Delivery Rate Increase	\$ 11.42	\$ 11.06	\$ 10.71	\$ 9.28	\$ 8.57					
Total % Increase	5.52%	4.88%	4.35%	2.86%	2.36%					
10										
Present Bill - RY1	\$ 272.64	\$ 292.17	\$ 311.69	\$ 389.77	\$ 428.81					
Without Rate Moderation										
Proposed Bill - RY2	\$ 286.60	\$ 306.09	\$ 325.58	\$ 403.53	\$ 442.50					
\$ Delivery Rate Increase	\$ 13.96	\$ 13.92	\$ 13.89	\$ 13.76	\$ 13.69					
% Increase	5.12%	4.77%	4.46%	3.53%	3.19%					
With Rate Moderation										
EBC Reduction	\$ (0.64)	\$ (0.97)	\$ (1.29)	\$ (2.58)	\$ (3.22)					
Proposed Bill	\$ 285.96	\$ 305.12	\$ 324.29	\$ 400.95	\$ 439.28					
Delivery Rate Increase	\$ 13.31	\$ 12.96	\$ 12.60	\$ 11.18	\$ 10.47					
% Increase	4.88%	4.43%	4.04%	2.87%	2.44%					
15										
Present Bill - RY1			\$ 377.31	\$ 455.39	\$ 494.43	\$ 689.65	\$ 884.86			
Without Rate Moderation										
Proposed Bill - RY2			\$ 393.09	\$ 471.04	\$ 510.02	\$ 704.90	\$ 899.78			
\$ Delivery Rate Increase			\$ 15.78	\$ 15.65	\$ 15.58	\$ 15.25	\$ 14.92			
% Increase			4.18%	3.44%	3.15%	2.21%	1.69%			
With Rate Moderation										
EBC Reduction			\$ (1.29)	\$ (2.58)	\$ (3.22)	\$ (6.45)	\$ (9.67)			
Proposed Bill			\$ 391.80	\$ 468.46	\$ 506.79	\$ 698.45	\$ 890.10			
Delivery Rate Increase			\$ 14.49	\$ 13.07	\$ 12.36	\$ 8.80	\$ 5.25			
% Increase			3.84%	2.87%	2.50%	1.28%	0.59%			
20										
Present Bill - RY1				\$ 521.01	\$ 560.06	\$ 755.27	\$ 950.48	\$ 1,145.69		
Without Rate Moderation										
Proposed Bill - RY2				\$ 538.56	\$ 577.53	\$ 772.41	\$ 967.29	\$ 1,162.17		
\$ Delivery Rate Increase				\$ 17.54	\$ 17.48	\$ 17.15	\$ 16.81	\$ 16.48		
% Increase				3.37%	3.12%	2.27%	1.77%	1.44%		
With Rate Moderation										
EBC Reduction				\$ (2.58)	\$ (3.22)	\$ (6.45)	\$ (9.67)	\$ (12.90)		
Proposed Bill				\$ 535.98	\$ 574.31	\$ 765.96	\$ 957.62	\$ 1,149.27		
Delivery Rate Increase				\$ 14.97	\$ 14.25	\$ 10.70	\$ 7.14	\$ 3.58		
% Increase				2.87%	2.55%	1.42%	0.75%	0.31%		
30										
Present Bill - RY1					\$ 691.30	\$ 886.51	\$ 1,081.72	\$ 1,276.93	\$ 1,667.35	
Without Rate Moderation										
Proposed Bill - RY2					\$ 712.56	\$ 907.44	\$ 1,102.32	\$ 1,297.20	\$ 1,686.95	
\$ Delivery Rate Increase					\$ 21.27	\$ 20.93	\$ 20.60	\$ 20.27	\$ 19.60	
% Increase					3.08%	2.36%	1.90%	1.59%	1.18%	
With Rate Moderation										
EBC Reduction					\$ (3.22)	\$ (6.45)	\$ (9.67)	\$ (12.90)	\$ (19.35)	
Proposed Bill					\$ 709.34	\$ 900.99	\$ 1,092.65	\$ 1,284.30	\$ 1,667.61	
Delivery Rate Increase					\$ 18.04	\$ 14.48	\$ 10.93	\$ 7.37	\$ 0.26	
% Increase					2.61%	1.63%	1.01%	0.58%	0.02%	
50										
Present Bill - RY1						\$ 1,148.99	\$ 1,344.20	\$ 1,539.41	\$ 1,929.84	\$ 2,320.26
Without Rate Moderation										
Proposed Bill - RY2						\$ 1,177.50	\$ 1,372.38	\$ 1,567.26	\$ 1,957.01	\$ 2,346.77
\$ Delivery Rate Increase						\$ 28.51	\$ 28.17	\$ 27.84	\$ 27.18	\$ 26.51
% Increase						2.48%	2.10%	1.81%	1.41%	1.14%
With Rate Moderation										
EBC Reduction						\$ (6.45)	\$ (9.67)	\$ (12.90)	\$ (19.35)	\$ (25.79)
Proposed Bill						\$ 1,171.05	\$ 1,362.70	\$ 1,554.36	\$ 1,937.67	\$ 2,320.97
Delivery Rate Increase						\$ 22.06	\$ 18.50	\$ 14.94	\$ 7.83	\$ 0.72
% Increase						1.92%	1.38%	0.97%	0.41%	0.03%
100										
Present Bill - RY1						\$ 1,805.20	\$ 2,000.41	\$ 2,195.62	\$ 2,586.04	\$ 2,976.47
Without Rate Moderation										
Proposed Bill - RY2						\$ 1,852.65	\$ 2,047.52	\$ 2,242.40	\$ 2,632.16	\$ 3,021.91
\$ Delivery Rate Increase						\$ 47.44	\$ 47.11	\$ 46.78	\$ 46.11	\$ 45.45
% Increase						2.63%	2.36%	2.13%	1.78%	1.53%
With Rate Moderation										
EBC Reduction						\$ (6.45)	\$ (9.67)	\$ (12.90)	\$ (19.35)	\$ (25.79)
Proposed Bill						\$ 1,846.20	\$ 2,037.85	\$ 2,229.50	\$ 2,612.81	\$ 2,996.12
Delivery Rate Increase						\$ 41.00	\$ 37.44	\$ 33.88	\$ 26.77	\$ 19.65
% Increase						2.27%	1.87%	1.54%	1.04%	0.66%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Secondary Demand

Rate Year 3

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
5										
Present Bill - RY2	\$ 218.44	\$ 237.61	\$ 256.77	\$ 333.43	\$ 371.76					
Without Rate Moderation										
Proposed Bill - RY3	\$ 231.58	\$ 251.12	\$ 270.66	\$ 348.83	\$ 387.91					
\$ Delivery Rate Increase	\$ 13.14	\$ 13.51	\$ 13.89	\$ 15.40	\$ 16.15					
% Increase	6.01%	5.69%	5.41%	4.62%	4.34%					
With Rate Moderation										
EBC Reduction	\$ (1.43)	\$ (2.15)	\$ (2.87)	\$ (5.73)	\$ (7.17)					
Proposed Bill	\$ 230.15	\$ 248.97	\$ 267.80	\$ 343.10	\$ 380.75					
Delivery Rate Increase	\$ 11.70	\$ 11.36	\$ 11.02	\$ 9.66	\$ 8.98					
Total % Increase	5.36%	4.78%	4.29%	2.90%	2.42%					
10										
Present Bill - RY2	\$ 285.96	\$ 305.12	\$ 324.29	\$ 400.95	\$ 439.28					
Without Rate Moderation										
Proposed Bill - RY3	\$ 301.24	\$ 320.79	\$ 340.33	\$ 418.49	\$ 457.58					
\$ Delivery Rate Increase	\$ 15.29	\$ 15.66	\$ 16.04	\$ 17.54	\$ 18.30					
% Increase	5.35%	5.13%	4.95%	4.38%	4.17%					
With Rate Moderation										
EBC Reduction	\$ (1.43)	\$ (2.15)	\$ (2.87)	\$ (5.73)	\$ (7.17)					
Proposed Bill	\$ 299.81	\$ 318.64	\$ 337.46	\$ 412.76	\$ 450.41					
Delivery Rate Increase	\$ 13.85	\$ 13.51	\$ 13.17	\$ 11.81	\$ 11.13					
% Increase	4.84%	4.43%	4.06%	2.95%	2.53%					
15										
Present Bill - RY2			\$ 391.80	\$ 468.46	\$ 506.79	\$ 698.45	\$ 890.10			
Without Rate Moderation										
Proposed Bill - RY3			\$ 409.99	\$ 488.16	\$ 527.24	\$ 722.66	\$ 918.07			
\$ Delivery Rate Increase			\$ 18.19	\$ 19.69	\$ 20.45	\$ 24.21	\$ 27.97			
% Increase			4.64%	4.20%	4.03%	3.47%	3.14%			
With Rate Moderation										
EBC Reduction			\$ (2.87)	\$ (5.73)	\$ (7.17)	\$ (14.33)	\$ (21.50)			
Proposed Bill			\$ 407.13	\$ 482.43	\$ 520.08	\$ 708.33	\$ 896.58			
Delivery Rate Increase			\$ 15.32	\$ 13.96	\$ 13.28	\$ 9.88	\$ 6.47			
% Increase			3.91%	2.98%	2.62%	1.41%	0.73%			
20										
Present Bill - RY2				\$ 535.98	\$ 574.31	\$ 765.96	\$ 957.62	\$ 1,149.27		
Without Rate Moderation										
Proposed Bill - RY3				\$ 557.82	\$ 596.90	\$ 792.32	\$ 987.74	\$ 1,183.15		
\$ Delivery Rate Increase				\$ 21.84	\$ 22.60	\$ 26.36	\$ 30.12	\$ 33.88		
% Increase				4.08%	3.93%	3.44%	3.15%	2.95%		
With Rate Moderation										
EBC Reduction				\$ (5.73)	\$ (7.17)	\$ (14.33)	\$ (21.50)	\$ (28.66)		
Proposed Bill				\$ 552.09	\$ 589.74	\$ 777.99	\$ 966.24	\$ 1,154.49		
Delivery Rate Increase				\$ 16.11	\$ 15.43	\$ 12.03	\$ 8.62	\$ 5.22		
% Increase				3.01%	2.69%	1.57%	0.90%	0.45%		
30										
Present Bill - RY2					\$ 709.34	\$ 900.99	\$ 1,092.65	\$ 1,284.30	\$ 1,667.61	
Without Rate Moderation										
Proposed Bill - RY3					\$ 736.23	\$ 931.65	\$ 1,127.06	\$ 1,322.48	\$ 1,713.31	
\$ Delivery Rate Increase					\$ 26.90	\$ 30.66	\$ 34.42	\$ 38.18	\$ 45.70	
% Increase					3.79%	3.40%	3.15%	2.97%	2.74%	
With Rate Moderation										
EBC Reduction					\$ (7.17)	\$ (14.33)	\$ (21.50)	\$ (28.66)	\$ (42.99)	
Proposed Bill					\$ 729.07	\$ 917.32	\$ 1,105.57	\$ 1,293.82	\$ 1,670.32	
Delivery Rate Increase					\$ 19.73	\$ 16.33	\$ 12.92	\$ 9.52	\$ 2.71	
% Increase					2.78%	1.81%	1.18%	0.74%	0.16%	
50										
Present Bill - RY2						\$ 1,171.05	\$ 1,362.70	\$ 1,554.36	\$ 1,937.67	\$ 2,320.97
Without Rate Moderation										
Proposed Bill - RY3						\$ 1,210.31	\$ 1,405.72	\$ 1,601.14	\$ 1,991.97	\$ 2,382.80
\$ Delivery Rate Increase						\$ 39.26	\$ 43.02	\$ 46.78	\$ 54.30	\$ 61.83
% Increase						3.35%	3.16%	3.01%	2.80%	2.66%
With Rate Moderation										
EBC Reduction						\$ (14.33)	\$ (21.50)	\$ (28.66)	\$ (42.99)	\$ (57.32)
Proposed Bill						\$ 1,195.98	\$ 1,384.23	\$ 1,572.48	\$ 1,948.98	\$ 2,325.48
Delivery Rate Increase						\$ 24.92	\$ 21.52	\$ 18.12	\$ 11.31	\$ 4.50
% Increase						2.13%	1.58%	1.17%	0.58%	0.19%
100										
Present Bill - RY2						\$ 1,846.20	\$ 2,037.85	\$ 2,229.50	\$ 2,612.81	\$ 2,996.12
Without Rate Moderation										
Proposed Bill - RY3						\$ 1,906.95	\$ 2,102.36	\$ 2,297.78	\$ 2,688.61	\$ 3,079.44
\$ Delivery Rate Increase						\$ 60.75	\$ 64.51	\$ 68.27	\$ 75.80	\$ 83.32
% Increase						3.29%	3.17%	3.06%	2.90%	2.78%
With Rate Moderation										
EBC Reduction						\$ (14.33)	\$ (21.50)	\$ (28.66)	\$ (42.99)	\$ (57.32)
Proposed Bill						\$ 1,892.62	\$ 2,080.87	\$ 2,269.12	\$ 2,645.62	\$ 3,022.12
Delivery Rate Increase						\$ 46.42	\$ 43.02	\$ 39.61	\$ 32.81	\$ 26.00
% Increase						2.51%	2.11%	1.78%	1.26%	0.87%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Primary Demand

Rate Year 1

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
5										
Present Bill	\$ 513.33	\$ 532.05	\$ 550.77	\$ 625.63	\$ 663.07					
Without Rate Moderation										
Proposed Bill - RY1	\$ 523.53	\$ 542.22	\$ 560.92	\$ 635.71	\$ 673.10					
\$ Delivery Rate Increase	\$ 10.20	\$ 10.17	\$ 10.15	\$ 10.07	\$ 10.03					
% Increase	1.99%	1.91%	1.84%	1.61%	1.51%					
With Rate Moderation										
EBC Reduction	\$ 0.09	\$ 0.14	\$ 0.18	\$ 0.37	\$ 0.46					
Proposed Bill	\$ 523.62	\$ 542.36	\$ 561.10	\$ 636.08	\$ 673.56					
Delivery Rate Increase	\$ 10.29	\$ 10.31	\$ 10.34	\$ 10.44	\$ 10.49					
Total % Increase	2.00%	1.94%	1.88%	1.67%	1.58%					
10										
Present Bill	\$ 565.46	\$ 584.17	\$ 602.89	\$ 677.76	\$ 715.19					
Without Rate Moderation										
Proposed Bill - RY1	\$ 574.63	\$ 593.32	\$ 612.02	\$ 686.81	\$ 724.20					
\$ Delivery Rate Increase	\$ 9.17	\$ 9.15	\$ 9.13	\$ 9.05	\$ 9.01					
% Increase	1.62%	1.57%	1.51%	1.34%	1.26%					
With Rate Moderation										
EBC Reduction	\$ 0.09	\$ 0.14	\$ 0.18	\$ 0.37	\$ 0.46					
Proposed Bill	\$ 574.72	\$ 593.46	\$ 612.21	\$ 687.18	\$ 724.66					
Delivery Rate Increase	\$ 9.26	\$ 9.29	\$ 9.31	\$ 9.42	\$ 9.47					
Total % Increase	1.64%	1.59%	1.55%	1.39%	1.32%					
15										
Present Bill			\$ 655.02	\$ 729.88	\$ 767.32	\$ 954.49	\$ 1,141.66			
Without Rate Moderation										
Proposed Bill - RY1			\$ 663.12	\$ 737.91	\$ 775.30	\$ 962.27	\$ 1,149.24			
\$ Delivery Rate Increase			\$ 8.11	\$ 8.03	\$ 7.98	\$ 7.78	\$ 7.57			
% Increase			1.24%	1.10%	1.04%	0.82%	0.66%			
With Rate Moderation										
EBC Reduction			\$ 0.18	\$ 0.37	\$ 0.46	\$ 0.92	\$ 1.38			
Proposed Bill			\$ 663.31	\$ 738.28	\$ 775.76	\$ 963.19	\$ 1,150.62			
Delivery Rate Increase			\$ 8.29	\$ 8.39	\$ 8.44	\$ 8.70	\$ 8.96			
Total % Increase			1.27%	1.15%	1.10%	0.91%	0.78%			
20										
Present Bill				\$ 782.01	\$ 819.44	\$ 1,006.62	\$ 1,193.79	\$ 1,380.96		
Without Rate Moderation										
Proposed Bill - RY1				\$ 789.01	\$ 826.40	\$ 1,013.37	\$ 1,200.34	\$ 1,387.31		
\$ Delivery Rate Increase				\$ 7.00	\$ 6.96	\$ 6.76	\$ 6.55	\$ 6.35		
% Increase				0.90%	0.85%	0.67%	0.55%	0.46%		
With Rate Moderation										
EBC Reduction				\$ 0.37	\$ 0.46	\$ 0.92	\$ 1.38	\$ 1.84		
Proposed Bill				\$ 789.38	\$ 826.86	\$ 1,014.29	\$ 1,201.72	\$ 1,389.15		
Delivery Rate Increase				\$ 7.37	\$ 7.42	\$ 7.68	\$ 7.93	\$ 8.19		
Total % Increase				0.94%	0.91%	0.76%	0.66%	0.59%		
30										
Present Bill					\$ 923.69	\$ 1,110.87	\$ 1,298.04	\$ 1,485.21	\$ 1,859.56	
Without Rate Moderation										
Proposed Bill - RY1					\$ 928.61	\$ 1,115.57	\$ 1,302.54	\$ 1,489.51	\$ 1,863.45	
\$ Delivery Rate Increase					\$ 4.91	\$ 4.71	\$ 4.50	\$ 4.30	\$ 3.89	
% Increase					0.53%	0.42%	0.35%	0.29%	0.21%	
With Rate Moderation										
EBC Reduction					\$ 0.46	\$ 0.92	\$ 1.38	\$ 1.84	\$ 2.76	
Proposed Bill					\$ 929.07	\$ 1,116.50	\$ 1,303.92	\$ 1,491.35	\$ 1,866.21	
Delivery Rate Increase					\$ 5.37	\$ 5.63	\$ 5.89	\$ 6.14	\$ 6.65	
Total % Increase					0.58%	0.51%	0.45%	0.41%	0.36%	
50										
Present Bill						\$ 1,319.36	\$ 1,506.54	\$ 1,693.71	\$ 2,068.05	\$ 2,442.40
Without Rate Moderation										
Proposed Bill - RY1						\$ 1,319.98	\$ 1,506.95	\$ 1,693.91	\$ 2,067.85	\$ 2,441.79
\$ Delivery Rate Increase						\$ 0.61	\$ 0.41	\$ 0.20	\$ (0.20)	\$ (0.61)
% Increase						0.05%	0.03%	0.01%	-0.01%	-0.03%
With Rate Moderation										
EBC Reduction						\$ 0.92	\$ 1.38	\$ 1.84	\$ 2.76	\$ 3.68
Proposed Bill						\$ 1,320.90	\$ 1,508.33	\$ 1,695.76	\$ 2,070.61	\$ 2,445.47
Delivery Rate Increase						\$ 1.54	\$ 1.79	\$ 2.05	\$ 2.56	\$ 3.07
Total % Increase						0.12%	0.12%	0.12%	0.12%	0.13%
100										
Present Bill						\$ 1,840.61	\$ 2,027.78	\$ 2,214.96	\$ 2,589.30	\$ 2,963.65
Without Rate Moderation										
Proposed Bill - RY1						\$ 1,830.99	\$ 2,017.96	\$ 2,204.93	\$ 2,578.86	\$ 2,952.80
\$ Delivery Rate Increase						\$ (9.62)	\$ (9.83)	\$ (10.03)	\$ (10.44)	\$ (10.85)
% Increase						-0.52%	-0.48%	-0.45%	-0.40%	-0.37%
With Rate Moderation										
EBC Reduction						\$ 0.92	\$ 1.38	\$ 1.84	\$ 2.76	\$ 3.68
Proposed Bill						\$ 1,831.91	\$ 2,019.34	\$ 2,206.77	\$ 2,581.63	\$ 2,956.48
Delivery Rate Increase						\$ (8.70)	\$ (8.44)	\$ (8.19)	\$ (7.68)	\$ (7.17)
Total % Increase						-0.47%	-0.42%	-0.37%	-0.30%	-0.24%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Primary Demand

Rate Year 2

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
5										
Present Bill - RY1	\$ 523.62	\$ 542.36	\$ 561.10	\$ 636.08	\$ 673.56					
Without Rate Moderation										
Proposed Bill - RY2	\$ 550.60	\$ 569.35	\$ 588.10	\$ 663.09	\$ 700.58					
\$ Delivery Rate Increase	\$ 26.98	\$ 26.99	\$ 26.99	\$ 27.01	\$ 27.02					
% Increase	5.15%	4.98%	4.81%	4.25%	4.01%					
With Rate Moderation										
EBC Reduction	\$ (0.35)	\$ (0.53)	\$ (0.71)	\$ (1.41)	\$ (1.77)					
Proposed Bill	\$ 550.25	\$ 568.82	\$ 587.39	\$ 661.68	\$ 698.82					
Delivery Rate Increase	\$ 26.63	\$ 26.46	\$ 26.29	\$ 25.60	\$ 25.26					
Total % Increase	5.09%	4.88%	4.68%	4.02%	3.75%					
10										
Present Bill - RY1	\$ 574.72	\$ 593.46	\$ 612.21	\$ 687.18	\$ 724.66					
Without Rate Moderation										
Proposed Bill - RY2	\$ 603.08	\$ 621.83	\$ 640.58	\$ 715.57	\$ 753.07					
\$ Delivery Rate Increase	\$ 28.36	\$ 28.37	\$ 28.37	\$ 28.39	\$ 28.41					
% Increase	4.94%	4.78%	4.63%	4.13%	3.92%					
With Rate Moderation										
EBC Reduction	\$ (0.35)	\$ (0.53)	\$ (0.71)	\$ (1.41)	\$ (1.77)					
Proposed Bill	\$ 602.73	\$ 621.30	\$ 639.87	\$ 714.16	\$ 751.30					
Delivery Rate Increase	\$ 28.01	\$ 27.84	\$ 27.67	\$ 26.98	\$ 26.64					
Total % Increase	4.87%	4.69%	4.52%	3.93%	3.68%					
15										
Present Bill - RY1			\$ 663.31	\$ 738.28	\$ 775.76	\$ 963.19	\$ 1,150.62			
Without Rate Moderation										
Proposed Bill - RY2			\$ 693.06	\$ 768.05	\$ 805.55	\$ 993.03	\$ 1,180.51			
\$ Delivery Rate Increase			\$ 29.76	\$ 29.78	\$ 29.79	\$ 29.84	\$ 29.89			
% Increase			4.49%	4.03%	3.84%	3.10%	2.60%			
With Rate Moderation										
EBC Reduction			\$ (0.71)	\$ (1.41)	\$ (1.77)	\$ (3.53)	\$ (5.30)			
Proposed Bill			\$ 692.36	\$ 766.64	\$ 803.78	\$ 989.50	\$ 1,175.21			
Delivery Rate Increase			\$ 29.05	\$ 28.36	\$ 28.02	\$ 26.31	\$ 24.59			
Total % Increase			4.38%	3.84%	3.61%	2.73%	2.14%			
20										
Present Bill - RY1				\$ 789.38	\$ 826.86	\$ 1,014.29	\$ 1,201.72	\$ 1,389.15		
Without Rate Moderation										
Proposed Bill - RY2				\$ 820.54	\$ 858.03	\$ 1,045.51	\$ 1,232.99	\$ 1,420.47		
\$ Delivery Rate Increase				\$ 31.16	\$ 31.17	\$ 31.22	\$ 31.27	\$ 31.32		
% Increase				3.95%	3.77%	3.08%	2.60%	2.25%		
With Rate Moderation										
EBC Reduction				\$ (1.41)	\$ (1.77)	\$ (3.53)	\$ (5.30)	\$ (7.06)		
Proposed Bill				\$ 819.13	\$ 856.27	\$ 1,041.98	\$ 1,227.70	\$ 1,413.41		
Delivery Rate Increase				\$ 29.75	\$ 29.40	\$ 27.69	\$ 25.97	\$ 24.26		
Total % Increase				3.77%	3.56%	2.73%	2.16%	1.75%		
30										
Present Bill - RY1					\$ 929.07	\$ 1,116.50	\$ 1,303.92	\$ 1,491.35	\$ 1,866.21	
Without Rate Moderation										
Proposed Bill - RY2					\$ 963.00	\$ 1,150.48	\$ 1,337.96	\$ 1,525.44	\$ 1,900.40	
\$ Delivery Rate Increase					\$ 33.93	\$ 33.98	\$ 34.03	\$ 34.09	\$ 34.19	
% Increase					3.65%	3.04%	2.61%	2.29%	1.83%	
With Rate Moderation										
EBC Reduction					\$ (1.77)	\$ (3.53)	\$ (5.30)	\$ (7.06)	\$ (10.59)	
Proposed Bill					\$ 961.23	\$ 1,146.95	\$ 1,332.66	\$ 1,518.38	\$ 1,889.80	
Delivery Rate Increase					\$ 32.17	\$ 30.45	\$ 28.74	\$ 27.02	\$ 23.59	
Total % Increase					3.46%	2.73%	2.20%	1.81%	1.26%	
50										
Present Bill - RY1						\$ 1,320.90	\$ 1,508.33	\$ 1,695.76	\$ 2,070.61	\$ 2,445.47
Without Rate Moderation										
Proposed Bill - RY2						\$ 1,360.41	\$ 1,547.89	\$ 1,735.37	\$ 2,110.33	\$ 2,485.29
\$ Delivery Rate Increase						\$ 39.51	\$ 39.56	\$ 39.61	\$ 39.72	\$ 39.82
% Increase						2.99%	2.62%	2.34%	1.92%	1.63%
With Rate Moderation										
EBC Reduction						\$ (3.53)	\$ (5.30)	\$ (7.06)	\$ (10.59)	\$ (14.13)
Proposed Bill						\$ 1,356.88	\$ 1,542.59	\$ 1,728.31	\$ 2,099.74	\$ 2,471.16
Delivery Rate Increase						\$ 35.98	\$ 34.27	\$ 32.55	\$ 29.12	\$ 25.69
Total % Increase						2.72%	2.27%	1.92%	1.41%	1.05%
100										
Present Bill - RY1						\$ 1,831.91	\$ 2,019.34	\$ 2,206.77	\$ 2,581.63	\$ 2,956.48
Without Rate Moderation										
Proposed Bill - RY2						\$ 1,885.24	\$ 2,072.72	\$ 2,260.20	\$ 2,635.16	\$ 3,010.12
\$ Delivery Rate Increase						\$ 53.33	\$ 53.38	\$ 53.43	\$ 53.53	\$ 53.64
% Increase						2.91%	2.64%	2.42%	2.07%	1.81%
With Rate Moderation										
EBC Reduction						\$ (3.53)	\$ (5.30)	\$ (7.06)	\$ (10.59)	\$ (14.13)
Proposed Bill						\$ 1,881.71	\$ 2,067.42	\$ 2,253.14	\$ 2,624.57	\$ 2,995.99
Delivery Rate Increase						\$ 49.80	\$ 48.08	\$ 46.37	\$ 42.94	\$ 39.51
Total % Increase						2.72%	2.38%	2.10%	1.66%	1.34%

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric Bill Impacts

S.C. No. 2 - Primary Demand

Rate Year 3

kW	kWh									
	500	750	1,000	2,000	2,500	5,000	7,500	10,000	15,000	20,000
5										
Present Bill - RY2	\$ 550.25	\$ 568.82	\$ 587.39	\$ 661.68	\$ 698.82					
Without Rate Moderation										
Proposed Bill - RY3	\$ 593.06	\$ 611.82	\$ 630.59	\$ 705.64	\$ 743.17					
\$ Delivery Rate Increase	\$ 42.81	\$ 43.00	\$ 43.20	\$ 43.96	\$ 44.35					
% Increase	7.78%	7.56%	7.35%	6.64%	6.35%					
With Rate Moderation										
EBC Reduction	\$ (0.78)	\$ (1.17)	\$ (1.57)	\$ (3.13)	\$ (3.92)					
Proposed Bill	\$ 592.28	\$ 610.65	\$ 629.02	\$ 702.51	\$ 739.25					
Delivery Rate Increase	\$ 42.03	\$ 41.83	\$ 41.63	\$ 40.83	\$ 40.43					
Total % Increase	7.64%	7.35%	7.09%	6.17%	5.79%					
10										
Present Bill - RY2	\$ 602.73	\$ 621.30	\$ 639.87	\$ 714.16	\$ 751.30					
Without Rate Moderation										
Proposed Bill - RY3	\$ 647.03	\$ 665.79	\$ 684.55	\$ 759.61	\$ 797.13					
\$ Delivery Rate Increase	\$ 44.30	\$ 44.49	\$ 44.68	\$ 45.45	\$ 45.83					
% Increase	7.35%	7.16%	6.98%	6.36%	6.10%					
With Rate Moderation										
EBC Reduction	\$ (0.78)	\$ (1.17)	\$ (1.57)	\$ (3.13)	\$ (3.92)					
Proposed Bill	\$ 646.24	\$ 664.62	\$ 682.99	\$ 756.47	\$ 793.22					
Delivery Rate Increase	\$ 43.51	\$ 43.31	\$ 43.11	\$ 42.32	\$ 41.92					
Total % Increase	7.22%	6.97%	6.74%	5.93%	5.58%					
15										
Present Bill - RY2			\$ 680.77	\$ 755.06	\$ 792.20	\$ 977.91	\$ 1,163.63			
Without Rate Moderation										
Proposed Bill - RY3			\$ 726.94	\$ 801.99	\$ 839.52	\$ 1,027.15	\$ 1,214.78			
\$ Delivery Rate Increase			\$ 46.16	\$ 46.93	\$ 47.32	\$ 49.24	\$ 51.15			
% Increase			6.78%	6.22%	5.97%	5.03%	4.40%			
With Rate Moderation										
EBC Reduction			\$ (1.57)	\$ (3.13)	\$ (3.92)	\$ (7.83)	\$ (11.75)			
Proposed Bill			\$ 725.37	\$ 798.86	\$ 835.60	\$ 1,019.32	\$ 1,203.04			
Delivery Rate Increase			\$ 44.60	\$ 43.80	\$ 43.40	\$ 41.40	\$ 39.41			
Total % Increase			6.55%	5.80%	5.48%	4.23%	3.39%			
20										
Present Bill - RY2				\$ 803.68	\$ 840.82	\$ 1,026.53	\$ 1,212.25	\$ 1,397.96		
Without Rate Moderation										
Proposed Bill - RY3				\$ 852.09	\$ 889.62	\$ 1,077.25	\$ 1,264.89	\$ 1,452.52		
\$ Delivery Rate Increase				\$ 48.42	\$ 48.80	\$ 50.72	\$ 52.64	\$ 54.56		
% Increase				6.02%	5.80%	4.94%	4.34%	3.90%		
With Rate Moderation										
EBC Reduction				\$ (3.13)	\$ (3.92)	\$ (7.83)	\$ (11.75)	\$ (15.66)		
Proposed Bill				\$ 848.96	\$ 885.71	\$ 1,069.42	\$ 1,253.14	\$ 1,436.86		
Delivery Rate Increase				\$ 45.28	\$ 44.89	\$ 42.89	\$ 40.89	\$ 38.90		
Total % Increase				5.63%	5.34%	4.18%	3.37%	2.78%		
30										
Present Bill - RY2					\$ 938.06	\$ 1,123.78	\$ 1,309.49	\$ 1,495.20	\$ 1,866.63	
Without Rate Moderation										
Proposed Bill - RY3					\$ 989.83	\$ 1,177.46	\$ 1,365.10	\$ 1,552.73	\$ 1,928.00	
\$ Delivery Rate Increase					\$ 51.77	\$ 53.69	\$ 55.61	\$ 57.53	\$ 61.37	
% Increase					5.52%	4.78%	4.25%	3.85%	3.29%	
With Rate Moderation										
EBC Reduction					\$ (3.92)	\$ (7.83)	\$ (11.75)	\$ (15.66)	\$ (23.49)	
Proposed Bill					\$ 985.92	\$ 1,169.63	\$ 1,353.35	\$ 1,537.07	\$ 1,904.51	
Delivery Rate Increase					\$ 47.85	\$ 45.86	\$ 43.86	\$ 41.87	\$ 37.87	
Total % Increase					5.10%	4.08%	3.35%	2.80%	2.03%	
50										
Present Bill - RY2						\$ 1,318.26	\$ 1,503.98	\$ 1,689.69	\$ 2,061.12	\$ 2,432.54
Without Rate Moderation										
Proposed Bill - RY3						\$ 1,377.89	\$ 1,565.52	\$ 1,753.15	\$ 2,128.42	\$ 2,503.69
\$ Delivery Rate Increase						\$ 59.62	\$ 61.54	\$ 63.46	\$ 67.30	\$ 71.14
% Increase						4.52%	4.09%	3.76%	3.27%	2.92%
With Rate Moderation										
EBC Reduction						\$ (7.83)	\$ (11.75)	\$ (15.66)	\$ (23.49)	\$ (31.32)
Proposed Bill						\$ 1,370.06	\$ 1,553.77	\$ 1,737.49	\$ 2,104.93	\$ 2,472.36
Delivery Rate Increase						\$ 51.79	\$ 49.80	\$ 47.80	\$ 43.81	\$ 39.82
Total % Increase						3.93%	3.31%	2.83%	2.13%	1.64%
100										
Present Bill - RY2						\$ 1,804.47	\$ 1,990.19	\$ 2,175.90	\$ 2,547.33	\$ 2,918.76
Without Rate Moderation										
Proposed Bill - RY3						\$ 1,878.94	\$ 2,066.57	\$ 2,254.21	\$ 2,629.47	\$ 3,004.74
\$ Delivery Rate Increase						\$ 74.47	\$ 76.39	\$ 78.31	\$ 82.14	\$ 85.98
% Increase						4.13%	3.84%	3.60%	3.22%	2.95%
With Rate Moderation										
EBC Reduction						\$ (7.83)	\$ (11.75)	\$ (15.66)	\$ (23.49)	\$ (31.32)
Proposed Bill						\$ 1,871.11	\$ 2,054.83	\$ 2,238.55	\$ 2,605.98	\$ 2,973.42
Delivery Rate Increase						\$ 66.64	\$ 64.64	\$ 62.64	\$ 58.65	\$ 54.66
Total % Increase						3.69%	3.25%	2.88%	2.30%	1.87%

Appendix N Sheet 14 of 23

Central Hudson Gas & Electric Corporation

Rates Utilized in Development of Typical Bills

ECAM Rates as of July 13, 2021

		<u>SC2ND</u>		<u>SC2SD</u>		<u>SC2PD</u>
Market Price Charge	\$	0.06653	\$	0.06653	\$	0.06524
Market Price Adjustment	\$	(0.00030)	\$	(0.00030)	\$	0.00155
Miscellaneous Charges*	\$	0.00438	\$	(0.00012)	\$	(0.00012)
Miscellaneous Charges (kW)*	\$	-	\$	0.92000	\$	0.77000
Purchased Power Adjustment	\$	-	\$	-	\$	-
System Benefits Charge- Current	\$	0.00651	\$	0.00651	\$	0.00651
MFC Admin Charge- Current	\$	0.00258	\$	0.00012	\$	0.00001
MFC Supply Charge- Current	\$	0.00581	\$	0.00042	\$	0.00006
MFC Transition Adjustment-Current	\$	0.00111	\$	0.00009	\$	0.00001
Electric Bill Credit- Current	\$	-	\$	-	\$	-
Weighted Revenue Tax - Commodity		0.306%		0.306%		0.306%
Weighted Revenue Tax - Delivery		2.306%		2.306%		2.306%
MFC Admin Charge - Proposed RY1	\$	0.00217	\$	0.00010	\$	0.00001
MFC Admin Charge - Proposed RY2	\$	0.00209	\$	0.00010	\$	0.00001
MFC Admin Charge - Proposed RY3	\$	0.00203	\$	0.00009	\$	0.00001
MFC Supply Charge - Proposed RY1	\$	0.00497	\$	0.00023	\$	0.00002
MFC Supply Charge - Proposed RY2	\$	0.00478	\$	0.00022	\$	0.00002
MFC Supply Charge - Proposed RY3	\$	0.00465	\$	0.00022	\$	0.00002
Electric Bill Credit - Proposed RY1	\$	0.00049	\$	0.00033	\$	0.00018
Electric Bill Credit - Proposed RY2	\$	(0.00314)	\$	(0.00126)	\$	(0.00069)
Electric Bill Credit - Proposed RY3	\$	(0.00697)	\$	(0.00280)	\$	(0.00153)
Customer Charge - Current	\$	30.50	\$	97.00	\$	414.00
Customer Charge - Proposed RY1	\$	30.50	\$	100.00	\$	425.00
Customer Charge - Proposed RY2	\$	30.50	\$	110.00	\$	450.00
Customer Charge - Proposed RY3	\$	30.50	\$	120.00	\$	490.00
Delivery Charge- Current	\$	0.05921	\$	0.00430	\$	0.00122
Delivery Charge- Proposed RY1	\$	0.05851	\$	0.00424	\$	0.00118
Delivery Charge- Proposed RY2	\$	0.06536	\$	0.00445	\$	0.00138
Delivery Charge- Proposed RY3	\$	0.07234	\$	0.00467	\$	0.00144
Demand Rate - Current		N/A	\$	12.18	\$	9.43
Demand Rate - Proposed RY1		N/A	\$	11.92	\$	9.23
Demand Rate - Proposed RY2		N/A	\$	12.29	\$	9.50
Demand Rate - Proposed RY3		N/A	\$	12.71	\$	9.79

Appendix N Sheet 15 of 23

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Average Annual Residential Gas Heating Customer Bill Impact Rate Year 1 (Twelve Months Ended June 30, 2022)

Current rates as of July 1, 2021 (First Billing Batch in July)

	<u>Current Rates</u>	<u>Proposed Rates</u>	<u>Current Rates</u>	<u>Proposed Rates</u>
Block 1 Ccf	24	24	24	24
Block 2 Ccf	471	471	445	445
Block 3 Ccf	<u>375</u>	<u>375</u>	<u>281</u>	<u>281</u>
Total Annual Ccf	870	870	750	750

LOW INCOME

CHG&E Rates

Basic Service Charge	\$ 24.25	\$24.25	\$24.25	\$24.25
----------------------	----------	---------	---------	---------

Gas Delivery Charges \$/Ccf

Next	\$1.35930	\$1.36500	\$1.35930	\$1.36500
Next	\$0.62480	\$0.71424	\$0.62480	\$0.71424
System Benefits Charge	(\$0.00001)	(\$0.00001)	(\$0.00001)	(\$0.00001)
MFC Admin Charge	\$0.00678	\$0.00555	\$0.00678	\$0.00555
Transition Adj Charge	\$0.00410	\$0.00000	\$0.00410	\$0.00000
Gas Bill Credit	\$0.00000	(\$0.00827)	\$0.00000	(\$0.00827)

Gas Supply Charges \$Ccf

MFC Supply Charge	\$0.01855	\$0.01257	\$0.01855	\$0.01257
Gas Supply Charge	\$0.43963	\$0.43963	\$0.43963	\$0.43963

Rev Tax Factor

Weighted Rev Tax - Commodity	0.00616	0.00616	0.00616	0.00616
Weighted Rev Tax - Delivery	0.02616	0.02616	0.02616	0.02616

CHG&E Bill

LOW INCOME

Gas Delivery Charges:

Basic Service Charge	\$298.82	\$298.82	\$298.82	\$298.82
Next	\$657.43	\$660.19	\$621.14	\$623.74
Next	\$240.59	\$275.03	\$180.29	\$206.09
System Benefits Charge	(\$0.01)	(\$0.01)	(\$0.01)	(\$0.01)
MFC Admin Charge	\$6.06	\$4.96	\$5.22	\$4.27
Transition Adj Charge	\$3.66	\$0.00	\$3.16	\$0.00
Gas Bill Credit	<u>\$0.00</u>	<u>(\$7.39)</u>	<u>\$0.00</u>	<u>(\$6.37)</u>
Subtotal Delivery	\$1,206.55	\$1,231.60	\$1,108.61	\$1,126.55

Gas Supply Charges:

MFC Supply Charge	\$16.57	\$11.23	\$14.29	\$9.68
Gas Supply Charge	<u>\$384.85</u>	<u>\$384.85</u>	<u>\$331.77</u>	<u>\$331.77</u>
Subtotal Energy Supply	\$401.42	\$396.08	\$346.05	\$341.45

Low Income Bill Discount	\$0.00	\$0.00	(\$360.00)	(\$360.00) (Tier 1 Discount)
Total Bill	<u>\$1,607.97</u>	<u>\$1,627.68</u>	<u>\$1,094.66</u>	<u>\$1,108.00</u>

\$ Total Bill Increase w/ Rate Moderation	\$19.70	\$13.33
% Total Bill Increase w/ Rate Moderation	1.23%	1.22%
\$ Total Bill Increase w/out Rate Moderation	\$27.09	\$19.70
% Total Bill Increase w/out Rate Moderation	1.68%	1.80%

Appendix N Sheet 16 of 23

Central Hudson Gas & Electric Corporation

Cases 20-E-0428 & 20-G-0429

Monthly Typical Bills

Residential

Rate Year 1 (Twelve Months Ended June 30, 2022)

Delivery Only				
Monthly Ccf	Bill at Current Rates	Bill at Proposed RY 1 Rates	Over Current Amount	Over Current %
2	\$ 24.96	\$ 24.92	\$ (0.04)	-0.2%
4	\$ 27.81	\$ 27.75	\$ (0.07)	-0.2%
6	\$ 30.67	\$ 30.57	\$ (0.10)	-0.3%
8	\$ 33.52	\$ 33.39	\$ (0.13)	-0.4%
10	\$ 36.37	\$ 36.22	\$ (0.15)	-0.4%
15	\$ 43.50	\$ 43.27	\$ (0.23)	-0.5%
20	\$ 50.63	\$ 50.33	\$ (0.30)	-0.6%
25	\$ 57.76	\$ 57.39	\$ (0.37)	-0.6%
30	\$ 64.89	\$ 64.45	\$ (0.44)	-0.7%
35	\$ 72.02	\$ 71.51	\$ (0.51)	-0.7%
40	\$ 79.15	\$ 78.57	\$ (0.58)	-0.7%
50	\$ 93.41	\$ 92.69	\$ (0.72)	-0.8%
60	\$ 100.13	\$ 100.12	\$ (0.01)	0.0%
80	\$ 113.57	\$ 114.99	\$ 1.43	1.3%
100	\$ 127.00	\$ 129.86	\$ 2.86	2.3%
110	\$ 133.72	\$ 137.30	\$ 3.58	2.7%
130	\$ 147.16	\$ 152.17	\$ 5.01	3.4%
150	\$ 160.59	\$ 167.04	\$ 6.45	4.0%
170	\$ 174.03	\$ 181.91	\$ 7.88	4.5%
200	\$ 194.18	\$ 204.22	\$ 10.04	5.2%
300	\$ 261.36	\$ 278.57	\$ 17.21	6.6%
400	\$ 328.54	\$ 352.93	\$ 24.38	7.4%
500	\$ 395.72	\$ 427.28	\$ 31.56	8.0%
600	\$ 462.90	\$ 501.63	\$ 38.73	8.4%
800	\$ 597.26	\$ 650.34	\$ 53.08	8.9%
1,000	\$ 731.63	\$ 799.05	\$ 67.42	9.2%

Total Bill				
Monthly Ccf	Bill at Current Rates	Bill at Proposed RY 1 Rates	Over Current Amount	Over Current %
2	\$ 25.85	\$ 25.81	\$ (0.04)	-0.2%
4	\$ 29.58	\$ 29.51	\$ (0.07)	-0.2%
6	\$ 33.32	\$ 33.22	\$ (0.10)	-0.3%
8	\$ 37.06	\$ 36.93	\$ (0.13)	-0.3%
10	\$ 40.79	\$ 40.64	\$ (0.15)	-0.4%
15	\$ 50.14	\$ 49.91	\$ (0.23)	-0.4%
20	\$ 59.48	\$ 59.18	\$ (0.30)	-0.5%
25	\$ 68.82	\$ 68.45	\$ (0.37)	-0.5%
30	\$ 78.16	\$ 77.72	\$ (0.44)	-0.6%
35	\$ 87.50	\$ 86.99	\$ (0.51)	-0.6%
40	\$ 96.84	\$ 96.26	\$ (0.58)	-0.6%
50	\$ 115.53	\$ 114.80	\$ (0.72)	-0.6%
60	\$ 126.67	\$ 126.66	\$ (0.01)	0.0%
80	\$ 148.95	\$ 150.38	\$ 1.43	1.0%
100	\$ 171.24	\$ 174.10	\$ 2.86	1.7%
110	\$ 182.38	\$ 185.96	\$ 3.58	2.0%
130	\$ 204.66	\$ 209.68	\$ 5.01	2.5%
150	\$ 226.94	\$ 233.39	\$ 6.45	2.8%
170	\$ 249.23	\$ 257.11	\$ 7.88	3.2%
200	\$ 282.65	\$ 292.69	\$ 10.04	3.6%
300	\$ 394.07	\$ 411.28	\$ 17.21	4.4%
400	\$ 505.48	\$ 529.86	\$ 24.38	4.8%
500	\$ 616.90	\$ 648.45	\$ 31.56	5.1%
600	\$ 728.31	\$ 767.04	\$ 38.73	5.3%
800	\$ 951.14	\$ 1,004.22	\$ 53.08	5.6%
1,000	\$ 1,173.97	\$ 1,241.39	\$ 67.42	5.7%

Number of Customers			
Total Customers		Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
3,233	11,327	113	635
1,107	4,204	72	239
761	4,283	66	231
589	4,735	38	263
565	5,154	35	267
1,499	12,593	106	587
1,401	9,711	114	475
1,271	6,956	120	338
1,255	4,663	101	249
1,205	3,002	108	174
1,131	1,875	86	102
2,332	1,933	183	126
2,435	855	202	66
5,265	657	332	41
6,129	198	335	15
3,390	86	194	4
7,117	81	356	5
6,976	52	316	3
6,037	43	287	1
6,967	34	326	0
9,494	39	532	2
2,039	31	160	1
512	8	35	2
160	4	16	0
102	0	11	0
16	0	4	0

Appendix N Sheet 17 of 23

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Commercial Gas Bills Impacts
Rate Year 1 (Twelve Months Ended June 30, 2022)**

**P.S.C. No. 12 - Gas
Service Classification Nos. 2, 6 & 13**

Monthly Usage Ccf	Present Monthly Bill	Without Rate Moderation			With Rate Moderation			
		Proposed RY 1 Monthly Bill	Delivery \$ Increase	% Increase	Gas Bill Credit	Proposed RY 1 Monthly Bill	Delivery \$ Increase	% Increase
2	\$ 40.25	\$ 40.16	\$ (0.09)	-0.23%	\$ (0.01)	\$ 40.15	\$ (0.10)	-0.25%
10	49.87	49.32	(0.55)	-1.11%	(0.04)	49.28	(0.59)	-1.18%
30	73.92	72.22	(1.70)	-2.30%	(0.12)	72.10	(1.82)	-2.46%
50	97.96	95.11	(2.85)	-2.91%	(0.20)	94.92	(3.05)	-3.11%
100	158.08	152.35	(5.73)	-3.62%	(0.39)	151.96	(6.12)	-3.87%
150	204.15	199.29	(4.87)	-2.38%	(0.59)	198.70	(5.45)	-2.67%
200	250.23	246.23	(4.00)	-1.60%	(0.78)	245.44	(4.79)	-1.91%
250	296.31	293.16	(3.14)	-1.06%	(0.98)	292.19	(4.12)	-1.39%
300	342.38	340.10	(2.28)	-0.67%	(1.17)	338.93	(3.45)	-1.01%
400	434.54	433.98	(0.56)	-0.13%	(1.57)	432.41	(2.12)	-0.49%
500	526.69	527.86	1.17	0.22%	(1.96)	525.90	(0.79)	-0.15%
600	618.84	621.74	2.89	0.47%	(2.35)	619.39	0.54	0.09%
800	803.15	809.49	6.34	0.79%	(3.13)	806.36	3.21	0.40%
1000	987.46	997.24	9.79	0.99%	(3.91)	993.33	5.87	0.59%
1500	1,448.23	1,466.63	18.40	1.27%	(5.87)	1,460.76	12.53	0.87%
2000	1,909.00	1,936.02	27.02	1.42%	(7.83)	1,928.19	19.19	1.01%
3000	2,830.53	2,874.79	44.26	1.56%	(11.74)	2,863.05	32.52	1.15%
5000	4,673.61	4,752.34	78.73	1.68%	(19.57)	4,732.77	59.16	1.27%
7500	6,780.23	6,847.20	66.97	0.99%	(29.36)	6,817.84	37.61	0.55%
10000	8,886.86	8,942.06	55.20	0.62%	(39.14)	8,902.92	16.06	0.18%
12000	10,572.16	10,617.95	45.79	0.43%	(46.97)	10,570.98	(1.18)	-0.01%
14000	12,257.46	12,293.84	36.38	0.30%	(54.80)	12,239.05	(18.42)	-0.15%
16000	13,942.76	13,969.73	26.97	0.19%	(62.63)	13,907.11	(35.66)	-0.26%
20000	17,313.37	17,321.51	8.15	0.05%	(78.28)	17,243.23	(70.13)	-0.41%
<u>Average Annual Heating Customer @ 5770 Ccf Per Year</u>								
5770	6,108.33	6,118.38	10.04	0.16%	(22.58)	6,095.79	(12.54)	-0.21%

Weighted Revenue Tax Factor: Delivery 0.00616
Commodity 0.00616

Gas Supply Charge (per Ccf): \$ 0.43963

System Benefits Charge (per Ccf): Present Proposed RY 1
\$ (0.00001) \$ (0.00001)

S.C. No. 2, 6 & 13 Base Delivery Rates

Block 1	First 2 Ccf	\$ 39.000	\$ 39.000
Block 2 per Ccf	Next 98 Ccf	\$ 0.6919	\$ 0.6800
Block 3 per Ccf	Next 4900 Ccf	\$ 0.4129	\$ 0.4753
Block 4 per Ccf	Additional	\$ 0.3345	\$ 0.3751

Merchant Function Charge (per Ccf): MFC Admin \$ 0.00749 \$ 0.00553
MFC Supply \$ 0.02050 \$ 0.01253
Transition Adj. \$ 0.03535 \$ -

Gas Bill Credit (per Ccf): \$ - \$ (0.00389)

In order to only show the impact of base rate increases, bills under proposed rates do not reflect changes to GSC (included at July 1, 2021 first billing batch rates).

Appendix N Sheet 18 of 23

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Average Annual Residential Gas Heating Customer Bill Impact
Rate Year 2 (Twelve Months Ended June 30, 2023)**

	<u>Current RY 1</u>	<u>Proposed RY 2</u>	<u>Current RY 1</u>	<u>Proposed RY 2</u>
	<u>Rates</u>	<u>Rates</u>	<u>Rates</u>	<u>Rates</u>
Block 1 Ccf	24	24	24	24
Block 2 Ccf	471	471	445	445
Block 3 Ccf	<u>375</u>	<u>375</u>	<u>281</u>	<u>281</u>
Total Annual Ccf	870	870	750	750
<u>LOW INCOME</u>				
<u>CHG&E Rates</u>				
Basic Service Charge \$	24.25	\$24.25	\$24.25	\$24.25
Gas Delivery Charges \$/Ccf				
Next	\$1.36500	\$1.38900	\$1.36500	\$1.38900
Next	\$0.71424	\$0.81130	\$0.71424	\$0.81130
System Benefits Charge	(\$0.00001)	(\$0.00001)	(\$0.00001)	(\$0.00001)
MFC Admin Charge	\$0.00555	\$0.00545	\$0.00555	\$0.00545
Transition Adj Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Gas Bill Credit	(\$0.00827)	(\$0.03362)	(\$0.00827)	(\$0.03362)
Gas Supply Charges \$Ccf				
MFC Supply Charge	\$0.01257	\$0.01234	\$0.01257	\$0.01234
Gas Supply Charge	\$0.43963	\$0.43963	\$0.43963	\$0.43963
Rev Tax Factor				
Weighted Rev Tax - Commodity	0.00616	0.00616	0.00616	0.00616
Weighted Rev Tax - Delivery	0.02616	0.02616	0.02616	0.02616
<u>CHG&E Bill</u>				
<u>LOW INCOME</u>				
Gas Delivery Charges:				
Basic Service Charge	\$298.82	\$298.82	\$298.82	\$298.82
Next	\$660.19	\$671.79	\$623.74	\$634.71
Next	\$275.03	\$312.41	\$206.09	\$234.10
System Benefits Charge	(\$0.01)	(\$0.01)	(\$0.01)	(\$0.01)
MFC Admin Charge	\$4.96	\$4.87	\$4.27	\$4.20
Transition Adj Charge	\$0.00	\$0.00	\$0.00	\$0.00
Gas Bill Credit	<u>(\$7.39)</u>	<u>(\$30.04)</u>	<u>(\$6.37)</u>	<u>(\$25.89)</u>
Subtotal Delivery	\$1,231.60	\$1,257.84	\$1,126.55	\$1,145.92
Gas Supply Charges:				
MFC Supply Charge	\$11.23	\$11.02	\$9.68	\$9.50
Gas Supply Charge	<u>\$384.85</u>	<u>\$384.85</u>	<u>\$331.77</u>	<u>\$331.77</u>
Subtotal Energy Supply	\$396.08	\$395.87	\$341.45	\$341.27
Low Income Bill Discount	\$0.00	\$0.00	(\$360.00)	(\$360.00) (Tier 1 Discount)
Total Bill	<u>\$1,627.68</u>	<u>\$1,653.72</u>	<u>\$1,108.00</u>	<u>\$1,127.19</u>
\$ Total Bill Increase w/ Rate Moderation		\$26.04		\$19.20
% Total Bill Increase w/ Rate Moderation		1.60%		1.73%
\$ Total Bill Increase w/out Rate Moderation		\$56.08		\$45.09
% Total Bill Increase w/out Rate Moderation		3.45%		4.07%

Appendix N Sheet 19 of 23

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Monthly Typical Bills
Residential
Rate Year 2 (Twelve Months Ended June 30, 2023)**

Delivery Only				
Monthly Ccf	Bill at Current RY 1 Rates	Bill at Proposed RY 2 Rates	Over Current	
			Amount	%
2	\$ 24.92	\$ 24.87	\$ (0.05)	-0.2%
4	\$ 27.75	\$ 27.69	\$ (0.06)	-0.2%
6	\$ 30.57	\$ 30.51	\$ (0.06)	-0.2%
8	\$ 33.39	\$ 33.33	\$ (0.06)	-0.2%
10	\$ 36.22	\$ 36.15	\$ (0.07)	-0.2%
15	\$ 43.27	\$ 43.20	\$ (0.08)	-0.2%
20	\$ 50.33	\$ 50.25	\$ (0.08)	-0.2%
25	\$ 57.39	\$ 57.30	\$ (0.09)	-0.2%
30	\$ 64.45	\$ 64.35	\$ (0.10)	-0.2%
35	\$ 71.51	\$ 71.40	\$ (0.11)	-0.2%
40	\$ 78.57	\$ 78.45	\$ (0.12)	-0.2%
50	\$ 92.69	\$ 92.55	\$ (0.14)	-0.1%
60	\$ 100.12	\$ 100.72	\$ 0.60	0.6%
80	\$ 114.99	\$ 117.06	\$ 2.06	1.8%
100	\$ 129.86	\$ 133.39	\$ 3.53	2.7%
110	\$ 137.30	\$ 141.56	\$ 4.26	3.1%
130	\$ 152.17	\$ 157.90	\$ 5.73	3.8%
150	\$ 167.04	\$ 174.24	\$ 7.19	4.3%
170	\$ 181.91	\$ 190.57	\$ 8.66	4.8%
200	\$ 204.22	\$ 215.08	\$ 10.86	5.3%
300	\$ 278.57	\$ 296.76	\$ 18.19	6.5%
400	\$ 352.93	\$ 378.44	\$ 25.52	7.2%
500	\$ 427.28	\$ 460.13	\$ 32.85	7.7%
600	\$ 501.63	\$ 541.81	\$ 40.18	8.0%
800	\$ 650.34	\$ 705.18	\$ 54.84	8.4%
1,000	\$ 799.05	\$ 868.55	\$ 69.50	8.7%

Total Bill				
Monthly Ccf	Bill at Current RY 1 Rates	Bill at Proposed RY 2 Rates	Over Current	
			Amount	%
2	\$ 25.81	\$ 25.75	\$ (0.05)	-0.2%
4	\$ 29.51	\$ 29.46	\$ (0.06)	-0.2%
6	\$ 33.22	\$ 33.16	\$ (0.06)	-0.2%
8	\$ 36.93	\$ 36.87	\$ (0.06)	-0.2%
10	\$ 40.64	\$ 40.57	\$ (0.07)	-0.2%
15	\$ 49.91	\$ 49.83	\$ (0.08)	-0.2%
20	\$ 59.18	\$ 59.10	\$ (0.08)	-0.1%
25	\$ 68.45	\$ 68.36	\$ (0.09)	-0.1%
30	\$ 77.72	\$ 77.62	\$ (0.10)	-0.1%
35	\$ 86.99	\$ 86.88	\$ (0.11)	-0.1%
40	\$ 96.26	\$ 96.14	\$ (0.12)	-0.1%
50	\$ 114.80	\$ 114.67	\$ (0.14)	-0.1%
60	\$ 126.66	\$ 127.26	\$ 0.60	0.5%
80	\$ 150.38	\$ 152.44	\$ 2.06	1.4%
100	\$ 174.10	\$ 177.63	\$ 3.53	2.0%
110	\$ 185.96	\$ 190.22	\$ 4.26	2.3%
130	\$ 209.68	\$ 215.40	\$ 5.73	2.7%
150	\$ 233.39	\$ 240.59	\$ 7.19	3.1%
170	\$ 257.11	\$ 265.77	\$ 8.66	3.4%
200	\$ 292.69	\$ 303.55	\$ 10.86	3.7%
300	\$ 411.28	\$ 429.46	\$ 18.19	4.4%
400	\$ 529.86	\$ 555.38	\$ 25.52	4.8%
500	\$ 648.45	\$ 681.30	\$ 32.85	5.1%
600	\$ 767.04	\$ 807.22	\$ 40.18	5.2%
800	\$ 1,004.22	\$ 1,059.05	\$ 54.84	5.5%
1,000	\$ 1,241.39	\$ 1,310.89	\$ 69.50	5.6%

Number of Customers			
Total Customers		Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
3,233	11,327	113	635
1,107	4,204	72	239
761	4,283	66	231
589	4,735	38	263
565	5,154	35	267
1,499	12,593	106	587
1,401	9,711	114	475
1,271	6,956	120	338
1,255	4,663	101	249
1,205	3,002	108	174
1,131	1,875	86	102
2,332	1,933	183	126
2,435	855	202	66
5,265	657	332	41
6,129	198	335	15
3,390	86	194	4
7,117	81	356	5
6,976	52	316	3
6,037	43	287	1
6,967	34	326	0
9,494	39	532	2
2,039	31	160	1
512	8	35	2
160	4	16	0
102	0	11	0
16	0	4	0

Appendix N Sheet 20 of 23

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Commercial Gas Bills Impacts
Rate Year 2 (Twelve Months Ended June 30, 2023)**

**P.S.C. No. 12 - Gas
Service Classification Nos. 2, 6 & 13**

Monthly Usage Ccf	Present RY 1 Monthly Bill	Without Rate Moderation			With Rate Moderation			
		Proposed RY 2 Monthly Bill	Delivery \$ Increase	% Increase	Gas Bill Credit	Proposed RY 2 Monthly Bill	Delivery \$ Increase	0 % Increase
2	\$ 40.15	\$ 40.16	\$ 0.01	0.02%	\$ (0.03)	\$ 40.13	\$ (0.02)	-0.05%
10	49.28	48.82	(0.46)	-0.94%	(0.14)	48.68	(0.60)	-1.23%
30	72.10	70.46	(1.64)	-2.28%	(0.42)	70.04	(2.06)	-2.86%
50	94.92	92.10	(2.82)	-2.97%	(0.70)	91.40	(3.52)	-3.70%
100	151.96	146.20	(5.76)	-3.79%	(1.40)	144.80	(7.16)	-4.71%
150	198.70	194.88	(3.82)	-1.92%	(2.10)	192.78	(5.92)	-2.98%
200	245.44	243.55	(1.89)	-0.77%	(2.80)	240.75	(4.69)	-1.91%
250	292.19	292.23	0.04	0.02%	(3.50)	288.73	(3.45)	-1.18%
300	338.93	340.91	1.98	0.58%	(4.20)	336.71	(2.22)	-0.66%
400	432.41	438.26	5.85	1.35%	(5.60)	432.66	0.25	0.06%
500	525.90	535.61	9.71	1.85%	(7.00)	528.62	2.71	0.52%
600	619.39	632.97	13.58	2.19%	(8.40)	624.57	5.18	0.84%
800	806.36	827.67	21.31	2.64%	(11.20)	816.48	10.12	1.25%
1000	993.33	1,022.38	29.05	2.92%	(14.00)	1,008.38	15.05	1.52%
1500	1,460.76	1,509.15	48.39	3.31%	(20.99)	1,488.15	27.39	1.88%
2000	1,928.19	1,995.91	67.72	3.51%	(27.99)	1,967.92	39.73	2.06%
3000	2,863.05	2,969.44	106.40	3.72%	(41.99)	2,927.45	64.41	2.25%
5000	4,732.77	4,916.51	183.74	3.88%	(69.98)	4,846.53	113.76	2.40%
7500	6,817.84	7,138.79	320.94	4.71%	(104.97)	7,033.81	215.97	3.17%
10000	8,902.92	9,361.06	458.14	5.15%	(139.96)	9,221.10	318.18	3.57%
12000	10,570.98	11,138.89	567.90	5.37%	(167.95)	10,970.93	399.95	3.78%
14000	12,239.05	12,916.71	677.67	5.54%	(195.95)	12,720.76	481.72	3.94%
16000	13,907.11	14,694.53	787.43	5.66%	(223.94)	14,470.59	563.49	4.05%
20000	17,243.23	18,250.18	1,006.95	5.84%	(279.92)	17,970.26	727.02	4.22%
<u>Average Annual Heating Customer @ 5770 Ccf Per Year</u>								
5770	6,095.79	6,203.45	107.66	1.77%	(80.76)	6,122.69	26.90	0.44%

Weighted Revenue Tax Factor: Delivery 0.00616
Commodity 0.00616

Gas Supply Charge (per Ccf): \$ 0.43963

System Benefits Charge (per Ccf): Present RY 1 Proposed RY 2
\$ (0.00001) \$ (0.00001)

S.C. No. 2, 6 & 13 Base Delivery Rates

Block 1	First 2 Ccf	\$	39.00	\$	39.00
Block 2 per Ccf	Next 98 Ccf	\$	0.6800	\$	0.6185
Block 3 per Ccf	Next 4900 Ccf	\$	0.4753	\$	0.5106
Block 4 per Ccf	Additional	\$	0.3751	\$	0.4265

Merchant Function Charge (per Ccf): MFC Admin \$ 0.00553 \$ 0.00529
MFC Supply \$ 0.01253 \$ 0.01198
Transition Adj. \$ - \$ -

Gas Bill Credit (per Ccf): \$ (0.00389) \$ (0.01391)

In order to only show the impact of base rate increases, bills under proposed rates do not reflect changes to GSC (included at July 1, 2021 first billing batch rates).

Appendix N Sheet 21 of 23

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Average Annual Residential Gas Heating Customer Bill Impact
Rate Year 3 (Twelve Months Ended June 30, 2024)**

	<u>Current RY 2</u>	<u>Proposed RY 3</u>	<u>Current RY 2</u>	<u>Proposed RY 3</u>
	<u>Rates</u>	<u>Rates</u>	<u>Rates</u>	<u>Rates</u>
Block 1 Ccf	24	24	24	24
Block 2 Ccf	471	471	445	445
Block 3 Ccf	<u>375</u>	<u>375</u>	<u>281</u>	<u>281</u>
Total Annual Ccf	870	870	750	750
<u>LOW INCOME</u>				
<u>CHG&E Rates</u>				
Basic Service Charge \$	24.25	\$24.25	\$24.25	\$24.25
Gas Delivery Charges \$/Ccf				
Next	\$1.38900	\$1.36250	\$1.38900	\$1.36250
Next	\$0.81130	\$0.94790	\$0.81130	\$0.94790
System Benefits Charge	(\$0.00001)	(\$0.00001)	(\$0.00001)	(\$0.00001)
MFC Admin Charge	\$0.00545	\$0.00533	\$0.00545	\$0.00533
Transition Adj Charge	\$0.00000	\$0.00000	\$0.00000	\$0.00000
Gas Bill Credit	(\$0.03362)	(\$0.05759)	(\$0.03362)	(\$0.05759)
Gas Supply Charges \$Ccf				
MFC Supply Charge	\$0.01234	\$0.01208	\$0.01234	\$0.01208
Gas Supply Charge	\$0.43963	\$0.43963	\$0.43963	\$0.43963
Rev Tax Factor				
Weighted Rev Tax - Commodity	0.00616	0.00616	0.00616	0.00616
Weighted Rev Tax - Delivery	0.02616	0.02616	0.02616	0.02616
<u>CHG&E Bill</u>				
<u>LOW INCOME</u>				
Gas Delivery Charges:				
Basic Service Charge	\$298.82	\$298.82	\$298.82	\$298.82
Next	\$671.79	\$658.98	\$634.71	\$622.60
Next	\$312.41	\$365.01	\$234.10	\$273.51
System Benefits Charge	(\$0.01)	(\$0.01)	(\$0.01)	(\$0.01)
MFC Admin Charge	\$4.87	\$4.76	\$4.20	\$4.10
Transition Adj Charge	\$0.00	\$0.00	\$0.00	\$0.00
Gas Bill Credit	<u>(\$30.04)</u>	<u>(\$51.45)</u>	<u>(\$25.89)</u>	<u>(\$44.35)</u>
Subtotal Delivery	\$1,257.84	\$1,276.11	\$1,145.92	\$1,154.68
Gas Supply Charges:				
MFC Supply Charge	\$11.02	\$10.79	\$9.50	\$9.30
Gas Supply Charge	<u>\$384.85</u>	<u>\$384.85</u>	<u>\$331.77</u>	<u>\$331.77</u>
Subtotal Energy Supply	\$395.87	\$395.64	\$341.27	\$341.07
Low Income Bill Discount	\$0.00	\$0.00	(\$360.00)	(\$360.00) (Tier 1 Discount)
Total Bill	<u>\$1,653.72</u>	<u>\$1,671.75</u>	<u>\$1,127.19</u>	<u>\$1,135.75</u>
\$ Total Bill Increase w/ Rate Moderation		\$18.03		\$8.55
% Total Bill Increase w/ Rate Moderation		1.09%		0.76%
\$ Total Bill Increase w/out Rate Moderation		\$69.48		\$52.91
% Total Bill Increase w/out Rate Moderation		4.20%		4.69%

Appendix N Sheet 22 of 23

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429

Monthly Typical Bills

Residential

Rate Year 3 (Twelve Months Ended June 30, 2024)

Delivery Only				
Monthly Ccf	Bill at Current RY 2 Rates	Bill at Proposed RY 3 Rates	Over Current	
			Amount	%
2	\$ 24.87	\$ 24.82	\$ (0.05)	-0.2%
4	\$ 27.69	\$ 27.53	\$ (0.15)	-0.6%
6	\$ 30.51	\$ 30.25	\$ (0.26)	-0.8%
8	\$ 33.33	\$ 32.97	\$ (0.36)	-1.1%
10	\$ 36.15	\$ 35.68	\$ (0.47)	-1.3%
15	\$ 43.20	\$ 42.47	\$ (0.73)	-1.7%
20	\$ 50.25	\$ 49.26	\$ (0.99)	-2.0%
25	\$ 57.30	\$ 56.05	\$ (1.25)	-2.2%
30	\$ 64.35	\$ 62.84	\$ (1.51)	-2.3%
35	\$ 71.40	\$ 69.63	\$ (1.77)	-2.5%
40	\$ 78.45	\$ 76.42	\$ (2.03)	-2.6%
50	\$ 92.55	\$ 90.00	\$ (2.56)	-2.8%
60	\$ 100.72	\$ 99.32	\$ (1.40)	-1.4%
80	\$ 117.06	\$ 117.96	\$ 0.90	0.8%
100	\$ 133.39	\$ 136.60	\$ 3.21	2.4%
110	\$ 141.56	\$ 145.92	\$ 4.36	3.1%
130	\$ 157.90	\$ 164.56	\$ 6.66	4.2%
150	\$ 174.24	\$ 183.21	\$ 8.97	5.1%
170	\$ 190.57	\$ 201.85	\$ 11.28	5.9%
200	\$ 215.08	\$ 229.81	\$ 14.73	6.9%
300	\$ 296.76	\$ 323.02	\$ 26.26	8.8%
400	\$ 378.44	\$ 416.23	\$ 37.79	10.0%
500	\$ 460.13	\$ 509.44	\$ 49.31	10.7%
600	\$ 541.81	\$ 602.65	\$ 60.84	11.2%
800	\$ 705.18	\$ 789.07	\$ 83.89	11.9%
1,000	\$ 868.55	\$ 975.49	\$ 106.95	12.3%

Total Bill				
Monthly Ccf	Bill at Current RY 2 Rates	Bill at Proposed RY 3 Rates	Over Current	
			Amount	%
2	\$ 25.75	\$ 25.70	\$ (0.05)	-0.2%
4	\$ 29.46	\$ 29.30	\$ (0.15)	-0.5%
6	\$ 33.16	\$ 32.90	\$ (0.26)	-0.8%
8	\$ 36.87	\$ 36.50	\$ (0.36)	-1.0%
10	\$ 40.57	\$ 40.11	\$ (0.47)	-1.2%
15	\$ 49.83	\$ 49.11	\$ (0.73)	-1.5%
20	\$ 59.10	\$ 58.11	\$ (0.99)	-1.7%
25	\$ 68.36	\$ 67.11	\$ (1.25)	-1.8%
30	\$ 77.62	\$ 76.11	\$ (1.51)	-1.9%
35	\$ 86.88	\$ 85.11	\$ (1.77)	-2.0%
40	\$ 96.14	\$ 94.11	\$ (2.03)	-2.1%
50	\$ 114.67	\$ 112.11	\$ (2.56)	-2.2%
60	\$ 127.26	\$ 125.86	\$ (1.40)	-1.1%
80	\$ 152.44	\$ 153.35	\$ 0.90	0.6%
100	\$ 177.63	\$ 180.83	\$ 3.21	1.8%
110	\$ 190.22	\$ 194.58	\$ 4.36	2.3%
130	\$ 215.40	\$ 222.07	\$ 6.66	3.1%
150	\$ 240.59	\$ 249.56	\$ 8.97	3.7%
170	\$ 265.77	\$ 277.05	\$ 11.28	4.2%
200	\$ 303.55	\$ 318.28	\$ 14.73	4.9%
300	\$ 429.46	\$ 455.72	\$ 26.26	6.1%
400	\$ 555.38	\$ 593.17	\$ 37.79	6.8%
500	\$ 681.30	\$ 730.61	\$ 49.31	7.2%
600	\$ 807.22	\$ 868.06	\$ 60.84	7.5%
800	\$ 1,059.05	\$ 1,142.95	\$ 83.89	7.9%
1,000	\$ 1,310.89	\$ 1,417.84	\$ 106.95	8.2%

Number of Customers			
Total Customers		Low Income Customers	
Jan-20	Jul-20	Jan-20	Jul-20
3,233	11,327	113	635
1,107	4,204	72	239
761	4,283	66	231
589	4,735	38	263
565	5,154	35	267
1,499	12,593	106	587
1,401	9,711	114	475
1,271	6,956	120	338
1,255	4,663	101	249
1,205	3,002	108	174
1,131	1,875	86	102
2,332	1,933	183	126
2,435	855	202	66
5,265	657	332	41
6,129	198	335	15
3,390	86	194	4
7,117	81	356	5
6,976	52	316	3
6,037	43	287	1
6,967	34	326	0
9,494	39	532	2
2,039	31	160	1
512	8	35	2
160	4	16	0
102	0	11	0
16	0	4	0

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Commercial Gas Bills Impacts
Rate Year 3 (Twelve Months Ended June 30, 2024)

Monthly Usage Ccf	Without Rate Moderation				With Rate Moderation			
	Present RY 2	Proposed RY 3	Delivery	%	Gas	Proposed RY 3	Delivery	
	Monthly Bill	Monthly Bill	\$ Increase	Increase	Bill Credit	Monthly Bill	\$ Increase	% Increase
2	\$ 40.13	\$ 40.16	\$ 0.03	0.07%	\$ (0.05)	\$ 40.11	\$ (0.02)	-0.05%
10	48.68	48.35	(0.33)	-0.67%	(0.24)	48.11	(0.57)	-1.16%
30	70.04	68.82	(1.22)	-1.74%	(0.71)	68.11	(1.93)	-2.76%
50	91.40	89.29	(2.10)	-2.30%	(1.19)	88.11	(3.29)	-3.60%
100	144.80	140.48	(4.33)	-2.99%	(2.38)	138.10	(6.70)	-4.63%
150	192.78	190.70	(2.07)	-1.08%	(3.57)	187.14	(5.64)	-2.93%
200	240.75	240.93	0.18	0.07%	(4.76)	236.18	(4.58)	-1.90%
250	288.73	291.16	2.43	0.84%	(5.94)	285.21	(3.52)	-1.22%
300	336.71	341.39	4.68	1.39%	(7.13)	334.25	(2.46)	-0.73%
400	432.66	441.84	9.18	2.12%	(9.51)	432.33	(0.33)	-0.08%
500	528.62	542.30	13.68	2.59%	(11.89)	530.41	1.79	0.34%
600	624.57	642.75	18.18	2.91%	(14.27)	628.48	3.92	0.63%
800	816.48	843.66	27.18	3.33%	(19.02)	824.64	8.16	1.00%
1000	1,008.38	1,044.57	36.19	3.59%	(23.78)	1,020.79	12.41	1.23%
1500	1,488.15	1,546.84	58.69	3.94%	(35.66)	1,511.18	23.03	1.55%
2000	1,967.92	2,049.12	81.20	4.13%	(47.55)	2,001.57	33.65	1.71%
3000	2,927.45	3,053.67	126.21	4.31%	(71.33)	2,982.34	54.88	1.87%
5000	4,846.53	5,062.77	216.24	4.46%	(118.88)	4,943.88	97.36	2.01%
7500	7,033.81	7,419.46	385.65	5.48%	(178.32)	7,241.14	207.32	2.95%
10000	9,221.10	9,776.15	555.05	6.02%	(237.76)	9,538.39	317.29	3.44%
12000	10,970.93	11,661.51	690.57	6.29%	(285.32)	11,376.19	405.26	3.69%
14000	12,720.76	13,546.86	826.10	6.49%	(332.87)	13,213.99	493.23	3.88%
16000	14,470.59	15,432.22	961.62	6.65%	(380.42)	15,051.79	581.20	4.02%
20000	17,970.26	19,202.93	1,232.67	6.86%	(475.53)	18,727.40	757.14	4.21%
Average Annual Heating Customer @ 5770 Ccf Per Year								
5770	6,122.69	6,276.50	153.81	2.51%	(137.19)	6,139.31	16.62	0.27%

In order to only show the impact of base rate increases, bills under proposed rates do not reflect changes to GSC (included at July 1, 2021 first billing batch rates).

Appendix O Sheet 1 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric RDM Targets**

		12 Months Ending Jun-22 <u>Rate Year 1</u>	12 Months Ending Jun-23 <u>Rate Year 2</u>	12 Months Ending Jun-24 <u>Rate Year 3</u>
S.C. No. 1	Customer Months kWh	3,143,133 2,104,509,021	3,150,561 2,117,073,758	3,162,302 2,132,701,257
S.C. No. 2 - Non-Demand	Revenue	\$ 266,207,230	\$ 280,785,960	\$ 296,560,630
	Customer Months kWh	374,433 166,748,408	376,258 173,428,967	377,667 178,305,563
S.C. No. 2 - Secondary	Revenue	\$ 22,367,030	\$ 24,002,850	\$ 25,608,690
	Customer Months kWh	143,133 1,378,417,798	143,775 1,426,654,987	144,270 1,462,158,328
	kW	4,388,495	4,542,857	4,656,453
S.C. No. 2 - Primary	Revenue	\$ 73,112,406	\$ 78,650,040	\$ 83,979,040
	Customer Months kWh	1,788 204,699,768	1,792 209,466,050	1,795 212,917,547
	kW	523,456	535,734	544,684
S.C. No. 3	Revenue	\$ 5,953,095	\$ 6,307,516	\$ 6,642,658
	Customer Months kWh	437 293,729,959	437 300,449,125	437 305,315,496
	kW	668,152	683,481	694,595
	Revenue	\$ 8,831,029	\$ 9,362,050	\$ 9,859,840
S.C. No. 5	Customer Months kWh	47,536 11,180,000	47,536 11,180,000	47,536 11,180,000
	Revenue	\$ 2,029,400	\$ 2,129,840	\$ 2,236,880
S.C. No. 6	Customer Months kWh	11,520 16,990,000	11,520 16,990,000	11,520 16,990,000
	Revenue	\$ 1,417,330	\$ 1,555,380	\$ 1,627,930
S.C. No. 8	Customer Months kWh	2,520 12,070,000	2,520 12,070,000	2,520 12,070,000
	Revenue	\$ 5,141,312	\$ 5,404,552	\$ 5,682,280
S.C. No. 13 -Substation	Customer Months kWh	84 112,620,000	84 112,620,000	84 112,620,000
	kW	205,259	205,259	205,259
	Revenue	\$ 2,497,519	\$ 2,639,690	\$ 2,731,720
S.C. No. 13- Transmission	Customer Months kWh	72 649,170,000	72 649,170,000	72 649,170,000
	kW	1,063,032	1,063,032	1,063,032
	Revenue	\$ 6,746,590	\$ 7,123,760	\$ 7,228,660
RDM Revenue Target		\$ 394,302,941	\$ 417,961,638	\$ 442,158,328

Note: Revenues are derived from customer charges, base rate energy delivery charges, base rate demand delivery charges and Merchant Function Charges

Appendix O Sheet 2 of 16

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric RDM Targets
Rate Year 1 (Twelve Months Ended June 30, 2022)

	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	Total
Service Classification No. 1													
Customer Months	261,662	260,308	261,103	259,388	259,969	265,395	263,613	259,698	266,822	261,810	261,616	261,749	3,143,133
MWh	187,362	200,284	179,932	141,890	147,621	188,532	216,794	194,873	173,175	163,251	146,100	164,693	2,104,509
Revenue	\$ 23,345,820	\$ 24,577,620	\$ 22,611,680	\$ 18,873,880	\$ 19,443,310	\$ 23,532,530	\$ 26,249,730	\$ 24,038,870	\$ 22,065,100	\$ 21,001,190	\$ 19,327,220	\$ 21,140,280	\$ 266,207,230
Service Classification No. 2													
Nondemand													
Customer Months	30,907	30,837	30,816	31,230	31,329	32,125	31,125	30,592	31,647	31,201	31,288	31,336	374,433
MWh	13,357	13,784	12,852	11,585	12,501	15,443	17,712	16,725	14,734	13,612	12,599	11,844	166,748
Revenue	\$ 1,819,560	\$ 1,845,450	\$ 1,783,620	\$ 1,713,070	\$ 1,776,150	\$ 1,993,650	\$ 2,112,100	\$ 2,030,950	\$ 1,932,490	\$ 1,845,280	\$ 1,781,440	\$ 1,733,270	\$ 22,367,030
Primary													
Customer Months	146	150	148	148	148	149	148	151	146	151	150	153	1,788
MWh	17,939	18,159	17,478	16,855	16,503	17,086	18,235	17,175	16,496	15,891	15,868	17,015	204,700
kW	57,869	44,291	45,995	44,356	41,257	40,681	41,442	39,941	40,235	39,727	42,886	44,776	523,456
Revenue	\$ 630,480	\$ 507,800	\$ 519,670	\$ 502,310	\$ 471,940	\$ 466,840	\$ 476,670	\$ 460,565	\$ 461,125	\$ 458,385	\$ 488,220	\$ 509,090	\$ 5,953,095
Secondary													
Customer Months	11,821	11,872	11,812	11,889	11,800	11,929	11,893	11,790	12,220	12,041	12,050	12,016	143,133
MWh	126,774	128,039	121,852	107,409	104,505	112,609	122,600	120,931	109,903	105,393	104,470	113,934	1,378,418
kW	437,153	387,997	393,070	376,873	348,349	331,203	350,285	345,516	343,446	334,581	360,242	379,780	4,388,495
Revenue	\$ 6,993,889	\$ 6,415,459	\$ 6,440,119	\$ 6,190,209	\$ 5,823,769	\$ 5,667,699	\$ 5,937,599	\$ 5,862,729	\$ 5,830,639	\$ 5,689,039	\$ 5,993,909	\$ 6,267,349	\$ 73,112,406
Service Classification No. 3													
Customer Months	36	36	36	37	37	37	36	37	36	37	36	36	437
MWh	27,124	27,117	25,253	24,468	24,186	25,390	24,100	21,969	23,580	22,365	23,688	24,490	293,730
kW	60,954	60,260	60,852	56,903	58,279	57,704	51,277	49,929	49,124	50,829	55,088	56,953	668,152
Revenue	\$ 798,319	\$ 789,859	\$ 796,609	\$ 752,079	\$ 768,099	\$ 760,109	\$ 680,859	\$ 667,549	\$ 656,729	\$ 680,679	\$ 729,149	\$ 750,989	\$ 8,831,029
Service Classification No. 5													
Customer Months	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	47,536
MWh	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Revenue	\$ 166,340	\$ 167,490	\$ 168,630	\$ 170,520	\$ 171,620	\$ 173,150	\$ 172,390	\$ 169,750	\$ 169,350	\$ 167,860	\$ 166,710	\$ 165,590	\$ 2,029,400
Service Classification No. 6													
Customer Months	970	950	970	950	970	950	970	950	970	950	970	950	11,520
MWh	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Revenue	\$ 111,800	\$ 108,620	\$ 111,810	\$ 92,960	\$ 96,790	\$ 144,760	\$ 154,750	\$ 141,340	\$ 144,520	\$ 111,360	\$ 92,730	\$ 105,890	\$ 1,417,330
Service Classification No. 8													
Customer Months	210	210	210	210	210	210	210	210	210	210	210	210	2,520
MWh	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Revenue	\$ 428,300	\$ 428,360	\$ 428,420	\$ 428,520	\$ 428,580	\$ 428,660	\$ 428,610	\$ 428,470	\$ 428,450	\$ 428,370	\$ 428,310	\$ 428,260	\$ 5,141,312
Service Classification No. 13													
Substation													
Customer Months	7	7	7	7	7	7	7	7	7	7	7	7	84
MWh	10,150	10,200	9,020	9,310	9,110	9,020	9,960	8,730	9,400	8,960	9,430	9,330	112,620
kV	18,485	18,616	17,917	17,558	16,241	16,317	17,099	16,241	16,592	16,052	17,322	16,819	205,259
Revenue	\$ 222,102	\$ 223,752	\$ 216,152	\$ 212,472	\$ 199,702	\$ 200,462	\$ 207,592	\$ 199,092	\$ 202,692	\$ 198,182	\$ 209,962	\$ 205,362	\$ 2,497,519
Service Classification No. 13													
Transmission													
Customer Months	6	6	6	6	6	6	6	6	6	6	6	6	72
MWh	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
kV	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Revenue	\$ 619,750	\$ 605,160	\$ 597,640	\$ 580,970	\$ 544,250	\$ 533,480	\$ 509,300	\$ 492,760	\$ 535,990	\$ 563,390	\$ 575,240	\$ 588,660	\$ 6,746,590
Total RDM Revenue Target	\$ 35,136,360	\$ 35,669,570	\$ 33,674,350	\$ 29,516,990	\$ 29,724,210	\$ 33,901,340	\$ 36,929,600	\$ 34,492,075	\$ 32,427,085	\$ 31,143,735	\$ 29,792,890	\$ 31,894,740	\$ 394,302,941

Appendix O Sheet 3 of 16

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric RDM Targets
Rate Year 2 (Twelve Months Ended June 30, 2023)

	July 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	Total
Service Classification No. 1													
Customer Months	261,940	260,585	261,381	259,928	260,511	265,947	264,330	260,405	267,548	262,747	262,553	262,686	3,150,561
MWh	187,735	200,707	180,258	142,995	148,769	189,999	218,424	196,336	174,476	164,402	147,125	165,848	2,117,074
Revenue	\$ 24,559,070	\$ 25,876,550	\$ 23,773,480	\$ 19,884,320	\$ 20,493,870	\$ 24,871,860	\$ 27,785,460	\$ 25,420,210	\$ 23,294,800	\$ 22,157,270	\$ 20,363,300	\$ 22,305,770	\$ 280,785,960
Service Classification No. 2													
Nondemand													
Customer Months	31,041	30,970	30,949	31,403	31,503	32,303	31,269	30,733	31,792	31,358	31,445	31,493	376,258
MWh	13,952	14,398	13,421	12,031	12,983	16,034	18,304	17,280	15,230	14,234	13,176	12,387	173,429
Revenue	\$ 1,954,500	\$ 1,984,580	\$ 1,913,410	\$ 1,826,790	\$ 1,898,610	\$ 2,143,360	\$ 2,275,810	\$ 2,185,460	\$ 2,069,710	\$ 1,984,430	\$ 1,910,890	\$ 1,855,300	\$ 24,002,850
Primary													
Customer Months	146	150	148	148	148	150	148	151	147	151	151	154	1,792
MWh	18,409	18,631	17,930	17,234	16,855	17,463	18,596	17,496	16,809	16,296	16,286	17,460	209,466
kW	59,382	45,443	47,184	45,353	42,138	41,579	42,264	40,689	40,997	40,740	44,017	45,946	535,734
Revenue	\$ 669,123	\$ 538,833	\$ 552,063	\$ 531,293	\$ 499,453	\$ 494,173	\$ 503,813	\$ 486,373	\$ 486,873	\$ 486,593	\$ 518,423	\$ 540,503	\$ 6,307,516
Secondary													
Customer Months	11,868	11,919	11,859	11,950	11,860	11,989	11,944	11,840	12,272	12,096	12,106	12,072	143,775
MWh	131,735	133,042	126,566	110,944	107,935	116,250	126,149	124,375	113,047	109,533	108,596	118,484	1,426,655
kW	454,260	403,156	408,278	389,279	359,783	341,911	360,426	355,356	353,271	347,723	374,468	394,947	4,542,857
Revenue	\$ 7,539,370	\$ 6,919,570	\$ 6,943,430	\$ 6,646,740	\$ 6,255,860	\$ 6,088,280	\$ 6,358,700	\$ 6,276,050	\$ 6,243,670	\$ 6,142,450	\$ 6,469,870	\$ 6,766,050	\$ 78,650,040
Service Classification No. 3													
Customer Months	36	36	36	37	37	37	36	37	36	37	36	36	437
MWh	27,811	27,787	25,889	24,999	24,714	25,960	24,547	22,375	24,002	22,929	24,305	25,131	300,449
kW	62,497	61,749	62,383	58,137	59,552	58,999	52,228	50,852	50,005	52,111	56,523	58,445	683,481
Revenue	\$ 847,760	\$ 838,370	\$ 845,840	\$ 796,380	\$ 813,400	\$ 805,440	\$ 719,330	\$ 705,370	\$ 693,560	\$ 723,280	\$ 775,040	\$ 798,280	\$ 9,362,050
Service Classification No. 5													
Customer Months	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	47,536
MWh	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Revenue	\$ 174,710	\$ 175,860	\$ 177,000	\$ 178,890	\$ 179,990	\$ 181,520	\$ 180,760	\$ 178,120	\$ 177,720	\$ 176,230	\$ 175,080	\$ 173,960	\$ 2,129,840
Service Classification No. 6													
Customer Months	970	950	970	950	970	950	970	950	970	950	970	950	11,520
MWh	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Revenue	\$ 122,530	\$ 119,020	\$ 122,520	\$ 101,480	\$ 105,750	\$ 159,460	\$ 170,590	\$ 155,650	\$ 159,150	\$ 122,080	\$ 101,170	\$ 115,980	\$ 1,555,380
Service Classification No. 8													
Customer Months	210	210	210	210	210	210	210	210	210	210	210	210	2,520
MWh	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Revenue	\$ 450,234	\$ 450,295	\$ 450,356	\$ 450,457	\$ 450,518	\$ 450,599	\$ 450,544	\$ 450,405	\$ 450,386	\$ 450,307	\$ 450,248	\$ 450,199	\$ 5,404,552
Service Classification No. 13													
Substation													
Customer Months	7	7	7	7	7	7	7	7	7	7	7	7	84
MWh	10,150	10,200	9,020	9,310	9,110	9,020	9,960	8,730	9,400	8,960	9,430	9,330	112,620
kV	18,485	18,616	17,917	17,558	16,241	16,317	17,099	16,241	16,592	16,052	17,322	16,819	205,259
Revenue	\$ 234,190	\$ 235,870	\$ 228,150	\$ 224,400	\$ 211,400	\$ 212,170	\$ 219,430	\$ 210,790	\$ 214,450	\$ 209,840	\$ 221,850	\$ 217,150	\$ 2,639,690
Service Classification No. 13													
Transmission													
Customer Months	6	6	6	6	6	6	6	6	6	6	6	6	72
MWh	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
kW	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Revenue	\$ 651,660	\$ 636,950	\$ 629,370	\$ 612,550	\$ 575,530	\$ 564,670	\$ 540,290	\$ 523,620	\$ 567,200	\$ 594,830	\$ 606,780	\$ 620,310	\$ 7,123,760
Total RDM Revenue Target	\$ 37,203,147	\$ 37,775,898	\$ 35,635,619	\$ 31,253,300	\$ 31,484,381	\$ 35,971,532	\$ 39,204,727	\$ 36,592,048	\$ 34,357,519	\$ 33,047,310	\$ 31,592,651	\$ 33,843,502	\$ 417,961,638

Appendix O Sheet 4 of 16

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric RDM Targets
Rate Year 3 (Twelve Months Ended June 30, 2024)

	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	Total
Service Classification No. 1													
Customer Months	262,956	261,595	262,393	260,914	261,499	266,957	265,300	261,360	268,529	263,685	263,490	263,624	3,162,302
MWh	188,615	201,668	181,074	144,297	150,121	191,727	220,266	197,991	175,947	165,651	148,240	167,105	2,132,701
Revenue	\$ 25,901,590	\$ 27,312,660	\$ 25,060,260	\$ 20,980,730	\$ 21,633,520	\$ 26,322,560	\$ 29,433,530	\$ 26,903,320	\$ 24,615,200	\$ 23,386,720	\$ 21,465,070	\$ 23,545,470	\$ 296,560,630
Service Classification No. 2													
Nondemand													
Customer Months	31,186	31,115	31,095	31,540	31,640	32,444	31,375	30,837	31,900	31,437	31,525	31,573	377,667
MWh	14,523	14,987	13,968	12,403	13,385	16,528	18,693	17,645	15,556	14,527	13,448	12,643	178,306
Revenue	\$ 2,098,810	\$ 2,133,320	\$ 2,052,120	\$ 1,942,060	\$ 2,022,720	\$ 2,295,580	\$ 2,434,060	\$ 2,334,810	\$ 2,202,180	\$ 2,106,750	\$ 2,024,290	\$ 1,961,990	\$ 25,608,690
Primary													
Customer Months	146	150	149	149	148	150	148	151	147	152	151	154	1,795
MWh	18,854	19,080	18,358	17,545	17,145	17,773	18,828	17,702	17,009	16,482	16,478	17,664	212,918
kW	60,819	46,536	48,311	46,172	42,861	42,317	42,791	41,167	41,485	41,204	44,536	46,483	544,684
Revenue	\$ 708,219	\$ 571,169	\$ 584,629	\$ 560,419	\$ 526,139	\$ 520,929	\$ 529,179	\$ 510,229	\$ 510,749	\$ 510,279	\$ 544,049	\$ 566,669	\$ 6,642,658
Secondary													
Customer Months	11,919	11,971	11,910	11,998	11,908	12,037	11,981	11,877	12,310	12,125	12,134	12,100	144,270
MWh	136,488	137,834	131,082	113,886	110,788	119,275	128,467	126,622	115,099	111,472	110,529	120,617	1,462,158
kW	470,647	417,679	422,845	399,599	369,293	350,809	367,049	361,777	359,683	353,878	381,135	402,058	4,656,453
Revenue	\$ 8,115,010	\$ 7,451,420	\$ 7,474,460	\$ 7,105,130	\$ 6,689,290	\$ 6,510,570	\$ 6,755,960	\$ 6,667,240	\$ 6,635,060	\$ 6,523,870	\$ 6,869,010	\$ 7,182,020	\$ 83,979,040
Service Classification No. 3													
Customer Months	36	36	36	37	37	37	36	37	36	37	36	36	437
MWh	28,462	28,421	26,490	25,434	25,147	26,427	24,831	22,633	24,271	23,186	24,587	25,425	305,315
kW	63,959	63,158	63,832	59,149	60,595	60,062	52,833	51,440	50,564	52,695	57,180	59,129	694,595
Revenue	\$ 898,750	\$ 888,310	\$ 896,610	\$ 839,570	\$ 857,670	\$ 849,660	\$ 754,360	\$ 739,590	\$ 726,940	\$ 758,090	\$ 812,890	\$ 837,400	\$ 9,859,840
Service Classification No. 5													
Customer Months	3,961	3,972	3,925	3,954	3,963	3,977	3,967	3,926	4,005	3,995	3,921	3,970	47,536
MWh	730	820	900	1,040	1,130	1,240	1,160	970	940	830	750	670	11,180
Revenue	\$ 183,630	\$ 184,780	\$ 185,920	\$ 187,810	\$ 188,910	\$ 190,440	\$ 189,680	\$ 187,040	\$ 186,640	\$ 185,150	\$ 184,000	\$ 182,880	\$ 2,236,880
Service Classification No. 6													
Customer Months	970	950	970	950	970	950	970	950	970	950	970	950	11,520
MWh	1,320	1,280	1,320	1,050	1,100	1,810	1,950	1,760	1,800	1,320	1,040	1,240	16,990
Revenue	\$ 128,170	\$ 124,480	\$ 128,160	\$ 105,970	\$ 110,440	\$ 167,190	\$ 178,920	\$ 163,160	\$ 166,830	\$ 127,720	\$ 105,620	\$ 121,270	\$ 1,627,930
Service Classification No. 8													
Customer Months	210	210	210	210	210	210	210	210	210	210	210	210	2,520
MWh	790	880	970	1,120	1,210	1,340	1,260	1,050	1,020	900	810	720	12,070
Revenue	\$ 473,378	\$ 473,439	\$ 473,500	\$ 473,601	\$ 473,662	\$ 473,743	\$ 473,688	\$ 473,549	\$ 473,530	\$ 473,451	\$ 473,392	\$ 473,343	\$ 5,682,280
Service Classification No. 13													
Substation													
Customer Months	7	7	7	7	7	7	7	7	7	7	7	7	84
MWh	10,150	10,200	9,020	9,310	9,110	9,020	9,960	8,730	9,400	8,960	9,430	9,330	112,620
kW	18,485	18,616	17,917	17,558	16,241	16,317	17,099	16,241	16,592	16,052	17,322	16,819	205,259
Revenue	\$ 241,970	\$ 243,660	\$ 235,880	\$ 232,100	\$ 219,000	\$ 219,770	\$ 227,100	\$ 218,390	\$ 222,080	\$ 217,430	\$ 229,540	\$ 224,800	\$ 2,731,720
Service Classification No. 13													
Transmission													
Customer Months	6	6	6	6	6	6	6	6	6	6	6	6	72
MWh	61,050	60,470	56,030	54,970	50,920	51,170	50,650	45,870	51,610	53,230	56,730	56,470	649,170
kW	98,219	95,763	94,473	91,748	85,564	83,665	79,824	77,165	84,189	88,729	90,717	92,976	1,063,032
Revenue	\$ 660,110	\$ 645,480	\$ 637,930	\$ 621,200	\$ 584,370	\$ 573,560	\$ 549,290	\$ 532,700	\$ 576,070	\$ 603,570	\$ 615,460	\$ 628,920	\$ 7,228,660
Total RDM Revenue Target	\$ 39,409,637	\$ 40,028,718	\$ 37,729,469	\$ 33,048,590	\$ 33,305,721	\$ 38,124,002	\$ 41,525,767	\$ 38,730,028	\$ 36,315,279	\$ 34,893,030	\$ 33,323,321	\$ 35,724,762	\$ 442,158,328

Appendix O Sheet 5 of 16

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Electric SC 13 RDM Mechanics

Effective July 1, 2021 the RDM Adjustment will be expanded to include Service Classification No. 13. Delivery revenue targets will be determined for S.C. 13 Substation and Transmission combined with monthly revenue excess/shortfalls determined as follows:

- The RDM would exclude from reconciliations revenue losses/gains associated with the loss/gain of any S.C. 13 customers (including intermittent billing of electric generators not included in forecast);
- The RDM would exclude from reconciliations revenue losses/gains associated with the significant decline/increase in electric demand of any S.C. 13 customers. For purposes hereof, "significant decline/increase" would be defined as a reduction/increase of 40% or more in a customer's billed demand as compared to the forecast presented in Appendix []. A customer would be excluded from RDM reconciliation if the demand varied by 40% or more over the course of the 6-month RDM reconciliation period;
- A 5% deadband will be established around adjusted monthly S.C. 13 RDM targets within which no monthly reconciliations will be made;
- Monthly S.C. 13 RDM revenue excess/shortfalls outside the 5% deadband shall be limited to 2.5% of the adjusted S.C. 13 target. Monthly amounts in excess of the 2.5% cap are eligible to be carried over to a subsequent month during the term of the rate plan to the extent the carry over does not exceed the 2.5% cap in that month; and
- Actual and target S.C. 13 delivery revenue subject to the RDM shall be exclusive of EE credits.

For purposes of determining semi-annual RDM Adjustment factors, revenue excess/shortfalls for S.C. Nos. 3 and 13 will be combined to determine a single RDM Adjustment factor applicable to both classes assessed on a per-kW basis. The per-kW rate will appear on the RDM statement but for billing purposes will be assessed through the MISC II rate and as such will not be separately identified as RDM on customers' bills and will be further subject to the following:

- The existing RDM line item on SC 3 customers' bills will be eliminated as the recovery/passback of RDM amounts moves to the MISC II;
- For SC 3 customers billed mid-month (i.e. 1/16 – 2/15), the RDM recovery/passback in the first month of the new combined RDM factors (i.e., February 2022) will appear prorated in both the existing RDM line item (assessed on a per-kWh basis for periods prior to February 1) and the MISC II line item (assessed on a per-kW basis for periods on and after February 1). The prorated amounts will represent the period of time covered by the billing period (i.e. 0.5 months) multiplied by the total kWh or kW billed during the time period; and,
- Given that a single factor would be developed for S.C. Nos. 3 & 13, any prior period unreconciled S. C. 3 balance will be reflected in a subsequent combined SC 3/13 RDM factor.

Appendix O Sheet 6 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Electric SC 13 RDM Example

	Example Customer 1	Example Customer 2	Example Customer 3	Example Customer 4	Example Month 1 Total	Example Month 2	Example Month 3	Example Month 4	Example Month 5	Example Month 6	Total 6 Months
A Target											
kW	25,562	500	901	-							
Revenue	\$ 190,490	\$ 12,550	\$ 15,518	\$ -	\$ 218,558						
B Actual											
kW	23,457	-	500	750							
Revenue	\$ 175,545	\$ -	\$ 11,015	\$ 13,823	\$ 200,382						
C SC 13 Lost/Gained Customer Excluded from Reconciliation:	N	Y	N	Y							
Exclusion from Target	\$ -	\$ 12,550	\$ -	\$ -							
Exclusion from Actual	\$ -	\$ -	\$ -	\$ 13,823							
D SC 13 Change in Billed Demand of >= 40%	N	N	Y	N							
Exclusion from Target	\$ -	\$ -	\$ 15,518	\$ -							
Exclusion from Actual	\$ -	\$ -	\$ 11,015	\$ -							
E SC 13 Adjusted Target (A - C - D)	\$ 190,490	\$ -	\$ -	\$ -	\$ 190,490	\$ 650,000	\$ 670,000	\$ 625,000	\$ 635,000	\$ 665,000	
F SC 13 Adjusted Actual (B - C - D)	\$ 175,545	\$ -	\$ -	\$ -	\$ 175,545	\$ 615,000	\$ 665,000	\$ 690,000	\$ 680,000	\$ 675,000	
G 5% Deadband Applied to Adjusted SC 13 Target (E*1.05; E*0.95)				Upper	\$ 200,015	\$ 682,500	\$ 703,500	\$ 656,250	\$ 666,750	\$ 698,250	
				Lower	\$ 180,966	\$ 617,500	\$ 636,500	\$ 593,750	\$ 603,250	\$ 631,750	
H SC 13 Over/(Under) Outside 5% Deadband (F - G)					\$ (5,421)	\$ (2,500)	\$ -	\$ 33,750	\$ 13,250	\$ -	\$ 39,079
I SC 13 Monthly Over/(Under) as % of Adjusted Target					-2.8%	-0.4%	0.0%	5.4%	2.1%	0.0%	
J											
SC 13 Constrained to 2.5% Monthly Over/(Under)					\$ (4,762)	\$ (2,500)	\$ -	\$ 15,625	\$ 13,250	\$ -	\$ 21,613
Carryover of Prior Month Over/(Under) Outside 2.5% Constraint					\$ -	\$ (659)	\$ -	\$ -	\$ 2,625	\$ 15,500	\$ 17,466
Current + Prior Month Over/(Under)					\$ (4,762)	\$ (3,159)	\$ -	\$ 15,625	\$ 15,875	\$ 15,500	\$ 39,079
					-2.5%	-0.5%	0.0%	2.5%	2.5%	2.3%	

Appendix O Sheet 7 of 16

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Gas RDM Targets

S.C. Nos. 1 & 12

	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
Revenue Forecast*	\$ 77,871,400	\$ 83,132,720	\$ 88,829,840
Customer Forecast	72,693	74,056	75,485
Mcf	5,891,223	6,001,527	6,133,723

S.C. Nos. 2, 6, 11 & 13

	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
Revenue Forecast*	\$ 44,185,380	\$ 48,198,698	\$ 51,805,393
Customer Forecast	12,607	12,840	13,065
Mcf	9,713,031	10,061,964	10,301,037

*Base revenue excluding MFC revenue

**Please refer to sum of monthly values shown on Appendix O Sheet 8-10.

Appendix O Sheet 8 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 1 (Twelve Months Ended June 30, 2022) RDM Targets**

S.C. Nos. 1 & 12

	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Jun-22</u>	<u>Total</u>
Revenue Forecast*	\$ 3,060,360	\$ 2,933,890	\$ 2,955,740	\$ 3,757,700	\$ 5,825,970	\$ 8,350,430	\$ 10,497,340	\$ 11,060,980	\$ 10,085,730	\$ 8,646,300	\$ 6,338,710	\$ 4,358,250	\$ 77,871,400
Customer Forecast	72,107	72,187	72,308	72,421	72,533	72,645	72,752	72,855	72,964	73,074	73,181	73,291	72,693
Mcf	136,251	122,914	124,879	207,893	422,441	684,373	907,101	965,387	863,813	714,023	474,067	268,081	5,891,223

S.C. Nos. 2, 6, & 13

Revenue Forecast*	\$ 1,704,790	\$ 1,559,390	\$ 1,764,450	\$ 2,013,340	\$ 3,204,930	\$ 4,561,220	\$ 5,470,420	\$ 5,621,450	\$ 5,134,130	\$ 4,245,650	\$ 2,888,350	\$ 1,975,450	\$ 40,143,570
Customer Forecast	12,409	12,305	12,341	12,338	12,456	12,813	12,809	12,693	12,866	12,861	12,664	12,650	12,600
Mcf	281,427	251,213	294,747	347,972	601,694	888,627	1,083,010	1,116,259	1,010,650	820,776	532,291	337,274	7,565,940

S.C. No. 11

Revenue Forecast	\$ 325,343	\$ 325,563	\$ 324,263	\$ 330,603	\$ 341,683	\$ 350,863	\$ 357,263	\$ 350,463	\$ 348,193	\$ 335,373	\$ 327,973	\$ 324,233	\$ 4,041,810
Customer Forecast	7	7	7	7	7	7	7	7	7	7	7	7	7
Mcf	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091

*Base revenue excluding MFC revenue

Appendix O Sheet 9 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 2 (Twelve Months Ended June 30, 2023) RDM Targets**

S.C. Nos. 1 & 12

	<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Total</u>
Revenue Forecast*	\$ 3,286,500	\$ 3,017,650	\$ 3,137,920	\$ 4,024,350	\$ 6,235,640	\$ 8,925,100	\$ 11,213,070	\$ 11,814,340	\$ 10,775,520	\$ 9,242,430	\$ 6,784,350	\$ 4,675,850	\$ 83,132,720
Customer Forecast	73,407	73,509	73,643	73,761	73,880	74,002	74,119	74,232	74,349	74,473	74,589	74,705	74,056
Mcf	146,805	120,363	131,768	217,877	433,096	694,911	917,612	975,934	874,416	724,719	484,892	279,134	6,001,527

S.C. Nos. 2, 6, & 13

Revenue Forecast*	\$ 1,967,630	\$ 1,824,350	\$ 2,011,930	\$ 2,267,010	\$ 3,513,760	\$ 4,941,090	\$ 5,886,030	\$ 6,044,510	\$ 5,525,860	\$ 4,579,410	\$ 3,140,430	\$ 2,175,110	\$ 43,877,120
Customer Forecast	12,642	12,537	12,573	12,569	12,689	13,045	13,041	12,924	13,100	13,093	12,897	12,883	12,833
Mcf	321,386	293,392	330,839	382,176	632,003	916,302	1,106,398	1,139,197	1,033,493	843,181	555,279	361,227	7,914,873

S.C. No. 11

Revenue Forecast	\$ 347,394	\$ 347,604	\$ 346,174	\$ 353,334	\$ 365,644	\$ 375,784	\$ 382,834	\$ 375,344	\$ 372,704	\$ 358,504	\$ 350,204	\$ 346,054	\$ 4,321,578
Customer Forecast	7	7	7	7	7	7	7	7	7	7	7	7	7
Mcf	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091

*Base revenue excluding MFC revenue

Appendix O Sheet 10 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 3 (Twelve Months Ended June 30, 2024) RDM Targets**

S.C. Nos. 1 & 12

	<u>Jul-23</u>	<u>Aug-23</u>	<u>Sep-23</u>	<u>Oct-23</u>	<u>Nov-23</u>	<u>Dec-23</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Total</u>
Revenue Forecast*	\$ 3,540,140	\$ 3,256,140	\$ 3,385,000	\$ 4,327,640	\$ 6,673,100	\$ 9,525,060	\$ 11,953,650	\$ 12,586,470	\$ 11,482,820	\$ 9,853,790	\$ 7,242,520	\$ 5,003,510	\$ 88,829,840
Customer Forecast	74,826	74,935	75,067	75,188	75,306	75,429	75,546	75,662	75,783	75,906	76,023	76,146	75,485
Mcf	158,297	132,004	143,536	229,737	444,634	705,972	928,510	986,301	884,782	735,078	495,272	289,600	6,133,723

S.C. Nos. 2, 6, & 13

Revenue Forecast*	\$ 2,175,540	\$ 2,024,620	\$ 2,222,420	\$ 2,490,660	\$ 3,801,020	\$ 5,300,870	\$ 6,288,090	\$ 6,450,730	\$ 5,897,810	\$ 4,896,120	\$ 3,376,330	\$ 2,357,450	\$ 47,281,660
Customer Forecast	12,874	12,768	12,804	12,798	12,916	13,271	13,266	13,149	13,322	13,314	13,117	13,102	13,058
Mcf	344,873	316,926	354,322	405,438	654,065	937,007	1,125,020	1,156,856	1,050,293	859,624	571,707	377,815	8,153,946

S.C. No. 11

Revenue Forecast	\$ 363,515	\$ 363,725	\$ 362,215	\$ 369,815	\$ 382,845	\$ 393,545	\$ 400,975	\$ 393,095	\$ 390,255	\$ 375,255	\$ 366,445	\$ 362,045	\$ 4,523,733
Customer Forecast	7	7	7	7	7	7	7	7	7	7	7	7	7
Mcf	121,011	121,732	115,466	145,504	203,031	250,398	281,991	248,255	237,970	171,750	134,636	115,347	2,147,091

*Base revenue excluding MFC revenue

Appendix O Sheet 11 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas MFC Targets**

MFC-1 (S.C. Nos. 1, 12 & 16)

	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
Revenue Target	\$ 1,067,490	\$ 1,067,650	\$ 1,067,910

MFC-2 (S.C. Nos. 2, 6, 13 & 15)

	<u>Rate Year 1</u>	<u>Rate Year 2</u>	<u>Rate Year 3</u>
Revenue Target	\$ 1,366,410	\$ 1,366,900	\$ 1,366,620

Appendix O Sheet 12 of 16

Central Hudson Gas & Electric Corporation Cases 20-E-0428 & 20-G-0429 Gas SC 11 RDM Mechanics

Effective July 1, 2021 the RDM Adjustment will be expanded to include Service Classification No. 11 (Transmission, Distribution and Distribution Large Mains). S.C. 11 delivery revenue targets and actual delivery revenue as further described below will be combined with S.C. Nos. 2, 6 & 13 for purposes of determining a single non-residential class for purposes of determining RDM reconciliations:

- The RDM will exclude from reconciliations revenue losses/gains associated with the loss/gain of any S.C. 11 customers;
- The RDM will exclude from reconciliations revenue losses/gains associated with the significant decline/increase in gas demand of any S.C. 11 customers. For purposes hereof, “significant decline/increase” would be defined as a reduction/increase of 40% or more in a customer’s MDQ as compared to the forecast presented in Appendix []. A customer would be excluded from RDM reconciliation if the MDQ varied by 40% or more over the course of the 6-month RDM reconciliation period;
- A 5% deadband will be established around adjusted monthly S.C. 11 RDM targets within which no monthly reconciliations will be made;
- Monthly S.C. 11 RDM revenue excess shortfalls outside the 5% deadband shall be limited to 2.5% of the adjusted S.C. 11 target. Monthly amounts in excess of the 2.5% cap are eligible to be carried over to a subsequent month during the term of the rate plan to the extent the carry over does not exceed the 2.5% cap in that month.

For purposes of determining semi-annual RDM Adjustment factors, revenue excess shortfalls for S.C. Nos. 2, 6, 11 and 13 will be combined to determine a single RDM Adjustment factor applicable to all classes assessed on a per-Ccf basis.

Appendix O Sheet 13 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Gas SC 11 RDM Example

	Example Customer 1	Example Customer 2	Example Customer 3	Example Customer 4	Example Month 1 Total	Example Month 2	Example Month 3	Example Month 4	Example Month 5	Example Month 6	Total 6 Months
A Target											
MDQ	7,500	350	5,000	-							
Ccf	1,050,000	75,000	900,000	-							
Revenue	\$ 84,955	\$ 11,156	\$ 98,440	\$ -	\$ 194,551						
B Actual											
MDQ	8,000	-	2,900	750							
Ccf	1,400,000	-	750,000	145,000							
Revenue	\$ 95,140	\$ -	\$ 65,074	\$ 21,610	\$ 181,824						
C SC 11 Lost/Gained Customer Excluded from Reconciliation:	N	Y	N	Y							
Exclusion from Target	\$ -	\$ 11,156	\$ -	\$ -							
Exclusion from Actual	\$ -	\$ -	\$ -	\$ 21,610							
D SC 11 Change in Billed MDQ of >= 40%	N	N	Y	N							
Exclusion from Target	\$ -	\$ -	\$ 98,440	\$ -							
Exclusion from Actual	\$ -	\$ -	\$ 65,074	\$ -							
E SC 11 Adjusted Target (A - C - D)	\$ 84,955	\$ -	\$ -	\$ -	\$ 84,955	\$ 100,000	\$ 95,000	\$ 88,000	\$ 80,000	\$ 67,000	
F SC 11 Adjusted Actual (B - C - D)	\$ 95,140	\$ -	\$ -	\$ -	\$ 95,140	\$ 93,000	\$ 90,000	\$ 79,000	\$ 74,000	\$ 70,000	
G 5% Deadband Applied to Adjusted SC 11 Target (E*1.05; E*0.95)				Upper	\$ 89,203	\$ 105,000	\$ 99,750	\$ 92,400	\$ 84,000	\$ 70,350	
				Lower	\$ 80,707	\$ 95,000	\$ 90,250	\$ 83,600	\$ 76,000	\$ 63,650	
H SC 11 Over/(Under) Outside 5% Deadband (F - G)					\$ 5,937	\$ (2,000)	\$ (250)	\$ (4,600)	\$ (2,000)	\$ -	\$ (2,913)
I SC 11 Monthly Over/(Under) as % of Adjusted Target					7.0%	-2.0%	-0.3%	-5.2%	-2.5%	0.0%	
J											
SC 11 Constrained to 2.5% Monthly Over/(Under)					\$ 2,124	\$ (2,000)	\$ (250)	\$ (2,200)	\$ (2,000)	\$ -	\$ (4,326)
Carryover of Prior Month Over/(Under) Outside 2.5% Constraint					\$ -	\$ 3,813	\$ -	\$ -	\$ -	\$ (1,675)	\$ 2,138
Current + Prior Month Over/(Under)					\$ 2,124	\$ 1,813	\$ (250)	\$ (2,200)	\$ (2,000)	\$ (1,675)	\$ (2,188)
					2.5%	1.8%	-0.3%	-2.5%	-2.5%	-2.5%	

Appendix O Sheet 14 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 1 (Twelve Months Ended June 30, 2022) MFC Targets**

MFC-1 (S.C. Nos. 1, 12 & 16)

	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>	<u>Jun-22</u>	<u>Total</u>
Revenue Target	\$ 24,680	\$ 22,270	\$ 22,630	\$ 37,670	\$ 76,550	\$ 124,010	\$ 164,360	\$ 174,930	\$ 156,540	\$ 129,380	\$ 85,900	\$ 48,570	\$ 1,067,490

MFC-2 (S.C. Nos. 2, 6, 13 & 15)

Revenue Target	\$ 50,830	\$ 45,370	\$ 53,230	\$ 62,840	\$ 108,660	\$ 160,490	\$ 195,590	\$ 201,600	\$ 182,520	\$ 148,230	\$ 96,130	\$ 60,920	\$ 1,366,410
----------------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	------------	------------	-----------	-----------	--------------

Appendix O Sheet 15 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 2 (Twelve Months Ended June 30, 2023) MFC Targets**

MFC-1 (S.C. Nos. 1, 12 & 16)

	<u>Jul-22</u>	<u>Aug-22</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Total</u>
Revenue Target	\$ 26,120	\$ 21,410	\$ 23,440	\$ 38,770	\$ 77,040	\$ 123,620	\$ 163,240	\$ 173,620	\$ 155,550	\$ 128,920	\$ 86,260	\$ 49,660	\$ 1,067,650

MFC-2 (S.C. Nos. 2, 6, 13 & 15)

Revenue Target	\$ 55,510	\$ 50,660	\$ 57,140	\$ 66,000	\$ 109,140	\$ 158,240	\$ 191,080	\$ 196,740	\$ 178,480	\$ 145,630	\$ 95,890	\$ 62,390	\$ 1,366,900
----------------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	------------	------------	-----------	-----------	--------------

Appendix O Sheet 16 of 16

**Central Hudson Gas & Electric Corporation
Cases 20-E-0428 & 20-G-0429
Rate Year 3 (Twelve Months Ended June 30, 2024) MFC Targets**

MFC-1 (S.C. Nos. 1, 12 & 16)

	<u>Jul-23</u>	<u>Aug-23</u>	<u>Sep-23</u>	<u>Oct-23</u>	<u>Nov-23</u>	<u>Dec-23</u>	<u>Jan-24</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Total</u>
Revenue Target	\$ 27,550	\$ 22,990	\$ 24,990	\$ 40,000	\$ 77,410	\$ 122,910	\$ 161,660	\$ 171,720	\$ 154,040	\$ 127,980	\$ 86,230	\$ 50,430	\$ 1,067,910

MFC-2 (S.C. Nos. 2, 6, 13 & 15)

Revenue Target	\$ 57,800	\$ 53,120	\$ 59,380	\$ 67,960	\$ 109,620	\$ 157,050	\$ 188,560	\$ 193,880	\$ 176,030	\$ 144,080	\$ 95,820	\$ 63,320	\$ 1,366,620
----------------	-----------	-----------	-----------	-----------	------------	------------	------------	------------	------------	------------	-----------	-----------	--------------

Appendix P
Central Hudson Gas and Electric Corporation
Cases 20-E-0428 and 20-G-0429
New, Modified and Continuing* Reporting Requirements

Topic	JP Section	Type	Frequency/Due Date
Capital Expenditures	V.A.5.a.	Variance reporting	Quarterly - Due within 45 days of the end of each quarter. In lieu of a report for the fourth quarter, the Company will submit an annual report within 60 days of the end of the calendar year.
		Prior Calendar Year	Annually due March 1
		Five Year Capital Investment Plan	Annually due July 1
Enterprise Resource Planning ("ERP") - Phase III Project**	V.B.3.a.	Initial Program Report	One time within 45 days of the start of RY2
		Quarterly Program Report	Quarterly - Due within 45 days of each quarter end, excluding Q4. Beginning the first quarter after filing of the Initial Program Report, until project is fully implemented
		Annual Report	Annually - Due March 1 beginning in 2023 and continuing throughout term of the ERP Phase III Project
Cloud-based or SaaS IT solutions	V.C.2.j.	Notice of deferral	As needed
Sales Tax Refunds and Assessments	V.C.4.n.	Continue to file notice or include refunds in its PSC reports as required under PSL Section 89.3	As needed
Fortis Overhead Allocation Methodology	V.I.	Notice of change in methodology	As needed - Due within 60 days after effective date of revised cost allocation
Reporting and Calculation of Actual Regulatory Earnings	VII.B.	Computation of actual regulatory earnings for the preceding Rate Year and schedule of regulatory deferral balances recorded during the year.	Annually - Within 90 days following the end of each Rate Year
Gas Cash-Out Rate	XII.H.	The Company will make a compliance tariff filing implementing the changes to the cash out price methodology and decrement feature no later than May 30, 2022 for a proposed effective date no later than June 30, 2022.	One time
Merchant Function Charge and Lost Revenue	XII.I.	Provide notification to the Commission and parties to these rate cases at the time that total migration for a month exceeds 30% for either electric (SC 1 and 6) or gas (SC 1) customers, as initially set forth in the Commission's Order Establishing Rate Plan issued in Cases 05-E-0934 et al.	As needed
Economic Development	XIII.C.	Details economic activity for the prior calendar year	Annually due April 1 (with August 2021 filing postponed until April 2022)
Rate Adjustment Mechanism	XV., Appendix G	Compliance filing	Annually due March 31
Electric Reliability Performance Mechanisms	XVI., Appendix Q	Annual Reporting	Annually due March 31
Gas Safety Metric - Record Violations Over Annual Cap	XVII.C.	Remediation Plan	As needed - Due within 90 days of Pipeline Safety Staff's audit letter
Customer Service Performance Indicators	XVIII.A.	Customer Performance Indicators as per Case 15-M-0566	Monthly
Credit/Debit Card Payment - Including Walk in Payment Fees	2018 Joint Proposal - XVIII.B.1.	Reporting will include administrative processing fees; per transaction rates; and actual and expected levels of customer participation.	Quarterly and annual
Call Volume Overflow	XVIII.B.	Status on milestone targets, cost expenditures to date, description on process variances and project completion timeline	Quarterly
Outreach and Education	XIX.	Annual Outreach and Education Reports	Annually due April 1
Earnings Adjustment Mechanisms	XXI.A.	Annual Reporting	Annually due June 1
Geothermal District Loop Feasibility Study	XXIII.C.	The results of the Geothermal Study	As needed
Major Storm Reserve	Appendix U	Reporting of Eligible Costs, Mutual Aid Retainer Payments, and Pre-Staging Events	As Needed - Due Within 120 days of the date on which the Company is able to serve all customers
Central Hudson/NYPA Dimming Streetlight Pilot Parameters	Appendix AA	Identification of Pilot plan	Due One Time with the next applicable SEEP update
		Results of the Pilot, including basis of its decision regarding whether to including streetlight dimming within its energy efficiency portfolio	Due One Time with the next applicable SEEP Update
Environmental Sustainability Efforts	Appendix BB	Central Hudson will report progress relative to Plan regarding emissions reduction targets and clean energy priorities	Plan due on January 1, 2023 with progress reports to be filed on an annual basis thereafter
Non Wires Alternative Projects	2018 Joint Proposal - XXIII, Appendix X	Compliance filing for Initial Incentive	One time
		Implementation plan and BCA	Updated annually
		Expenditure and activity detail reporting	Quarterly
Non-Pipe Alternative Projects	2018 Joint Proposal - XX.C.	Compliance filing for Initial Incentive	One time
		Implementation plan and BCA	Updated annually
		Expenditure and activity detail reporting	Quarterly

* For the purposes of this Appendix, continuing is defined as reporting requirements that continue from the 2018 Joint Proposal.

** ERP Phase III Project reporting is replacing the IT Capital Reporting from the 2018 Joint Proposal.

Appendix Q
Sheet 1 of 2
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Electric Reliability Performance Mechanism

Electric Reliability

Operation of Mechanism

This electric service Reliability Performance Mechanism ("reliability mechanism" or "RPM") structure has been in effect for Central Hudson Gas & Electric Corporation beginning on June 18, 2010 per the Order in Case 09-E-0888. The reliability mechanism targets were continued per the June 26, 2013 Acquisition Order in Case 12-M-0192 and the Negative Revenue Adjustments ("NRAs") were doubled. The performance metrics adopted in this Joint Proposal are described below and will remain in effect until reset by the Commission. The measurement periods for the reliability mechanism metrics will be on a calendar year basis.

The reliability mechanism establishes the following performance metrics:

- (a) threshold standards, consisting of system-wide performance targets for frequency and duration of electric service interruption defined as:
 - 1. CAIDI - Customer Average Interruption Duration Index. The average interruption duration time (customers-hours interrupted) for those customers that experience an interruption during the year.
 - 2. SAIFI - System Average Interruption Frequency Index. It is the average number of times that a customer is interrupted per 1,000 customers served during the year.

The electric service annual metrics for System Average Frequency Index (SAIFI) shall be a 30 basis point (electric, pre-tax) potential negative revenue adjustment for failure to achieve an annual SAIFI target of 1.32 in 2021, 1.32 in 2022, 1.30 in 2023 and 1.30 in 2024. The electric service annual metrics for Customer Average Duration Index (CAIDI) shall be a 30 basis point (electric, pre-tax) potential negative revenue adjustment for failure to achieve an annual CAIDI of 2.50 in 2021 through 2024.

- (b) The Quarterly Meeting process will continue.

All revenue adjustments related to this reliability mechanism will come from shareholder funds and will be deferred and credited for the benefit of ratepayers through the Rate Adjustment Mechanism as described in Appendix G.

Exclusions

The following exclusions will be applicable to operating performance under this reliability mechanism:

- (a) Any outages resulting from a major storm, as defined in 16 NYCRR Part 97 (i. e., at least 10% of the customers interrupted within an operating area or customers out of service for at least 24 hours), except as otherwise noted.

Appendix Q
Sheet 2 of 2
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Electric Reliability Performance Mechanism

- (b) Any incident resulting from a catastrophic event beyond the control of the Company, including but not limited to plane crash, water main break, or natural disasters (e. g., hurricanes, floods, earthquakes, tornadoes, microbursts).
- (c) Any incident where problems beyond the Company's control involving generation or the bulk transmission system is the key factor in the outage, including, but not limited to, NYISO mandated load shedding. This criterion is not intended to exclude incidents that occur as a result of unsatisfactory performance by the Company.

Reporting

The Company will prepare an annual report(s) on its performance under this reliability mechanism. The annual report(s) will be filed by March 31st of each year to the Secretary.

The reports will state the:

- (a) Company's annual system-wide performance under the RPM and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment;
- (b) Company's performance under the other metrics and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment; and
- (c) Basis for requesting and provide adequate support for all exclusions.

Appendix R
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429

Central Hudson Gas & Electric Corporation Gas Safety Performance Mechanisms and Positive (PRA) / Negative (NRA) Revenue Adjustments				
2022-2025 Target				Basis Point PRA/(NRA)
Leak Management				
Total Leak Backlog	≥ 90			(15) bp
	≥ 87 ≤ 89			(6) bp
	≥ 66 ≤ 86			0 bp
	≥ 60 ≤ 65			2 bp
	≥ 55 ≤ 59			4 bp
	≤ 54			6 bp
To earn PRA Repairable Leak Backlog at Year-End* must be 6 or less				
*For this performance mechanism 'Year-End' is defined as any time during the last 10 days of the calendar year.				
Types 1, 2, & 2A leaks that fail re-check, must be added back to the backlog. For any Type 3 leak repaired during the months of November and December, the Company will be required to conduct a re-check within 14 to 30 days after repair to confirm no gas-in-air readings before such repair will be considered a valid repair for purposes of PRA eligibility.				
Only "successful elimination" of a leak in accordance with 16 NYCRR Part 255.819 will be considered a valid leak repair				
Excavation Damages (per 1000 Tickets)				
Gas Total Damage	≥ 2.0			(20) bp
	≥ 1.85 - <2.00			(10) bp
	≥ 1.65 - <1.85			(5) bp
	≥ 1.35 - <1.65			0 bp
	≥ 1.25 - <1.35			4 bp
	≥ 1.20 - <1.25			6 bp
	≤ 1.19			10 bp
For rate case established targets, the Total Damage Rate will include the hand excavation damages with a one call ticket.				
Hand excavation damages without a ticket will be excluded from the Total Damage Rate.				
Emergency Response				
30 Minute Response	≥ 92%			6 bp
	≥ 89% - <92%			4 bp
	≥ 85% - <89%			2 bp
	≥ 75% - <85%			0 bp
	<75%			(12) bp
45 Minute Response	<90%			(8) bp
60 Minute Response	<95%			(5) bp
Gas Safety Violations (NYCRR Parts 255 & 261)				
High Risk Violations	Record Violations		Field Violations	
	1-5	0	1-20	(1/2)
	6-20	(1/2)	21+	(1)
	21+	(1)		
Other Risk Violations	Record Violations		Field Violations	
	1-15	0	All	(1/4)
	16+	(1/4)		
255.603 only cited as single occurrence for failure to follow procedure				
Leak Prone Gas Pipe ("LPP")				
Annual LPP Elimination	<15 miles			(15) bp
Other Safety Programs / Initiatives				
Municipal Wide Gas Emergency Drill	4 bps Per Drill, limited to 2 drills annually			8 bp
Transmission Mainline Recompression	2 bps Per Occurrence, limited to 1 occurrence annually			2 bp

Appendix S
Page 1 of 5
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Part 255 / 261
High and Other Gas Risk Safety Violations

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
16	III	C	255	14	(a)	Conversion to Service Subject to this Part	High
16	III	C	255	14	(b)	Conversion to Service Subject to this Part	Other
16	III	C	255	17	All	Preservation of Records	Other
16	III	C	255	53	All	Materials - General	High
16	III	C	255	65	All	Materials - Transportation of Pipe	High
16	III	C	255	103	All	Pipe Design - General	High
16	III	C	255	143	All	Design of Pipeline Components - General Requirements	High
16	III	C	255	159	All	Design of Pipeline Components - Flexibility	High
16	III	C	255	161	All	Design of Pipeline Components - Supports and Anchors	High
16	III	C	255	163	All	Compressor Stations - Design and Construction	Other
16	III	C	255	165	All	Compressor Stations - Liquid Removal	Other
16	III	C	255	167	All	Compressor Stations - Emergency Shutdown	High
16	III	C	255	169	All	Compressor Stations - Pressure Limiting Devices	High
16	III	C	255	171	All	Compressor Stations - Additional Safety Equipment	Other
16	III	C	255	173	All	Compressor Stations - Ventilation	High
16	III	C	255	179	All	Valves on Pipelines to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	181	All	Distribution Line Valves	High
16	III	C	255	183	All	Vaults - Structural Design Requirements	High
16	III	C	255	185	All	Vaults - Accessibility	Other
16	III	C	255	187	All	Vaults - Sealing, Venting, and Ventilation	Other
16	III	C	255	189	All	Vaults - Drainage and Waterproofing	High
16	III	C	255	190	All	Calorimeter or Calorimixer Structures	Other
16	III	C	255	191	All	Design Pressure of Plastic Fittings	Other
16	III	C	255	193	All	Valve Installation in Plastic Pipe	Other
16	III	C	255	195	All	Protection Against Accidental Overpressuring	High
16	III	C	255	197	All	Control of the Pressure of Gas Delivered from High Pressure Distribution Systems	High
16	III	C	255	199	All	Requirements for Design of Pressure Relief and Limiting Devices	High
16	III	C	255	201	All	Required Capacity of Pressure Relieving and Limiting Stations	High
16	III	C	255	203	All	Instrument, Control, and Sampling Piping and Components	Other
16	III	C	255	225	All	Qualification of Welding Procedures	High
16	III	C	255	227	All	Qualification of Welders	High
16	III	C	255	229	All	Limitations On Welders	Other
16	III	C	255	230	All	Quality Assurance Program	Other
16	III	C	255	231	All	Welding - Protection from Weather	High
16	III	C	255	233	All	Welding - Miter Joints	High
16	III	C	255	235	All	Preparation for Welding	High
16	III	C	255	237	All	Welding - Preheating	Other
16	III	C	255	239	All	Welding - Stress Relieving	Other
16	III	C	255	241	(a),(b)	Inspection and Test of Welds	High
16	III	C	255	241	(c)	Inspection and Test of Welds	Other
16	III	C	255	243	(a),(b),(c),(d),(e)	Nondestructive Testing - Pipeline to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	243	(f)	Nondestructive Testing - Pipeline to Operate at 125 PSIG (862 kPa) or More	Other
16	III	C	255	244	All	Welding Inspector	High
16	III	C	255	245	All	Welding - Repair or Removal of Defects	High
16	III	C	255	273	All	Joining of Materials other than by Welding - General	High
16	III	C	255	279	All	Joining of Materials other than by Welding - Copper Pipe	High
16	III	C	255	281	All	Joining of Materials other than by Welding - Plastic Pipe	High
16	III	C	255	283	All	Plastic Pipe - Qualifying Joining Procedures	Other
16	III	C	255	285	(a),(b),(d)	Plastic Pipe - Qualifying Persons to make Joints	High
16	III	C	255	285	(c)(e)	Plastic Pipe - Qualifying Persons to make Joints	Other
16	III	C	255	287	All	Plastic Pipe - Inspection of Joints	Other
16	III	C	255	302	All	Notification Requirements	High
16	III	C	255	303	All	Compliance with Construction Standards	High
16	III	C	255	305	All	Inspection - General	High
16	III	C	255	307	All	Inspection of Materials	High
16	III	C	255	309	All	Repair of Steel Pipe	High
16	III	C	255	311	All	Repair of Plastic Pipe	High
16	III	C	255	313	(a),(b),(c)	Bends and Elbows	High
16	III	C	255	313	(d)	Bends and Elbows	Other
16	III	C	255	315	All	Wrinkle Bends in Steel Pipe	High
16	III	C	255	317	All	Protection from Hazards	Other
16	III	C	255	319	All	Installation of Pipe in a Ditch	Other
16	III	C	255	321	All	Installation of Plastic Pipe	High
16	III	C	255	323	All	Casing	Other
16	III	C	255	325	All	Underground Clearance	High
16	III	C	255	327	All	Cover	Other
16	III	C	255	353	All	Customer Meters and Regulators - Location	Other

Appendix S
Page 2 of 5
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Part 255 / 261
High and Other Gas Risk Safety Violations

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
16	III	C	255	355	All	Customer Meters and Regulators - Protection from Damage	Other
16	III	C	255	357	(a),(b),(c)	Customer Meters and Service Regulators - Installation	Other
16	III	C	255	357	(d)	Customer Meters and Service Regulators - Installation	High
16	III	C	255	359	All	Customer Meter Installations - Operating Pressure	Other
16	III	C	255	361	(a),(b),(c),(d)	Service Lines - Installation	Other
16	III	C	255	361	(e),(f),(g),(h),(i)	Service Lines - Installation	High
16	III	C	255	363	All	Service Lines - Valve Requirements	Other
16	III	C	255	365	(a),(c)	Service Lines - Location of Valves	Other
16	III	C	255	365	(b)	Service Lines - Location of Valves	High
16	III	C	255	367	All	Service Lines - General Requirements for Connections	Other
16	III	C	255	369	All	Service Lines - Connections to Cast Iron or Ductile Iron Mains	Other
16	III	C	255	371	All	Service Lines - Steel	Other
16	III	C	255	373	All	Service Lines - Cast Iron and Ductile Iron	Other
16	III	C	255	375	All	Service Lines - Plastic	Other
16	III	C	255	377	All	Service Lines - Copper	Other
16	III	C	255	379	All	New Service Lines not in Use	Other
16	III	C	255	381	All	Service Lines - Excess Flow Valve Performance Standards	Other
16	III	C	255	455	(a)	External Corrosion Control - Buried or Submerged Pipelines Installed after July 31, 1971	Other
16	III	C	255	455	(d),(e)	External Corrosion Control - Buried or Submerged Pipelines Installed after July 31, 1971	High
16	III	C	255	457	All	External Corrosion Control - Buried or Submerged Pipelines Installed before July 31, 1971	High
16	III	C	255	459	All	External Corrosion Control - Examination of Buried Pipeline when Exposed	Other
16	III	C	255	461	(a),(b),(d),(e),(f),(g)	External Corrosion Control - Protective Coating	Other
16	III	C	255	461	(c)	External Corrosion Control - Protective Coating	High
16	III	C	255	463	All	External Corrosion Control - Cathodic Protection	High
16	III	C	255	465	(a),(e)	External Corrosion Control - Monitoring	High
16	III	C	255	465	(b),(c),(d),(f)	External Corrosion Control - Monitoring	Other
16	III	C	255	467	All	External Corrosion Control - Electrical Isolation	Other
16	III	C	255	469	All	External Corrosion Control - Test Stations	Other
16	III	C	255	471	All	External Corrosion Control - Test Leads	Other
16	III	C	255	473	All	External Corrosion Control - Interference Currents	Other
16	III	C	255	475	All	Internal Corrosion Control - General	Other
16	III	C	255	476	(a),(c)	Internal Corrosion Control - Design and Construction of Transmission Line	High
16	III	C	255	476	(d)	Internal Corrosion Control - Design and Construction of Transmission Line	Other
16	III	C	255	479	All	Atmospheric Corrosion Control - General	Other
16	III	C	255	481	All	Atmospheric Corrosion Control - Monitoring	Other
16	III	C	255	483	All	Remedial Measures - General	High
16	III	C	255	485	(a),(b)	Remedial Measures - Transmission Lines	High
16	III	C	255	485	(c)	Remedial Measures - Transmission Lines	Other
16	III	C	255	487	All	Remedial Measures - Distribution Lines other than Cast Iron or Ductile Iron Lines	Other
16	III	C	255	489	All	Remedial Measures - Cast Iron and Ductile Iron Pipelines	Other
16	III	C	255	490	All	Direct Assessment	Other
16	III	C	255	491	All	Corrosion Control Records	Other
16	III	C	255	503	All	Test Requirements - General	Other
16	III	C	255	505	(a),(b),(c),(d)	Strength Test Requirements for Steel Pipelines to Operate at 125 PSIG (862 kPa) or More	High
16	III	C	255	505	(e),(h),(i)	Strength Test Requirements for Steel Pipelines to Operate at 125 PSIG (862 kPa) or More	Other
16	III	C	255	507	All	Test Requirements for Pipelines to Operate at less than 125 PSIG (862 kPa)	Other
16	III	C	255	511	All	Test Requirements for Service Lines	Other
16	III	C	255	515	All	Environmental Protection and Safety Requirements	Other
16	III	C	255	517	All	Test Requirements - Records	Other
16	III	C	255	552	All	Upgrading / Conversion - Notification Requirements	Other
16	III	C	255	553	(a),(b),(c),(f)	Upgrading / Conversion - General Requirements	High
16	III	C	255	553	(d),(e)	Upgrading / Conversion - General Requirements	Other
16	III	C	255	555	All	Upgrading to a Pressure of 125 PSIG (862 kPa) or More in Steel Pipelines	High
16	III	C	255	557	All	Upgrading to a Pressure Less than 125 PSIG (862 kPa)	High
16	III	C	255	603	All	Operations - General Provisions	High
16	III	C	255	604	All	Operator Qualification	High

Appendix S
Page 3 of 5
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Part 255 / 261
High and Other Gas Risk Safety Violations

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
16	III	C	255	605	All	Essentials of Operating and Maintenance Plan	High
16	III	C	255	609	All	Change in Class Location - Required Study	High
16	III	C	255	611	(a),(d)	Change in Class Location - Confirmation or Revision of Maximum Allowable Operating Pressure	Other
16	III	C	255	613	All	Continuing Surveillance	Other
16	III	C	255	614	All	Damage Prevention Program	High
16	III	C	255	615	All	Emergency Plans	High
16	III	C	255	616	All	Customer Education and Information Program	High
16	III	C	255	619	All	Maximum Allowable Operating Pressure - Steel or Plastic Pipelines	High
16	III	C	255	621	All	Maximum Allowable Operating Pressure - High Pressure Distribution Systems	High
16	III	C	255	623	All	Maximum and Minimum Allowable Operating Pressure - Low Pressure Distribution Systems	High
16	III	C	255	625	(a),(b)	Odorization of Gas	High
16	III	C	255	625	(e),(f)	Odorization of Gas	Other
16	III	C	255	627	All	Tapping Pipelines Under Pressure	High
16	III	C	255	629	All	Purging of Pipelines	High
16	III	C	255	631	All	Control Room Management	High
16	III	C	255	705	All	Transmission Lines - Patrolling	High
16	III	C	255	706	All	Transmission Lines - Leakage Surveys	High
16	III	C	255	707	(a),(c),(d),(e)	Line Markers for Mains and Transmission Lines	Other
16	III	C	255	709	All	Transmission Lines - Record Keeping	Other
16	III	C	255	711	All	Transmission Lines - General Requirements for	High
16	III	C	255	713	All	Transmission Lines - Permanent Field Repair of Imperfections and Damages	High
16	III	C	255	715	All	Transmission Lines - Permanent Field Repair of Welds	High
16	III	C	255	717	All	Transmission Lines - Permanent Field Repairs of Leaks	High
16	III	C	255	719	All	Transmission Lines - Testing of Repairs	High
16	III	C	255	721	(b)	Distribution Systems - Patrolling	Other
16	III	C	255	723	All	Distribution Systems - Leakage Surveys and Procedures	High
16	III	C	255	725	All	Test Requirements for Reinstating Service Lines	Other
16	III	C	255	726	All	Inactive Service Lines	Other
16	III	C	255	727	b),(c),(d),(e),(f),(g)	Abandonment or Inactivation of Facilities	Other
16	III	C	255	729	All	Compressor Stations - Procedures for Gas Compressor Units	High
16	III	C	255	731	All	Compressor Stations - Inspection and Testing of	High
16	III	C	255	732	All	Compressor Stations - Additional Inspections	High
16	III	C	255	735	All	Compressor Stations - Storage of Combustible Materials	Other
16	III	C	255	736	All	Compressor Stations - Gas Detection	High
16	III	C	255	739	(a),(b)	Pressure Limiting and Regulating Stations - Inspection and Testing	High
16	III	C	255	739	(c),(d),(e),(f)	Pressure Limiting and Regulating Stations - Inspection and Testing	Other
16	III	C	255	741	All	Pressure Limiting and Regulating Stations - Telemetering or Recording Gauges	Other
16	III	C	255	743	(a),(b)	Pressure and Limiting and Regulating Stations - Testing of Relief Devices	High
16	III	C	255	743	(c)	Regulator Station MAOP	Other
16	III	C	255	744	All	Service Regulators and Vents - Inspection	Other
16	III	C	255	745	All	Transmission Line Valves	High
16	III	C	255	747	All	Valve Maintenance - Distribution Systems	Other
16	III	C	255	748	All	Valve Maintenance - Service Line Valves	Other
16	III	C	255	749	All	Vault Maintenance	Other
16	III	C	255	751	All	Prevention of Accidental Ignition	High
16	III	C	255	753	All	Caulked Bell and Spigot Joints	Other
16	III	C	255	755	All	Protecting Cast Iron Pipelines	High
16	III	C	255	756	All	Replacement of Exposed or Undermined Cast Iron Piping	High
16	III	C	255	757	All	Replacement of Cast Iron Mains Paralleling Excavations	High
16	III	C	255	801	All	Reports of accidents	Other
16	III	C	255	803	All	Emergency Lists of Operator Personnel	Other
16	III	C	255	805	(a),(b),(e),(g),(h)	Leaks - General	Other
16	III	C	255	807	(a),(b),(c)	Leaks - Records	Other
16	III	C	255	807	(d)	Leaks - Records	High
16	III	C	255	809	All	Leaks - Instrument Sensitivity Verification	High
16	III	C	255	811	(b),(c),(d),(e)	Leaks - Type 1 Classification	High
16	III	C	255	813	(b),(c),(d)	Leaks - Type 2A Classification	High
16	III	C	255	815	(b),(c),(d)	Leaks - Type 2 Classification	High
16	III	C	255	817	All	Leaks - Type 3 Classification	Other
16	III	C	255	819	(a)	Leaks - Follow-Up Inspection	High
16	III	C	255	821	All	Leaks - Nonreportable Reading	High
16	III	C	255	823	(a),(b)	Interruptions of Service	Other
16	III	C	255	825	All	Logging and Analysis of Gas Emergency Reports	Other
16	III	C	255	829	All	Annual Report	Other
16	III	C	255	831	All	Reporting Safety-Related Conditions	Other
16	III	C	255	905	All	High Consequence Areas	High
16	III	C	255	907	All	General (IMP)	Other
16	III	C	255	909	All	Changes to an Integrity Management Program (IMP)	Other

Appendix S
Page 4 of 5
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Part 255 / 261
High and Other Gas Risk Safety Violations

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
16	III	C	255	911	All	Required Elements (IMP)	High
16	III	C	255	915	All	Knowledge and Training (IMP)	High
16	III	C	255	917	All	Identification of Potential Threats to Pipeline Integrity and Use of the Threat Identification in an Integrity Program (IMP)	High
16	III	C	255	919	All	Baseline Assessment Plan (IMP)	High
16	III	C	255	921	All	Conducting a Baseline Assessment (IMP)	High
16	III	C	255	923	All	Direct Assessment (IMP)	High
16	III	C	255	925	All	External Corrosion Direct Assessment (ECDA)(IMP)	High
16	III	C	255	927	All	Internal Corrosion Direct Assessment (ICDA)(IMP)	High
16	III	C	255	931	All	Confirmatory Direct Assessment (CDA)(IMP)	High
16	III	C	255	933	All	Addressing Integrity Issues (IMP)	High
16	III	C	255	935	All	Preventive and Mitigative Measures to Protect the High Consequence Areas (IMP)	High
16	III	C	255	937	All	Continual Process of Evaluation and Assessment (IMP)	High
16	III	C	255	939	All	Reassessment Intervals (IMP)	High
16	III	C	255	941	All	Low Stress Reassessment (IMP)	Other
16	III	C	255	945	All	Measuring Program Effectiveness (IMP)	Other
16	III	C	255	947	All	Records (IMP)	Other
16	III	C	255	1003	All	General Requirements of a GDPIM Plan	High
16	III	C	255	1005	All	Implementation Requirements of a GDPIM Plan	High
16	III	C	255	1007	All	Required Elements of a GDPIM Plan	High
16	III	C	255	1009	All	Required Report when Compression Couplings Fail	High
16	III	C	255	1011	All	Records an Operator Must Keep (GDPIM)	Other
16	III	C	255	1015	All	GDPIM Plan Requirements for a Master Meter or a Small Liquefied Petroleum Gas (LPG) Operator	High
16	III	C	261	15	All	Operation and Maintenance Plan	High
16	III	C	261	17	(a),(c)	Leakage Survey	High
16	III	C	261	19	All	High Pressure Piping	Other
16	III	C	261	21	All	Carbon Monoxide Prevention	High
16	III	C	261	51	All	Warning Tag Procedures	High
16	III	C	261	53	All	HEFPA Liaison	High
16	III	C	261	55	All	Warning Tag Inspection	High
16	III	C	261	57	All	Warning Tag - Class A condition	High
16	III	C	261	59	All	Warning Tag - Class B condition	High
16	III	C	261	61	All	Warning Tag - Class C Condition	Other
16	III	C	261	63	All	Warning Tag - Action and Follow-Up	Other
16	III	C	261	65	All	Warning Tag Records	Other
49	I	D	193	2011	All	Reporting	Other
49	I	D	193	2017	All	Plans and Procedures	High
49	I	D	193	2019	All	Mobile and Temporary LNG Facilities	High
49	I	D	193	2057	All	Thermal Radiation Protection	High
49	I	D	193	2059	All	Flammable Vapor-Gas Dispersion Protection	High
49	I	D	193	2067	All	Wind Forces	High
49	I	D	193	2101	All	Design - Scope	High
49	I	D	193	2119	All	Design - Records	High
49	I	D	193	2155	All	Structural Requirements	High
49	I	D	193	2161	All	Design - Dikes	High
49	I	D	193	2167	All	Covered Systems	High
49	I	D	193	2173	All	Water Removal	High
49	I	D	193	2181	All	Impoundment Design and Capacity	High
49	I	D	193	2187	All	Nonmetallic Membrane Liner	High
49	I	D	193	2301	All	Construction - Scope	High
49	I	D	193	2303	All	Construction Acceptance	High
49	I	D	193	2304	All	Corrosion Control Overview	High
49	I	D	193	2321	All	Nondestructive Tests	High
49	I	D	193	2401	All	Equipment - Scope	High
49	I	D	193	2441	All	Equipment - Control Center	High
49	I	D	193	2445	All	Sources of Power	High
49	I	D	193	2501	All	Operations - Scope	High
49	I	D	193	2503	All	Operating Procedures	High
49	I	D	193	2505	All	Operations - Cooldown	High
49	I	D	193	2507	All	Monitoring Operations	High
49	I	D	193	2509	All	Emergency Procedures	High
49	I	D	193	2511	All	Personnel Safety	High
49	I	D	193	2513	All	Transfer Procedures	High
49	I	D	193	2515	All	Investigations of Failures	High
49	I	D	193	2517	All	Purging	High
49	I	D	193	2519	All	Communication Systems	High
49	I	D	193	2521	All	Operating Records	Other
49	I	D	193	2603	All	Maintenance - General	High
49	I	D	193	2605	All	Maintenance Procedures	High
49	I	D	193	2607	All	Foreign Material	Other
49	I	D	193	2609	All	Support Systems	High
49	I	D	193	2611	All	Fire Protection	High
49	I	D	193	2613	All	Auxiliary Power Sources	High
49	I	D	193	2615	All	Isolating and Purging	High
49	I	D	193	2617	All	Maintenance - Repairs	High
49	I	D	193	2619	All	Control Systems	High
49	I	D	193	2621	All	Testing Transfer Hoses	High
49	I	D	193	2623	All	Inspecting LNG Storage Tanks	High

Appendix S
Page 5 of 5
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429
Part 255 / 261
High and Other Gas Risk Safety Violations

Title	Chapter	Subchapter	Part	Section	Subdivision	Description	Risk
49	I	D	193	2625	All	Corrosion Protection	High
49	I	D	193	2627	All	Atmospheric Corrosion Control	Other
49	I	D	193	2629	All	External Corrosion Control - Buried or Submerged Components	Other
49	I	D	193	2631	All	Internal Corrosion Control	Other
49	I	D	193	2633	All	Interference Currents	Other
49	I	D	193	2635	All	Monitoring Corrosion Control	High
49	I	D	193	2637	All	Remedial Measures	High
49	I	D	193	2639	All	Maintenance Records	Other
49	I	D	193	2703	All	Design and Fabrication	Other
49	I	D	193	2705	All	Construction, Installation, Inspection, and Testing	High
49	I	D	193	2707	All	Operations and Maintenance	High
49	I	D	193	2709	All	Security	High
49	I	D	193	2711	All	Personnel Health	Other
49	I	D	193	2713	All	Training - Operations and Maintenance	High
49	I	D	193	2715	All	Training - Security	High
49	I	D	193	2717	All	Training - Fire Protection	High
49	I	D	193	2719	All	Training - Records	Other
49	I	D	193	2801	All	Fire Protection	High
49	I	D	193	2903	All	Security Procedures	High
49	I	D	193	2905	All	Protective Enclosures	High
49	I	D	193	2907	All	Protective Enclosure Construction	High
49	I	D	193	2909	All	Security Communications	High
49	I	D	193	2911	All	Security Lighting	High
49	I	D	193	2913	All	Security Monitoring	High
49	I	D	193	2915	All	Alternative Power Sources	High
49	I	D	193	2917	All	Warning Signs	Other

Appendix T
Central Hudson Gas and Electric Corporation
Cases 20-E-0428; 20-G-0429

Customer Service Performance Indicators and Positive (PRA) / Negative (NRA) Revenue Adjustments			
Target			Incentive/ (Penalty)
Residential Customer Satisfaction Survey			
	2022 bps	2023 bps	2024 bps
≥ 89.0%	None	None	None
< 89.0%	(3)	(4)	(5)
≤ 87.1%	(6)	(8)	(10)
≤ 85.3%	(10)	(12)	(15)
PSC Complaint Rate			
	2022 bps	2023 bps	2024 bps
≤ 1.0	None	None	None
> 1.0	(3)	(4)	(5)
≥ 1.1	(6)	(8)	(10)
≥ 1.2	(10)	(12)	(15)
Residential Service Terminations / Uncollectibles			
At least 60 days prior to the start of calendar year 2023, the Company will file its proposed plan in a petition for Commission consideration for 2023 and 2024.			
Percent of Calls Answered by a Representative Within 30 Seconds			
	2022 bps	2023 bps	2024 bps
≥ 67.0%	None	None	None
< 67.0%	(3)	(4)	(4)
≤ 61.4%	(6)	(8)	(8)
≤ 55.8%	(10)	(12)	(12)
Appointments Kept			
\$20 per Missed Appointment			

Appendix U
Sheet 1 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Major Storm Reserve

Major Storm Reserve Funding

The electric Income Statements set forth in Appendix A incorporate \$4,674,000 in funding for a Major Storm Reserve for each Rate Year. To the extent that the Company incurs incremental major storm damage costs in excess of the amount accrued in the Major Storm Reserve over the term of the rate plan, the Company will defer expenses for the future recovery from customers, and the rate allowance for the Major Storm Reserve will be adjusted accordingly during the Company's next rate proceeding. To the extent that the Company incurs major storm damage expenses less than the amount accrued in the Major Storm Reserve over the term of the rate plan, the Company will defer the variation to serve as an offset for future major storm events. The reserve balance, whether a debit balance or credit balance, will accrue carrying charges at the Company's pre-tax rate of return.

Costs Chargeable to the Major Storm Reserve

A major storm event will be defined as a period of adverse weather during which service interruptions affect at least 10 percent of customers in an operating area and/or result in customers being without electric service for durations of at least 24 hours (16 NYCRR Part 97). Except as otherwise provided herein, once the Commission definition of a major storm has been satisfied, incremental restoration costs incurred as a result of the event must reach a level of at least \$500,000, in order for expenses related to the adverse weather event to be chargeable to the major storm reserve.

Specifically, the following types of incremental restoration costs are authorized to be charged to the major storm reserve: incremental labor and the applicable payroll taxes and incremental accounts payable. Incremental labor is overtime paid to union and management employees in conjunction with the storm event. Incremental accounts payable includes, but is not limited to, tree trimming, mutual aid, other contractor/temp employees, communication (excluding communication costs for cell phone usage), dry ice, water, lodging, food, miscellaneous employee expenses, transportation expenses that do not originate from the Company, and materials and supplies costs that Central Hudson would not have incurred, except for the major storm event.

The Company will be able to charge costs against the Major Storm Reserve for restoration activity for a period up to 10 days following the date on which the Company is able to serve all customers. If Central Hudson incurs incremental expenses more than 10 days following restoration of the ability to serve all customers, Central Hudson has the right to petition the Commission for authorization to charge these costs to the

Appendix U
Sheet 2 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Major Storm Reserve

Major Storm Reserve, and the petition will not be subject to the Commission's traditional three-part deferral test.

Any proceeds or reimbursements from insurance, the Federal Emergency Management Agency (FEMA), New York State or any other reimbursement or proceeds received to cover such costs should be deducted from expenses charged to the Major Storm Reserve.

In addition, the Company is authorized to charge the major storm reserve for payments made in the form of retainers to mutual aid crews in order to allow Central Hudson to more readily secure aid when storm events require such prudent action. Central Hudson will submit such retainer contracts to Staff.

Pre-Staging & Mobilization Events

Central Hudson is authorized to charge the major storm reserve for pre-staging and mobilization costs incurred in reasonable anticipation that a storm will affect its electric operations to the degree of meeting the criteria of a major storm, but which ultimately does not do so. The following incremental costs can be charged: contractors and/or utility companies providing mutual assistance, employee labor, meals, lodging, and mutual aid travel to and from Central Hudson.

Incremental costs per pre-staging event will be charged as follows:

\$1 to \$100,000	Expense
\$100,000 to \$1.75M	Charged to Reserve
Over \$1.75M	85% to Reserve/15% to Expense

Central Hudson can file a petition requesting to defer its share (15%) of prestaging and mobilization costs in excess of \$1.75M per event, and it will be subject to the Commission's 3-part test to determine if deferral accounting treatment should be granted. Any amounts not chargeable to the major storm reserve will be charged to a separate non-major storm expense (O&M expense) function number for tracking purposes. Any charges to this function number during the month will be supported with documentation from operations related to the event tracked which did not qualify as chargeable to the Major Storm Reserve.

Documentation and Review

Central Hudson will report the costs for each major storm on a separate work order. The Company will file data demonstrating that the adverse weather event qualified as a major storm and documentation of the storm costs for audit to the Office of

Appendix U
Sheet 3 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Major Storm Reserve

Accounting, Audits and Finance within 120 days of the date on which the Company is able to serve all customers. The documentation should identify costs broken out into major expense categories and capital. Central Hudson should also provide quantification of the number of full-time equivalents used in storm restoration and/or preparation, including internal employees, external contractors and mutual assistance.

All costs charged to the Major Storm Reserve are subject to audit by Staff. Staff will review documented costs and communicate any concerns to the Company within a reasonable period of receipt of storm cost documentation from the Company. Such communication will not limit Staff's further review.

Consistent with current practice, Staff will continue to allow the inclusion of estimated costs in the Company's storm cost documentation that will be filed within 120 days of the date on which the Company is able to serve all customers. As such, to the extent that final invoices are not received within the 120-day initial filing notice, the Company will provide Staff final bills upon receipt, and costs charged to the Major Storm Reserve will be adjusted accordingly.

Appendix V, Sheet 1 of 3

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Depreciation Factors and Rates

		Effective as of 7/1/18				Effective as of 7/1/21			
ELECTRIC									
Account	Account Description	ASL	Curve Type	Net Salv. %	Annual Rate	ASL	Curve Type	Net Salv. %	Annual Rate
HYDRO PRODUCTION									
331-00-1	STRUCTURES & IMPROVEMENTS	85	R1.5	-40	0.0165	95	R2	-50	0.0158
332-00-1	RESERVOIRS, DAMS	85	S3	-40	0.0165	90	R3	-40	0.0156
333-00-1	TURBINES & GENERATORS	75	R2.5	-55	0.0207	80	R2.5	-60	0.0200
334-10-1	ACCESSORY ELEC. EQUIP.	55	R1.5	-55	0.0282	55	S0	-45	0.0264
335-00-1	MISC. POWER PLANT EQUIP.	45	L1.5	-25	0.0278	50	S1.5	-20	0.0240
OTHER PRODUCTION									
341-00-1	STRUCTURES AND IMPROVEMENTS	50	R4	-10	0.0220	55	R4	-15	0.0209
342-00-1	FUEL HOLDERS, PRODUCERS & ACCESSORIES	45	R5	-5	0.0233	55	R5	-15	0.0209
343-00-1	PRIME MOVERS	25	R5	-10	0.0440	25	R4	-10	0.0440
344-00-1	GENERATORS	40	R1	-10	0.0275	40	R2	-10	0.0275
345-00-1	ACCESSORY ELECTRIC EQUIPMENT	40	R2	-15	0.0288	35	R2.5	-20	0.0343
346-00-1	MISCELLANEOUS POWER PLANT EQUIPMENT	35	R2.5	0	0.0286	35	S2.5	0	0.0286
TRANSMISSION									
350-11&15-1	LAND & LAND RIGHTS	90	R4	0	0.0111	90	R4	0	0.0111
350-13-1	LAND & LAND RIGHTS SUBSTATIONS	80	R3	0	0.0125	80	R4	0	0.0125
352-00-1	STRUCTURES & IMPROVEMENTS	80	R3	-10	0.0138	80	R3	-15	0.0144
353-11	STATION EQUIPMENT	53	R1	-20	0.0226	52	R1.5	-20	0.0231
353-12-1	SUPERVISORY EQUIPMENT- IN USE	33	L1.5	-20	0.0364	32	L1.5	-20	0.0375
353-20-1	SUPERVISORY EQUIPMENT- HELD	35	R1	-20	0.0343	40	S0	-20	0.0300
353-30-1	STATION EQUIP-ELECTRONIC	30	S2	-20	0.0400	30	S2	-20	0.0400
354-00-1	TOWERS & FIXTURES	80	R2.5	-30	0.0163	80	R3	-30	0.0163
355-00, 10 & 15-1	POLES & FIXTURES	55	R2.5	-50	0.0273	52	R2	-50	0.0288
356-10-1	OVERHEAD COND. & DEVICES	70	R1.5	-35	0.0193	70	R1.5	-35	0.0193
356-15-1	OVERHEAD COND. & DEV. 345KV	65	R2	-35	0.0208	65	R2	-40	0.0215
356-20&25-1	OVERHEAD LINES, CLEARING	65	R2	-35	0.0208	70	R3	-40	0.0200
357-00-1	UNDERGROUND CONDUIT	40	R0.5	0	0.0250	41	R0.5	0	0.0244
358-00-1	UNERGROUN COND. & DEVICES	60	R2.5	-5	0.0175	55	R3	-5	0.0191
DISTRIBUTION									
360-11&22-1	LAND & LAND RIGHTS - OH	80	S3	0	0.0125	80	S4	0	0.0125
360-13 & 23-1	LAND & LAND RIGHTS - SUB & UND	70	S3	0	0.0143	70	S3	0	0.0143
361-00-1	STRUCTURES & IMPROVEMENTS	80	R2	-20	0.0150	80	R3	-20	0.0150
362-11-1	STATION EQUIPMENT-IN USE	55	R1.5	-25	0.0227	54	S0.5	-25	0.0231
362-12-1	SUPERVISORY EQUIPMENT	30	R2	-25	0.0417	30	S0.5	-25	0.0417
362-20-1	STATION EQUIPMENT-HELD	45	S1	-25	0.0278	44	S1.5	-25	0.0284
362-30-1	STATION EQUIP-ELECTRONICS	32	S0	-25	0.0391	30	S0	-25	0.0417
364-00-1	POLES & FIXTURES	60	R0.5	-35	0.0225	56	R0.5	-40	0.0250
365-10&20-1	OVHD. CONDUCTORS & DEVICES	70	R0.5	-40	0.0200	70	R0.5	-40	0.0200
366-11&22-1	UNDERGROUND CONDUIT	80	R4	-10	0.0138	80	R4	-10	0.0138
367-00-1	UNDERGROUND COND. & DEVICES	75	R3	-15	0.0153	75	R3	-15	0.0153
368-00-1	TRANSFORMERS	41	S0	-10	0.0268	42	S0	-15	0.0274
369-10-1	OVERHEAD SERVICES	65	R1.5	-60	0.0246	65	R2	-65	0.0254
*369-21&22-1	UNDERGROUND SERVICES	65	R1.5	-10	0.0169	65	R2	-10	0.0169
370-11&20-1	METERS & INSTALLATION	30	O1	0	0.0333	33	L0.5	0	0.0303
371-00-1	INSTALLATION ON CUST. PREMISES	30	O2	-15	0.0383	24	R0.5	-20	0.0500
372-10-1	LEASED PROP. ON CUST. PREMISES	7	R1	5	0.1357	8	L1.5	0	0.1250
373-00-1	STREET LIGHTS & CONDUCTORS	35	O2	-15	0.0329	30	O1	-10	0.0367
GENERAL PLANT									
390-00-1	STRUCTURES AND IMPROVEMENTS	40	O2	-40	0.0350	40	R0.5	-30	0.0325

Appendix V, Sheet 2 of 3

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Depreciation Factors and Rates

		Effective as of 7/1/18				Effective as of 7/1/21			
GAS									
Account	Account Description	ASL	Curve Type	Net Salv. %	Annual Rate	ASL	Curve Type	Net Salv. %	Annual Rate
TRANSMISSION									
365-11&20-2	LAND & LAND RIGHTS	75	R3	0	0.0133	75	R3	0	0.0133
366-20-2	STRUCTURES & IMPROVEMENTS	65	S1	-25	0.0192	65	S1	-25	0.0192
367-00-2	MAINS	85	R4	-25	0.0147	85	R4	-25	0.0147
369-11-2	STATION EQUIPMENT	40	L0	-25	0.0313	40	L0	-25	0.0313
369-12-2	SUPERVISORY EQUIPMENT	22	L1.5	-25	0.0568	22	L1.5	-25	0.0568
369-30-2	SUPERVISORY EQUIPMENT - ELECTRONIC	19	L2	-25	0.0658	19	L2	-25	0.0658
DISTRIBUTION									
374-11 & 13-2	LAND & LAND RIGHTS	85	R4	0	0.0118	85	R4	0	0.0118
375-00-2	STRUCTURES & IMPROVEMENTS	55	S1.5	-15	0.0209	55	S1.5	-15	0.0209
376-00-&11, 12,13-2	MAINS	95	R2.5	-45	0.0153	95	R2.5	-45	0.0153
378-11-2	STATION EQUIPMENT	36	L0.5	-45	0.0403	36	L0.5	-45	0.0403
378-12 & 30-2	SUPERVISORY EQUIPMENT	38	L0.5	-45	0.0382	38	L0.5	-45	0.0382
380-00-2	SERVICES	81	R1.5	-60	0.0198	81	R1.5	-60	0.0198
381-00-2	METERS	28	L1.5	0	0.0357	28	L1.5	0	0.0357
382-00-2	METER INSTALLATIONS	28	L1.5	0	0.0357	28	L1.5	0	0.0357
385-00-2	INDUSTRIAL-STATION EQUIPMENT	45	R2	-30	0.0289	45	R2	-30	0.0289
385-10-2	INDUSTRIAL-STATION EQUIPMENT	40	S3.0	-30	0.0325	40	S3.0	-30	0.0325
IROQUOIS TRANSMISSION									
365-50-2 ASL	LAND & LAND RIGHTS	70	R4	0	0.0143	70	R4	0	0.0143
365-50-2 RL	LAND & LAND RIGHTS- original cost only fully amortized 12/31/2007			0	0.0000			0	0.0000
366-50-2 ASL	STRUCTURES & IMPROVEMENTS	50	S1	-25	0.0250	50	S1	-25	0.0250
366-50-2 RL	STRUCTURES & IMPROVEMENTS- original cost only fully amortized			-55	0.0110			-55	0.0110
367-50-2 ASL	MAINS	80	R3	-25	0.0156	80	R3	-25	0.0156
367-50-2 RL	MAINS- original cost only fully amortized			-25	0.0031			-25	0.0031
369-51-2 ASL	STATION EQUIPMENT	40	L0	-25	0.0313	40	L0	-25	0.0313
369-51-2 RL	STATION EQUIPMENT -original cost only fully amortized			-25	0.0063			-25	0.0063
369-52-2 ASL	SUPERVISORY EQUIPMENT	22	L2	-25	0.0568	22	L2	-25	0.0568
369-52-2 RL	SUPERVISORY EQUIPMENT- original cost only fully amortized			-25	0.0132			-25	0.0132

Appendix V, Sheet 3 of 3

Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Depreciation Factors and Rates

Effective as of 7/1/18					Effective as of 7/1/21				
COMMON									
Account	Account Description	ASL	Curve Type	Net Salv. %	Annual Rate	ASL	Curve Type	Net Salv. %	Annual Rate
390-00 & 11-4	General Structures & Improvements	50	O1	-55	0.0310	50	O1	-55	0.0310
392-10-4	Transportation Equip- Electric	10	L2.5	+10	0.0900	10	L2.5	+10	0.0900
392-20-4	Transportation Equip- Gas	10	L2.5	+10	0.0900	10	L2.5	+10	0.0900
392-40-4	Transportation Equip- Common	10	L2.5	+10	0.0900	10	L2.5	+10	0.0900
396-10-4	Power Operated Equip- Electric	12	L3	+10	0.0750	12	L3	+10	0.0750
396-20-4	Power Operated Equip- Gas	12	L3	+15	0.0708	12	L3	+15	0.0708
396-40-4	Power Operated Equip- Common	12	L3	+15	0.0708	12	L3	+15	0.0708
COMMON VINTAGE									
Account	Account Description	ASL	Type	%	Rate	ASL	Type	%	Rate
391-11-4	EDP Equip- System and Main Frame	8	SQ	+0	0.1250	8	SQ	+0	0.1250
391-12-4	EDP- Systems Operations - SCADA	12	SQ	+0	0.0833	12	SQ	+0	0.0833
391-21-4	Data Handling Equipment	20	SQ	+0	0.0500	20	SQ	+0	0.0500
391-22-4	Office Furniture	20	SQ	+0	0.0500	20	SQ	+0	0.0500
393-00-4	Stores Equipment	35	SQ	+0	0.0286	35	SQ	+0	0.0286
393-20-4	Stores Equipment- Forklifts	35	SQ	+0	0.0286	35	SQ	+0	0.0286
394-10-4	Garage & Repair Equipment	30	SQ	+0	0.0333	30	SQ	+0	0.0333
394-20-4	Shop Equipment	30	SQ	+0	0.0333	30	SQ	+0	0.0333
394-30-4	Tools & Work Equipment	30	SQ	+0	0.0333	30	SQ	+0	0.0333
395-10-4	Laboratory Equipment	35	SQ	+0	0.0286	35	SQ	+0	0.0286
395-20-4	Laboratory Equipment- R&D	35	SQ	+0	0.0286	35	SQ	+0	0.0286
397-10-4	Communication Equipment - Radio	20	SQ	+0	0.0500	20	SQ	+0	0.0500
397-20-4	Communication Equipment - Telephone	10	SQ	+0	0.1000	10	SQ	+0	0.1000
398-00-4	Miscellaneous General Equipment	30	SQ	+0	0.0333	30	SQ	+0	0.0333

Appendix W
Sheet 1 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

Earnings Adjustment Mechanisms

The following table lists the maximum award opportunity for each EAM during calendar years 2022-2024. In no event shall the annual max monetary award earned from total metrics be more than the value of 100 basis points per gas or electric system.

Annual Max Dollar Award (1) (2)	2022	2023	2024
Energy Efficiency EAMs			
Electric Energy Efficiency EAM	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings
Gas Energy Efficiency EAM	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings
Combined Gas and Electric Energy Efficiency LMI EAM (Electric)	\$0	\$0	\$484,000
Combined Gas and Electric Energy Efficiency LMI EAM (Gas)	\$0	\$0	\$208,500
System Efficiency EAMs			
Electric Peak Reduction EAM	\$865,000	\$907,000	\$968,000
Gas Peak Reduction EAM	\$185,500	\$195,000	\$208,500
Load Factor EAM	N/A	N/A	N/A
Residential Energy Intensity Metric	N/A	N/A	N/A
Commercial Energy Intensity Metric	N/A	N/A	N/A
DER Utilization EAM	\$865,000	\$907,000	\$968,000
Beneficial Electrification EAMs			
EV Supply Equipment & Infrastructure EAM: DC Fast Charger Installations	\$519,000	\$0	\$0
EV Supply Equipment & Infrastructure EAM: Level 2 Charger Installations	\$778,500	\$0	\$0
EV Adoption EAM	\$865,000	\$907,000	\$968,000
Heat Pump EAM	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings	Determined formulaically – 30% of Savings
Total Electric (3)	\$3,892,500	\$2,721,000	\$3,388,000
Total Gas (4)	\$185,500	\$195,000	\$417,000

- (1) Electric basis point values are \$86,500, \$90,700, and \$96,800 in RY1, RY2, and RY3, respectively
- (2) Gas basis point values are \$37,100, \$39,000, and \$41,700 in RY1, RY2, and RY3, respectively
- (3) Does not include additional eligible Electric EE and Heat Pump Share the Savings amount
- (4) Does not include additional eligible Gas EE Share the Savings amount

Appendix W
Sheet 2 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

These EAMs will be in effect during the calendar years 2022 through 2024 unless terminated by the Commission in a generic proceeding. Additionally, metric targets tied to NENY budgets and targets may be adjusted if ordered by the Commission during the NENY Mid-Term review.

1. LMI EAM

a. Description

The Low-to-Moderate Income (LMI) EAM is designed to promote the acquisition of energy savings with the LMI customer segment. This EAM will measure Central Hudson's performance in delivering savings to qualifying customers. Eligibility and program delivery structures have been developed in accordance with, and may continue to evolve within the context of the NENY proceeding. The LMI approaches are further detailed within the LMI Implementation Plan¹. This EAM is subject to gross verified savings policy, as described in Clean Energy Guidance Document #8, "Gross Savings Verification Guidance²."

b. Metric

The LMI EAM is based on total lifecycle energy savings achieved within Central Hudson's LMI Energy Efficiency portfolio. The targets are based on combined electric and gas MMBtu achieved cumulatively between January 1, 2022 and December 31, 2024. Each year's lifecycle savings contribution will be computed using the prior calendar's portfolio EUL.

$$\begin{aligned}
 \text{LMI Energy Efficiency Target} &= \\
 &= \sum_{i=2022}^{2024} [(Baseline Target_{e,i} * EUL_{e,i-1} * 3.412) \\
 &\quad + (Baseline Target_{g,i} * EUL_{g,i-1})] * Performance Multiplier
 \end{aligned}$$

Where:

$EUL_{e,i-1}$	Weighted average portfolio EUL for Central Hudson's electric portfolio during the prior calendar year.
$EUL_{g,i-1}$	Weighted average portfolio EUL for Central Hudson's gas portfolio during the prior calendar year.
<i>Performance Multiplier</i>	105% for Minimum, 120% for Midrange, and 150% for Maximum

And $Baseline Target_e$ and $Baseline Target_g$ are first-year annual savings targets for electric and gas, as follows:

¹ Cases 18-M-0084, 14-M-0094, Statewide Low- and Moderate-Income Portfolio Implementation Plan, filed July 27, 2020.

² CE-08, Gross Savings Verification Guidance, August 23, 2019:
[http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/255ea3546df802b585257e38005460f9/\\$FILE/GSVG%208_23_2019.FINAL.pdf](http://www3.dps.ny.gov/W/PSCWeb.nsf/96f0fec0b45a3c6485257688006a701a/255ea3546df802b585257e38005460f9/$FILE/GSVG%208_23_2019.FINAL.pdf)

Appendix W
Sheet 3 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

Year	<i>Baseline Target_e</i> (MWh)	<i>Baseline Target_g</i> (MMBtu)
2022	224	2,821
2023	284	3,613
2024	359	4,631

c. Measurement

Lifecycle energy savings, which are based on first-year annualized energy savings and effective useful life (EUL), will be computed in accordance with the New York Standard Approach for Estimating Savings from Energy Efficiency Programs where applicable.

d. Achievement

To determine achievement, lifecycle energy savings will be compared against the cumulative target as computed above, following the end of 2024. Additionally, the Company is required to meet the cumulative 3 year annual minimum lifetime MMBtu target identified above for both of its electric and gas energy efficiency portfolios before it can have the opportunity to earn a monetary award for this metric.

2. Share the Savings (“STS”)

a. Description

The STS EAM is designed to promote unit cost reductions for the Company’s non-LMI electric energy efficiency, non-LMI gas energy efficiency, and heat pump portfolios. Performance will be measured based on reductions in the unit cost of lifetime energy savings as compared with the targets as approved by the Public Service Commission, as well as the overall level of energy savings achieved. Under the STS EAMs, the Company will be awarded 30% of unit cost savings realized from the Company’s acquired savings once the Company has met minimum lifetime savings targets, as provided in the metric described below. This EAM is subject to gross verified savings policy, as described in Clean Energy Guidance Document #8, “Gross Savings Verification Guidance.”

b. Metrics

The Share the Savings EAMs are computed formulaically based on first-year annualized energy savings achieved, average EUL, and expenditures associated with each respective portfolio.

c. Measurement

First-year annualized energy savings and average EUL will be computed in accordance with the New York Standard Approach for Estimating Savings from Energy Efficiency

Appendix W
Sheet 4 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

Programs where applicable. Expenditures will be tracked and reported by Central Hudson.

d. Achievement

Share the Savings EAM Achievement will be calculated as follows:

Non – LMI Electric Energy Efficiency EAM Award

$$= \left[\left(\frac{Budget_{authorized}}{MWh_{authorized} * EUL_{baseline}} \right) - \left(\frac{Expenditures_{actual}}{MWh_{actual} * EUL_{actual}} \right) \right] \\ * MWh_{actual} * EUL_{actual} * 30\%$$

Non – LMI Gas Energy Efficiency EAM Award

$$= \left[\left(\frac{Budget_{authorized}}{MMBtu_{authorized} * EUL_{baseline}} \right) - \left(\frac{Expenditures_{actual}}{MMBtu_{actual} * EUL_{actual}} \right) \right] \\ * MMBtu_{actual} * EUL_{actual} * 30\%$$

Heat Pump EAM Award

$$= \left[\left(\frac{Budget_{authorized}}{MMBtu_{authorized} * EUL_{baseline}} \right) - \left(\frac{Expenditures_{actual}}{MMBtu_{actual} * EUL_{actual}} \right) \right] \\ * MMBtu_{actual} * EUL_{actual} * 30\%$$

Where:

$EUL_{baseline}$	Weighted average portfolio ³ EUL based on the actual mix of measures acquired during the prior year , computed using EUL's from the Technical Resource Manual version that is in effect at the end of the current year
------------------	---

³ Portfolio refers to Non-LMI Electric Energy Efficiency, Non-LMI Gas Energy Efficiency, or Heat Pumps, as applicable.

Appendix W
Sheet 5 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

	for those measures. This baseline mechanism is designed to eliminate impacts from TRM changes which occur during the current (measurement) year.
EUL_{actual}	Actual weighted average portfolio EUL for the current year.
$MWh_{authorized}$ or $MMBtu_{authorized}$	Central Hudson's authorized annual portfolio energy savings targets (less LMI IP Targets) as detailed below.
MWh_{actual} or $MMBtu_{actual}$	Total first-year annualized portfolio energy savings achieved during the year.
$Budget_{authorized}$	Central Hudson's annual portfolio budgets (less LMI IP Budgets) as detailed below.
$Expenditures_{actual}$	Central Hudson's total portfolio expenditures during the current year.
Minimum lifetime savings targets	$MWh_{authorized} * EUL_{actual}$ or $MMBtu_{authorized} * EUL_{actual}$

Authorized Budgets and Targets are detailed in the tables below:

Authorized Targets ⁴			
Portfolio	Non-LMI Electric EE	Non-LMI Gas EE	Heat Pumps
Year / Units	$MWh_{authorized}$	$MMBtu_{authorized}$	$MMBtu_{authorized}$
2022	62,602	60,520	38,850
2023	66,332	63,848	48,190
2024	69,076	66,799	56,479

Authorized Budgets ⁵			
Year / Portfolio	Non-LMI Electric EE	Non-LMI Gas EE	Heat Pumps
2022	\$11,209,194	\$1,182,452	\$7,049,949
2023	\$11,944,204	\$1,279,897	\$8,265,836
2024	\$12,574,189	\$1,344,311	\$9,186,504

3. DER Utilization EAM

a. Description

The DER Utilization EAM metric incentivizes Central Hudson to work with third parties to expand the use of DER resources in the Company's service territory.

⁴ Case 18-M-0084, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios through 2025, issued and effective January 16, 2020.

⁵ Case 18-M-0084, Order Authorizing Utility Energy Efficiency and Building Electrification Portfolios through 2025, issued and effective January 16, 2020.

Appendix W
Sheet 6 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

b. Metric

This metric will measure the sum of the annualized MWh production from incremental DER in Central Hudson's service territory. The technologies included in this metric are Solar PV (Community Distributed Generation or "CDG") and Battery Storage.

c. Measurement

The DER Utilization metric will be calculated as follows:

DER Utilization (MWh) =
CDG PV MWh annualized production
+Battery storage MWh annualized discharge
+Battery storage MWh annualized charging

Annualized production will be calculated as follows:

- CDG PV Production = MW installed * 14.6% capacity factor * hours/year
- Battery Storage discharge = Daily battery inverter discharge rating (MWh) * 365 days per year
- Battery Storage charging = Daily battery inverter discharge rating (MWh) * 365 days per year / 83% round trip efficiency

d. Achievement

To determine achievement, Annual DER Utilization will be compared against the target levels as follows:

DER Utilization EAM Targets (MWh)	Target Level	2022	2023	2024
	Minimum	132,526	200,155	288,215
	Midpoint	157,769	238,280	343,113
	Maximum	189,323	285,936	411,735

b. EV Adoption EAM

a. Description

The Electric Vehicle ("EV") adoption EAM incentivizes the Company to reduce greenhouse gas ("GHG") emissions by facilitating greater penetration of EVs. EVs reduce GHGs relative to traditional internal combustion engine vehicle technologies that rely on emissions-intensive fuel sources like gasoline and diesel.

Appendix W
Sheet 7 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

b. Metric

The EV Adoption metric is an outcome-based metric and will be measured as the incremental lifetime metric tonnes (“tonnes”) of avoided CO₂ from incremental EVs registered in Central Hudson’s service territory. EVs are defined as battery electric vehicles (“BEVs”) and Plug-in hybrid electric vehicles (“PHEVs”). BEVs and PHEVs have lifetime avoided emissions factors due to their distinct fueling profiles, where BEVs displace a greater number of gasoline miles annually than do PHEVs.

c. Measurement

Incremental lifetime tonnes of CO₂ will be calculated as the number of incremental vehicles of each type multiplied by that type’s assumed avoided tonnes of CO₂ multiplied by the average vehicle lifetime. Performance will be based on publicly available vehicle registration data as published on the Atlas Public Policy – EvaluateNY website.

Battery electric vehicles (BEVs): BEV registrations * 4.4 tonnes CO₂ * 10 years

Plug-in hybrid electric vehicles (PHEVs): PHEV registrations * 2.4 tonnes CO₂ * 10 years

d. Achievement

To determine achievement, lifetime tons of CO₂ savings from BEVs and PHEVs in the Company’s service territory will be added together and measured against the target levels identified below.

EV Adoption EAM Targets (Lifetime CO₂ Tons)	Target	2022	2023	2024
	Minimum	67,828	122,064	219,700
	Midpoint	92,072	155,864	264,380
	Maximum	116,384	189,664	309,080

c. Electric Peak Reduction EAM

a. Description

The electric peak reduction (“EPR”) EAM incentivizes the Company to reduce its New York State Independent System Operator (“NYISO”) Zone G-J Locality Peak. To the extent that there is a decline in the actual weather normalized NYISO Zone G-J coincident electric peak below the baseline level established for the EPR EAM, the Company will receive an incentive under the EPR EAM.

b. Metric

Appendix W
Sheet 8 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

The minimum, midpoint and maximum levels of achievement are set below the adjusted NYISO Installed Capacity (“ICAP”) forecast Gold Book update issued in December prior to each calendar year⁶, based on the last five years of historical data (the difference between the NYISO ICAP forecast and actual peak contribution). The minimum, midpoint and maximum targets will be 0.25, 1, and 1.75 Standard Deviations below the flat 1.0% downward improvement adjustment.

$$\begin{aligned} \text{Annual Electric Peak Reduction Target (MW)} \\ &= \text{NYISO ICAP Forecast} \times (100\% - \text{Improvement Adjustment}) \\ &\quad - \text{Standard Deviation} \end{aligned}$$

Where:

<i>Improvement Adjustment</i>	1.0%
<i>Standard Deviation</i>	<i>0.25, 1.0, 1.75 for minimum, midpoint and maximum targets respectively</i>
<i>NYISO ICAP Forecast</i>	<i>NYISO Installed Capacity (“ICAP”) load forecast for Central Hudson’s system coincident with the locality G-J peak per the preceding year’s Gold Book.</i>

The data used will be the Company’s peak contribution. The EAM will always use the most recent five years of historical data. For example, Year 1 (Summer 2022) will use the five-year historical period from 2017-2021. Year 2 (Summer 2023) will use the five-year historical period from 2018-2022.

c. Measurement

Performance in the EPR EAM will be Central Hudson’s utility system demand coincident with the annual NYISO G-J locality peak.

d. Achievement

Achievement will be determined by comparing Central Hudson’s utility system demand coincident with the annual NYISO G-J Locality Peak against the targets as described above.

d. Load Factor EAM

a. Description

⁶ The final ICAP forecast is typically the final meeting of the year and can be found at www.nyiso.com/lftf.

Appendix W
Sheet 9 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

This EAM tracks the deployment of energy storage and other DER's. The company will track changes to load factor over time and monitor the potential impacts to load factor that results from the utilization of DER's throughout the system. This EAM is a tracking-only (scorecard) EAM.

b. Metric

The company will track and report the absolute load factor (non-weather normalized) at the substation level. The data can be weather normalized later if required by DPS Staff.

c. Measurement

The Company will setup an annual process to prepare substation operation data for the analysis. The Company will address the effect of incremental DERs by also calculating a "counterfactual" load factor, including the development of 8,760 load shapes, by backing out incremental additions of solar, demand response, heat pumps, EVs, and energy storage. This approach is detailed further in the table below.

Inputs	<ul style="list-style-type: none">• Historical hourly loads• Historical monthly load modifier additions (heat pumps, solar, batteries)• Load shape assumptions for load modifiers
Calculation	<ul style="list-style-type: none">• Load Factor= Average load/max load• Done for two different datasets (no weather normalization)<ul style="list-style-type: none">○ Actual loads○ Counterfactual loads: actual load plus <u>incremental</u> load modifiers * shapes
Outputs	<ul style="list-style-type: none">• Annual load factor for each substation (not normalized)• Change in load factor from previous year (Actual LF__[y]- Actual LF__[y-1])• Portion of change in load factor attributable to load modifiers (Actual LF__[y]- Counterfactual LF__[y])

d. Achievement

This EAM is tracking-only with no specific targets. The Company will report Load Factor data in its annual EAM Report.

e. EVSE EAM

Appendix W
Sheet 10 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

a. Description

The EVSE (Electric Vehicle Supply Equipment) EAM promotes performance within Central Hudson's Electric Vehicle ("EV") Make-Ready Program ("EV Make-Ready Program") is to support the development of electric infrastructure and equipment necessary to accommodate an increased deployment of EVs within New York State by reducing the upfront costs of building charging stations for light-duty EVs. Through this EV Make-Ready Program, those seeking to install or participate in the installation of Level 2 ("L2") and/or Direct Current Fast Charging ("DCFC") chargers can earn incentives that will offset a large portion of, or in some cases, all of the infrastructure costs associated with preparing a site for EV charger installation.

b. Metric & Measurement

EAM performance will be based on EVSE Level 2 and DCFC chargers for which incentives were paid under the program, the average incentive per plug paid for each type, and the number of plugs which received an incentive.

c. Achievement

EAM performance will be determined at two distinct milestones, both at the program's midpoint review, and at the end of program review, as described within the EVSE Make-Ready Program Order⁷ and subsequent Errata Notice⁸.

EAM Achievement at each milestone will be determined as detailed below:

⁷ Case 18-E-0138, Order Establishing Electric Vehicle Infrastructure Make-Ready Program and Other Programs, issued and effective July 16, 2020

⁸ Case 18-E-0138, Errata Notice, November 3, 2020

Appendix W
Sheet 11 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

EVSE Level 2 EAM Award

$$\begin{aligned}
 &= \left\{ \left[\left(\frac{\$ \text{ incentive}}{\text{plug}_{\text{public,baseline}}} \right) (\text{Plugs incented}_{\text{public,actual}}) \right. \right. \\
 &\quad + \left(\frac{\$ \text{ incentive}}{\text{plug}_{\text{non-public,baseline}}} \right) (\text{Plugs incented}_{\text{non-public,actual}}) \\
 &\quad \left. + \left(\frac{\$ \text{ incentive}}{\text{plug}_{\text{DAC,baseline}}} \right) (\text{Plugs incented}_{\text{DAC,actual}}) \right] \\
 &\quad - (\$ \text{ incentive}_{\text{public,actual}} + \$ \text{ incentive}_{\text{non-public,actual}} \\
 &\quad \left. + \$ \text{ incentive}_{\text{DAC,actual}}) \right\} (30\%)
 \end{aligned}$$

Where:

$\frac{\$ \text{ incentive}}{\text{plug}_{\text{public,baseline}}}$	\$5,400
$\frac{\$ \text{ incentive}}{\text{plug}_{\text{non-public,baseline}}}$	\$3,000
$\frac{\$ \text{ incentive}}{\text{plug}_{\text{DAC,baseline}}}$	\$6,000
$(\text{Plugs incented}_{\text{public,actual}})$	The number of qualifying public L2 plugs installed under the program, outside of disadvantaged communities, during the applicable program period.
$(\text{Plugs incented}_{\text{non-public,actual}})$	The number of L2 plugs installed under the program in non-public spaces, outside of disadvantaged communities, during the applicable program period.
$(\text{Plugs incented}_{\text{DAC,actual}})$	The number of L2 plugs installed under the program within disadvantaged communities during the applicable program period.
$\$ \text{ incentive}_{\text{public,actual}}$	Total incentives paid qualifying public L2 plugs outside of disadvantaged communities during the applicable period.
$\$ \text{ incentive}_{\text{non-public,actual}}$	Total incentives paid for non-public L2 plugs outside of disadvantaged

Appendix W
Sheet 12 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

	communities during the applicable period.
$\$ incentive_{DAC,actual}$	Total incentives paid for plugs within disadvantaged communities during the applicable period.
<i>Mid – point minimum plug requirement</i>	641
<i>End of program minimum plug requirement</i>	3,204
<i>Disadvantaged Communities</i>	Includes environmental justice and low- and moderate-income communities as well as additional areas to be determined later.

EVSE DCFC EAM Award

$$\begin{aligned}
 &= \left\{ \left[\left(\frac{\$ incentive}{kW}_{public,baseline} \right) (kW incented_{public,actual}) \right. \right. \\
 &\quad \left. \left. + \left(\frac{\$ incentive}{kW}_{DAC,baseline} \right) (kW incented_{DAC,actual}) \right] \right. \\
 &\quad \left. - (\$ incentive_{public,actual} + \$ incentive_{DAC,actual}) \right\} (30\%)
 \end{aligned}$$

Where:

$\frac{\$ incentive}{kW}_{public,baseline}$	\$330
$\frac{\$ incentive}{kW}_{DAC,baseline}$	\$367
$kW incented_{public,actual}$	Total public kW plug capacity installed outside of disadvantaged communities for the applicable program period.
$kW incented_{DAC,actual}$	Total kW plug capacity installed within disadvantaged communities for the applicable program period.
$\$ incentive_{public,actual}$	Total incentives paid for all public plugs outside of disadvantaged communities for the applicable program period.
$\$ incentive_{DAC,actual}$	Total incentives paid for all plugs within disadvantaged communities for the applicable program period.

Appendix W
Sheet 13 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

<i>Mid – point minimum plug requirement</i>	14
<i>End of program minimum plug requirement</i>	69

f. Gas Peak Reduction

a. Description

This EAM incentivizes the Company to achieve gas system peak reductions that provide additional system benefits and lower supply costs to customers. To the extent that there is a decline in the actual weather adjusted gas system peak below the prior rate year baseline level established for the Gas Peak Reduction (“GPR”) EAM, the Company will receive an incentive under the GPR EAM. (NOTE: Weather adjusted refers to the extrapolation of realized historic data up to the design day temperature in order to take into account the level to which the Company plans the necessary capacity, supply, and demand response system resources to meet firm customer demand during extreme winter peaks.)

For this EAM, the Company will use a five-year historic window of gas peak days, taking the five highest points of firm heating send-out each year and removing summer base load, to develop a trend line. These peaks are extrapolated, or weather adjusted, to the design day temperature since this is the level to which gas companies would plan for each year.

As a matter of practice, gas utilities forecast short-term daily throughput volumes, for a combination of sales and transportation customers, to ensure reliability. This covers both the current day as well as going out for up to an additional week. They compare these forecasts with actual historical data to help identify patterns of load changes, taking into account variables such as weather, days of the week, time of year and holidays. By using this methodology, these factors are being included.

b. Metric

The “heat factor” for the five highest peak day send-outs is first calculated for each of the five years prior. The peak day winter send-out will be calculated as measured, then adjusted to remove the effects of: (i) interruptible customer or non-firm usage; and (ii) baseline non-heating firm gas usage. Interruptible or non-firm customer usage shall not be included as part of peak day usage. Baseline non-heating usage will be determined as an average of the five highest send-outs during the preceding summer, less interruptible and daily-metered customer usage (all non-firm, on those summer peak days). For each of the prior five years, the peak day send-outs for the five highest peak days will be divided by the corresponding peak day HDDs to determine a heat factor. Those heat factors are then used to extrapolate each of the peak day send-outs to the design day temperature (-8 degrees F). This is done by multiplying the heat factor by the difference between the design day’s 73 HDDs and a particular peak day’s HDDs and adding that result to that particular peak day’s send-out. A simple linear regression is run on the 25

Appendix W
Sheet 14 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

data points derived from the five highest peak day send-outs for the five years prior, extrapolated to the design day temperature, to determine a trendline and standard deviation.

The minimum, midpoint, and maximum targets are set as 0.25, 1, and 1.75 standard deviations, respectively, below the trendline, where standard deviation refers to the standard error of the linear regression. The trendline will be recalculated each year with the most recent data available. The next year's targets will be set once the trendline has been recalculated.

c. Measurement

The current year's weather adjusted peak day send-out will be determined as detailed above and measured against the target reduction levels to determine achievement. The current year's five highest weather adjusted peak day send-outs will then be included in a new regression model to determine next year's target levels as explained above. The standard error of the regression will always use the most recent five years of historical data. For example, the 2022 EAM (Winter 2021/2022) will use the five-year historical period from Winter 2016/2017 through Winter 2020/2021. The 2023 EAM (Winter 2022/2023) will use the five-year historical period from Winter 2017/2018 through Winter 2021/2022. The 2024 EAM (Winter 2023/2024) will use the five-year historical period from Winter 2018/2019 through Winter 2022/2023.

d. Achievement

Achievement will be determined as the current year's weather adjusted peak day send-out as a percentage reduction below the trendline, relative to the target levels.

g. Residential Energy Intensity EAM

a. Description

This EAM tracks residential customers' total usage on a per customer basis.

b. Metric

This metric is measured as the annual residential MWh sales (Service Classes 1 and 6) divided by the 12-month average number of residential customers.

c. Measurement

This metric will be measured as the annual residential MWh sales divided by the 12-month average number of residential customers. Within this calculation the annual residential MWh sales will be: 1) normalized to correct for the weather related impacts

Appendix W
Sheet 15 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

on electricity sales, 2) reduced by the aggregate MWhs produced by Community Distributed Generation resources and allocated to residential customers through the value stack tariff, and 3) adjusted to exclude the impacts of beneficial electrification such as new load from heat pumps and electric vehicles.

The Residential Electric Energy Intensity metric will be calculated as:

$$\frac{(\text{weather normalized MWh sales}) - (\text{MWh CDG allocations}) - (\text{MWh sales associated with EVs or Heat Pumps})}{12 \text{ month average residential customers}}$$

d. Achievement

This metric is tracking-only with no specific targets. The Company will report Residential Energy Intensity data in its annual EAM Report.

h. Commercial Energy Intensity EAM

a. Description

This EAM tracks commercial customers' total usage on a per customer basis.

b. Metric

This metric is measured as the annual commercial MWh sales divided by the 12-month average number of commercial customers.

c. Measurement

The Commercial Electric Energy Intensity EAM metric incentivizes Central Hudson to reduce commercial (Service Class 2 non demand) customers' total usage on a per customer basis. This metric will be measured as the annual commercial MWh sales divided by the 12-month average number of commercial customers. Within this calculation the annual commercial MWh sales will be: 1) normalized to correct for the weather related impacts on electricity sales, 2) reduced by the aggregate MWhs produced by Community Distributed Generation resources and allocated to commercial customers through the value stack tariff, and 3) adjusted to exclude the impacts of beneficial electrification such as new load from heat pumps and electric vehicles.

The Commercial Electric Energy Intensity metric will be calculated as:

Appendix W
Sheet 16 of 16
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

(weather normalized MWh sales) – (MWh CDG allocations) – (MWh sales associated with EVs or Heat Pumps)
12 month average commercial customers

d. Achievement

This metric is tracking-only with no specific targets. The Company will report Commercial Energy Intensity data in its annual EAM Report.

Reporting

Company will submit its Annual EAM report by June 1st of each year for the prior calendar year. Annual reports should describe any EM&V activities applicable to EAM performance. The Company will also detail the application of VGS policy to certain EAMs.

2021 - 2024 Construction Forecast (\$000's)
(with inflation)

		2021	2022	2023	2024	2021-2024 Total
ELECTRIC PROGRAM						
Hydro & Gas Turbines	11	427	7,208	10,566	4,777	22,979
Transmission	12	18,293	22,885	29,321	14,980	85,480
Substations	13	20,300	14,502	20,400	25,900	81,101
New Business	14	6,624	6,729	6,881	7,170	27,404
Dist. Improvements	15	37,968	44,494	44,641	46,590	173,693
Transformers	16	5,433	5,545	5,666	5,790	22,433
Meters	17	2,673	2,727	2,784	2,842	11,025
Total Electric Program		91,718	104,091	120,258	108,049	424,115
GAS PROGRAM						
Production	21	-	-	-	-	-
Transmission	22	1,025	1,046	1,068	1,090	4,228
Regulator Stations	23	2,106	2,148	2,193	2,239	8,687
New Business	24	8,811	8,811	8,811	8,811	35,244
Dist. Improvements	25	41,049	42,346	42,390	41,829	167,614
Meters	27	2,519	2,569	2,623	2,678	10,389
Total Gas Program		55,510	56,920	57,085	56,648	226,162
COMMON PROGRAM						
Buildings	41	13,027	24,812	23,262	10,744	71,846
Buildings Minors		9,360	7,166	5,698	5,635	27,859
Major Expansion		3,668	17,646	17,564	5,109	43,987
Office Equipment	42	34,540	33,243	52,638	58,994	179,415
General	421	212	221	288	312	1,032
EMS	423	1,524	3,627	9,156	9,447	23,754
EDP	4222	2,912	3,616	3,966	2,944	13,438
Software	4220	29,384	25,329	38,646	45,806	139,165
Security	424	508	451	582	486	2,026
Tools	43	1,208	1,280	1,312	1,345	5,145
Communication	44	1,617	2,135	3,268	2,913	9,934
Transportation	45	8,457	9,078	9,260	9,442	36,236
Total Common Program		58,849	70,548	89,741	83,439	302,577
CORPORATE TOTAL		206,077	231,558	267,084	248,135	952,854
REMOVALS		10,238	14,109	17,974	19,976	62,297
TOTAL CAPITAL		216,314	245,667	285,058	268,111	1,015,150

Appendix Y
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

LEGACY HYDRO GENERATION

- A. The allocation of legacy hydro generation revenue is reflected in Appendix L.
- B. On an actual basis during the Rate Year:
1. Any variation in the monthly revenue/benefit as compared to 1/12th of the imputed revenue/benefit will be refunded to or collected on all deliveries through the Miscellaneous Charge component of the Energy Cost Adjustment Mechanism (ECAM).
 2. To the extent that any portion of hydro output is sold into the market, actual revenue will include all sources of payment including energy, capacity, and ancillary services, as applicable.
 3. To the extent that any portion of hydro output is utilized as a load modifier:
 - (a) The monthly benefit of such use will be determined as the sum of the following:
 - i. the benefit of energy will be determined as the cost the Company would have incurred if this output were purchased from the New York Independent System Operator (NYISO);
 - ii. the benefit of ancillary services will be determined by multiplying the monthly hydro output by the average ancillary rate determined by the NYISO and published in its schedule titled “NYISO Average cost/MWh (Energy and Ancillary Services)* from the LBMP Customer point of view” as included in the NYISO’s most recent Monthly Report; and,
 - iii. the benefit of capacity will be determined by multiplying the hydro output during the previous summer’s New York Control Area peak hour, as defined by the NYISO, by the capability period strip auction price for the capacity zone(s) from which the Company is required to purchase capacity by the NYISO.
 - (b) The monthly benefit will be collected from those customers purchasing their energy supply requirement from the Company through the Market Price Charge Component of the ECAM.

Appendix Z
Sheet 1 of 1
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

Expansion of Spanish Customer Support Channels – Proposed Roadmap

Proposed Project		Project Status as of 7/15/21	Target Completion Date
Spanish Website	Enable all web pages and web forms to be presented in Spanish	Project being submitted	11/30/21 (partial launch) 12/31/21 (launch)
Spanish Chatbot	Provide a Spanish version of the Chatbot that will provide information in Spanish and links to the Spanish website. Spanish Chatbot is dependent on the Spanish website to function as the solutions work together.	Project initiated and under development. Launch to coincide with Spanish website	7/31/2021 (development) 11/30/21 (partial launch) 12/31/21 (launch)
Spanish Mobile App	Provide a version of the Mobile App that will provide functionality in Spanish language.	Project being planned	Q3-Q4 2021 (development) 12/31/21 (launch)
Spanish Forms and Letters	<p>Provide customers with forms and letters in Spanish by utilizing an identifying attribute at the customer level.</p> <p>The following forms and communications will be prioritized:</p> <ul style="list-style-type: none"> • Customer Rights and Responsibilities (Residential and Non-Residential) • DPA Request • Budget Billing Enrollment Letter • LI EAP Enrollment Letter • LSE Application • Hospitalization Application • ID Theft Packet 	Cost estimates being obtained	Q1 2022
Bill Component/Details Translation	Electric, Gas, & Demand bills	Project in development	Q3 2021
Spanish Customer Bills	Provide customers with Bills in Spanish by utilizing an identifying attribute at the customer level	Research being performed	Evaluation by Q1 2022, Launch by Q2 2023

Appendix AA
Sheet 1 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

Central Hudson/NYPA Dimming Streetlight Pilot Parameters

- **Objectives:** Determine the real-world energy savings achieved by a municipality through streetlight dimming and identify whether the technology warrants longer-term inclusion in an energy efficiency program.
- **Target Location:** A minimum of 30 streetlights are needed, with preference for a mix between urban streets versus rural streets. Location will be determined in collaboration with participating municipality.
- **Participant Eligibility:** Participant(s) will be municipality(ies) with at least 30 Rate C streetlights (roughly 10 municipalities meet this criteria).
- **Recruitment:** NYPA will recruit up to three municipalities for participation in the NYPA Dimming Streetlight Pilot Proposal that satisfy the Pilot's eligibility criteria. To the extent one or more municipalities in Dutchess County elect to participate, NYPA agrees that at least one municipality located in Dutchess County will be selected to participate in the Pilot. To the extent that no Dutchess County municipality elects to participate, NYPA may select up to three municipalities outside of Dutchess County to participate in the Pilot.
- **Lighting technology:** Must be an LED fixture with dimmable capability. It can be a preexisting LED or be converted at the time that the dimming controller is installed. (Central Hudson can provide an energy efficiency incentive for those conversions if they occur, but the pilot is focused only on studying the dimming savings after conversion.)
- **Pilot Project Data Collection:** For each participating municipality, twelve months of data from the date that dimming data collection begins for all (30+) streetlights.
- **Incentive level:** \$0.08/kWh based on calculated savings from dimming data as described in the data reporting section.
- **Incentive delivery:** Annual, through the term of the rate plan. The incentive potentially will last beyond the term of the pilot to allow the municipality to recoup any upfront investment.
- **Cost:** The cost of the dimming equipment, installation, and any other enabling technologies required (communication, software platform, etc.) will be funded as determined in an agreement between the customer, NYPA, and NYPA's relevant program delivery partner(s). Central Hudson is responsible for funding the energy efficiency incentives along with administrative oversight of the pilot and its evaluation.
- **Attachments:** Any ancillary attachments required to enable dimming functionality are subject to Central Hudson's existing pole attachment process.
- **Data Reporting:** NYPA will report daily energy usage data to calculate energy savings based on the built-in energy meters within the network lighting control (NLC) nodes. Each month the daily interval data will be totaled, and the following equations will be used to calculate the dimming savings. In addition, the proposed dimming schedule will be documented and modifications to the initial schedule will be noted in the monthly analysis.
 - $\text{Baseline Energy Consumption (kWh)} = \text{appropriate LED Fixture Wattage (W)} / 1,000 \times \text{MOHrs}^*$
 - $\text{Dimmed Energy Consumption (kWh)} = \text{Measured Energy Consumption from Software}$
 - $\text{Baseline Energy Consumption} - \text{Dimmed Energy Consumption} = \text{Dimmed Energy Savings (kWh)}$
 - $\text{Dimmed Energy Savings (kWh)} \times \text{Incentive Rate (\$/kWh)} = \text{Dimming Cost Savings (\$)}$

Appendix AA
Sheet 2 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429

- Perform data validation of monthly operating hour baseline utilizing the hours of use recorded by the control node software.
- *Monthly Operating Hours (MOHrs):

January	420	July	260
February	350 (360 leap year)	August	290
March	350	September	320
April	300	October	370
May	270	November	400
June	240	December	440

- **Trade Ally Agreement:** The participating installer (which could be NYPA or its program delivery partner) will be required to become a Central Hudson Trade Ally using the application available here: <https://www.cenhud.com/globalassets/pdf/forms/trade-ally-agreement.pdf>. This is required to be an installer in any of Central Hudson's energy efficiency programs. All street light work must be performed by OSHA qualified line personnel per OSHA regulation 1910.269. The Company will update the agreement as needed to clarify that the dimming incentive does not conflict with existing Central Hudson programs and incentives.
- **Evaluation:** Central Hudson will determine the success of the pilot based on total energy saved, cost effectiveness with consideration of BCA handbook and \$/lifecycle kWh costs, as well as qualitative results for the participating municipality, such as the dimming schedules utilized, frequency of schedule changes etc. Central Hudson will interview key municipal staff in collaboration with NYPA to identify successes and challenges. The decision of whether Central Hudson will include streetlight dimming measures within its energy efficiency portfolio following the pilot will be solely determined by Central Hudson.
- **Results Reporting:** Central Hudson will identify its plans for this pilot in the next applicable SEEP update (which generally occur quarterly). Within three months of the conclusion of the pilot, Central Hudson will decide whether to include streetlight dimming within its energy efficiency portfolio or discontinue the offering and report that decision to NYPA. Central Hudson will also file the results of the pilot, including the basis for its decision, within the next applicable SEEP update.

Appendix BB
Sheet 1 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Environmental Sustainability Efforts

On January 1, 2023, Central Hudson will file a plan in these cases (20-E-0428 et al.) related to New York State's emissions reduction targets within the Climate Leadership Community Protection Act ("CLCPA") and clean energy priorities (the "Plan"). The key components of the Plan are outlined below:

- Central Hudson will inventory its direct and indirect emissions.
- Central Hudson will report progress relative to its Plan on an annual basis within this Case 20-E-0428 et al.
- Central Hudson will develop a plan to reduce its greenhouse gas emissions relative to 2019 activity. Factors to be considered will include:
 - Electric and Natural Gas load growth;
 - Potential initiatives to reduce emissions within operations (incorporation of renewables, electrification of fleet, other operational improvements); and
 - Opportunities to influence indirect emissions.
- The Plan will include Central Hudson's positive environmental actions and their expected impact relative to 2019 baseline levels. Though new initiatives are expected to emerge, actions the Company is committing to take are:
 - During the period 2021 through 2025, Central Hudson is targeting cumulative savings that equates to approximately 2.5% from 2019 gas sales. These savings will be driven by, and exceed, Central Hudson's current Energy Efficiency and Heat Pump programs.
 - During the period 2021 through 2025, Central Hudson is targeting cumulative savings that equates to approximately 6.9% of 2019 electric sales. These savings will be driven by Central Hudson's current Energy Efficiency and Heat Pump programs.
 - Central Hudson is targeting a 2% reduction in electric sales volumes by 2025 through volt-var optimization.
 - By 12/31/2025, Central Hudson will have completed decommissioning of its Natural Gas-powered Cossackie and South Cairo Simple Cycle Combustion Turbines.
 - Central Hudson targets spending at least 10% of our annual vehicle capital budget on the procurement of BEV and/or PHEV through 2025. Dependent upon the pace of technological advances in charging infrastructure (time to charge) and heavy-duty vehicle electrification, we plan to increase this to 50% or more of our annual vehicle capital budget by 2030. Central Hudson's goal is to reach 10% fleet electrification by 2025 and 50% fleet electrification by 2030.
 - Central Hudson will phase-in the elimination of the natural gas declining block rate. Elimination of the declining block rates is consistent with the promotion of energy efficiency.

Appendix BB
Sheet 2 of 2
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Environmental Sustainability Efforts

- Central Hudson will continue to support and facilitate the subscription of community distribution generation (CDG) projects through its Clean Energy Marketplace. <https://cleanenergymarket.cenhud.com/?rc=chge-website>
- Central Hudson will continue to actively seek Non-Pipes Alternatives locations and to date has targeted 41 such opportunities throughout 11 municipalities.
- Central Hudson will abide by its natural gas tariff allowance for mains, service lines and appurtenant facilities, including the 100-foot subsidy consistent with NYPSC Regulations (16 NYCRR Part 230).
- Central Hudson will continue to offer natural gas energy efficiency incentives but will not offer incentives for conversion from oil-to-natural gas. Central Hudson will modify its website as identified in Appendix CC.

Central Hudson will revise the Plan as necessary in order to comply with any subsequent Commission Orders that address the Climate Leadership and Community Protection Act.

Appendix CC
Sheet 1 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Website Changes

Website Page	Modifications
<p>Switch to Natural Gas</p> <p>https://www.cenhud.com/my-energy/simply-better/</p>	<p>Company will include mention of heat pump programs with links on the Switch to Natural Gas Page.</p> <p>Company will take out the word “switch” on the natural gas links included on the page in order to make consistent with the clean heat links</p> <p>Company edit the following language as shown below:</p> <p>Why should I switch?</p> <p>Join the 47 percent of American households that heat with natural gas with low monthly heating bills.</p>
<p>All</p>	<p>Central Hudson will remove and not include language stating that Natural Gas is cleaner or more environmentally friendly, than fuel oil or other fossil fuels.</p>
<p>Natural Gas Benefits</p> <p>https://www.cenhud.com/my-energy/simply-better/benefits/</p>	<p>Central Hudson will remove this page</p>
<p>My Energy (Drop Down Menu)</p> <p>and</p> <p>My Energy</p> <p>https://www.cenhud.com/my-energy/</p>	<p>Company will include the following link to the air and geothermal heat pump page in drop down</p> <p>https://www.cenhud.com/my-energy/my-energy-options/heat-pumps/</p>
<p>Safety</p> <p>https://www.cenhud.com/my-energy/safety/natural-gas/</p>	<p>Company will edit the following language as shown below:</p> <p>“Natural gas is clean, efficient and versatile, and used to heat more homes nationwide than all other heating fuels combined.”</p>

Appendix CC
Sheet 2 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Website Changes

Website Page	Modifications
SAVE - Residential Incentives https://www.cenhud.com/my-energy/save-energy-money/residential-incentives/	Company added a link to heat pump incentives
SAVE - Residential Incentives/Natural Gas https://www.cenhud.com/my-energy/save-energy-money/residential-incentives/natural-gas-heating-equipment-incentives/	Company will make the following edit: From: “If you don't have natural gas and are looking to switch, click here for information and incentives.” To: “If you are interested in natural gas service, click here for information”
SAVE – Business Incentives https://www.cenhud.com/my-energy/save-energy-money/business-incentives/	Company will include information regarding its small business and commercial heat pump programs on this page
SAVE – Business Incentives https://www.cenhud.com/my-energy/save-energy-money/business-incentives/	Company will rephrase language visible in Natural Gas link by making the following edits: Natural gas is good for business. Business owners interested in converting some or all of your heating system, water heating equipment and appliances to natural gas click here. can positively impact your bottom line.
Save – Energy Savings Tips https://www.cenhud.com/globalassets/pdf/save-energy/2020_energy_saving_tips_web.pdf	Pg. 14 of linked PDF, Company will rephrase language by making the following edit: Heating: Keep the area around your furnace clear. If you are adding a wood burning or pellet stove, be sure it is professionally installed and vented. Carbon monoxide poisoning can be prevented by eliminating combustion sources from your building.

Appendix CC
Sheet 3 of 3
Central Hudson Gas & Electric Corporation
Cases 20-E-0428 and 20-G-0429
Website Changes

Website Page	Modifications
<p>NYSERDA Clean Energy Hubs</p> <p>https://www.cenhud.com/globalassets/pdf/save-energy/2020_energy_saving_tips_web.pdf</p>	<p>Company will make the following change:</p> <p>will add the following link to clean heat contractors in the next revision of the Energy Saving Tips booklet.</p> <p>https://www.nyserda.ny.gov/Contractors/Find-a-Contractor/NYS-Clean-Heat-Contractors</p>
<p>Commercial Incentives</p> <p>https://www.cenhud.com/my-energy/simply-better/commercial-incentives/</p>	<p>Will add clarifying language indicating that incentives are associated with energy efficiency programs</p> <p>Will add link to new commercial heat pump program page</p>

SUBJECT: Filings by CENTRAL HUDSON GAS & ELECTRIC CORPORATION

Amendments to Schedule P.S.C. No. 15 - Electricity

First Revised Leaf No. 79
Fourth Revised Leaf No. 205.1.1
Sixth Revised Leaf No. 210.1
Seventh Revised Leaf No. 217.1
Eighth Revised Leaf No. 163.5.3
Ninth Revised Leaf No. 163.5.35
Tenth Revised Leaf No. 135
Twelfth Revised Leaf No. 205.2
Thirteenth Revised Leaves Nos. 163.5.5, 218.2
Fourteenth Revised Leaf No. 163.5.2
Fifteenth Revised Leaf No. 163.3
Seventeenth Revised Leaf No. 219
Eighteenth Revised Leaf No. 221
Nineteenth Revised Leaves Nos. 163.5.4, 165, 185, 218.1
Twentieth Revised Leaves Nos. 220, 222, 246
Twenty-Second Revised Leaves Nos. 205.1, 218, 226
Twenty-Third Revised Leaves Nos. 169, 246.1
Twenty-Fourth Revised Leaves Nos. 104, 210
Twenty-Fifth Revised Leaf No. 205
Twenty-Sixth Revised Leaf No. 217
Suspension Supplements Nos. 108, 111, 117, 119

Amendments to Schedule P.S.C. No. 12 - Gas

First Revised Leaf No. 48
Seventh Revised Leaves Nos. 129.1, 129.2
Eighth Revised Leaf No. 137
Tenth Revised Leaves Nos. 126.2, 129
Eleventh Revised Leaves Nos. 121, 181.1
Thirteenth Revised Leaf No. 73
Sixteenth Revised Leaf No. 195
Seventeenth Revised Leaf No. 151
Eighteenth Revised Leaf No. 153
Twentieth Revised Leaves Nos. 152, 158
Twenty-First Revised Leaves Nos. 181, 188, 193
Twenty-Second Revised Leaf No. 126.1
Twenty-Third Revised Leaves Nos. 186, 191
Twenty-Fourth Revised Leaf No. 149
Suspension Supplements Nos. 58, 59, 62, 63