



STATE OF NEW JERSEY
Board of Public Utilities
44 South Clinton Avenue, 1st Floor
Post Office Box 350
Trenton, New Jersey 08625-0350
www.nj.gov/bpu/

ENERGY

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF THE NEXT PHASE OF THE GAS SYSTEM MODERNIZATION PROGRAM AND ASSOCIATED COST RECOVERY MECHANISM ("GSMP II") (JUNE 2021 GSMP II RATE FILING))	DECISION AND ORDER APPROVING STIPULATION
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)	
)	
)	
)	BPU DOCKET NO. GR21060949

Parties of Record:

Brian Lipman, Esq., Director, New Jersey Division of Rate Counsel
Danielle Lopez, Esq., on behalf of Public Service Electric and Gas Company

BY THE BOARD:

On June 30, 2021, Public Service Electric and Gas Company ("PSE&G" or "Company") filed a petition with the New Jersey Board of Public Utilities ("Board" or "BPU") seeking review and approval of gas base rate changes to provide for cost recovery associated with the extension of the Company's Gas System Modernization Program ("GSMP II" or "Program") ("June 2021 Petition"). By this Order, the Board considers a Stipulation of Settlement ("Stipulation") executed by PSE&G, Board Staff ("Staff"), and the New Jersey Division of Rate Counsel ("Rate Counsel") (collectively, "Parties") intended to resolve the Company's requests related to the above docketed matter.

BACKGROUND

By Order dated November 16, 2015, the Board authorized PSE&G to implement a three (3) year Gas System Modernization Program ("GSMP") through which the Company would invest approximately \$650 million [excluding Allowance for Funds Used During Construction ("AFUDC")] to replace the Company's utilization pressure cast iron ("UPCI") and unprotected steel mains and associated services, and the uprating of the UPCI segments to higher pressure.¹ The November 2015 Order also approved a cost recovery mechanism that allowed for annual rate adjustments ("Alternative Rate Mechanism") and required PSE&G to maintain a base level of capital spending of approximately \$85 million that is not recoverable through the Alternative Rate Mechanism.

¹ In re the Petition of Public Service Electric and Gas Company for Approval of a Gas System Modernization Program and Associated Cost Recovery Mechanism, BPU Docket No. GR15030272, Order dated November 16, 2015 ("November 2015 Order").

By Order dated May 22, 2018, the Board authorized PSE&G to implement the GSMP II wherein PSE&G would: a) replace its UPCI mains and associated services and Unprotected Steel mains and associated services; b) uprate the UPCI systems (including the uprating of associated protected steel and plastic mains and associated services) to higher pressures; and c) install excess flow valves and eliminate district regulators, where applicable.² According to the GSMP II Order, costs would be eligible for recovery under the GSMP II Accelerated Rate Recovery Mechanism ("GSMP II Rate Mechanism").

Costs eligible for recovery under the GSMP II Rate Mechanism were not to exceed \$1.575 billion, representing replacement of 875 miles of main, which excludes the cost associated with the Stipulated Base and AFUDC.³ Costs recoverable under the GSMP II Rate Mechanism shall not exceed \$1.80 million per mile. Costs incurred by the Company in excess of the \$1.80 million per mile on its replacements would be credited toward the baseline capital expenditure requirement, as provided in the GSMP II Order, for the year in which the cost is incurred. For each of the five (5) years, 2019 through 2023, the Company agreed to maintain a baseline capital expenditure level of at least \$155 million. Recovery of costs in excess of \$1.80 million per mile may be sought through a base rate case. The base spend ("Stipulated Base") must be at least \$300 million during the five (5) year Program, with no less than \$20 million expended in each calendar year on certain projects.

JUNE 2021 PETITION

In compliance with the GSMP II Order, PSE&G filed the June 2021 Petition with the Board seeking approval to recover the projected revenue requirement of approximately \$33.765 million associated with the capitalized investment costs of GSMP II through August 31, 2021 not yet recovered in rates.

According to the June 2021 Petition, through May 31, 2021, PSE&G replaced approximately 638.4 miles of main and 44,054 services. The Company indicated that it anticipated having a total of 728.5 miles of main installed and in-service, and 52,433 services replaced and in-service, by August 31, 2021.

On September 15, 2021, the Company provided an update reflecting actual data through August 31, 2021 ("Update"). Through August 31, 2021, PSE&G replaced approximately 708 miles of main and 51,715 services. The Update supported a proposed revenue requirement of approximately \$27.981 million.

The GSMP II capital investment costs calculations for approximately \$27.981 million are as follows:

² In re the Petition of Public Service Electric and Gas Company for Approval of the Next Phase of the Gas System Modernization Program and Associated Cost Recovery Mechanism ("GSMP II"), BPU Docket No. GR17070776, Order dated May 22, 2018 ("GSMP II Order").

³ The Company will spend \$300 million on certain capital projects during the five (5) year Program with no less than \$20 million expended in each calendar year from 2019 through 2023. The \$300 million expenditure (i.e. Stipulated Base) shall be recoverable from base rates and not recoverable through the GSMP II Rate Mechanism. If the Company fails to spend at least \$20 million in any calendar year or \$300 million over the five (5) year period for Stipulated Base, the Company shall expend the amount of the shortfall without seeking cost recovery from ratepayers for such expenditures to make up the shortfall. See GSMP II Order at p.4.

PSE&G Gas System Modernization Program II Revenue Requirement (\$000) Docket No. GR21060949	
<u>Rate Base Calculation</u>	Total
Gross Plant	\$258,678
Accumulated Depreciation	\$7,397
Net Plant	\$266,075
Accumulated Deferred Taxes	(\$4,419)
Rate Base	\$261,656
Rate of Return – After Tax (Schedule WACC)	6.48%
Return Requirement (After Tax)	\$16,960
Depreciation Exp, net	\$3,184
Expense Adjustment (After Tax)	(\$404)
Tax Adjustment	\$0
Revenue Factor	1.4175
Roll-in Revenue Requirement	\$27,981

After publication of notice in newspapers of general circulation in the Company’s service territory, public hearings were held telephonically at 4:30 pm and 5:30 pm on September 29, 2021.⁴ One (1) member of the public spoke at the public hearings. No members of the public filed comments with the Board related to the Petition.

STIPULATION

Following the review of the June 2021 Petition, the Update, and discovery, the Parties executed the Stipulation, which provides for the following:⁵

1. The Parties agree that the Company will implement rates to recover approximately \$27.981 million.
2. The Company shall implement the rates, which were provided in the Update to Schedule SS-GSMPII-5 (UPDATE), effective upon Board approval. Schedule SS-GSMPII-5 (UPDATE) is attached to the Stipulation as Attachment 1.
3. Under the Company’s proposal, a typical residential gas heating customer using 172 therms per month during the winter months and 1,040 therms on an annual basis would see an initial increase in the annual bill from \$916.92 to \$932.36, or \$15.44, or approximately 1.68%, based on current rates in effect as of October 1, 2021.
4. The Parties agree that pursuant to the terms of the GSMP II Order, PSE&G may implement the rates in Attachment 1 of the Stipulation effective upon Board approval. The rate adjustments established in the Stipulation shall be provisional

⁴ The hearings were held telephonically due to the COVID-19 pandemic.

⁵ Although described at some length in this Order, should there be any conflict between this summary and the Stipulation, the terms of the Stipulation are controlling, subject to the findings and conclusion in this Order. Paragraphs are numbered to coincide with the Stipulation.

and subject to refund contingent upon the Board finding that PSE&G imprudently incurred capital expenditures under GSMP II. Such prudence review shall take place in the Company's next base rate case. The Company will file its next base rate case no later than January 1, 2024 ("2024 Base Rate Case"), in accordance with paragraph 40 of the GSMP II Order. Nothing in the Stipulation will preclude any party from raising any objection in the 2024 Base Rate Case that could have been raised in the annual GSMP II cost recovery filings.

DISCUSSION AND FINDINGS

The Board reviewed the record in this proceeding, including the June 2021 Petition, the Update, and the Stipulation, and **HEREBY FINDS** the Stipulation to be reasonable and in accordance with the law. Accordingly, the Board **HEREBY ADOPTS** the Stipulation in its entirety, and **HEREBY INCORPORATES** its terms and conditions as though fully set forth herein, subject to any terms and conditions set forth in this Order.

The Board **HEREBY APPROVES** the rate adjustments calculated in Attachment 1 of the Stipulation, on a provisional basis, to be effective for services rendered on and after December 1, 2021.

The annual bill impact on the typical residential gas heating customer using 172 therms in a winter month, and 1,040 therms annually, is an increase of \$15.44, or approximately 1.68%.

Accordingly, the Board **HEREBY ORDERS** PSE&G to file revised tariff sheets conforming to the terms of the Stipulation prior to December 1, 2021.

The Company's costs, including those related to GSMP II, will remain subject to audit by the Board. This Decision and Order shall not preclude, nor prohibit, the Board from taking any actions determined to be appropriate as a result of any such audit.

The effective date of this Order is November 24, 2021.

DATED: November 17, 2021

BOARD OF PUBLIC UTILITIES
BY:



JOSEPH L. FIORDALISO
PRESIDENT



MARY-ANNA HOLDEN
COMMISSIONER



DIANNE SOLOMON
COMMISSIONER



UPENDRA J. CHIVUKULA
COMMISSIONER



ROBERT M. GORDON
COMMISSIONER

ATTEST: 

AIDA CAMACHO-WELCH
SECRETARY

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR
APPROVAL OF THE NEXT PHASE OF THE GAS SYSTEM MODERNIZATION PROGRAM AND
ASSOCIATED COST RECOVERY MECHANISM ("GSMP II") (JUNE 2021 GSMP II RATE FILING)

BPU DOCKET NO. GR21060949

SERVICE LIST

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October 29, 2021

In The Matter of The Petition of Public Service Electric and Gas
Company for Approval of the Next Phase of the Gas System Modernization
Program and Associated Cost Recovery Mechanism (“GSMP II”)
(June 2021 GSMP II Rate Filing)

Docket No. GR21060949

VIA ELECTRONIC MAIL

Aida Camacho-Welch, Secretary
Board of Public Utilities
44 South Clinton Avenue
P.O. Box 350
Trenton, New Jersey 08625-0350

Dear Secretary Camacho-Welch:

Attached is the fully executed Stipulation in the above-reference matter resolving all aspects of this matter. All the parties have signed the Stipulation: Public Service Electric and Gas Company, the Staff of the New Jersey Board of Public Utilities, and the New Jersey Division of Rate Counsel.

Consistent with the Order issued by the New Jersey Board of Public Utilities (“BPU or Board”) in connection with In the Matter of the New Jersey Board of Public Utilities’ Response to the COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254, Order dated March 19, 2020, this filing is being electronically filed with the Secretary of the Board and the New Jersey Division of Rate Counsel. No paper copies will follow.

If you have any questions, please do not hesitate to contact me. Thank you for your consideration in this matter.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Danielle Lopez", written in a cursive style.

C Attached Service List (E-Mail)

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**STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES**

IN THE MATTER OF THE PETITION OF :
PUBLIC SERVICE ELECTRIC AND GAS :
COMPANY FOR APPROVAL OF THE NEXT : BPU DOCKET NO. GR21060949
PHASE OF THE GAS SYSTEM MODERNIZATION :
PROGRAM AND ASSOCIATED COST :
RECOVERY MECHANISM (“GSMP II”) :
(JUNE 2021 GSMP II RATE FILING) :

STIPULATION AND AGREEMENT

APPEARANCES:

Matthew M. Weissman, Esq., Managing Counsel—State Regulatory, PSEG Services Corp., and **Danielle Lopez, Esq.**, Associate Counsel—Regulatory General, for the Petitioner, Public Service Electric and Gas Co.

Maura Caroselli, Esq., Managing Attorney, Gas (**Brian Lipman**, Acting Director)

Matko Ilic, Deputy Attorney General, for the Staff of the New Jersey Board of Public Utilities (**Andrew J. Bruck**, Acting Attorney General of New Jersey)

On June 30, 2021, Public Service Electric and Gas Company (“PSE&G” or “Company”) filed a petition and supporting documentation with the New Jersey Board of Public Utilities (“Board” or “BPU”) seeking BPU approval for gas base rate changes to provide for cost recovery associated with PSE&G’s Gas System Modernization Program II (“GSMP II” or “Program”) through August 31, 2021 (“June 2021 Petition”). The June 2021 Petition was filed pursuant to the Board’s approval of the Company’s GSMP II, which the Board addressed in its Order dated May 22, 2018 in BPU Docket No. GR17070776.¹ The Board’s GSMP II Order adopted a

¹ In the Matter of the Petition of Public Service Electric and Gas Company for Approval of the Next Phase of the Gas System Modernization Program and Associated Cost Recovery Mechanism (“GSMP II”), Docket No. GR17070776, Order dated May 22, 2018 (“GSMP II Order”).

stipulation that authorized the request for periodic rate increases during the duration of the program.

Paragraph 36 of the stipulation associated with the GSMP II Order provides, in pertinent part, that revenue requirements associated with Program investments that are placed into service through and including August 31, 2021 shall go into base rates effective December 1, 2021. The stipulation further provides that PSE&G shall make its initial filing for such rates as of June 30, 2021, and update such filing for actual data through August 31, 2021, by September 15, 2021.

PSE&G's June 2021 Petition sought authority to establish rates to recover an annualized increase in gas revenue requirement of approximately \$33.765 million associated with actual GSMP II investment costs. The annualized increase in the gas revenue requirement was supported by Attachment 2, Schedule SS-GSMPII-2, attached to the June 2021 Petition, which was based upon actual expenditures in-service through June 1, 2021, and a forecast through August 31, 2021.

On September 15, 2021, the Company provided updated schedules in this matter that replaced the projected data in the original schedules with actual data through August 31, 2021. As a result, the Company's revenue requirement decreased from \$33.765 million to \$27.981 million as reflected in SS-GSMPII-2 (Update). The Company also provided an update to its Gas Proof of Revenue Schedule SS-GSMPII-5 (UPDATE), which included proposed rates reflecting changes from those in effect September 1, 2021. The Company provided an update to Schedule SS-GSMPII-7 (UPDATE), updating the Company's earnings test in this matter with actuals through June 30, 2021, which reflects the latest quarter of financial data filed with the Board.

Notice of the Company's June 2021 Petition, including the date, time and telephonic dial-in details for the public hearings, was placed in newspapers having a circulation within the Company's gas service territory, and served on the Clerks of the municipalities, the Clerks of the

Board of County Commissioners, and the County Executives within the Company's gas service territory.² In accordance with the notice, public hearings on the Company's request were held at 4:30 p.m. and 5:30 p.m. on September 29, 2021. One member of the public joined the public hearing and commented that while the increase associated with this matter appeared to be minimal, she inquired as to whether the increase proposed was related only to gas service.

Upon review of the June 2021 Petition, the September 15, 2021 updates, and the discovery responses, Board Staff, the New Jersey Division of Rate Counsel ("Rate Counsel"), and PSE&G, the only parties to this proceeding (collectively, "Parties"), HEREBY STIPULATE AND AGREE AS FOLLOWS:

1. The Parties agree that the Company will implement rates to recover approximately \$27.981 million.
2. The Company shall implement the rates, which were provided in the September 15, 2021 update to Schedule SS-GSMPII-5 (UPDATE), effective upon Board approval. Schedule SS-GSMPII-5 (UPDATE) is attached hereto as Attachment 1.
3. Under the Company's proposal, a typical residential gas heating customer using 172 therms per month during the winter months and 1,040 therms on an annual basis would see an initial increase in the annual bill from \$916.92 to \$932.36, or \$15.44, or approximately 1.68%, based on current rates in effect as of October 1, 2021.
4. The Parties agree that pursuant to the terms of the GSMP II Order, PSE&G may implement the rates in Attachment 1 effective upon Board approval. The rate adjustments established herein shall be provisional and subject to refund contingent upon the Board finding that

² As a result of the COVID-19 pandemic, and to comply with social distancing mandates issued by the Governor, based upon guidance from the Staff of the New Jersey Board of Public Utilities ("Board Staff") the public hearings were conducted telephonically in lieu of in-person hearings.

PSE&G imprudently incurred capital expenditures under GSMP II. Such prudency review shall take place in the Company's next base rate case. The Company will file its next base rate case no later than January 1, 2024 ("2024 Base Rate Case"), in accordance with paragraph 40 of the GSMP II Order. Nothing herein will preclude any party from raising any objection in the 2024 Base Rate Case that could have been raised in the annual GSMP II cost recovery filings.

5. This Stipulation represents a mutual balancing of interests, contains interdependent provisions and, therefore, is intended to be accepted and approved in its entirety. In the event any particular aspect of this Stipulation is not accepted and approved in its entirety by the Board, any Party aggrieved thereby shall not be bound to proceed with this Stipulation, and shall have the right to litigate all issues addressed herein to a conclusion. More particularly, in the event that this Stipulation is not adopted in its entirety by the Board in any applicable Order(s), then any Party hereto is free to pursue its then available legal remedies with respect to all issues addressed in this Stipulation as though this Stipulation had not been signed.
6. The Parties agree that they consider the Stipulation to be binding on them for all purposes herein.
7. It is specifically understood and agreed that this Stipulation represents a negotiated agreement and has been made exclusively for the purpose of these proceedings. Except as expressly provided herein, PSE&G, Board Staff, and Rate Counsel shall not be deemed to have approved, agreed to, or consented to any principle or methodology underlying or supposed to underlie any agreement provided herein, in total or by specific item. The

Parties further agree that this Stipulation is in no way binding upon them in any other proceeding, except to enforce the terms of this Stipulation.

8. The Parties further acknowledge that a Board Order approving this Stipulation will become effective upon the service of said Board Order, or upon such date after the service thereof as the Board may specify, in accordance with N.J.S.A. 48:2-40.
9. **WHEREFORE**, the Parties hereto respectfully submit this Stipulation to the Board of Public Utilities and recommend that the Board issue a Final Decision and Order adopting and approving this Stipulation in its entirety in accordance with the terms hereof.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY



BY: _____
Danielle Lopez, Esq.
Associate Counsel, Regulatory

DATED: October 27, 2021

ANDREW J. BRUCK
ACTING ATTORNEY GENERAL OF NEW JERSEY
Attorney for the Staff of the New Jersey Board of Public Utilities

BY: Matko Ilic
Matko Ilic
Deputy Attorney General

DATED: October 29, 2021

Gas Revenue Requirement Allocation Explanation of Format

Pages 2 through 5 presented in Schedule SS-GSMPII-5 (UPDATE) are the 4 relevant pages from the complete cost of service and revenue requirement allocation methodology based on the 2018 Base Rate Case Settlement, approved by the Board on October 29, 2018. Page 2 Part 1 shows the “Final” revenue requirement allocation to the each rates class and its associated functions as defined in the 2018 PSE&G Base Rate Case (Rate Case). Part 2 allocates the GSMP II Revenue Increase in accordance with the Rate Case Board Order. Pages 3 and 4 provide the interclass revenue allocations based upon the rate rules approved in the Rate Case. Page 5 provides the service charges calculations for each rate class by which are calculated in accordance with the Rate Case Board Order.

Gas Rate Design (Proof of Revenue by Rate Class) Explanation of Format

The summary provides by rate schedule the Annualized Weather Normalized (all customers assumed to be on BGSS) revenue based on current tariff rates and the proposed initial rate change. Pages 6 through 16 presented in Schedule SS-GSMPII-5 (UPDATE) are the 11 relevant pages from the complete rate change workpapers from the Company’s 2018 Gas Base Rate Case and have been appropriately modified per my testimony to reflect this GSMP II Program Roll-In.

Annualized Weather Normalized (all customers assumed to be on BGSS) and the Proposed Detailed Rate Design.

In the detailed rate design pages, all the components are separated into Delivery and Supply. In addition to the Distribution components of Delivery, also included in the schedule are lines for Balancing, Societal Benefits Charge, Margin Adjustment Charge, Weather Normalization Charge, Green Programs Recovery Charge, Tax Adjustment Credit, Miscellaneous items, and Unbilled Revenue.

Column (1) shows the annualized weather normalized billing units. Column (2) shows present Delivery rates (without Sales and Use Tax, SUT) effective September 1, 2021. The commodity rates in the Column (2) reflects October 2020 through December 2020 and January 2021 through September 2021’s class-weighted averages (BGSS-RSG uses the rate as of 6/1/2021). Column (3) presents annualized revenue assuming all customers are provided service under their applicable BGSS provision. Column (4) repeats the billing units of Column (1). Column (5) shows the proposed rates without SUT that result in the proposed revenues shown in Column (6). Columns (7) and (8) show the proposed base rate revenue increase, in thousands of dollars and percent increase, respectively, for each of the billing unit blocks. The proposed tariff charges (with and without SUT) are provided on pages 15 and 16 of this schedule.

Cost of Service and Rate Design Sync

Notes:

Part 1: 2018 Base Rate Case Final Revenue Allocation

1	Requested increase in Revenue Requirements									2018 Rate Case Schedule SS-G7 R-2, pg 2, line 16
2	Total Target Distribution Revenue Requirements									2018 Rate Case Schedule SS-G7 R-2, pg 2, line 17
3	Sum of Initial Sync Revenue Requirements									2018 Rate Case Schedule SS-G7 R-2, pg 2, line 18
4	Final Sync Adjustment Factor									2018 Rate Case Schedule SS-G7 R-2, pg 2, line 19
		Total	RSG	GSG	LVG	SLG				
5	Distribution Access	\$ 348,181,228	\$ 285,567,880	\$ 40,848,700	\$ 21,728,392	\$ 36,257				2018 Rate Case Schedule SS-G7 R-2, pg 2, line 20
6	Distribution Delivery	\$ 362,951,052	\$ 231,037,735	\$ 42,604,570	\$ 89,282,536	\$ 26,211				2018 Rate Case Schedule SS-G7 R-2, pg 2, line 21
7	Streetlighting Fixtures	\$ 417,670	\$ 0	\$ 0	\$ 0	\$ 417,670				2018 Rate Case Schedule SS-G7 R-2, pg 2, line 22
8	Customer Service	\$ 80,199,946	\$ 72,101,419	\$ 6,313,852	\$ 1,783,392	\$ 1,284				2018 Rate Case Schedule SS-G7 R-2, pg 2, line 23
9	Measurement	\$ 96,710,544	\$ 70,884,585	\$ 16,046,249	\$ 9,779,669	\$ 41				2018 Rate Case Schedule SS-G7 R-2, pg 2, line 24
10	Total	\$ 888,460,440	\$ 659,591,618	\$ 105,813,371	\$ 122,573,988	\$ 481,463				

Part 2: GSMP Roll-In Revenue Allocation

11	Requested increase in Revenue Requirements									Schedule SS-GSMP II-5 (UPDATE)
12	Total Target Distribution Revenue Requirements									= line 11 + page 3, col 2
13	Rate Case Minus Streetlight Fixtures									= line 10 - line 7
14	Target Minus Streetlight Fixtures									= line 12 - line 7
15	Final Sync Adjustment Factor									= line 14 / line 13
		Total	RSG	GSG	LVG	SLG				
16	Distribution Access	\$ 402,048,582	\$ 329,748,280	\$ 47,168,430	\$ 25,090,006	\$ 41,866				= line 5 * line 15
17	Distribution Delivery	\$ 419,103,455	\$ 266,781,740	\$ 49,195,952	\$ 103,095,497	\$ 30,266				= line 6 * line 15
18	Streetlighting Fixtures	\$ 417,670	\$ 0	\$ 0	\$ 0	\$ 417,670				= line 7
19	Customer Service	\$ 92,607,734	\$ 83,256,278	\$ 7,290,672	\$ 2,059,301	\$ 1,483				= line 8 * line 15
20	Measurement	\$ 111,672,698	\$ 81,851,188	\$ 18,528,775	\$ 11,292,688	\$ 48				= line 9 * line 15
21	Total	\$ 1,025,850,139	\$ 761,637,485	\$ 122,183,829	\$ 141,537,493	\$ 491,332				

Inter Class Revenue Allocations

Calculation of Increase Limits

<u>line #</u>	(in \$1,000)	Notes:
	Requested Revenue Increase to be	
1	recovered from rate schedule charges = \$ 27,981	Schedule SS-GSMPII-5 (UPDATE)
2	Present Distribution Revenue = \$ 997,869 from RSG, GSG, LVG & SLG	Page 4, col 3, line 11
3	Present Total Customer Bills (all on BGSS) = \$ 2,083,670	Page 4, col 5, line 11
4	Average Distribution Increase = 2.804%	= Line 1 / Line 2
5	Average Total Bill Increase = 1.343%	= Line 1 / Line 3
6	Lower Distribution increase limit = 1.402% in Distribution charges	= 0.5 * Line 4
7	Upper Distribution increase limit #1 = 4.206% in Distribution charges	= 1.5 * Line 4
8	Upper Bill increase limit #2 = 2.686% in Bill Increase	= 2.0 * Line 5
	all rounded to 0.001%	

Inter Class Revenue Allocations

Calculation of Increases

line #	(1) Rate Schedule	(2) Proposed Distribution Revenue Requirement (from COS) (in \$1,000)	(3) Present Distribution Revenue (in \$1,000)	(4) Unlimited COS Distribution Charge \$ Increase (in \$1,000)	(5) Present Total Bill Revenue (all on BGSS) (in \$1,000)	(6) Unlimited Distribution Charge Increase (%)	(7) Change in MAC & BGSS credits (in \$1,000)	(8) Limited Final Distribution Charge Increase (%)	(9) Proposed Total Bill Increase (%)	(10) Proposed Distribution Revenue Increase (in \$1,000)
<u>Calculation of TSG-F Increase</u>										
1	TSG-F	\$ 3,304.030	\$ 3,504.069	\$ (200.039)	\$ 17,589.740	-5.709%	\$ (3.221)	1.402%	0.261%	\$ 49.127
<u>Calculation of TSG-NF & CIG Increase</u>										
2	TSG-NF	---	\$ 11,251	---	\$ 100,298	---		2.804%	0.314%	\$ 315
3	CIG	---	\$ 3,278	---	\$ 21,103	---		2.804%	0.436%	\$ 92
4	CSG ¹	---	\$ 7,427	---	\$ 7,931	---		---	0.240%	\$ 19
<u>Calculation of Margin Rates (RSG, GSG, LVG & SLG) Increase</u>										
5	RSG	\$ 761,637	\$ 740,895	\$ 20,742	\$ 1,232,846	2.800%	\$ (306)	2.805%	1.661%	\$ 20,784
6	GSG	\$ 122,184	\$ 118,856	\$ 3,328	\$ 291,086	2.800%	\$ (48)	2.805%	1.129%	\$ 3,334
7	LVG	\$ 141,537	\$ 137,683	\$ 3,854	\$ 558,616	2.800%	\$ (117)	2.805%	0.670%	\$ 3,862
8	SLG	\$ 491,332	\$ 435,075	\$	\$ 1,122,050					
9	Distribution Only	\$ 73.663	\$ 20.483	\$ 53.180		259.628%	\$ (0.119)	4.206%	0.066%	\$ 0.862
10	Fixtures	\$ 417.670	\$ 414.592	\$ 3.078		0.742%		0.000%	0.000%	\$ -
11	Total for Margin Rates	\$ 1,025,850	\$ 997,869	\$ 27,981	\$ 2,083,670	2.804%	\$ (471.119)	2.804%	1.320%	\$ 27,981

¹ CSG Credits all flow back through BGSS

Notes: for TSG-F - from 2018 Rate Case Schedule SS-G7 R-2, pg 1, col 6, line 6
SS-GSMP-1 workpapers = (2) - (3)
Page 6 = (4) / (3)
SS-GSMP-1 workpapers calculated on limits = (Col 10 + Col 7) / Col 5
= (3) * (8)
for RSG, GSG, LVG & SLG from page 1, line 21

Service Charge Calculations

line #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Notes:
	Rate Schedule	Distribution Access Rev Req (in \$1,000)	Customer Service Rev Req (in \$1,000)	Measurement Rev Req (in \$1,000)	COS Indicated Total Rev Req (in \$1,000)	# of Customers	Cost Based Monthly Service Charge (\$/month)	Current Monthly Service Charge (\$/month)	Proposed Limited Monthly Service Charge (\$/month)	
1		Average Distribution Increase =			2.804%					page 3, line 4
2	RSG	329,748	83,256	81,851	494,855.746	1,635,900	\$ 25.21	\$ 8.08	\$ 8.08	Fixed per 2018 Base Rate Case
3	GSG	47,168	7,291	18,529	72,988	140,771	\$ 43.21	\$ 16.65	\$ 17.35	move to costs, limited @ 1.5 times overall avg Distribution % increase
4	LVG	25,090	2,059	11,293	38,442	18,375	\$ 174.34	\$ 147.80	\$ 154.02	move to costs, limited @ 1.5 times overall avg Distribution % increase
5	TSG-F	530	400		930	37	\$ 2,095.57	\$ 791.61	\$ 824.91	move to costs, limited @ 1.5 times overall avg Distribution % increase
6	TSG-NF							\$ 791.61	\$ 824.91	set equal to new TSG-F Service Charge
7	CIG							\$ 182.37	\$ 187.48	increase current @ average Distribution % increase
8	CSG							\$ 791.61	\$ 824.91	set equal to new TSG-F Service Charge
Notes:	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
	values for RSG, GSG & LVG for Cols 2, 3, & 4 from page 2, lines 16, 19 & 20				= (2) + (3) + (4)	RSG, GSG & LVG from 2018 Rate Case Schedule SS-G7 R-2, page 2, line 1	= Col 5 * 1000 / Col 6 / 12 rounded to \$0.01	From Tariff	based on methodology described	
	values for TSG-F for Cols 2, 3 & 4 from 2018 Rate Case Schedule SS-G7 R-2, page 1, lines 1, 4 & 5					TSG-F from COS workpapers				

RATE SCHEDULE RSG
RESIDENTIAL SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	19,630.803	8.08	\$158,617	19,630.803	8.08	\$158,617	0	0.00
2 Distribution Charge	1,494,872	0.391767	585,642	1,494,872	0.405733	606,519	20,877	3.56
3 Off-Peak Dist	56	0.195884	11	56	0.202867	11	0	0.00
4 Balancing Charge	917,326	0.080397	73,750	917,326	0.080397	73,750	0	0.00
5 SBC	1,494,928	0.042297	63,231	1,494,928	0.042297	63,231	0	0.00
6 Margin Adjustment	1,494,928	(0.006519)	(9,745)	1,494,928	(0.006519)	(9,745)	0	0.00
7 Weather Normalization	917,326	0.000000	0	917,326	0.000000	0	0	0.00
8 Green Programs Recovery Charge	1,494,928	0.006923	10,349	1,494,928	0.006923	10,349	0	0.00
9 Tax Adjustment Credit	1,494,928	(0.060650)	(90,667)	1,494,928	(0.060650)	(90,667)	0	0.00
10 Green Enabling Mechanism	1,494,928	0.000000	0	1,494,928	0.000000	0	0	0.00
11 Facilities Charges			0			0	0	0.00
12 Minimum			0			0	0	0.00
13 Miscellaneous			(15)			(14)	1	(6.67)
14 Delivery Subtotal	1,494,928		\$791,173	1,494,928		\$812,051	\$20,878	2.64
15 Unbilled Delivery			(3,571)			(3,665)	(94)	2.63
16 Delivery Subtotal w unbilled			\$787,602			\$808,386	\$20,784	2.64
17								
Supply								
19 BGSS-RSG	1,494,872	0.300123	\$448,645	1,494,872	0.300123	\$448,645	\$0	0.00
20 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
21 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	1,494,928	(0.000083)	(124)	(124)	0.00
22 Off-Peak Comm. Charge	46	0.289299	13	46	0.289299	13	0	0.00
23								
24 Miscellaneous			(1)			(1)	0.00	0.00
25 Supply subtotal	1,494,918		\$448,657	1,494,918		\$448,533	(124.00)	(0.03)
26 Unbilled Supply			(3,413)			(3,412)	1.00	(0.03)
27 Supply Subtotal w unbilled			\$445,244			\$445,121	(123.00)	(0.03)
28								
29 Total Delivery + Supply	1,494,928		\$1,232,846	1,494,928		\$1,253,507	20,661.00	1.68

33 Notes:

34 All customers assumed to be on BGSS.

35 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021

36 plus applicable BGSS charges.

37

RATE SCHEDULE GSG
GENERAL SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	1,689,246	16.65	\$28,126	1,689,246	17.35	\$29,308	\$1,182	4.20
2 Distribution Charge - Pre 7/14/97	2,183	0.304859	666	2,183	0.312060	681	15	2.25
3 Distribution Charge - All Others	295,256	0.304859	90,011	295,256	0.312060	92,138	2,127	2.36
4 Off-Peak Dist Charge - Pre 7/14/97	0	0.152430	0	0	0.156030	0	0	0.00
5 Off-Peak Dist Charge - All Others	45	0.152430	7	45	0.156030	7	0	0.00
6 Balancing Charge	173,170	0.080397	13,922	173,170	0.080397	13,922	0	0.00
7 SBC	297,484	0.042297	12,583	297,484	0.042297	12,583	0	0.00
8 Margin Adjustment	297,484	(0.006519)	(1,939)	297,484	(0.006519)	(1,939)	0	0.00
9 Weather Normalization	173,170	0.000000	0	173,170	0.000000	0	0	0.00
10 Green Programs Recovery Charge	297,484	0.006923	2,059	297,484	0.006923	2,059	0	0.00
11 Tax Adjustment Credit	297,484	(0.050734)	(15,093)	297,484	(0.050734)	(15,093)	0	0.00
12 Green Enabling Mechanism	297,484	0.000000	0	297,484	0.000000	0	0	0.00
13 Facilities Charges			0			0	0	0.00
14 Minimum			2			2	0	0.00
15 Miscellaneous			(313)			(313)	0	0.00
16 Delivery Subtotal	297,484		\$130,031	297,484		\$133,355	\$3,324	2.56
17 Unbilled Delivery			392			402	10	2.55
18 Delivery Subtotal w unbilled			\$130,423			\$133,757	\$3,334	2.56
19								
Supply								
21 BGSS	297,484	0.505799	\$150,467	297,484	0.505799	\$150,467	\$0	0.00
22 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
23 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	297,484	(0.000035)	(10)	(10)	0.00
24								
25 Miscellaneous			(51)			(51)	0	0.00
26 Supply subtotal	297,484		\$150,416	297,484		\$150,406	(10)	(0.01)
27 Unbilled Supply			10,247			10,246	(1)	(0.01)
28 Supply Subtotal w unbilled			\$160,663			\$160,652	(11)	(0.01)
29								
30 Total Delivery + Supply	297,484		\$291,086	297,484		\$294,409	\$3,323	1.14

31

32

33

34 Notes:

35 All customers assumed to be on BGSS.

36 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021

37 plus applicable BGSS charges.

38

RATE SCHEDULE LVG
LARGE VOLUME SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	220,495	147.80	\$32,589	220,495	154.02	\$33,961	\$1,372	4.21
2 Demand Charge	18,017	4.0632	73,207	18,017	4.1594	74,940	1,733	2.37
3 Distribution Charge 0-1,000 pre 7/14/97	8,974	0.043725	392	8,974	0.040665	365	(27)	(6.89)
4 Distribution Charge over 1,000 pre 7/14/97	45,378	0.043078	1,955	45,378	0.045179	2,050	95	4.86
5 Distribution Charge 0-1,000 post 7/14/97	145,700	0.043725	6,371	145,700	0.040665	5,925	(446)	(7.00)
6 Distribution Charge over 1,000 post 7/14/97	540,051	0.043078	23,264	540,051	0.045179	24,399	1,135	4.88
7 Balancing Charge	361,999	0.080397	29,104	361,999	0.080397	29,104	0	0.00
8 SBC	740,103	0.042297	31,304	740,103	0.042297	31,304	0	0.00
9 Margin Adjustment	740,103	(0.006519)	(4,825)	740,103	(0.006519)	(4,825)	0	0.00
10 Weather Normalization	361,999	0.000000	0	361,999	0.000000	0	0	0.00
11 Green Programs Recovery Charge	740,103	0.006923	5,124	740,103	0.006923	5,124	0	0.00
12 Tax Adjustment Credit	740,103	(0.023609)	(17,473)	740,103	(0.023609)	(17,473)	0	0.00
13 Green Enabling Mechanism	740,103	0.000000	\$0	740,103	0.000000	\$0	0	0.00
14 Facilities Charges			1			1	0	0.00
15 Minimum			218			218	0	0.00
16 Miscellaneous			(279)			(279)	0	(0.13)
17 Delivery Subtotal	740,103		\$180,952	740,103		\$184,814	\$3,862	2.13
18 Unbilled Delivery			(46)			(46)	0	0.00
19 Delivery Subtotal w unbilled			\$180,906			\$184,768	\$3,862	2.14
20								
21								
Supply								
23 BGSS	740,103	0.509016	\$376,724	740,103	0.509016	\$376,724	\$0	0.00
24 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
25 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	740,103	(0.000035)	(26)	(26)	0.00
26								
27 Miscellaneous			(143)			(143)	0	0.00
28 Supply Subtotal	740,103		\$376,581	740,103		\$376,555	(\$26)	(0.01)
29 Unbilled Supply			1,129			1,129	0	0.00
30 Supply Subtotal w unbilled			\$377,710			\$377,684	(\$26)	(0.01)
31								
32 Total Delivery + Supply	740,103		\$558,616	740,103		\$562,452	\$3,836	0.69

36 Notes:

37 All customers assumed to be on BGSS.

38 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021

39 plus applicable BGSS charges.

RATE SCHEDULE SLG
STREET LIGHTING SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u> (1)	<u>Rate</u> (2)	<u>Revenue</u> (3=1*2)	<u>Units</u> (4)	<u>Rate</u> (5)	<u>Revenue</u> (6=4*5)	<u>Revenue</u> (7=6-3)	<u>Percent</u> (8=7/3)
Delivery								
1 Single	10.392	13.2351	\$137.539	10.392	13.2351	\$137.539	\$0.000	0.00
2 Double Inverted	0.108	13.2351	1.429	0.108	13.2351	1.429	0.000	0.00
3 Double Upright	0.588	13.2351	7.782	0.588	13.2351	7.782	0.000	0.00
4 Triple prior to 1/1/93	18.096	13.2351	239.502	18.096	13.2351	239.502	0.000	0.00
5 Triple on and after 1/1/93	0.420	67.4762	28.340	0.420	67.4762	28.340	0.000	0.00
6 Distribution Therm Charge	678.777	0.049343	33.493	678.777	0.050613	34.355	0.862	2.57
7 SBC	678.777	0.042297	28.710	678.777	0.042297	28.710	0.000	0.00
8 Margin Adjustment	678.777	(0.006519)	(4.425)	678.777	(0.006519)	(4.425)	0.000	0.00
9 Green Programs Recovery Charge	678.777	0.006923	4.699	678.777	0.006923	4.699	0.000	0.00
10 Tax Adjustment Credit	678.777	(0.094881)	(64.403)	678.777	(0.094881)	(64.403)	0.000	0.00
11 Green Enabling Mechanism	678.777	0.000000	0.000	678.777	0.000000	0.000	0.000	0.00
12 Facilities Charges			0.000			0.000	0.000	0.00
13 Minimum			0.000			0.000	0.000	0.00
14 Miscellaneous			(13.010)			(13.010)	0.000	0.00
15 Delivery Subtotal	678.777		\$399.656	678.777		\$400.518	\$0.862	0.22
16 Unbilled Delivery			0.000			0.000	0.000	0.00
17 Delivery Subtotal w unbilled			\$399.656			\$400.518	\$0.862	0.22
18								
Supply								
20 BGSS	678.777	0.515937	\$350.206	678.777	0.515937	\$350.206	\$0.000	0.00
21 Emergency Sales Service	0.000	0.000000	0.000	0.000	0.000000	0.000	0.000	0.00
22 BGSS Contrib. from TSG-F, TSG-NF & CIG	0.000	0.000000	0.000	678.777	(0.000035)	(0.024)	(0.024)	0.00
23 Miscellaneous			131.390			131.390	0.000	0.00
24 Supply Subtotal	678.777		\$481.596	678.777		\$481.572	(\$0.024)	0.00
25 Unbilled Supply			240.798			240.786	(0.012)	0.00
26 Supply Subtotal w unbilled			\$722.394			\$722.358	(\$0.036)	0.00
27								
28 Total Delivery + Supply	678.777		\$1,122.050	678.777		\$1,122.876	\$0.826	0.07
29								
30								
31								

32 Notes:
33 All customers assumed to be on BGSS.
34 SLG units and revenues shown to 3 decimals.
35 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021
36 plus applicable BGSS charges.

RATE SCHEDULE CIG
COGENERATION INTERRUPTIBLE SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	0.166	182.37	\$30	0.166	187.48	\$31	\$1	3.33
2 Margin 0-600,000	32,835	0.081631	2,680	32,835	0.083871	2,754	74	2.76
3 Margin over 600,000	8,232	0.071631	590	8,232	0.073871	608	18	3.05
4 Extended Gas Service	0	0.150000	0	0	0.150000	0	0	0.00
5 SBC	41,067	0.042297	1,737	41,067	0.042297	1,737	0	0.00
6 Green Programs Recovery Charge	41,067	0.006923	284	41,067	0.006923	284	0	0.00
7 Tax Adjustment Credit	41,067	(0.007753)	(318)	41,067	(0.007753)	(318)	0	0.00
8 Green Enabling Mechanism	41,067	0.000000	0	41,067	0.000000	0	0	0.00
9 Facilities Charges			0			0	0	0.00
10 Minimum			0			0	0	0.00
11 Miscellaneous			0			0	0	0.00
12 Delivery Subtotal	41,067		\$5,003	41,067		\$5,096	\$93	1.86
13 Unbilled Delivery			(34)			(35)	(1)	2.94
14 Delivery Subtotal w unbilled			\$4,969			\$5,061	\$92	1.85
15								
Supply								
17 Commodity Component	41,067	0.328804	\$13,503	41,067	0.328804	\$13,503	\$0	0.00
18 Pilot Use	1,249	1.89	2,361	1,249	1.89	2,361	0	0.00
19 Penalty Use	0		0	0		0	0	0.00
20 Extended Gas Service	5		338	5		338	0	0.00
21 Miscellaneous			0			0	0	0.00
22 Supply Subtotal	42,321		\$16,202	42,321		\$16,202	\$0	0.00
23 Unbilled Supply			(68)			(68)	0	0.00
24 Supply Subtotal w unbilled			\$16,134			\$16,134	\$0	0.00
25								
26 Total Delivery + Supply	41,067		\$21,103	41,067		\$21,195	\$92	0.44

27
28
29
30 Notes:
31 All customers assumed to be on BGSS.
32 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021
33 plus applicable BGSS charges.
34

RATE SCHEDULE TSG-F
FIRM TRANSPORTATION GAS SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	0.494	791.61	\$391.055	0.494	824.91	\$407.506	\$16.451	4.21
2 Demand Charge	487	2.1205	1,032.684	487	2.1423	1,043.300	10.616	1.03
3 Demand Charge, Agreements	0	0.0000	0.000	0	0.0000	0.000	0.000	0.00
4 Distribution Charge	25,950	0.081055	2,103.377	25,950	0.081888	2,124.994	21.617	1.03
5 Distribution Charge, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
6 SBC	25,950	0.042297	1,097.607	25,950	0.042297	1,097.607	0.000	0.00
7 SBC, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
8 Margin Adjustment	25,950	(0.006519)	(169.168)	25,950	(0.006519)	(169.168)	0.000	0.00
9 Margin Adjustment, Agreements	0	(0.006519)	0.000	0	(0.006519)	0.000	0.000	0.00
10 Green Programs Recovery Charge	25,950	0.006923	179.652	25,950	0.006923	179.652	0.000	0.00
11 Green Programs Recovery Charge, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
12 Tax Adjustment Credit	25,950	(0.018498)	(480.023)	25,950	(0.018498)	(480.023)	0.000	0.00
13 Green Enabling Mechanism	25,950	0.000000	0.000	25,950	0.000000	0.000	0.000	0.00
14 Facilities Charges			0.000			0.000	0.000	0.00
15 Minimum			0.000			0.000	0.000	0.00
16 Miscellaneous			(54.034)			(54.025)	0.009	(0.02)
17 Delivery Subtotal	25,950		4,101.150	25,950		4,149.843	48.693	1.19
18 Unbilled Delivery			36.590			36.024	(0.566)	(1.55)
19 Delivery Subtotal w unbilled			4,137.740			4,185.867	48.127	1.16
20								
Supply								
22 Commodity Charge, BGSS-F	25,950	0.518382	\$13,452.000	25,950	0.518382	\$13,452.000	\$0.000	0.00
23 Emergency Sales Service	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
24 Miscellaneous			0.000			0.000	0.000	0.00
25 Supply Subtotal	25,950		\$13,452.000	25,950		\$13,452.000	\$0.000	0.00
26 Unbilled Supply			0.000			0.000	0.000	0.00
27 Supply Subtotal w unbilled			\$13,452.000			\$13,452.000	\$0.000	0.00
28								
29 Total Delivery + Supply	25,950		\$17,589.740	25,950		\$17,637.867	\$48.127	0.27

33 Notes:

34 All customers assumed to be on BGSS.

35 TSG-F revenues shown to 3 decimals.

36 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021

37 plus applicable BGSS charges.

RATE SCHEDULE TSG-NF
NON-FIRM TRANSPORTATION GAS SERVICE
Schedule SS-GSMPII-5 (UPDATE)
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge	2,218	791.61	\$1,756	2,218	824.91	\$1,830	\$74	4.21
2 Dist Charge 0-50,000	99,839	0.090843	9,070	99,839	0.093241	9,309	239	2.64
3 Dist Charge 0-50,000, Agreements	600	0.023333	14	600	0.023333	14	0	0.00
4 Dist Charge over 50,000	67,427	0.090843	6,125	67,427	0.093241	6,287	162	2.64
5 Dist Charge over 50,000, Agreements	11,318	0.023502	266	11,318	0.023502	266	0	0.00
6 SBC	167,266	0.042297	7,075	167,266	0.042297	7,075	0	0.00
7 SBC, Agreements	11,918	0.042876	511	11,918	0.042876	511	0	0.00
8 Green Programs Recovery Charge	167,266	0.006923	1,158	167,266	0.006923	1,158	0	0.00
9 Green Programs Recovery Charge, Agreements	11,918	0.005370	64	11,918	0.005370	64	0	0.00
10 Tax Adjustment Credit	167,266	(0.006487)	(1,085)	167,266	(0.006487)	(1,085)	0	0.00
11 Green Enabling Mechanism	167,266	0.000000	0	167,266	0.000000	0	0	0.00
12 Facilities Charges			5			5	0	0.00
13 Minimum			0			0	0	0.00
14 Miscellaneous			(277)			(277)	0	0.00
15 Delivery Subtotal	179,184		\$24,682	179,184		\$25,157	\$475	1.92
16 Unbilled Delivery			(8,305)			(8,465)	(160)	1.93
17 Delivery Subtotal w unbilled			\$16,377			\$16,692	\$315	1.92
18								
Supply								
20 Commodity Charge, BGSS-I	179,184	0.484413	\$86,799	179,184	0.484413	\$86,799	\$0	0.00
21 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
22 Pilot Use	26	1.890000	49	26	1.890000	49	0	0.00
23 Penalty Use	19	0.473684	9	19	0.473684	9	0	0.00
24 Miscellaneous			2			2	0	0.00
25 Supply Subtotal	179,229		\$86,859	179,229		\$86,859	\$0	0.00
26 Unbilled Supply			(2,938)			(2,938)	0	0.00
27 Supply Subtotal w unbilled			\$83,921			\$83,921	\$0	0.00
28								
29 Total Delivery + Supply	179,184		\$100,298	179,184		\$100,613	\$315	0.31

30
31
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33 Notes:
34 All customers assumed to be on BGSS.
35 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021
36 plus applicable BGSS charges.

**RATE SCHEDULE CSG
CONTRACT SERVICES
Schedule SS-GSMPII-5 (UPDATE)**
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized			Proposed			Difference	
	Weather Normalized							
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
Delivery								
1 Service Charge - Power	0.0800	791.61	\$63	0.0800	824.91	\$66	\$3	4.76
2 Service Charge - Power- Non Firm	0.0120	791.61	9	0.0120	824.91	10	1	11.11
3 Service Charge - Other	0.1090	791.61	86	0.1090	824.91	90	4	4.65
4 Distribution Charge - Power	599,445	0.006051	3,627	599,445	0.006051	3,627	0	0.00
5 Distribution Charge - Power- Non Firm	4,755	0.090843	432	4,755	0.093241	443	11	2.55
6 Distribution Charge - Other	185,648	0.011904	2,210	185,648	0.011904	2,210	0	0.00
7 Maintenance - Power	599,445	0.000142	85	599,445	0.000142	85	0	0.00
8 Maintenance - Power- Non Firm	4,755	0.000000	0	4,755	0.000000	0	0	0.00
9 Maintenance - Other	185,648	0.000113	21	185,648	0.000113	21	0	0.00
10 Pilot Use	0	0.000000	0	0	0.000000	0	0	0.00
11 Penalty Use	0	0.000000	0	0	0.000000	0	0	0.00
12 Balancing Charge (applicable only if customer uses BGSS-F)	0	0.000000	0	0	0.000000	0	0	0.00
13 SBC	789,848	0.042297	980	789,848	0.042297	980	0	0.00
14 Green Programs Recovery Charge	789,848	0.006923	149	789,848	0.006923	149	0	0.00
15 Tax Adjustment Credit	789,848	(0.000846)	(668)	789,848	(0.000846)	(668)	0	0.00
16 Green Enabling Mechanism	789,848	0.000000	0	789,848	0.000000	0	0	0.00
17 Facilities Chg.			840			840	0	0.00
18 Minimum			271			271	0	0.00
19 Sales Tax Discount - Delivery			(428)			(428)	0	0.00
20 Misc.			300			300	0	0.00
21		Delivery Subtotal	789,848			7,996	19	0.24
22 Unbilled Delivery			(95)			(95)	0	0.00
23		Delivery Subtotal w/ Unbilled	789,848			7,901	19	0.24
Supply								
26 BGSS-Firm - Power	0	0.000000	0	0	0.000000	0	0	0.00
27 BGSS-Firm - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
28 BGSS-Firm - Other	0	0.000000	0	0	0.000000	0	0	0.00
29								
30 BGSS-Interruptible - Power	0	0.000000	0	0	0.000000	0	0	0.00
31 BGSS-Interruptible - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
32 BGSS-Interruptible - Other	0	0.000000	0	0	0.000000	0	0	0.00
33								
34 Emergency Sales Svc. - Power	0	0.000000	0	0	0.000000	0	0	0.00
35 Emergency Sales Svc. - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
36 Emergency Sales Svc - Other	0	0.000000	0	0	0.000000	0	0	0.00
37								
38 Pilot Use	26	1.89	49	26	1.89	49	0	0.00
39 Penalty Use	0	0.000000	0	0	0.000000	0	0	0.00
40 Misc.	19		0	19		0	0	0.00
41		Supply Subtotal	49			49.140	0	0.00
42 Unbilled Supply			0			0	0	0.00
43		Supply Subtotal w/ Unbilled	49			49.140	0	0.00
44								
45		Total Delivery & Supply	789,893			7,950	19.00	0.24
46								

47 Notes:
48 All customers assumed to be on BGSS.
49 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2021
50 plus applicable BGSS charges.

**Gas Tariff Rates
Schedule SS-GSMPII-5 (UPDATE)**

Rate Schedule	Description	Present		Proposed	
		Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT
RSG	Service Charge	\$8.08	\$8.62	\$8.08	\$8.62
	Distribution Charges	\$0.391767	\$0.417722	\$0.405733	\$0.432613
	Balancing Charge	\$0.080397	\$0.085723	\$0.080397	\$0.085723
	Off-Peak Use	\$0.195884	\$0.208861	\$0.202867	\$0.216307
GSG	Service Charge	\$16.65	\$17.75	\$17.35	\$18.50
	Distribution Charge - Pre July 14, 1997	\$0.304859	\$0.325056	\$0.312060	\$0.332734
	Distribution Charge - All Others	\$0.304859	\$0.325056	\$0.312060	\$0.332734
	Balancing Charge	\$0.080397	\$0.085723	\$0.080397	\$0.085723
	Off-Peak Use Dist Charge - Pre July 14, 1997	\$0.152430	\$0.162528	\$0.156030	\$0.166367
	Off-Peak Use Dist Charge - All Others	\$0.152430	\$0.162528	\$0.156030	\$0.166367
LVG	Service Charge	\$147.80	\$157.59	\$154.02	\$164.22
	Demand Charge	\$4.0632	\$4.3324	\$4.1594	\$4.4350
	Distribution Charge 0-1,000 pre July 14, 1997	\$0.043725	\$0.046622	\$0.040665	\$0.043359
	Distribution Charge over 1,000 pre July 14, 1997	\$0.043078	\$0.045932	\$0.045179	\$0.048172
	Distribution Charge 0-1,000 post July 14, 1997	\$0.043725	\$0.046622	\$0.040665	\$0.043359
	Distribution Charge over 1,000 post July 14, 1997	\$0.043078	\$0.045932	\$0.045179	\$0.048172
	Balancing Charge	\$0.080397	\$0.085723	\$0.080397	\$0.085723
SLG	Single-Mantle Lamp	\$13.2351	\$14.1119	\$13.2351	\$14.1119
	Double-Mantle Lamp, inverted	\$13.2351	\$14.1119	\$13.2351	\$14.1119
	Double Mantle Lamp, upright	\$13.2351	\$14.1119	\$13.2351	\$14.1119
	Triple-Mantle Lamp, prior to January 1, 1993	\$13.2351	\$14.1119	\$13.2351	\$14.1119
	Triple-Mantle Lamp, on and after January 1, 1993	\$67.4762	\$71.9465	\$67.4762	\$71.9465
	Distribution Therm Charge	\$0.049343	\$0.052612	\$0.050613	\$0.053966

**Gas Tariff Rates
Schedule SS-GSMPII-5 (UPDATE)**

Rate Schedule	Description	Present		Proposed	
		Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT
TSG-F	Service Charge	\$791.61	\$844.05	\$824.91	\$879.56
	Demand Charge	\$2.1205	\$2.2610	\$2.1423	\$2.2842
	Distribution Charges	\$0.081055	\$0.086425	\$0.081888	\$0.087313
TSG-NF	Service Charge	\$791.61	\$844.05	\$824.91	\$879.56
	Distribution Charge 0-50,000	\$0.090843	\$0.096861	\$0.093241	\$0.099418
	Distribution Charge over 50,000	\$0.090843	\$0.096861	\$0.093241	\$0.099418
	Special Provision (d)	\$1.89	\$2.02	\$1.89	\$2.02
CIG	Service Charge	\$182.37	\$194.45	\$187.48	\$199.90
	Distribution Charge 0-600,000	\$0.081631	\$0.087039	\$0.083871	\$0.089427
	Distribution Charge over 600,000	\$0.071631	\$0.076377	0.073871	\$0.078765
	Special Provision (c) 1st para	\$1.89	\$2.02	\$1.89	\$2.02
BGSS RSG	Commodity Charge including Losses	\$0.300058	\$0.319937	\$0.299973	\$0.319846
CSG	Service Charge	\$791.61	\$844.05	\$824.91	\$879.56
	Distribution Charge - Non-Firm	\$0.090843	\$0.096861	\$0.093241	\$0.099418