



September 15, 2020

In The Matter of the Petition of
Public Service Electric and Gas Company
for Approval of Gas Base Rate Adjustments Pursuant
to the Gas System Modernization Program II
("GSMP II")
(June 2020 GSMP II Rate Filing)

BPU Docket No. GR20060464

VIA ELECTRONIC MAIL

Aida Camacho-Welch, Secretary of the Board
Board of Public Utilities
44 South Clinton Avenue, 9th Flr.
P.O. Box 350
Trenton, New Jersey 08625-0350

Dear Secretary Camacho-Welch:

Enclosed please find Public Service Electric and Gas Company's (PSE&G, the Company) updated schedules in the above-referenced matter providing actual historical data through August 31, 2020, including recalculated rates based on such data. Specifically, enclosed please find:

1. Schedule SS-GSMPII-2 (Update) Revenue Requirement Calculation Summary
 - Updated for actual results through August 31, 2020;
2. Schedule SS-GSMPII-3 (Update) WACC Calculation
 - Unchanged from original filing;
3. Schedule SS-GSMPII-4 (Update) Revenue Factor Calculation
 - Unchanged from original filing;
4. Schedule SS-GSMPII-5 – UPDATE Gas Proof of Revenue
 - Proposed rates reflecting changes from those in effect September 1, 2020;
5. Schedule SS-GSMPII-7 – UPDATE Earnings Test
 - Update for actual results through June 30, 2020; and
6. Schedule WEM-GSMPII-3 (Update) GSMP II & Stipulated Base Forecast
 - Updated for actual results through August 31, 2020.

In addition, parties on the service list will receive the electronic workpaper WP-SS-GSMPII-1

(Update).xlsx supporting the calculation of the updated revenue requirements with their e-mail of this letter and the other enclosed materials.

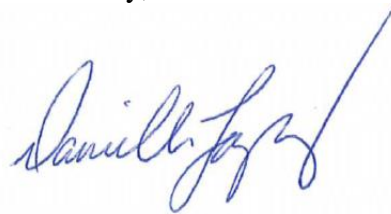
Please note that from January 1, 2020 through August 31, 2020, the Company has invested \$27.8 million in Stipulated Base, exceeding the \$20 million per year minimum and on track to exceed the \$30 million threshold requiring notification to the Board.

Please note that from January 1, 2020 through August 31, 2020, the Company has invested \$124.1 million in Baseline Capital Expenditure, and is on track to exceeds the \$155 million per year minimum of Baseline Capital Expenditure per calendar year requirement of the GSMP II Order.

The Board Order approving the Gas System Modernization Program II¹ provides that Revenue Requirements associated with GSMP II investments that are placed into service through and including 8/31/2020 “shall go into base rates effective 12/1/2020.” PSE&G suggests that to implement these provisions, this matter would need to be addressed at a Board open public meeting no later than sometime in November 2020.

Please feel to contact me with any questions on this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Daniel Lopez", is written over a light blue rectangular background.

*** Hard copies, if requested, can be provided at a later date.**

Attachment

C Attached Service List (E-Mail Only)

¹ The Gas System Modernization Program II was approved in a Board Order dated May 22, 2018 in Docket No. GR17070776. Paragraph 36 of the Stipulation adopted by that order addresses this rate filing and the provisions discussed herein.

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PSE&G Gas System Modernization Program II
Gas Roll-in Calculation
Roll-in Filing
in (\$000)

Attachment 2
Schedule SS-GSMPII-2 (Update)

Rate Effective Date 12/1/2020
Plant In Service as of Date 8/31/2020
Rate Base Balance as of Date 11/30/2020

RATE BASE CALCULATION

	Total	Notes
1 Gross Plant	\$190,169	= ln 17
2 Accumulated Depreciation	\$1,961	= ln 20
3 Net Plant	\$192,130	= ln 1 + ln 2
4 Accumulated Deferred Taxes	(\$2,259)	= See "Roll-In Detail" Wkps
5 Rate Base	\$189,870	= ln 3 + ln 4
6 Rate of Return - After Tax (Schedule WACC)	6.48%	See Schedule SS-GSMPII-3 (Update)
7 Return Requirement (After Tax)	\$12,307	= ln 5 * ln 6
8 Depreciation Exp, net	\$2,176	= ln 26
9 Expense Adjustment (After Tax)	(\$463)	= ln 35
10 Tax Adjustment	\$0	N/A
11 Revenue Factor	1.4173	See Schedule SS-GSMPII-4 (Update)
12 Roll-in Revenue Requirement	\$19,871	= (ln 7 + ln 8 + ln 9 + ln 10) * ln 11
13 Deferred Revenue Requirement from Roll-In # 2	\$49	
14 Proposed Revenue Requirement	\$19,920	

SUPPORT

Gross Plant

15 Plant in-service	\$190,169	= See "Roll-In Detail" Wkps
16 CWIP Transferred into Service	\$0	= See "Roll-In Detail" Wkps
17 AFUDC on CWIP Transferred Into Service - Debt	\$0	= See "Roll-In Detail" Wkps
18 AFUDC on CWIP Transferred Into Service - Equity	\$0	= See "Roll-In Detail" Wkps
19 Total Gross Plant	\$190,169	= ln 15 + ln 16 + ln 17 + ln 18

Accumulated Depreciation

20 Accumulated Depreciation	(\$1,430)	= See "Roll-In Detail" Wkps
21 Cost of Removal	\$3,391	= See "Roll-In Detail" Wkps
22 Net Accumulated Depreciation	\$1,961	= ln 20 + ln 21

Depreciation Expense (Net of Tax)

23 Depreciable Plant (xAFUDC-E)	\$190,169	= ln 15 + ln 16 + ln 17
24 AFUDC-E	\$0	= ln 18
25 Depreciation Rate	1.59%	= See "Roll-In Detail" Wkps
26 Depreciation Expense	\$3,027	= (ln 23 + ln 24) * ln 25
27 Tax @28.11%	\$851	= ln 23 * ln 25 * Tax Rate
28 Depreciation Expense (Net of Tax)	\$2,176	= ln 26 - ln 27

Expense Adjustments

29 Miles of Main Replaced	171	= See "Roll-In Detail" Wkps = \$3.3M / 875 miles (See Approved)
30 Agreed O&M Savings/ Mile	(\$3.77)	Stipulation)
31 O&M Savings	(\$643)	= ln 29 * ln 30
32 GSMPII related methane mapping expenses	\$0	= See "Roll-In Detail" Wkps
33 Amortization period (years)	5	program period
34 Annul methane mapping amortization expense	\$0	= ln 32 / ln 33
35 Expense Adjustment	(\$643)	= ln 31 + ln 34
36 Tax @28.11%	(\$181)	= ln 35 * Tax Rate
37 Expense Adjustment (Net of Tax)	(\$463)	= ln 35 - ln 36

PSE&G Gas System Modernization Program II
Weighted Average Cost of Capital (WACC)

Attachment 2
Schedule SS-GSMP11-3 (Update)

November 2018 Forward

	<u>Percent</u>	<u>Embedded Cost</u>	<u>Weighted Cost</u>	<u>Pre-Tax Weighted Cost</u>	<u>After-Tax Weighted Cost</u>
Common Equity	54.00%	9.60%	5.18%	7.21%	5.18%
Customer Deposits	0.47%	0.87%	0.00%	0.00%	0.00%
Long-Term Debt	45.53%	3.96%	1.80%	1.80%	1.30%
Total	100.00%		6.99%	9.02%	6.48%

Income Tax Rates

Federal Income Tax	21.00%
State NJ Business Incm Tax	9.00%
Tax Rate	28.11%

PSE&G Gas System Modernization Program II
Revenue Factor Calculation

Attachment 2
Schedule SS-GSMPII-4 (Update)

	<u>ELECTRIC</u>	<u>GAS</u>	
Revenue Increase	100.0000	100.0000	
Uncollectible Rate		1.6000	2018 Base Rate Case
BPU Assessment Rate	0.2026	0.2026	2020 BPU Assessment
Rate Counsel Assessment Rate	<u>0.0543</u>	<u>0.0543</u>	2020 RC Assessment
Income before State of NJ Bus. Tax	99.7431	98.1431	
State of NJ Bus. Income Tax @ 9.00%	<u>8.9769</u>	<u>8.8329</u>	
Income Before Federal Income Taxes	90.7662	89.3102	
Federal Income Taxes @ 21%	<u>19.0609</u>	<u>18.7551</u>	
Return	<u>71.7053</u>	<u>70.5551</u>	
Revenue Factor	<u>1.3946</u>	<u>1.4173</u>	

Gas Revenue Requirement Allocation Explanation of Format

Pages 2 through 5 presented in Schedule SS-GSMP II-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-GSMP II-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, 2020. The commodity rates in the Column (2) reflects October 2019 through December 2019 and January 2020 through September 2020's class-weighted averages (BGSS-RSG uses the rate as of 7/16/2020). 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-GSMPII-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	\$ 382,714,211	\$ 313,890,804	\$ 44,900,117	\$ 23,883,437	\$ 39,853	= line 5 * line 15
17	Distribution Delivery	\$ 398,948,921	\$ 253,952,302	\$ 46,830,137	\$ 98,137,672	\$ 28,810	= line 6 * line 15
18	Streetlighting Fixtures	\$ 417,670	\$ 0	\$ 0	\$ 0	\$ 417,670	= line 7
19	Customer Service	\$ 88,154,262	\$ 79,252,514	\$ 6,940,066	\$ 1,960,270	\$ 1,411	= line 8 * line 15
20	Measurement	\$ 106,302,398	\$ 77,914,994	\$ 17,637,733	\$ 10,749,626	\$ 46	= line 9 * line 15
21	Total	\$ 976,537,462	\$ 725,010,613	\$ 116,308,053	\$ 134,731,006	\$ 487,790	

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 =	\$ 19,920	Schedule SS-GSMPII-5 (Update)
2	Present Distribution Revenue =	\$ 956,618	from RSG, GSG, LVG & SLG
3	Present Total Customer Bills (all on BGSS) =	\$ 1,940,763	
4	Average Distribution Increase =	2.082%	= Line 1 / Line 2
5	Average Total Bill Increase =	1.026%	= Line 1 / Line 3
6	Lower Distribution increase limit =	1.041% in Distribution charges	= 0.5 * Line 4
7	Upper Distribution increase limit #1 =	3.123% in Distribution charges	= 1.5 * Line 4
8	Upper Bill increase limit #2 =	2.052% in Bill Increase	= 2.0 * Line 5
	all rounded to 0.001%		

Inter Class Revenue Allocations

Calculation of Increases

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Proposed Distribution Revenue Requirement (from COS)	Present Distribution Revenue	Unlimited COS Distribution Charge \$ Increase	Present Total Bill Revenue (all on BGSS)	Unlimited Distribution Charge Increase	Change in MAC & BGSS credits	Limited Final Distribution Charge Increase	Proposed Total Bill Increase	Proposed Distribution Revenue Increase
line #	Rate Schedule	(in \$1,000)	(in \$1,000)	(in \$1,000)	(in \$1,000)	(%)	(in \$1,000)	(%)	(%)	(in \$1,000)
<u>Calculation of TSG-F Increase</u>										
1	TSG-F	\$ 3,304.030	\$ 3,430.475	\$ (126.445)	\$ 14,935.055	-3.686%	\$ (2.304)	1.041%	0.224%	\$ 35.711
<u>Calculation of TSG-NF & CIG Increase</u>										
2	TSG-NF	----	\$ 10,785	----	\$ 84,214	----		2.082%	0.267%	\$ 225
3	CIG	----	\$ 3,144	----	\$ 16,908	----		2.082%	0.384%	\$ 65
4	CSG ¹	----	\$ 7,401	----	\$ 7,727	----		----	0.168%	\$ 13
<u>Calculation of Margin Rates (RSG, GSG, LVG & SLG) Increase</u>										
5	RSG	\$ 725,011	\$ 709,288	\$ 15,723	\$ 1,188,908	2.217%	\$ (217)	2.223%	1.308%	\$ 15,765
6	GSG	\$ 116,308	\$ 113,788	\$ 2,520	\$ 258,912	2.215%	\$ (33)	2.221%	0.963%	\$ 2,527
7	LVG	\$ 134,731	\$ 133,108	\$ 1,623	\$ 491,940	1.219%	\$ (84)	1.223%	0.314%	\$ 1,627
8	SLG	\$ 487,790	\$ 433,824	\$	\$ 1,002,806					
9	Distribution Only	\$ 70.120	\$ 19.232	\$ 50.888		264.601%	\$ (0.085)	3.123%	0.051%	\$ 0.601
10	Fixtures	\$ 417.670	\$ 414.592	\$ 3.078		0.742%		0.000%	0.000%	\$ -
11	Total for Margin Rates	\$ 976,537	\$ 956,618	\$ 19,920	\$ 1,940,763	2.082%	\$ (334.085)	2.082%	1.009%	\$ 19,920

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:
1	Average Distribution Increase =				2.082%					page 3, line 4
	Rate Schedule	Distribution Access Rev Req	Customer Service Rev Req	Measurement Rev Req	COS Indicated Total Rev Req	# of Customers	Cost Based Monthly Service Charge	Current Monthly Service Charge	Proposed Limited Monthly Service Charge	
		(in \$1,000)	(in \$1,000)	(in \$1,000)	(in \$1,000)		(\$/month)	(\$/month)	(\$/month)	
2	RSG	313,891	79,253	77,915	471,058.311	1,635,900	\$ 24.00	\$ 8.08	\$ 8.08	Fixed per 2018 Base Rate Case
3	GSG	44,900	6,940	17,638	69,478	140,771	\$ 41.13	\$ 15.63	\$ 16.12	move to costs, limited @ 1.5 times overall avg Distribution % increase
4	LVG	23,883	1,960	10,750	36,593	18,375	\$ 165.96	\$ 138.78	\$ 143.11	move to costs, limited @ 1.5 times overall avg Distribution % increase
5	TSG-F	530	400		930	37	\$ 2,095.57	\$ 743.29	\$ 766.50	move to costs, limited @ 1.5 times overall avg Distribution % increase
6	TSG-NF							\$ 743.29	\$ 766.50	set equal to new TSG-F Service Charge
7	CIG							\$ 174.83	\$ 178.47	increase current @ average Distribution % increase
8	CSG							\$ 743.29	\$ 766.50	set equal to new TSG-F Service Charge
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Notes:	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				

GAS PROOF OF REVENUE

SUMMARY

GAS RATE INCREASE

Schedule SS-GSMP11-5 (Update)

(Therms & Revenue - Thousands, Rate - \$/Therm)

Rate Schedule		Annualized Weather Normalized		Proposed		Difference	
		Therms (1)	Revenue (2)	Therms (3)	Revenue (4)	Revenue (5)	Percent (6)
1	RSG	1,494,928	\$1,188,908	1,494,928	\$1,204,587	\$15,679	1.32
2	GSG	297,484	258,912	297,484	261,433	2,521	0.97
3	LVG	740,103	491,940	740,103	493,546	1,606	0.33
6	SLG	679	1,002.806	679	1,003.382	0.576	0.06
7	Subtotal	2,533,194	1,940,763	2,533,194	1,960,570	19,807	1.02
8							
9	TSG-F	25,950	14,935.055	25,950	14,970.766	35.711	0.24
10	TSG-NF	179,184	84,214	179,184	84,439	225	0.27
11	CIG	41,067	16,908	41,067	16,974	66	0.39
12	CSG	789,848	7,727	789,848	7,740	13	0.17
13	Subtotal	1,036,049	123,784	1,036,049	124,124	340	0.27
14							
15	Totals	3,569,243	2,064,547	3,569,243	2,084,694	\$20,147	0.98
16							
17							
18							
19							
20							
21							
22							
Less change in MAC included above						\$227	
Gas Revenue Requirement						\$19,920	
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39	Notes:						
40	All customers assumed to be on BGSS.						
41	SLG units and revenues shown to 3 decimals.						
42	TSG-F revenues shown to 3 decimals.						
43	Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020						
44	plus applicable BGSS charges.						

Increase Before
Mac AdjustmentIncrease
AboveMAC
Adjustment

RSG	\$15,548	\$15,679	131
GSG	2,495	2,521	26
LVG	1,541	1,606	65
SLG	0.517	0.576	0.059
Subtotal	19,585	19,807	222
TSG-F	33.407	35.711	2.304
TSG-NF	225	225	0
CIG	64	66	2
CSG	13	13	0
Subtotal	335	340	4
Totals	\$19,920	\$20,147	226

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	0.370528	553,892	1,494,872	0.381121	569,727	15,835	2.86
3 Off-Peak Dist	56	0.185264	10	56	0.190561	11	1	10.00
4 Balancing Charge	917,326	0.092492	84,845	917,326	0.092492	84,845	0	0.00
5 SBC	1,494,928	0.052228	78,077	1,494,928	0.052228	78,077	0	0.00
6 Margin Adjustment	1,494,928	(0.008665)	(12,954)	1,494,928	(0.008665)	(12,954)	0	0.00
7 Weather Normalization	917,326	(0.004800)	(4,403)	917,326	-0.004800	(4,403)	0	0.00
8 Green Programs Recovery Charge	1,494,928	0.004090	6,114	1,494,928	0.004090	6,114	0	0.00
9 Tax Adjustment Credit	1,494,928	(0.082962)	(124,022)	1,494,928	(0.082962)	(124,022)	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)			(15)	0	0.00
14 Delivery Subtotal	1,494,928		\$740,161	1,494,928		\$755,997	\$15,836	2.14
15 Unbilled Delivery			(3,341)			(3,411)	(70)	2.10
16 Delivery Subtotal w unbilled			\$736,820			\$752,586	\$15,766	2.14
17								
Supply								
19 BGSS-RSG	1,494,872	0.304738	\$455,544	1,494,872	0.304738	\$455,544	\$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	(0.000059)	(88)	(88)	0.00
22 Off-Peak Comm. Charge	46	0.232359	11	46	0.232359	11	0	0.00
23								
24 Miscellaneous			(1)			(1)	0.00	0.00
25 Supply subtotal	1,494,918		\$455,554	1,494,918		\$455,466	(88.00)	(0.02)
26 Unbilled Supply			(3,466)			(3,465)	1.00	(0.03)
27 Supply Subtotal w unbilled			\$452,088			\$452,001	(87.00)	(0.02)
28								
29 Total Delivery + Supply	1,494,928		<u>\$1,188,908</u>	1,494,928		<u>\$1,204,587</u>	<u>15,679.00</u>	1.32
30								
31								
32								

33 Notes:

34 All customers assumed to be on BGSS.

35 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

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	
	<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)
<u>Delivery</u>								
1 Service Charge	1,689,246	15.63	\$26,403	1,689,246	16.12	\$27,231	\$828	3.14
2 Distribution Charge - Pre 7/14/97	2,183	0.293661	641	2,183	0.299346	653	12	1.87
3 Distribution Charge - All Others	295,256	0.293661	86,705	295,256	0.299346	88,384	1,679	1.94
4 Off-Peak Dist Charge - Pre 7/14/97	0	0.146831	0	0	0.149673	0	0	0.00
5 Off-Peak Dist Charge - All Others	45	0.146831	7	45	0.149673	7	0	0.00
6 Balancing Charge	173,170	0.092492	16,017	173,170	0.092492	16,017	0	0.00
7 SBC	297,484	0.052228	15,537	297,484	0.052228	15,537	0	0.00
8 Margin Adjustment	297,484	(0.008665)	(2,578)	297,484	(0.008665)	(2,578)	0	0.00
9 Weather Normalization	173,170	(0.004800)	(831)	173,170	(0.004800)	(831)	0	0.00
10 Green Programs Recovery Charge	297,484	0.004090	1,217	297,484	0.004090	1,217	0	0.00
11 Tax Adjustment Credit	297,484	(0.068844)	(20,480)	297,484	(0.068844)	(20,480)	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		\$122,327	297,484		\$124,846	\$2,519	2.06
17 Unbilled Delivery			369			378	9	2.44
18 Delivery Subtotal w unbilled			\$122,696			\$125,224	\$2,528	2.06
19								
<u>Supply</u>								
21 BGSS	297,484	0.428860	\$127,579	297,484	0.428860	\$127,579	\$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	(0.000025)	(7)	(7)	0.00
24								
25 Miscellaneous			(51)			(51)	0	0.00
26 Supply subtotal	297,484		\$127,528	297,484		\$127,521	(7)	(0.01)
27 Unbilled Supply			8,688			8,688	0	0.00
28 Supply Subtotal w unbilled			\$136,216			\$136,209	(7)	(0.01)
29								
30 Total Delivery + Supply	297,484		\$258,912	297,484		\$261,433	\$2,521	0.97

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34 Notes:

35 All customers assumed to be on BGSS.

36 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

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	
	<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 Service Charge	220,495	138.78	\$30,600	220,495	143.11	\$31,555	\$955	3.12
2 Demand Charge	18,017	3.9633	71,407	18,017	3.9893	71,875	468	0.66
3 Distribution Charge 0-1,000 pre 7/14/97	8,974	0.044475	399	8,974	0.045986	413	14	3.51
4 Distribution Charge over 1,000 pre 7/14/97	45,378	0.041535	1,885	45,378	0.041485	1,883	(2)	(0.11)
5 Distribution Charge 0-1,000 post 7/14/97	145,700	0.044475	6,480	145,700	0.045986	6,700	220	3.40
6 Distribution Charge over 1,000 post 7/14/97	540,051	0.041535	22,431	540,051	0.041485	22,404	(27)	(0.12)
7 Balancing Charge	361,999	0.092492	33,482	361,999	0.092492	33,482	0	0.00
8 SBC	740,103	0.052228	38,654	740,103	0.052228	38,654	0	0.00
9 Margin Adjustment	740,103	(0.008665)	(6,413)	740,103	(0.008665)	(6,413)	0	0.00
10 Weather Normalization	361,999	(0.004800)	(1,738)	361,999	(0.004800)	(1,738)	0	0.00
11 Green Programs Recovery Charge	740,103	0.004090	3,027	740,103	0.004090	3,027	0	0.00
12 Tax Adjustment Credit	740,103	(0.034494)	(25,529)	740,103	(0.034494)	(25,529)	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)			(280)	(1)	0.25
17 Delivery Subtotal	740,103		\$174,625	740,103		\$176,252	\$1,627	0.93
18 Unbilled Delivery			(44)			(46)	(2)	4.55
19 Delivery Subtotal w unbilled			\$174,581			\$176,206	\$1,625	0.93
20								
21								
Supply								
23 BGSS	740,103	0.427715	\$316,553	740,103	0.427715	\$316,553	\$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	(0.000025)	(19)	(19)	0.00
26								
27 Miscellaneous			(143)			(143)	0	0.00
28 Supply Subtotal	740,103		\$316,410	740,103		\$316,391	(\$19)	(0.01)
29 Unbilled Supply			949			949	0	0.00
30 Supply Subtotal w unbilled			\$317,359			\$317,340	(\$19)	(0.01)
31								
32 Total Delivery + Supply	740,103		\$491,940	740,103		\$493,546	\$1,606	0.33

36 Notes:

37 All customers assumed to be on BGSS.

38 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

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	0.047500	32.242	678.777	0.048385	32.843	0.601	1.86
7 SBC	678.777	0.052228	35.451	678.777	0.052228	35.451	0.000	0.00
8 Margin Adjustment	678.777	(0.008665)	(5.882)	678.777	(0.008665)	(5.882)	0.000	0.00
9 Green Programs Recovery Charge	678.777	0.004090	2.776	678.777	0.004090	2.776	0.000	0.00
10 Tax Adjustment Credit	678.777	(0.129361)	(87.807)	678.777	(0.129361)	(87.807)	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		\$378.362	678.777		\$378.963	\$0.601	0.16
16 Unbilled Delivery			0.000			0.000	0.000	0.00
17 Delivery Subtotal w unbilled			\$378.362			\$378.963	\$0.601	0.16
18								
Supply								
20 BGSS	678.777	0.419734	\$284.906	678.777	0.419734	\$284.906	\$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	(0.000025)	(0.017)	(0.017)	0.00
23 Miscellaneous			131.390			131.390	0.000	0.00
24 Supply Subtotal	678.777		\$416.296	678.777		\$416.279	(\$0.017)	0.00
25 Unbilled Supply			208.148			208.140	(0.008)	0.00
26 Supply Subtotal w unbilled			\$624.444			\$624.419	(\$0.025)	0.00
27								
28 Total Delivery + Supply	678.777		\$1,002.806	678.777		\$1,003.382	\$0.576	0.06
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 9/1/2020

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	
	<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)
<u>Delivery</u>								
1 Service Charge	0.166	174.83	\$29	0.166	178.47	\$30	\$1	3.45
2 Margin 0-600,000	32,835	0.078368	2,573	32,835	0.079926	2,624	51	1.98
3 Margin over 600,000	8,232	0.068368	563	8,232	0.069926	576	13	2.31
4 Extended Gas Service	0	0.150000	0	0	0.150000	0	0	0.00
5 SBC	41,067	0.052228	2,145	41,067	0.052228	2,145	0	0.00
6 Green Programs Recovery Charge	41,067	0.004090	168	41,067	0.004090	168	0	0.00
7 Tax Adjustment Credit	41,067	(0.014840)	(609)	41,067	(0.014840)	(609)	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		\$4,869	41,067		\$4,934	\$65	1.33
13 Unbilled Delivery			(33)			(32)	1	(3.03)
14 Delivery Subtotal w unbilled			\$4,836			\$4,902	\$66	1.36
15								
<u>Supply</u>								
17 Commodity Component	41,067	0.229479	\$9,424	41,067	0.229479	\$9,424	\$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		\$12,123	42,321		\$12,123	\$0	0.00
23 Unbilled Supply			(51)			(51)	0	0.00
24 Supply Subtotal w unbilled			\$12,072			\$12,072	\$0	0.00
25								
26 Total Delivery + Supply	41,067		\$16,908	41,067		\$16,974	\$66	0.39
27								
28								
29								

30 Notes:

31 All customers assumed to be on BGSS.

32 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

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	
	<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 Service Charge	0.494	743.29	\$367.185	0.494	766.50	\$378.651	\$11.466	3.12
2 Demand Charge	487	2.0873	1,016.515	487	2.1035	1,024.405	7.890	0.78
3 Demand Charge, Agreements	0	0.0000	0.000	0	0.0000	0.000	0.000	0.00
4 Distribution Charge	25,950	0.079787	2,070.473	25,950	0.080406	2,086.536	16.063	0.78
5 Distribution Charge, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
6 SBC	25,950	0.052228	1,355.317	25,950	0.052228	1,355.317	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	(0.008665)	(224.857)	25,950	(0.008665)	(224.857)	0.000	0.00
9 Margin Adjustment, Agreements	0	(0.008665)	0.000	0	(0.008665)	0.000	0.000	0.00
10 Green Programs Recovery Charge	25,950	0.004090	106.136	25,950	0.004090	106.136	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	(0.027273)	(707.734)	25,950	(0.027273)	(707.734)	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)			(54.058)	(0.024)	0.04
17 Delivery Subtotal	25,950		3,929.001	25,950		3,964.396	35.395	0.90
18 Unbilled Delivery			35.054			35.370	0.316	0.90
19 Delivery Subtotal w unbilled			3,964.055			3,999.766	35.711	0.90
20								
Supply								
22 Commodity Charge, BGSS-F	25,950	0.422775	\$10,971.000	25,950	0.422775	\$10,971.000	\$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		\$10,971.000	25,950		\$10,971.000	\$0.000	0.00
26 Unbilled Supply			0.000			0.000	0.000	0.00
27 Supply Subtotal w unbilled			\$10,971.000			\$10,971.000	\$0.000	0.00
28								
29 Total Delivery + Supply	25,950		\$14,935.055	25,950		\$14,970.766	\$35.711	0.24
30								
31								
32								

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 9/1/2020

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	
	<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 Service Charge	2,218	743.29	\$1,649	2,218	766.50	\$1,700	\$51	3.09
2 Dist Charge 0-50,000	99,839	0.087292	8,715	99,839	0.089014	8,887	172	1.97
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	0.087292	5,886	67,427	0.089014	6,002	116	1.97
5 Dist Charge over 50,000, Agreements	11,318	0.023502	266	11,318	0.023502	266	0	0.00
6 SBC	167,266	0.052228	8,736	167,266	0.052228	8,736	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	0.004090	684	167,266	0.004090	684	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	(0.010330)	(1,728)	167,266	(0.010330)	(1,728)	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		\$24,525	179,184		\$24,864	\$339	1.38
16 Unbilled Delivery			(8,253)			(8,367)	(114)	1.38
17 Delivery Subtotal w unbilled			\$16,272			\$16,497	\$225	1.38
18								
Supply								
20 Commodity Charge, BGSS-I	179,184	0.392122	\$70,262	179,184	0.392122	\$70,262	\$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	0.421053	8	19	0.421053	8	0	0.00
24 Miscellaneous			2			2	0	0.00
25 Supply Subtotal	179,229		\$70,321	179,229		\$70,321	\$0	0.00
26 Unbilled Supply			(2,379)			(2,379)	0	0.00
27 Supply Subtotal w unbilled			\$67,942			\$67,942	\$0	0.00
28								
29 Total Delivery + Supply	179,184		<u>\$84,214</u>	179,184		<u>\$84,439</u>	<u>\$225</u>	0.27

33 Notes:

34 All customers assumed to be on BGSS.

35 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

36 plus applicable BGSS charges.

RATE SCHEDULE CSG
CONTRACT SERVICES
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 - Power	0.0800	743.29	\$59	0.0800	766.50	\$61	\$2	3.39
2 Service Charge - Power- Non Firm	0.0120	743.29	9	0.0120	766.50	9	0	0.00
3 Service Charge - Other	0.1090	743.29	81	0.1090	766.50	84	3	3.70
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	0.087292	415	4,755	0.089014	423	8	1.93
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	0.052228	980	789,848	0.052228	980	0	0.00
14 Green Programs Recovery Charge	789,848	0.004090	149	789,848	0.004090	149	0	0.00
15 Tax Adjustment Credit	789,848	(0.001073)	(848)	789,848	(0.001073)	(848)	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		7,771	789,848		7,784	13	0.17
22 Unbilled Delivery			(93)			(93)	0	0.00
23 Delivery Subtotal w/ Unbilled	789,848		7,678	789,848		7,691	13	0.17
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	45		49	45		49.140	0	0.00
42 Unbilled Supply	0		0	0		0	0	0.00
43 Supply Subtotal w/ Unbilled	45		49	45		49.140	0	0.00
44								
45 Total Delivery & Supply	789,893		7,727	789,893		7,740	13.00	0.17
46								

47 Notes:

48 All customers assumed to be on BGSS.

49 Annualized Weather Normalized Revenue reflects Delivery rates as of 9/1/2020

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	\$0.370528	\$0.395075	\$0.381121	\$0.406370
	Balancing Charge	\$0.092492	\$0.098620	\$0.092492	\$0.098620
	Off-Peak Use	\$0.185264	\$0.197538	\$0.190561	\$0.203186
GSG	Service Charge	\$15.63	\$16.67	\$16.12	\$17.19
	Distribution Charge - Pre July 14, 1997	\$0.293661	\$0.313116	\$0.299346	\$0.319178
	Distribution Charge - All Others	\$0.293661	\$0.313116	\$0.299346	\$0.319178
	Balancing Charge	\$0.092492	\$0.098620	\$0.092492	\$0.098620
	Off-Peak Use Dist Charge - Pre July 14, 1997	\$0.146831	\$0.156559	\$0.149673	\$0.159589
	Off-Peak Use Dist Charge - All Others	\$0.146831	\$0.156559	\$0.149673	\$0.159589
LVG	Service Charge	\$138.78	\$147.97	\$143.11	\$152.59
	Demand Charge	\$3.9633	\$4.2259	\$3.9893	\$4.2536
	Distribution Charge 0-1,000 pre July 14, 1997	\$0.044475	\$0.047421	\$0.045986	\$0.049033
	Distribution Charge over 1,000 pre July 14, 1997	\$0.041535	\$0.044287	\$0.041485	\$0.044233
	Distribution Charge 0-1,000 post July 14, 1997	\$0.044475	\$0.047421	\$0.045986	\$0.049033
	Distribution Charge over 1,000 post July 14, 1997	\$0.041535	\$0.044287	\$0.041485	\$0.044233
	Balancing Charge	\$0.092492	0.09862	\$0.092492	\$0.098620
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	\$0.047500	\$0.050647	\$0.048385	\$0.051591

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	\$743.29	\$792.53	\$766.50	\$817.28
	Demand Charge	\$2.0873	\$2.2256	\$2.1035	\$2.2429
	Distribution Charges	\$0.079787	\$0.085073	\$0.080406	\$0.085733
TSG-NF	Service Charge	\$743.29	\$792.53	\$766.50	\$817.28
	Distribution Charge 0-50,000	\$0.087292	\$0.093075	\$0.089014	\$0.094911
	Distribution Charge over 50,000	\$0.087292	\$0.093075	\$0.089014	\$0.094911
	Special Provision (d)	\$1.89	\$2.02	\$1.89	\$2.02
CIG	Service Charge	\$174.83	\$186.41	\$178.47	\$190.29
	Distribution Charge 0-600,000	\$0.078368	\$0.083560	\$0.079926	\$0.085221
	Distribution Charge over 600,000	\$0.068368	\$0.072897	0.069926	\$0.074559
	Special Provision (c) 1st para	\$1.89	\$2.02	\$1.89	\$2.02
BGSS RSG	Commodity Charge including Losses	\$0.300182	\$0.320069	\$0.300121	\$0.320004
CSG	Service Charge	\$743.29	\$792.53	\$766.50	\$817.28
	Distribution Charge - Non-Firm	\$0.087292	\$0.093075	\$0.089014	\$0.094911

PSE&G GSMP II Earnings Test
in \$000

Schedule SS-GSMP II-7 (Updated)
Page 1 of 4

1	Equity Base for Earnings Test	2,971,409	See page 2
2	Allowed ROE	9.6%	2018 Base Rate Case
3	ROE Limit buffer	0.5%	From IIP
4	Maximum ROE	10.1%	= ln 2 + ln 3
5	Actual Net Income	287,065	See page 4
6	ROE for Earnings Test	9.66%	= ln 5 / ln 1
7	Earnings Test Pass / Fail	<u>Pass</u>	= IF ln 4 > 6, Pass else Fail

PSE&G GSMPII Earnings Test

in \$000

Schedule SS-GSMPII-7 (Updated)

Page 2 of 4

Common Equity Calculation

	Jun-19	Jun-20	Average
1 Common Equity	11,570,417	12,472,569	12,021,493
2 Gas Allocation	24%	25%	
3 Gas Equity Balance	2,831,401	3,111,416.68	2,971,409

Actual from FERC Form 1, page 112, line 16
See ln 4 [June 2018] and ln 7 [June 2019]
= ln 1 * ln 2

Gas Allocation Calculation

		Gross Plant	Accumulated Depreciation	Net Investment
		Jun-19		
4	Gas Distribution	8,578,994	(2,397,160)	6,181,834
5	Other	22,934,888	(3,854,882)	19,080,005
6	Total	31,513,882	(6,252,042)	25,261,840
		Jun-20		
7	Gas Distribution	9,137,603	(2,457,744)	6,679,859
8	Other	24,368,443	(4,271,109)	20,097,334
9	Total	33,506,046	(6,728,853)	26,777,193

%

24% See page 3

76% = ln 6 - ln 4

100% FERC Form 1, page 110, line 2 (Plant) and 5 (Accum Dep)

25% See page 3

75% = ln 9 - ln 7

100% FERC Form 1, page 110, line 2 (Plant) and 5 (Accum Dep)

PSE&G GSMP II Earnings Test

in \$000

Schedule SS-GSMP II-7 (Updated)

Page 3 of 4

Gas Net Plant

	Gas Distribution Plant In-Service	Gas Plant Held for Future Use	Gas Plant in Service for Earnings Test*	Gas Accumulated Depreciation
Jul-19	8,579,090	96	8,578,994	(2,397,160) Actual
Aug-19	8,647,415	96	8,647,319	(2,404,478) Actual
Sep-19	8,711,781	96	8,711,684	(2,405,454) Actual
Oct-19	8,770,872	96	8,770,776	(2,412,472) Actual
Nov-19	8,821,421	96	8,821,324	(2,418,134) Actual
Dec-19	8,857,805	96	8,857,708	(2,414,032) Actual
Jan-20	8,907,855	96	8,907,759	(2,419,417) Actual
Feb-20	8,950,377	96	8,950,280	(2,423,230) Actual
Mar-20	8,992,280	96	8,992,184	(2,423,465) Actual
Apr-20	9,029,814	96	9,029,718	(2,434,103) Actual
May-20	9,075,344	96	9,075,248	(2,448,000) Actual
Jun-20	9,137,700	96	9,137,603	(2,457,744) Actual

* Excludes Plant Held for Future Use consistent with 2018 rate case Stipulation on earnings test for WNC

PSE&G GSMP II Earnings Test

in \$000

Schedule SS-GSMP II-7 (Updated)

Page 4 of 4

	Net Utility Operating Income*	Less Net Interest Charges*	Regulatory Net Income for Earnings Test	
Jul-19	1,385	(7,389)	(6,004)	<i>Actual</i>
Aug-19	(791)	(7,475)	(8,266)	<i>Actual</i>
Sep-19	1,219	(7,147)	(5,929)	<i>Actual</i>
Oct-19	10,707	(7,501)	3,206	<i>Actual</i>
Nov-19	45,164	(7,495)	37,669	<i>Actual</i>
Dec-19	63,979	(7,584)	56,395	<i>Actual</i>
Jan-20	81,561	(7,729)	73,832	<i>Actual</i>
Feb-20	89,847	(7,920)	81,927	<i>Actual</i>
Mar-20	55,996	(7,735)	48,261	<i>Actual</i>
Apr-20	15,168	(7,888)	7,280	<i>Actual</i>
May-20	154	(7,979)	(7,825)	<i>Actual</i>
Jun-20	14,549	(8,030)	6,519	<i>Actual</i>
Total	378,938	(91,873)	287,065	

* Excludes GPRC

PSE&G GSMP II Earnings Test

in \$000

Schedule SS-GSMP II-7 (Updated)

Page 4 of 4

	Net Utility Operating Income*	Less Net Interest Charges*	Regulatory Net Income for Earnings Test	
Jul-19	1,385	(7,389)	(6,004)	<i>Actual</i>
Aug-19	(791)	(7,475)	(8,266)	<i>Actual</i>
Sep-19	1,219	(7,147)	(5,929)	<i>Actual</i>
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May-20	154	(7,979)	(7,825)	<i>Actual</i>
Jun-20	14,549	(8,030)	6,519	<i>Actual</i>
Total	378,938	(91,873)	287,065	

* Excludes GPRC

PSE&G Gas System Modernization Program II Capital Expenditures

Attachment 1
Schedule WEM-GSMP11-3 (Update)

Roll-In	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3			
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Program	YTD	Roll-In
	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2020	2020	2020	2020	2020	2020	Total	2020	3
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20		Total	Total	Total
Miles of Main Replaced																					430	220	171	
GSMP II Total Program																								
Direct Install	\$3,810,974	\$4,049,452	\$7,662,618	\$18,487,921	\$20,130,410	\$23,071,094	\$20,850,369	\$46,331,409	\$30,074,272	\$33,501,029	\$29,985,813	\$22,287,038	\$31,301,895	\$24,170,613	\$26,702,028	\$20,610,581	\$23,550,677	\$38,973,671	\$42,618,699	\$37,713,386	\$524,783,849	\$245,641,549	\$190,160,641	
COR (less Salvage)	\$163,395	\$204,985	\$133,220	\$270,022	\$603,287	\$1,161,223	\$276,133	\$931,844	\$907,136	\$1,425,731	\$1,091,070	\$788,074	\$1,267,780	\$970,652	\$995,513	\$318,493	\$106,710	\$450,390	\$176,677	\$802,830	\$14,045,365	\$5,629,246	\$3,390,613	
Total	\$3,914,369	\$4,254,437	\$7,795,838	\$18,757,943	\$20,733,696	\$22,132,317	\$30,576,502	\$47,283,133	\$30,981,408	\$34,926,760	\$31,076,883	\$22,085,112	\$32,569,676	\$25,141,286	\$27,697,541	\$20,925,074	\$23,637,387	\$39,424,061	\$43,335,576	\$38,516,216	\$538,829,214	\$251,270,795	\$193,559,854	
GSMP II Program - Mains																								
Direct Install	\$2,287,446	\$2,568,662	\$3,192,681	\$9,932,841	\$12,656,795	\$6,657,041	\$4,067,153	\$11,524,014	\$7,518,839	\$7,152,980	\$9,977,300	\$9,981,650	\$16,796,965	\$16,762,072	\$10,601,648	\$7,226,313	\$10,577,188	\$20,088,258	\$36,418,915	\$10,118,655	\$223,067,337	\$135,548,904	\$104,029,976	
COR (less Salvage)	\$163,395	\$204,985	\$133,220	\$270,022	\$603,287	\$1,161,223	\$276,133	\$931,844	\$907,136	\$1,425,731	\$997,721	\$788,074	\$1,267,780	\$970,652	\$995,513	\$318,493	\$106,710	\$450,390	\$176,677	\$802,830	\$14,045,365	\$5,629,246	\$3,390,613	
Total	\$2,450,841	\$2,763,647	\$3,325,901	\$10,197,123	\$13,204,698	\$7,818,264	\$4,343,286	\$12,455,858	\$8,425,975	\$8,578,711	\$10,975,052	\$10,726,773	\$18,064,630	\$17,732,724	\$11,599,521	\$7,534,188	\$10,683,807	\$20,538,648	\$37,068,010	\$10,878,653	\$236,444,072	\$140,925,965	\$107,232,649	
GSMP II Program - Services																								
Direct Install	\$1,523,528	\$1,490,790	\$4,469,937	\$8,555,080	\$16,473,615	\$17,313,785	\$25,745,395	\$34,739,044	\$22,409,378	\$26,082,600	\$20,018,099	\$12,803,616	\$11,189,466	\$11,838,488	\$16,403,305	\$13,371,079	\$12,971,626	\$18,503,097	\$5,530,591	\$17,801,963	\$299,234,482	\$107,609,616	\$84,581,662	
COR (less Salvage)	\$0	\$0	\$0	\$5,741	\$55,384	\$4,330	\$32,963	\$28,047	\$59,579	\$77,103	\$93,348	\$62,951	\$18,930	\$42,115	\$67,641	\$9,618	\$288	\$0	\$67,782	\$42,831	\$668,630	\$249,185	\$188,140	
Total	\$1,523,528	\$1,490,790	\$4,469,937	\$8,560,820	\$16,528,999	\$17,318,114	\$25,778,358	\$34,767,091	\$22,468,957	\$26,159,703	\$20,111,447	\$12,866,567	\$11,208,396	\$11,880,603	\$16,470,946	\$13,380,697	\$12,971,914	\$18,503,097	\$5,598,374	\$17,844,795	\$299,903,112	\$107,858,801	\$84,769,802	
GSMP II Program - Regulators																								
Direct Install	\$0	\$0	\$0	\$0	\$0	\$268	\$37,821	\$68,251	\$146,055	\$265,449	-\$9,615	-\$508,228	\$355,473	\$569,153	-\$302,925	\$14,190	\$1,862	\$382,316	\$669,193	\$792,768	\$2,482,029	\$2,482,029	\$1,557,040	
COR (less Salvage)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total	\$0	\$0	\$0	\$0	\$0	\$268	\$37,821	\$68,251	\$146,055	\$265,449	-\$9,615	-\$508,228	\$355,473	\$569,153	-\$302,925	\$14,190	\$1,862	\$382,316	\$669,193	\$792,768	\$2,482,029	\$2,482,029	\$1,557,040	
Stipulated Base Spend																								
Direct Install	\$4,074,088	\$4,484,816	\$3,853,058	\$4,443,463	\$4,531,886	\$5,335,948	\$4,228,130	\$9,391,926	\$4,299,728	\$5,147,573	\$3,695,264	\$3,241,438	\$2,077,959	\$2,241,319	\$2,388,853	\$1,204,154	\$3,236,779	\$4,553,106	\$6,123,895	\$5,484,891	\$94,038,275	\$27,310,958	\$22,991,680	
COR (less Salvage)	\$308,916	\$273,091	\$389,099	\$190,735	\$368,511	\$226,241	\$167,358	\$92,925	\$101,226	\$167,929	\$22,561	\$187,967	\$76,451	\$54,641	\$44,623	\$15,400	\$44,649	\$55,528	\$41,763	\$110,785	\$3,253,895	\$443,839	\$312,747	
Total	\$4,383,005	\$4,757,907	\$4,242,157	\$4,634,197	\$4,900,396	\$5,562,189	\$4,395,488	\$9,484,851	\$4,400,954	\$5,425,038	\$3,905,825	\$3,409,367	\$2,154,410	\$2,295,960	\$2,433,477	\$1,219,554	\$3,281,428	\$4,608,634	\$6,165,658	\$5,595,676	\$97,292,171	\$27,754,797	\$23,304,427	
Baseline Spend																								
Direct Install	\$12,728,530	\$14,508,186	\$14,606,451	\$19,113,946	\$14,026,453	\$11,160,534	\$17,825,878	\$11,215,033	\$15,857,071	\$14,433,136	\$15,571,309	\$19,408,416	\$13,296,792	\$15,386,874	\$16,306,632	\$11,801,589	\$12,099,431	\$12,331,341	\$11,514,173	\$12,015,375	\$285,207,149	\$104,752,206	\$76,068,540	
COR (less Salvage)	\$2,761,344	\$2,582,126	\$2,814,955	\$2,040,175	\$2,933,783	\$3,095,671	\$3,000,098	\$3,170,004	\$2,810,631	\$3,828,689	\$3,181,744	\$3,094,102	\$4,283,461	\$3,677,934	\$3,348,555	\$1,250,408	\$1,154,566	\$1,721,097	\$1,925,798	\$2,027,702	\$56,111,853	\$19,296,521	\$11,437,126	
Total	\$15,489,874	\$17,090,312	\$17,421,406	\$22,054,120	\$16,960,236	\$14,256,205	\$20,825,975	\$14,385,037	\$18,667,702	\$18,261,835	\$18,753,053	\$23,402,518	\$17,580,253	\$18,964,808	\$19,655,187	\$13,060,996	\$13,253,997	\$14,052,438	\$13,439,971	\$14,043,077	\$342,119,002	\$124,050,728	\$87,505,666	
Amount																								
Total GSMP II Program	\$1,575,000,000																							
10% Minimum Filing Requirement	\$157,500,000																							
Roll-In # 1 (Actual/Forecast)	3																				10%	12%		