



September 15, 2021

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

BPU Docket No. GR21060949

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, 2021, 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, 2021;
2. Schedule SS-GSMPII-3 (Update) WACC Calculation
 - Unchanged from original filing;
3. Schedule SS-GSMPII-4 (Update) Revenue Factor Calculation
 - Updated for 2021 BPU & Rate Counsel Assessment Rate.
4. Schedule SS-GSMPII-5 – UPDATE Gas Proof of Revenue
 - Proposed rates reflecting changes from those in effect September 1, 2021;
5. Schedule SS-GSMPII-7 – UPDATE Earnings Test
 - Update for actual results through June 30, 2021; and
6. Schedule WEM-GSMPII-3 (Update) GSMP II & Stipulated Base Forecast
 - Updated for actual results through August 31, 2021.

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.

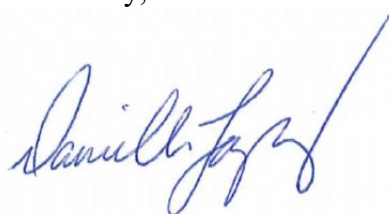
Please note that from January 1, 2021 through August 31, 2021, the Company has invested \$21.5 million in Stipulated Base, exceeding the \$20 million per year minimum and on track to exceed the \$30 million threshold requiring notification to the Board.

Please note that from January 1, 2021 through August 31, 2021, the Company has invested \$146.1 million in Baseline Capital Expenditure, and is on track to exceed 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 8/31/2021 “shall go into base rates effective 12/1/2021.” 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 2021.

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	<u>12/1/2021</u>
Plant In Service as of Date	8/31/2021
Rate Base Balance as of Date	11/30/2021

RATE BASE CALCULATION

	Total	Notes
1 Gross Plant	\$258,678	= In 17
2 Accumulated Depreciation	\$7,397	= In 20
3 Net Plant	\$266,075	= In 1 + In 2
4 Accumulated Deferred Taxes	(\$4,419)	= See "Roll-In Detail" Wkps
5 Rate Base	\$261,656	= In 3 + In 4
6 Rate of Return - After Tax (Schedule WACC)	6.48%	See Schedule SS-GSMPII-3 (Update)
7 Return Requirement (After Tax)	\$16,960	= In 5 * In 6
8 Depreciation Exp, net	\$3,184	= In 26
9 Expense Adjustment (After Tax)	(\$404)	= In 35
10 Tax Adjustment	\$0	N/A
11 Revenue Factor	1.4175	See Schedule SS-GSMPII-4 (Update)
12 Roll-in Revenue Requirement	\$27,981	= (In 7 + In 8 + In 9 + In 10) * In 11

SUPPORT

Gross Plant

13 Plant in-service	\$258,678	= See "Roll-In Detail" Wkps
14 CWIP Transferred into Service	\$0	= See "Roll-In Detail" Wkps
15 AFUDC on CWIP Transferred Into Service - Debt	\$0	= See "Roll-In Detail" Wkps
16 AFUDC on CWIP Transferred Into Service - Equity	\$0	= See "Roll-In Detail" Wkps
17 Total Gross Plant	\$258,678	= In 15 + In 16 + In 17 + In 18

Accumulated Depreciation

18 Accumulated Depreciation	(\$2,188)	= See "Roll-In Detail" Wkps
19 Cost of Removal	\$9,585	= See "Roll-In Detail" Wkps
20 Net Accumulated Depreciation	\$7,397	= In 20 + In 21

Depreciation Expense (Net of Tax)

21 Depreciable Plant (xAFUDC-E)	\$258,678	= In 15 + In 16 + In 17
22 AFUDC-E	\$0	= In 18
23 Depreciation Rate	1.71%	= See "Roll-In Detail" Wkps
24 Depreciation Expense	\$4,429	= (In 23 + In 24) * In 25
25 Tax @28.11%	\$1,245	= In 23 * In 25 * Tax Rate
26 Depreciation Expense (Net of Tax)	\$3,184	= In 26 - In 27

Expense Adjustments

27 Miles of Main Replaced	149	= See "Roll-In Detail" Wkps
	= \$3.3M / 875 miles (See Approved	
28 Agreed O&M Savings/ Mile	(\$3.77)	Stipulation)
29 O&M Savings	(\$562)	= In 29 * In 30
30 GSMPII related methane mapping expenses	\$0	= See "Roll-In Detail" Wkps
31 Amortization period (years)	5	program period
32 Annual methane mapping amortization expense	\$0	= In 32 / In 33
33 Expense Adjustment	(\$562)	= In 31 + In 34
34 Tax @28.11%	(\$158)	= In 35 * Tax Rate
35 Expense Adjustment (Net of Tax)	(\$404)	= In 35 - In 36

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

Attachment 2
Schedule SS-GSMPII-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	<u>45.53%</u>	3.96%	<u>1.80%</u>	<u>1.80%</u>	<u>1.30%</u>
Total	<u>100.00%</u>		<u>6.99%</u>	<u>9.02%</u>	<u>6.48%</u>

Income Tax Rates

Federal Income Tax	21.00%
State NJ Business Incm Tax	<u>9.00%</u>
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	0.2154	0.2154	2021 BPU Assessment
Rate Counsel Assessment Rate	<u>0.0535</u>	<u>0.0535</u>	2021 RC Assessment
Income before State of NJ Bus. Tax	99.7312	98.1312	
State of NJ Bus. Income Tax @ 9.00%	<u>8.9758</u>	<u>8.8318</u>	
Income Before Federal Income Taxes	90.7554	89.2994	
Federal Income Taxes @ 21%	<u>19.0586</u>	<u>18.7529</u>	
Return	<u>71.6967</u>	<u>70.5465</u>	
Revenue Factor	<u>1.3948</u>	<u>1.4175</u>	

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.

Notes:

1	Requested increase in Revenue Requirements	\$ 123,141,000
2	Total Target Distribution Revenue Requirements	\$ 888,460,440
3	Sum of Initial Sync Revenue Requirements	\$ 893,411,330
4	Final Sync Adjustment Factor	0.99446

2018 Rate Case Schedule SS-G7 R-2, pg 2, line 16
2018 Rate Case Schedule SS-G7 R-2, pg 2, line 17

2018 Rate Case Schedule SS-G7 R-2, pg 2, line 18
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	<u>\$ 96,710,544</u>	<u>\$ 70,884,585</u>	<u>\$ 16,046,249</u>	<u>\$ 9,779,669</u>	<u>\$ 41</u>	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	

Schedule SS-GSMPH-5 (UPDATE)
= line 11 + page 3, col 2

11	Requested increase in Revenue Requirements	\$ 27,981,064
12	Total Target Distribution Revenue Requirements	\$ 1,025,850,139
13	Rate Case Minus Streetlight Fixtures	\$ 888,042,770
14	Target Minus Streetlight Fixtures	\$ 1,025,432,470
15	Final Sync Adjustment Factor	1.15471

= line 10 - line 7
= line 12 - line 7
= 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	<u>\$ 111,672,698</u>	<u>\$ 81,851,188</u>	<u>\$ 18,528,775</u>	<u>\$ 11,292,688</u>	<u>\$ 48</u>	= 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
3	Present Total Customer Bills (all on BGSS) =	\$ 2,083,670	Page 4, col 3, line 11 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

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
line #	Rate Schedule	Proposed Distribution Revenue Requirement (from COS) (in \$1,000)	Present Distribution Revenue (in \$1,000)	Unlimited COS Distribution Charge \$ Increase (in \$1,000)	Present Total Bill Revenue (all on BGSS) (in \$1,000)	Unlimited Distribution Charge Increase (%)	Change in MAC & BGSS credits (in \$1,000)	Limited Final Distribution Charge Increase (%)	Proposed Total Bill Increase (%)	Proposed Distribution Revenue Increase (in \$1,000)

Calculation of TSG-F Increase

1	TSG-F	\$ 3,304.030	\$ 3,504.069	\$ (200.039)	\$ 17,589.740	-5.709%	\$ (3.221)	1.402%	0.261%	\$ 49.127
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Calculation of TSG-NF & CIG Increase

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

Calculation of Margin Rates (RSG, GSG, LVG & SLG) Increase

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:
1	Average Distribution Increase =				2.804%					page 3, line 4
	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)	
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
	(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-GSMPII-5 (UPDATE)**
(Therms & Revenue - Thousands, Rate - \$/Therm)

<u>Rate Schedule</u>		<u>Annualized</u> <u>Weather Normalized</u>		<u>Proposed</u>		<u>Difference</u>	
		<u>Therms</u> (1)	<u>Revenue</u> (2)	<u>Therms</u> (3)	<u>Revenue</u> (4)	<u>Revenue</u> (5)	<u>Percent</u> (6)
1	RSG	1,494,928	\$1,232,846	1,494,928	\$1,253,507	\$20,661	1.68
2	GSG	297,484	291,086	297,484	294,409	3,323	1.14
3	LVG	740,103	558,616	740,103	562,452	3,836	0.69
6	SLG	679	1,122.050	679	1,122.876	0.826	0.07
7	Subtotal	2,533,194	2,083,670	2,533,194	2,111,491	27,821	1.34
8							
9	TSG-F	25,950	17,589.740	25,950	17,637.867	48.127	0.27
10	TSG-NF	179,184	100,298	179,184	100,613	315	0.31
11	CIG	41,067	21,103	41,067	21,195	92	0.44
12	CSG	789,848	7,931	789,848	7,950	19	0.24
13	Subtotal	1,036,049	146,922	1,036,049	147,396	474	0.32
14							
15	Totals	3,569,243	2,230,592	3,569,243	2,258,887	\$28,295	1.27
16							
17							
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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 9/1/2021						
44	plus applicable BGSS charges.						

Less change in MAC included above

\$314

Gas Revenue Requirement

\$27,981

Increase Before
Mac AdjustmentIncrease
AboveMAC
Adjustment

RSG	\$20,478	\$20,661	183
GSG	3,286	3,323	37
LVG	3,745	3,836	91
SLG	0.743	0.826	0.083
Subtotal	27,510	27,821	311
TSG-F	44.907	48.127	3.220
TSG-NF	315	315	0
CIG	92	92	0
CSG	19	19	0
Subtotal	471	474	3
Totals	\$27,981	\$28,295	314

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)
<u>Delivery</u>								
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								
<u>Supply</u>								
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
30								
31								
32								

33 Notes:

34 All customers assumed to be on BGSS.

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

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	
	<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	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								
<u>Supply</u>								
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

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32 Notes:

33 All customers assumed to be on BGSS.

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

35 plus applicable BGSS charges.

36

37

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)
<u>Delivery</u>								
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								
<u>Supply</u>								
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)
<u>Delivery</u>								
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								
<u>Supply</u>								
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		<u>\$1,122.050</u>	678.777		<u>\$1,122.876</u>	<u>\$0.826</u>	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	
	<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	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								
<u>Supply</u>								
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	
	<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	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
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 9/1/2021

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	
	<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	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								
<u>Supply</u>								
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								
32								

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-GSMP11-5 (UPDATE)

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

	Annualized			Proposed			Difference	
	Weather Normalized							
	Units	Rate	Revenue	Units	Rate	Revenue	Revenue	Percent
<u>Delivery</u>	(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
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		7,977	789,848		7,996	19	0.24
22 Unbilled Delivery			(95)			(95)	0	0.00
23 Delivery Subtotal w/ Unbilled	789,848		7,882	789,848		7,901	19	0.24
25 <u>Supply</u>								
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		7,931	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

PSE&G GSMP II Earnings Test
in \$000

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

1	Equity Base for Earnings Test	3,319,333	See page 2
2	Allowed ROE	9.6%	2018 Base Rate Case
3	ROE Limit buffer	0.5%	From IIP
4	Maximum ROE	<u>10.1%</u>	= ln 2 + ln 3
5	Actual Net Income	<u>286,804</u>	See page 4
6	ROE for Earnings Test	8.64%	= 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 (UPDATE)

Page 2 of 4

Common Equity Calculation

	Jun-20	Jun-21	Average
1 Common Equity	12,472,569	13,919,088	13,195,829
2 Gas Allocation	25%	25%	
3 Gas Equity Balance	3,136,371	3,502,294	3,319,333

Actual from FERC Form 1, page 112, line 16
See ln 4 [June 2020] and ln 7 [June 2021]
= ln 1 * ln 2

Gas Allocation Calculation

		Accumulated		
		Gross Plant	Depreciation	Net Investment
		Jun-20		
4	Gas Distribution	9,204,923	(2,471,489)	6,733,434
5	Other	24,301,123	(4,257,364)	20,043,759
6	Total	33,506,046	(6,728,853)	26,777,193
		Jun-21		
7	Gas Distribution	9,850,585	(2,551,878)	7,298,707
8	Other	26,390,838	(4,682,460)	21,708,378
9	Total	36,241,422	(7,234,338)	29,007,084

%

25% See page 3

75% = 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 (UPDATE)

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-20	9,205,019	96	9,204,923	(2,471,489) Actual
Aug-20	9,266,146	96	9,266,050	(2,485,186) Actual
Sep-20	9,326,334	96	9,326,238	(2,494,281) Actual
Oct-20	9,393,970	96	9,393,874	(2,505,355) Actual
Nov-20	9,453,605	96	9,453,509	(2,513,842) Actual
Dec-20	9,515,184	96	9,515,088	(2,518,784) Actual
Jan-21	9,567,965	96	9,567,869	(2,529,915) Actual
Feb-21	9,600,049	96	9,599,953	(2,538,541) Actual
Mar-21	9,663,969	96	9,663,873	(2,542,087) Actual
Apr-21	9,725,195	96	9,725,099	(2,543,122) Actual
May-21	9,789,474	96	9,789,378	(2,550,506) Actual
Jun-21	9,850,681	96	9,850,585	(2,551,878) 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 (UPDATE)

Page 4 of 4

	Net Utility Operating Income*	Less Net Interest Charges*	Regulatory Net Income for Earnings Test	
Jul-20	(12,022)	(7,890)	(19,912)	<i>Actual</i>
Aug-20	(9,000)	(7,986)	(16,986)	<i>Actual</i>
Sep-20	3,957	(7,960)	(4,003)	<i>Actual</i>
Oct-20	5,988	(7,920)	(1,931)	<i>Actual</i>
Nov-20	39,525	(7,901)	31,624	<i>Actual</i>
Dec-20	74,860	(7,916)	66,945	<i>Actual</i>
Jan-21	87,300	(7,911)	79,390	<i>Actual</i>
Feb-21	78,386	(7,932)	70,454	<i>Actual</i>
Mar-21	66,300	(7,838)	58,462	<i>Actual</i>
Apr-21	16,719	(7,847)	8,872	<i>Actual</i>
May-21	6,743	(7,983)	(1,240)	<i>Actual</i>
Jun-21	22,932	(7,804)	15,128	<i>Actual</i>
Total	381,689	(94,886)	286,804	

* Excludes GPRC

PSE&G Gas System Modernization Program II
Capital Expenditures

Attachment 1

Schedule WEM-GSMP II-3 (Update)

Roll-In	5	5	5	5	5	5			
	Actual 2021 Mar-21	Actual 2021 Apr-21	Actual 2021 May-21	Actual 2021 Jun-21	Actual 2021 Jul-21	Actual 2021 Aug-21	Program Total	YTD 2021 Total	Roll-In 5 Total
Miles of Main Replaced	29	25	27	23	22	23	708	180	149
<u>GSMP II Total Program</u>									
Direct Install	\$40,661,203	\$43,066,598	\$42,198,453	\$46,269,751	\$40,267,961	\$46,214,437	\$982,848,939	\$307,419,420	\$258,678,403
COR (less Salvage)	\$1,467,735	\$1,714,528	\$1,807,630	\$1,988,798	\$1,265,540	\$1,340,961	\$31,155,887	\$12,135,515	\$9,585,192
Total	\$42,128,938	\$44,781,126	\$44,006,083	\$48,258,550	\$41,533,501	\$47,555,397	\$1,014,004,826	\$319,554,935	\$268,263,595
<u>GSMP II Program - Mains</u>									
Direct Install	\$13,832,560	\$18,525,157	\$13,813,824	\$12,921,338	\$13,716,220	\$10,093,327	\$369,557,781	\$91,147,521	\$82,902,427
COR (less Salvage)	\$1,441,865	\$1,671,995	\$1,676,126	\$1,814,685	\$1,180,254	\$1,331,682	\$29,738,678	\$11,634,800	\$9,116,608
Total	\$15,274,426	\$20,197,152	\$15,489,950	\$14,736,023	\$14,896,474	\$11,425,010	\$399,296,459	\$102,782,321	\$92,019,035
<u>GSMP II Program - Services</u>									
Direct Install	\$25,839,046	\$24,004,784	\$26,936,166	\$31,308,350	\$27,713,123	\$33,391,354	\$603,481,665	\$212,188,352	\$169,192,824
COR (less Salvage)	\$25,870	\$42,532	\$131,504	\$174,113	\$85,286	\$9,278	\$1,417,209	\$500,715	\$468,584
Total	\$25,864,916	\$24,047,316	\$27,067,670	\$31,482,463	\$27,798,409	\$33,400,633	\$604,898,875	\$212,689,067	\$169,661,407
<u>GSMP II Program - Regulators</u>									
Direct Install	\$989,596	\$536,658	\$1,448,462	\$2,040,064	-\$1,161,382	\$2,729,755	\$9,809,492	\$4,083,547	\$6,583,153
COR (less Salvage)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$989,596	\$536,658	\$1,448,462	\$2,040,064	-\$1,161,382	\$2,729,755	\$9,809,492	\$4,083,547	\$6,583,153
<u>Stipulated Base Spend</u>									
Direct Install	\$3,259,437	\$2,378,199	\$3,233,776	\$4,083,681	\$2,205,419	\$2,003,348	\$122,289,094	\$20,617,575	\$17,163,859
COR (less Salvage)	\$152,301	\$238,190	\$92,635	\$88,930	\$53,020	\$165,365	\$5,022,257	\$907,172	\$790,441
Total	\$3,411,738	\$2,616,389	\$3,326,411	\$4,172,611	\$2,258,438	\$2,168,713	\$127,311,351	\$21,524,747	\$17,954,300
<u>Baseline Spend</u>									
Direct Install	\$18,511,955	\$18,666,560	\$16,330,994	\$15,559,708	\$15,373,801	\$16,106,382	\$501,668,442	\$128,594,132	\$100,549,401
COR (less Salvage)	\$1,830,096	\$2,824,413	\$2,496,963	\$2,097,562	\$2,359,235	\$2,161,060	\$64,749,846	\$17,471,566	\$13,769,329
Total	\$20,342,051	\$21,490,973	\$18,827,957	\$17,657,271	\$17,733,036	\$18,267,442	\$566,418,287	\$146,065,698	\$114,318,730
	<u>Amount</u>	<u>Percentage</u>							
Total GSMP II Program	\$1,575,000,000								
10% Minimum Filing Requirement	\$157,500,000	10%							
Roll-In # 5 (Actual/Forecast)	\$268,263,595	17%							