

May 31, 2017

VIA FEDERAL EXPRESS

Honorable Irene Asbury, Secretary New Jersey Board of Public Utilities 44 South Clinton Avenue, 3rd Floor Suite 314 P.O.Box 350 Trenton, NJ 08625-0350

Re:

IN THE MATTER OF THE PETITION OF NEW JERSEY NATURAL GAS COMPANY FOR APPROVAL OF THE COST RECOVERY ASSOCIATED WITH ENERGY EFFICIENCY PROGRAMS

BPU DOCKET NO. GR1706_____

Dear Secretary Asbury:

Enclosed herewith for filing please find an original and ten (10) copies of the Petition of New Jersey Natural Gas Company (NJNG) for approval of the cost recovery associated with Energy Efficiency Programs.

Copies of the petition, including the supporting Exhibits, are also being served upon the New Jersey Division of Rate Counsel and the Division of Law.

Kindly acknowledge receipt of this filing by date stamping the enclosed copy of this letter and returning same in the self-addressed, stamped envelope.

Respectfully submitted,

Andrew K. Dembia

Regulatory Affairs Counsel

Enclosures

C: Service List

IN THE MATTER OF THE PETITION OF NEW JERSEY NATURAL GAS COMPANY FOR APPROVAL OF THE COST RECOVERY ASSOCIATED WITH ENERGY EFFICIENCY PROGRAMS BPU DOCKET NO. GR1706

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IN THE MATTER OF THE PETITION OF NEW JERSEY NATURAL GAS COMPANY FOR APPROVAL OF THE COST RECOVERY ASSOCIATED WITH ENERGY EFFICIENCY PROGRAMS

BPU DOCKET NO. GR1706

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STATE OF NEW JERSEY BOARD OF PUBLIC UTILITIES

IN THE MATTER OF THE PETITION)	
OF NEW JERSEY NATURAL GAS)	PETITION
COMPANY FOR APPROVAL OF THE)	
COST RECOVERY ASSOCIATED WITH)	BPU DOCKET NO. GR1706
ENERGY EFFICIENCY PROGRAMS)	
)	
)	

TO: THE HONORABLE COMMISSIONERS OF THE NEW JERSEY BOARD OF PUBLIC UTILITIES

New Jersey Natural Gas Company ("NJNG" or the "Company") respectfully petitions the New Jersey Board of Public Utilities (the "Board" or "BPU") pursuant to Board Orders issued on July 17, 2009, in Docket Nos. EO09010056 and GO09010057 ("July 2009 Order"), on September 24, 2010, in Docket No. GO10030225 ("September 2010 Order"), on January 18, 2012, in Docket No. GR11070425 ("January 2012 Order"), and on July 22, 2015, in Docket No. GO14121412 ("July 2015 Order") as well as N.J.S.A. 48:3-98.1, stating as follows:

1. NJNG is a corporation duly organized under the laws of the State of New Jersey and is a public utility engaged in the sale, distribution and transportation of natural gas subject to the jurisdiction of the Board. The Company's principal business office is located at 1415 Wyckoff Road, Wall Township, New Jersey 07719. NJNG is a local natural gas distribution company providing regulated natural gas service to approximately 528,000 retail customers in central and norther New Jersey.

2. Communications and correspondence relating to this filing should be sent to:

Mark G. Kahrer, Vice President, Regulatory Affairs and
Andrew K. Dembia, Esq., Regulatory Affairs Counsel
New Jersey Natural Gas Company
1415 Wyckoff Road, P.O. Box 1464
Wall, N.J. 07719
(732) 938-1214 (Kahrer)
(732) 938-1073 (Dembia)
(732) 938-2620 (fax)

- 3. NJNG proposes to reduce the current after-tax Energy Efficiency ("EE") rate of \$0.0327 per therm to \$0.0283 per therm, for recovery of The SAVEGREENTM Project ("SAVEGREEN") program costs approved in the September 2010 Order, the January 2012 Order and the July 2015 Order. The overall bill of the residential heating customer is using 100 therms per month will decrease by (\$0.44), or (0.4 percent).
- 4. On January 19, 2009, NJNG filed a petition with the Board in Docket Nos. EO09010056 and GR09010057 seeking approval to initially develop and implement a number of economic stimulus programs that were to be made available to NJNG customers over the next twelve to sixteen months to promote energy efficiency and conservation while stimulating the state's economy ("EE filing"). At the same time, the Company sought Board approval for an associated cost recovery rider mechanism. The programs proposed were designed to complement and supplement then-existing aspects of New Jersey's Clean Energy Program ("NJCEP") in an attempt to encourage higher levels of customer participation in NJNG's service territory. The NJNG proposals did not duplicate or eliminate any of the NJCEP programs; they aimed instead to increase customer awareness, enhance participation in and support utilization of NJCEP efforts throughout the State. It was intended that this approach would avoid duplicative administrative structures and spur additional economic activity within the State while contributing to the reduction of energy consumption in New Jersey.

- 5. In the July 2009 Order, the Board approved the initial EE Programs for NJNG to be operated through SAVEGREEN and also approved the recovery of costs incurred by adopting the terms of the Stipulation entered into among NJNG, BPU Staff and the New Jersey Division of Rate Counsel ("Rate Counsel") (hereinafter referred to as the "Parties"). Accordingly, NJNG was authorized to establish a cost recovery rate through which it can recover or return to customers all deferred SAVEGREEN costs, including rebate costs, customer incentive payments, customer financing costs and associated reasonable and prudent incremental operation and maintenance ("O&M") expenses ("Program Costs"). It was agreed by the Parties that such Program Costs are subject to recovery pursuant to the terms of NJNG's Tariff Sheet Rider F ("Rider F"). Pursuant to the July 2009 Order, the initial after-tax EE rate in Rider F was established as \$0.0127 (\$0.0119 pre-tax).
- 6. As part of the authorized cost recovery mechanism, the Company was authorized to amortize for recovery its initial SAVEGREEN investments in customer rebates, incentive payments and customer financing over a four (4) year period on a straight line basis, with the return on the unamortized investments based upon the Company's adjusted overall weighted average cost of capital ("WACC"), inclusive of income taxes as authorized by the BPU in NJNG's then most recent base rate case in 2007-2008, BPU Docket No. GR07110889. NJNG computes the return component of its costs, in addition to the amortization of its investments, by deducting the applicable deferred income taxes related to the amortization of rebates, incentives and financing costs over a four-year period for book purposes and over a one-year period for tax purposes.
- 7. Subsequently, NJNG submitted three additional petitions with the BPU seeking approval to continue the energy-efficiency programs through SAVEGREEN with modifications

¹ Rate Counsel was formerly designated as New Jersey Department of the Public Advocate, Division of Rate Counsel.

addressing market changes, customer responses and contractor input. The September 2010, January 2012 and July 2015 Orders adopted the terms of Stipulations entered into among NJNG, BPU Staff and Rate Counsel. As such, NJNG is authorized to amortize for recovery its SAVEGREEN investments in customer rebates, incentive payments and customer financing over two (2), three (3), five (5) year and ten (10) year periods on a straight line basis, with the return on the unamortized investments approved in the September 2010 Order based upon the Company's adjusted overall WACC, inclusive of income taxes as authorized by the BPU in NJNG's then most recent base rate case, BPU Docket No. GR07110889, the unamortized investments approved in the January 2012 Order based upon the Company's adjusted WACC inclusive of income taxes and the unamortized investments approved in the July 2015 Order based upon the Company's adjusted WACC inclusive of income taxes. NJNG computes the return component of its costs, in addition to the amortization of its investments, by deducting the applicable deferred income taxes related to the amortization of rebates, incentives and financing costs over a two-year, three-year, five-year and ten-year period for book purposes and over a one-year period for tax purposes.

- 8. Based on the terms of the July 2009 Order, the September 2010 Order, the January 2012 Order, and the July 2015 Order, NJNG is to submit an annual SAVEGREEN cost recovery filing to establish future Rider F rates. This filing is being made coincident with but separate from NJNG's annual Basic Gas Supply Service filings and is to include updates to the SAVEGREEN investment levels, operating costs, and reconciled rate recoveries to actual cost results.
- 9. Attached hereto and made a part of this Petition are the following Schedules providing the information listed in the Minimum Filing Requirements approved in the July 2009 Order with information provided for the SAVEGREEN Program.

Information on NJNG's direct FTE employment impacts.
Rate Change and Monthly revenue requirement calculation.
Actual clause revenues, by month and by rate class.
Monthly beginning and ending clause deferred balances and the average
deferred balance, net of tax, for the reconciliation period.
Interest rate used for over/under deferred balance recoveries.
Interest expense to be charged or credited each month.
Budgeted versus actual SAVEGREEN Program Costs.
Monthly journal entries for regulatory asset and deferred O&M expenses
for the SAVEGREEN Program for the reconciliation period.
Supporting details for all administrative costs related to the SAVEGREEN
Program included in the revenue requirement.
Carrying cost used for the unamortized costs of the SAVEGREEN
Program.
Number of participants in each SAVEGREEN program.
Estimated demand and energy savings for each SAVEGREEN program.
Estimated emissions reductions for each SAVEGREEN program.
For programs that provide incentives for conversion of energy utilization
to natural gas from other energy sources (e.g., converting from electric to
gas furnaces), the number of such projects; estimate of the increase in
annual gas demand and energy associated with these projects; and the
avoided use of electricity and/or other fuels.
Net impact of proposed rate changes
Proposed Tariff Pages

10. Based on the foregoing and the information provided in the attached Schedules, NJNG proposes to reduce the current after-tax EE rate of \$0.0327 per therm to \$0.0283 per therm, for recovery of SAVEGREEN Program Costs approved in the September 2010 Order, the January 2012 Order and the July 2015 Order.

WHEREFORE, NJNG requests that the Board issue an Order:

1. Approving the Company's continued recovery of the

SAVEGREEN Program Costs as shown in the attached Schedules

covering the investments approved in the September 2010 Order,

the January 2012 Order and the July 2015 Order;

2. Approving the actual investments and operation and maintenance

expenses as prudent and reasonable;

3. Approving NJNG's request that the EE rate for Rider F be reduced

from \$0.0327 after-tax to \$0.0283 per therm after-tax;

4. Granting such other relief as the Board deems just, reasonable and

necessary.

Respectfully submitted,

NEW JERSEY NATURAL GAS COMPANY

By:

Andrew K. Dembia, Esq. Regulatory Affairs Counsel

Dated May 31, 2017

STATE OF NEW JERSEY) : COUNTY OF MONMOUTH)

VERIFICATION

MARK G. KAHRER of full age, being duly sworn according to law, on his oath deposes and says:

- 1. I am Vice President, Regulatory Affairs for New Jersey Natural Gas Company, the Petitioner in the foregoing Petition.
- 2. I have read the annexed Petition, along with the Exhibits attached thereto, and the matters and things contained therein are true to the best of my knowledge, information and belief.

Mark G. Kahrer

Sworn and subscribed to before me this <u>3</u> day of May, 2017

MEREDITH A. McQUADE NOTARY PUBLIC OF NEW JERSEY Commission Expires 4/30/2019



The direct full time employee equivalent (FTE) impact for the SAVEGREEN Programs is detailed in the attached spreadsheets. Each spreadsheet includes the impact of 29 full time employees.

Detailed Program Budget Energy Efficiency - 2010 Program

Program	Total Approved Budget	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research	Performance Incentives
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage -	\$7 174 349 90	\$634 740 50	\$981.330.90		\$3 600 000 00	\$1 958 278 50		
HPwES Enhancements - (NJNG)	\$5,787,842.10	\$139,384.50	\$215,414.10		\$5,000,000.00	\$433,043.50		
OPOWER - (NJNG)	\$287,500.00		\$287,500.00					
Sub-Total: Residential EE Program	\$13,249,692.00	\$774,125.00	\$1,484,245.00	\$0.00	\$8,600,000.00	\$2,391,322.00	\$0.00	\$0.00
Whole Building Programs								
Other C&I Programs								
Combined Heat & Power - (NJNG)	\$1,070,863.00							
Sub-Total: C&I Programs	\$1,070,863.00	\$0.00	\$0.00	\$0.00	\$0.00	00:0\$	\$0.00	\$0.00
TOTAL Energy Efficiency Programs	\$14,320,555.00	\$774,125.00	\$1,484,245.00	\$0.00	\$8,600,000.00	\$2,391,322.00	\$0.00	\$0.00

The Programs were approved in the BPU Order dated September 24, 2010 in Docket No. GO10030225

NEW JERSEY NATURAL GAS COMPANY

Detailed Program Actual April 2012 Energy Efficiency 2010 Program

Program	Total	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research	Performance Incentives
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage - (NJNG)	\$9,067,069.02	\$161,441.80	\$1,565,887.55		\$6,411,600.00	\$928,139.67		
CONT. IV	A 100 00	00000	77 040		60 407 050 00	00 050 3389		
nrwes emancements - (NSNG)	\$3,805,125.11	\$133,080.82	\$319,112.77		\$3,197,252.69	\$100,072.03		
OPOWER - (NJNG)	\$332,750.00		\$332,750.00					
Sub-Total: Residential EE Program	\$13,204,944.13	\$295,128.62	\$2,217,750.32	\$0.00	\$9,608,852.89	\$1,083,212.30	\$0.00	\$0.00
Whole Building Programs								
Other C&I Programs								
Combined Heat & Power - (NJNG)								
Sub-Total: C81 Broarams	\$0.00	00 03	00 03	00 03	00 03	00 03	00 03	00 03
TOTAL Energy Efficiency Programs	\$13,204,944.13	\$295,128.62	\$2,217,750.32	\$0.00	\$9,608,852.89	\$1,083,		\$0.00

Detailed Program Budget Energy Efficiency - 2012 Program

Program	Total Actual Expenditures	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research	Performance Incentives
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage (NJNG)	\$8,918,903.55 \$	\$ 177,391.40	\$1,897,894		\$5,850,000.00	\$ 993,618.15		
HPwES Enhancements (NJNG)	\$4,270,883.44 \$	\$ 125,936.16	\$320,000		\$3,500,000.00	\$ 324,947.28		
Opower Expense only	\$211,848.63		\$211,849					
Sub-Total: Residential EE Program	\$13,401,635.62	\$303,327.56	\$2,429,742.63	\$0.00	\$9,350,000.00	\$1,318,565.43	\$0.00	\$0.00
Whole Building Programs								
Other C&I Programs								
NJ Access	\$1,000,000.00				\$1,000,000.00			
Sub-Total: C&I Programs	\$1,000,000.00	\$0.00	\$0.00	\$0.00	\$1,000,000.00	\$0.00	\$0.00	\$0.00
TOTAL Energy Efficiency Programs	\$14,401,635.62	\$303,327.56	\$2,429,742.63	\$0.00	\$10,350,000.00	\$1,318,565.43	\$0.00	\$0.00

The Programs were approved in the BPU Order dated January 18, 2012 in Docket No. GR11070425

NEW JERSEY NATURAL GAS COMPANY

Detailed Program Actual June 2013 Energy Efficiency - 2012 Program

Program	Total Actual Expenditures	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Evaluation and Related Research	Performance Incentives
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage (NJNG)	\$11,159,433.06	\$ 209,170.68	\$1,420,833		\$8,277,300.00	\$ 1,252,129.41		
HPwES Enhancements (NJNG)	\$17,182,575.88	\$ 147,117.46	\$339,773		\$16,444,272.97	\$ 251,412.44		
Opower Expense only	\$555,661.78		\$555,662					
Sub-Total: Residential EE Program	\$28,897,670.72	\$356,288.14	\$2,316,267.76		\$24,721,572.97	\$1,503,541.85		
Whole Building Programs								
Other C&I Programs								
NJ Access	\$0.00							
Sub-Total: C&I Programs	\$0.00	00.0\$	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL Energy Efficiency Programs	\$28,897,670.72	\$356,288.14	\$2,316,267.76	\$0.00	\$24,721,572.97	\$1,503,541.85	\$0.00	\$0.00
Sub-Total: C&I Programs TOTAL Energy Efficiency Programs		\$0.00 \$356,288.14	\$2,316,267.76	\$0.00	\$2,	\$0.00	\$1,503,	\$0.00

Detailed Program Budget Energy Efficiency - RGGI 3 July 1, 2013

Energy Efficiency & Renewable Programs	Proposed Budget	Administration, IT and Program Development	Sales and Marketing	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections and Other Quality Control	Audit and Quality control	bate Processing, Audit and Evaluation and Other Quality Control
al Energy Efficiency Program	\$18,994,229.97	\$958,035.86	\$2,190,593.78	\$0.00	\$12,227,500.00	\$1,380,788.33	\$1,380,788.33 \$2,137,312.00	\$100,000.00
OBRP	\$63,953,022.25	\$164,569.87	\$870,172.15	\$0.00	\$62,172,728.56	\$745,551.67	\$0.00	\$0.00
mercial OBRP	\$750,000.00	\$0.00	\$0.00	\$0.00	\$750,000.00	\$0.00	\$0.00	\$0.00
il to Gas Conversions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	\$83,697,252.22	\$1,122,605.73	\$3,060,765.93	\$0.00	\$75,150,228.56	\$2,126,340.00	\$2,137,312.00	\$100,000.00

d Program Actual to April 30, 2016	ficiency - RGGI 3 started July 1, 2013
Detailed Progra	Energy Efficiency

		Energy	Energy Efficiency - RGGI 3 started July 1, 2013	started July 1,	2013			
Program	Total Actual Expenditures	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Audit and Quality control	Evaluation and Related Research- APPRISE
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage (NJNG)	\$9,082,937.01	\$212,614.40	\$1,966,491.06		\$5,780,800	\$265,604.03	\$836,992.86	\$20,434.66
WarmAdvantage Non HPwES DBRP's	\$5.567.281.69	\$198.551.27	\$831.864.39		\$3.564.172.50	\$743.010.65	\$209.248.22	\$20.434.66
HPWES Enhancements (NJNG)	\$61,668,551.71	\$ 196,334.25	\$1,110,664.05		\$59,710,015.05	\$631,103.69		\$20,434.67
Opower Expense only	\$1,006,377.26		\$1,006,377.26					
Sub-Total: Residential EE Program	\$77,325,147.67	\$607,499.92	\$4,915,396.76		\$69,054,987.55	\$1,639,718.37	\$1,046,241.08	\$61,303.99
Whole Building Programs								
Commercial DI	\$1,652,525.73	\$4,174.42			\$1,641,752.66	\$6,598.65		
	1							
Sub-Total: C&I Programs	\$1,652,525.73	\$4,174.42			\$1,641,752.66	\$6,598.65		
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NEW JERSEY NATURAL GAS COMPANY

Detailed Program Actuals to April 30, 2017 Energy Efficiency - 2015 Program started August 1, 2015

		Energy Effic	Energy Efficiency - 2015 Program started August 1, 2015	m started Augus	St 1, 2013			
Program	Total Actual Expenditures	Administration & Program Development	Sales, Call Centers, Marketing and Website	Training	Rebates, Grants, and Other Direct Incentives	Rebate Processing, Inspections, and Other Quality Control	Audit and Quality control	Evaluation and Related Research- APPRISE
RESIDENTIAL PROGRAMS								
Enhanced WARMAdvantage Boiler/Furnace-Water Heater	\$5,384,447	\$196,223	\$1,594,711		\$2,612,200	\$145,982	\$808,070	\$27,261
WarmAdvantage Non HPwES								
OBRP's	\$5,913,967	\$368,412	\$748,242		\$4,108,548	\$122,790	\$538,714	\$27,261
10110					000			100
HPWES Enhancements (NJNG)	\$15,280,712	\$224,070	\$913,310		\$13,754,496	\$361,574		\$27,261
O power	\$575,000		\$575,000					
Sub-Total: Residential EE Program	\$27,154,126	\$788,705	\$3,831,263		\$20,475,245	\$630,347	\$1,346,784	\$81,782
Whole Building Programs								
Common Circuit	¢205 205	\$20.400	\$4.075		6270 050	¢20 442		
	000,000	051,020	0.0(1)		9213,030	514,024		
Commercial Smart Start	\$464,204	\$19,547	\$4,875		\$420,385	\$19,397		
Sub-Total: C&I Programs	\$789,539	\$39,737	\$9,750		\$700,243	\$39,809		
TOTAL Energy Efficiency Programs	\$27,943,665	\$828,442	\$3,841,013		\$21,175,488	\$670,156	\$1,346,784	\$81,782

The monthly revenue requirement calculation for the period October 2016 through September 2018 is detailed in the attached spreadsheet. The information includes actual financial information through April 30, 2017 and estimated data for the period May 1, 2017 through September 30, 2018.

New Jersey Natural Gas Energy Efficiency Recovery Rates

(\$000)

Actual Under/(Over) recovery at April 30, 2017	\$	(4,394)
Estimated Revenue Requirements (May 2017 through September 2017): RGGI EE Extension July 2013 Programs August 2015 Programs	\$	133 1,084 3,650 3,428
Estimated Recovery		(3,134)
Estimated Interest		(2)
Estimated Under/(Over) recovery at September 30, 2017	\$	766
Estimated Revenue Requirements (Oct 2017 through Sep 2018): RGGI EE Extension July 2013 Programs August 2015 Programs	\$	283 1,144 8,053 8,066
Total Amount to be Recovered	\$	18,313
Per Therm Recovery Firm Throughput (000 therms)		690,422
Proposed Pre-tax EE Recovery Rate \$ per Therm Proposed After-tax EE Recovery Rate \$ per Therm	\$ \$	0.0265 0.0283
Current Pre-tax EE Recovery Rate \$ per Therm Current After-tax EE Recovery Rate \$ per Therm	\$ \$	0.0306 0.0327
Pre-tax EE Recovery Rate \$ per Therm Increase/ (Decrease) After-tax EE Recovery Rate \$ per Therm Increase/ (Decrease)	\$ \$	(0.0041) (0.0044)

Schedule NJNG-2 Page 3 of 10

	Accumulated Deferred FIT	(1,419,860) (1,325,244) (1,230,629)	(1,136,014)	(1,041,399)	(946,784) (852.168)	(757,614)	(670,153)	(587,674)	(511,552)	(440,103)	(373,581)	(312,541)	(255,868)	(203,875)	(155,482)	(112,328)	(74,719)	(43,834)	(20,343)	(6,030)	∑ 20 €	(0)	•	•	1
EE Extension	Unamort Reg Asset	3,475,788 3,244,172 3,012,556	2,780,940	2,549,324	2,317,708	1,854,625	1,640,523	1,438,614	1,252,270	1,077,363	914,519	765,093	626,360	499,082	380,617	274,977	182,910	107,305	49,798	14,761	(45)		•		
	Net Investment to determine Debt, Equity and Taxes	3,475,788 3,244,172 3,012,556	2,780,940	2,549,324	2,317,708	1,854,625	1,640,523	1,438,614	1,252,270	1,077,363	914,519	765,093	626,360	499,082	380,617	274,977	182,910	107,305	49,798	14,761	(45)		•	•	
	Accumulated Deferred FIT	(143,573) (107,671) (76,424)	(49,483)	(28,281)	(12,730)	(308)	(374)	(204)	(41)	0		•	•			1	•								
RGGI	Unamort Reg Asset	351,464 263,576 187,084	121,134	69,230	31,163 6.644	757	917	200	100			•	•					•							•
	Net Investment to determine Debt, Equity and Taxes		121,134	69,230	51,163	757	917	200	100			•		٠	•	•	•	•		•		•	•	•	
	Actual/ Estimate	∢ ∢ ∢	∢	∢ <	∢ ∢	< <	⋖	⋖	Est	Est	Est	Est	Est	ESt	EST	LSI	EST For	ESI							
	_	2016 2016 2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2010
	Period	Jul Aug Sep	Oct	> 0 0 0 0	Jan	Feb	Mar	Apr	May	Jun	Ju	Ang	Sep	Oct	Nov	Dec	Jan	Бер	Mar	Apr	May	unc -	In S	Aug	oeb

	1	Debt,	and Laxes 2,692,830	2,835,041	2,851,542		2,833,074	2,805,454	2,743,335	2,747,953	2,745,552	2,736,106	2,725,164	2,725,253	2,728,432	2,733,274	2,743,574	2,767,108	2,757,265	2,758,557	2,757,412	2,794,528	2,816,997	2,849,257	2,867,074	2,858,258	2,848,807	2,829,160	2,818,880	2 000 201
	x+00/(al +01	determine Debt,	equity and Taxes 2.692,830	2,83	2,8		2,83	2,8(2,7	2,7	2,7	2,73	2,7	2,7	2,7	2,73	2,7,	2,76	2,7	2,7	2,7	2,7	2,8,	2,8,	2,8	2,8	2,8,	2,8	2,8,	ò
Programs			(603,810)	(710,344)	(816,685)		(922,335)	(1,019,829)	(1,102,804)	(1,173,177)	(1,233,553)	(1,283,216)	(1,324,156)	(1,356,966)	(1,384,686)	(1,408,743)	(1,425,341)	(1,438,998)	(1,449,898)	(1,458,847)	(1,467,432)	(1,474,798)	(1,481,078)	(1,487,134)	(1,492,907)	(1,497,522)	(1,500,980)	(1,503,009)	(1,503,880)	(001
August 2015 Programs	or or spans	Unamort	3.296.640	3,545,386	3,668,227		3,755,409	3,825,283	3,846,138	3,921,131	3,979,104	4,019,321	4,049,320	4,082,219	4,113,118	4,142,017	4,168,916	4,206,106	4,207,163	4,217,404	4,224,844	4,269,326	4,298,075	4,336,390	4,359,981	4,355,780	4,349,787	4,332,169	4,322,759	
			3,296,640	3,545,386	3,668,227		3,755,409	3,825,283	3,846,138	3,921,131	3,979,104	4,019,321	4,049,320	4,082,219	4,113,118	4,142,017	4,168,916	4,206,106	4,207,163	4,217,404	4,224,844	4,269,326	4,298,075	4,336,390	4,359,981	4,355,780	4,349,787	4,332,169	4,322,759	
	Not toomtooy of to	determine Debt,	Equity and Taxes 9,131,863	8,791,432	8,480,539		8,190,956	7,924,076	7,668,091	7,413,825	7,160,648	6,908,731	6,657,291	6,405,850	6,154,410	5,902,970	5,651,529	5,400,089	5,148,648	4,897,208	4,645,767	4,394,327	4,142,886	3,891,446	3,640,005	3,388,565	3,137,124	2,898,882	2,670,420	**********
3 Programs	Simples	Accumulated	(5,948,872)	(5,864,214)	(5,750,018)		(5,614,511)	(5,456,301)	(5,287,197)	(5,116,373)	(4,944,460)	(4,771,288)	(4,597,639)	(4,423,990)	(4,250,341)	(4,076,692)	(3,903,042)	(3,729,393)	(3,555,744)	(3,382,095)	(3,208,446)	(3,034,797)	(2,861,148)	(2,687,499)	(2,513,850)	(2,340,201)	(2,166,552)	(2,002,017)	(1,844,237)	1100000
IIIIV 2013 P	•	Unamort	reg Asset 15,080,736	14,655,646	14,230,557		13,805,467	13,380,377	12,955,288	12,530,198	12,105,109	11,680,019	11,254,930	10,829,840	10,404,751	9,979,661	9,554,572	9,129,482	8,704,392	8,279,303	7,854,213	7,429,124	7,004,034	6,578,945	6,153,855	5,728,766	5,303,676	4,900,899	4,514,657	070
			15,080,736	14,655,646	14,230,557		13,805,467	13,380,377	12,955,288	12,530,198	12,105,109	11,680,019	11,254,930	10,829,840	10,404,751	9,979,661	9,554,572	9,129,482	8,704,392	8,279,303	7,854,213	7,429,124	7,004,034	6,578,945	6,153,855	5,728,766	5,303,676	4,900,899	4,514,657	0.00
<u></u>		Actual/	Estimate A	⋖	∢		⋖	⋖	⋖	⋖	⋖	⋖	⋖	Est	Ĺ															
		•	2016	2016	2016		2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	0,00
			Period Jul	Aug	Sep		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Ang	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	In	Ang	(

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Revenue	588,215	539,255	509,026	18,447,434	921,781	1,874,764	3,290,424	3,426,092	2,713,049	3,054,464	1,223,954	783,820	587,384	596,940	582,587	582,930	19,638,189		906,162	1,724,889	2,848,622	3,492,374	2,930,297	2,362,935	1,301,432	682,924	511,491	519,964	507,487	507,615	18,296,192
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Rider Rate	0.0306	0.0306	0.0306		0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306	0.0306			0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	
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Volumes	19,222,714	17,622,722	16,634,842	602,857,324	30,123,568	61,266,808	107,530,183	111,963,805	88,661,748	99,819,071	39,998,489	25,615,034	19,195,554	19,507,852	19,038,791	19,049,990	641,770,895		34,194,774	65,090,144	107,495,180	131,787,712	110,577,236	89,167,344	49,110,635	25,770,714	19,301,564	19,621,280	19,150,471	19,155,276	690,422,329
Actual/ Estimate	Α	⋖	Α		4	⋖	∢	⋖	∢	∢	⋖	Est	Est	Est	Est	Est			Est	Est	Est	Est	Est	Est	Est	Est	Est	Est	Est	Est	
	2016	2016	2016		2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017			2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	
Period	In	Aug	Sep		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	lυς	Ang	Sep			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	lυς	Aug	Sep	

		Total Costs				2,022,942	96.051						, 27,934	, 27,574	5 26,933	, 26,492	, 26,151	, 25,810	519,925	5 25,469	, 25,128	, 24,787			, 23,765							283,132
			\$	÷> €	<i>₽</i>		9	· છ	· (S)	φ.	⇔ -	⇔ -	⇔ -	⇔	⇔ -	⇔ -	↔ -	⇔		↔	⇔	⇔	⇔ -	⇔	⇔	⇔ -	\$ -	↔ '	\$ -	•	\$	
		O&M																														
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		Total Margin	20,343	19,384	18,341	290,036	17.601	16,934	16,421	15,956	15,657	15,296	15,017	14,674	14,333	13,992	13,651	13,310	182,841	12,969	12,628	12,287	11,947	11,606	11,265	10,924	10,583	10,242	9,901	095'6	9,220	133,132
		ı		ه د		↔ ∞	8				&					\$			က	&			\$				\$					د
	ent Plan	Return	12,496	12,180	11,763	159,928	11,512	11,256	11,052	10,830	10,649	10,403	10,215	9,983	9,751	9,519	9,287	9,055	123,513	8,823	8,591	8,360	8,128	7,896	7,664	7,432	7,200	6,968	6,736	6,504	6,272	90,575
RGGI Costs	0% Repayment Plan	Taxes	5,871	5,723	2,527	75,143	5,409	5,289	5,193	5,089	5,004	4,888	4,799	4,691	4,582	4,473	4,364	4,255	58,033	4,146	4,037	3,928	3,819	3,710	3,601	3,492	3,383	3,274	3,165	3,056	2,947	42,557
BC		Equity	914	686	48/	25,441	315	180	81	17	2	2	~	0	0	•		1	009		1	•	•	•	•	•			•			
		Taxes	631	474	336	17,570	218	124	56	12	_	2	_	0	0			•	414													1
		Debt	430	322	677	11,954	148	85	38	80	_	_	_	0	0			•	282	•	•											
		Amortization	113,006	100,388	88,993	1,732,906	78,450	64,403	50,568	37,018	18,387	12,341	12,917	12,900	12,600	12,500	12,500	12,500	337,084	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	150,000
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	₫.		2016)16)16	916)16)16	2016	717	717	717	717	717	717	717	717	717		017	2017	017	018	018	018	:018	:018	:018	:018	:018	:018	
		Period	In ,	Au	Ŋ		ŏ	N	Dec	Ja	Fe	Ĭ	ΑĘ	Me	곡	ىل	Au	Se		ŏ	Nov	De	Ja	Fe	M	ΑĘ	Me	극	ال	Au	Se	

		Total Costs	310,182	307,981	305,488	3,812,592	303,341	301,348	299,166	297,146	295,030	275,246	261,328	243,968	230,797	217,063	202,044	189,810	3,116,286	176,872	166,624	152,431	137,562	119,892	100,682	77,218	56,101	40,443	39,680	38,872	38,064	1,144,442
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		O&M					٠	•	٠	•	٠	٠	•	٠	•	•	٠	٠		٠	•	1	•	٠	•	•	1	1	•	•	•	
		O					↔	s	↔	s	s	s	s	↔	↔	↔	↔	↔	↔	s	s	()	↔	↔	s	s	()	↔	s	↔	s	s
		Total Margin	78,566	76,365	73,871	1,033,199	71,725	69,731	67,550	65,530	63,564	61,143	59,419	57,624	55,889	54,219	52,619	51,076	730,089	49,594	48,159	46,791	45,496	44,287	43,175	42,181	41,295	40,488	39,680	38,872	38,064	518,083
		ĭ 		6		C	8		⇔	8					φ		\$ 2			8	8	8	\$ 2	& &		& (C)				&		\$
	ent Plan	Return	39,753	39,109	38,272	502,720	37,664	37,158	36,528	36,004	35,515	34,664	34,232	33,698	33,164	32,630	32,097	31,563	414,917	31,029	30,495	29,961	29,427	28,893	28,359	27,826	27,292	26,758	26,224	25,690	25,156	337,111
EE Extension	0% Repayment Plan	Taxes	20,398	20,067	19,638	257,951	19,326	19,066	18,743	18,474	18,223	17,787	17,565	17,291	17,017	16,743	16,469	16,195	212,898	15,921	15,647	15,373	15,099	14,825	14,552	14,278	14,004	13,730	13,456	13,182	12,908	172,975
33		Equity	9,042	8,440	7,837	133,818	7,235	6,632	6,030	5,427	4,825	4,268	3,743	3,258	2,803	2,379	1,990	1,630	50,219	1,298	066	715	476	279	130	38	(0)	(0)	•	•		3,927
		Taxes	6,245	5,829	5,413	92,417	4,996	4,580	4,164	3,748	3,332	2,948	2,585	2,250	1,936	1,643	1,375	1,125	34,682	897	684	494	329	193	88	27	(0)	(0)		•	-	2,712
		Debt	3,128	2,920	2,711	46,293	2,503	2,294	2,086	1,877	1,669	1,476	1,295	1,127	920	823	689	564	17,373	449	343	247	165	26	45	13	(0)	(0)	•	1	1	1,358
		Amortization	231,616	231,616	231,616	2,779,394	231,616	231,616	231,616	231,616	231,466	214,103	201,909	186,344	174,907	162,844	149,425	138,734	2,386,196	127,278	118,465	105,640	92,067	75,605	57,507	35,037	14,806	(42)		•		626,360
	tual/	Estimate	Α,	⋖	∢		⋖	4	⋖	⋖	⋖	⋖	⋖	:st	:st	:st	:st	<u>-</u> st	I	st	:st	:st	:st	:st	:st	:st	:st	:st	:st	Est	:st	
	Ac	Esti																														
			2016	2016	2016		2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017		201	201	201	201	201	201	201	201	201	201	2018	201	
		Period	Inς.	Ang	Sep		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Ang	Sep		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Ju	Aug	Sep	

		Total Costs	\$ 808,419	\$ 799,720	\$ 792,395	9,944,152	\$ 785,790	\$ 779,126	\$ 772,484		\$ 760,067	\$ 753,381		\$ 741,947	\$ 736,003	\$ 730,077	\$ 724,161	\$ 718,286	9,014,834	\$ 712,453	\$ 706,681	\$ 700,935	\$ 695,277	\$ 689,371	\$ 683,732	\$ 678,094			\$ 638,982	\$ 617,009		8,052,893
		Σ	-	,	-		,	,	,	,	,	,	,	,	,	,	,	,		,	,	,	,	,	,	,	,	,	,	,	-	
		O&M																	ક્ક													\$
		Total Margin	383,330		367,305	4,874,002	360,700	354,037	347,395	340,523	334,977	328,291	322,811	316,857	310,913	304,987	299,071	293,196	3,913,759	287,363	281,592	275,846	270,188	264,281	258,643	253,004		241,728	236,205			3,072,423
	ent Plan	Return		195,582 \$	192,557	2,479,819 \$	189,883	187,039 \$	184,147	181,094	178,907	175,963 \$	173,808 \$	171,342 \$	168,883	166,435	163,994	161,580 \$	2,103,075 \$	159,193	156,847	154,518	152,246	149,811		145,294 \$						1,758,057 \$
July 2013 Programs	0% Repayment Plan	Taxes	104,069	102,107	100,528	1,294,631	99,131	97,647	96,137	94,543	93,401	91,864	90,739	89,452	88,168	86,890	85,616	84,355	1,097,945	83,109	81,885	80,669	79,483	78,212	77,032	75,853	74,674	73,495	72,316	71,137	69,959	917,823
S ylub		Equity	39,693	38,213	36,862	546,098	35,603	34,443	33,331	32,225	31,125	30,030	28,937	27,844	26,751	25,658	24,565	23,472	353,986	22,379	21,287	20,194	19,101	18,008	16,915	15,822	14,729	13,636	12,600	11,607	10,667	196,945
		Taxes	27,413	26,391	25,458	377,145	24,588	23,787	23,019	22,255	21,495	20,739	19,984	19,230	18,475	17,720	16,965	16,210	244,469	15,456	14,701	13,946	13,191	12,436	11,682	10,927	10,172	9,417	8,702	8,016	7,367	136,014
		Debt	12,815	12,337	11,901	176,309	11,495	11,120	10,761	10,404	10,049	9,695	9,342	8,990	8,637	8,284	7,931	7,578	114,285	7,225	6,872	6,520	6,167	5,814	5,461	5,108	4,755	4,402	4,068	3,747	3,444	63,584
		Amortization	425,090	425,090	425,090	5,070,149	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	5,101,075	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	425,090	402,777	386,241	365,645	4,980,470
	Actual/	Estimate	⋖	⋖	⋖		⋖	⋖	⋖	⋖	⋖	⋖	⋖	Est	Est	Est	Est	Est		Est	Est	Est	Est	Est	Est							
		Ш		2016	2016		2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017		2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	
		Period	Inc	Ang					Dec											Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	

		Total Costs	552,065	442,816	5,301,769	415,581	494,804	575,741	484,493	458,376	481,652	475,007	483,146	1,104,631	687,036	575,617	578,024	6,814,109	24.0	040,009	710,563	618,923	596,023	622,762	617,740	899,609	928,031	807,056	691,533	690,452	8,066,339
		D&M		291,732 \$		242,613 \$	311,751 \$	382,613 \$	280,920 \$	248,187 \$	263,720 \$	250,276 \$	239,364 \$	849,483 \$	420,659 \$	297,567 \$	288,110 \$	4,075,263	777	247,400	390,766	286,538 \$	253,151 \$	268,994 \$	255,282 \$	239,364 \$	549,483 \$	420,659 \$	297,567 \$	288,110 \$	3,814,865
		4.99%	(2,572)	(2,802)	(15,287)	(3,575)	(4,611)	(5,105)	(5,714)	(7,100)	(7,382)	(8,385)						(41,871)													
		Total Margin	81,124	87,531	687,453	104,325	113,037	121,988	130,479	136,163	142,131	148,015	156,681	166,047	175,276	184,949	194,604	1,773,696	1000	202,101	210,273	229,367	237,621	246,083	252,548	258,603	265,055	271,279	277,057	283,641	2,953,427
grams	t Plan	ا پ	37,810 \$	41,189 \$		52,687 \$	\$ 909'89	64,882 \$	70,469 \$	74,241 \$			87,923 \$	94,098 \$	100,172 \$	106,508 \$	112,756 \$	982,777	6	117,010	129,430	135,583 \$	140,912 \$	146,321 \$	150,493 \$	154,547 \$	158,867 \$	163,095 \$	166,975 \$	171,388 \$	1,758,587
Andriet 2015 Programs	0% Repayment Plan	Taxes	20,258	22,068	169,454	27,000	30,033	33,249	36,112	38,045	40,095	42,121	45,057	48,221	51,334	54,581	57,783	503,632	020	00,372	66,328	69,481	72,211	74,983	77,121	79,199	81,413	83,580	82,568	87,829	901,202
		Equity	11,646	12,262	101,897	12,088	11,970	11,705	11,725	11,714	11,674	11,627	11,628	11,641	11,662	11,706	11,806	140,946	757	11,704	11,770	11,923	12,019	12,157	12,233	12,195	12,155	12,071	12,027	11,982	144,062
		Taxes	8,043	8,468	70,372	8,348	8,267	8,084	8,097	8,090	8,062	8,030	8,030	8,040	8,054	8,084	8,154	97,340	0 7 7 7	0,170	8,128 8,128	8.234	8,301	8,396	8,448	8,422	8,394	8,336	8,306	8,275	99,492
		Debt	3,366	3,544	29,450	4,202	4,161	4,069	4,076	4,073	4,059	4,042	4,042	4,047	4,054	4,070	4,105	49,001	000	4,090	4,092 4,090	4,145	4,179	4,226	4,253	4,240	4,226	4,197	4,181	4,166	50,084
		Amortization	61,103	66,354 69.561	500,935	72,218	74,626	76,245	78,808	81,126	83,183	85,101	87,101	89,101	91,101	93,101	95,310	1,007,021	0.000	90,943	98,760 100.560	103,018	105,251	107,685	109,910	111,701	113,493	115,118	116,910	118,701	1,298,048
	Actual/	Estimate	⋖	∢ ∢		4	∢	⋖	⋖	⋖	⋖	۷	Est	Est	Est	Est	Est		ţ.	JS L	T L	Est									
	1	. Ш	2016	2016 2016		2016	2016	2016	2017	2017	2017	2017	2017	2017	2017	2017	2017		7,700	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	
		Period		Aug				Dec											č	5 ;) N	Jan	Feb	Mar	Apr	May	Jun	Jul	Ang	Sep	

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Interest (409)	(161) 80	(6,024)		272	321	130	(230)	(547)	(150)	(302)	(cco)	(620)	(134)	(12)	(3,739)		221	259	104	(243)	(616)	(874)	(362)	(880)	(881)	(461)	(265)	(82)	(4,488)
Commercial Paper Interest Rate	0.4%	I		0.4%	0.4%	0.4%	0.4%	%4.0 %4.0	0. c	% % % %	0.4%	0.4% 0.4%	0.4%	0.4%			0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	
Average Balance (1.142.496)	(448,420) (223,572			758,306	894,597	363,965	(642,150)	(1,526,856)	(2,320,001)	(2,083,361)	(4,307,300)	(1,729,619) (968-150)	(373.955)	180,395			617,136	722,353	290,753	(678,145)	(1,718,319)	(2,437,849)	(2,685,377)	(2,456,635)	(1,916,913)	(1,285,577)	(738,397)	(236,895)	
Cumulative Under (Over)	(192,529) (192,589) 948,538		942,514	1,621,496	1,403,347	(172,696)	(1,998,563)	(3,164,095)	(4,000,044)	(4,392,428)	(5,679,615)	(2,168,634)	(1,159,521)	769,478		765,739	1,320,941	1,121,504	(138,401)	(2,154,566)	(3,655,472)	(4,587,466)	(4,492,421)	(3,814,037)	(2,667,495)	(1,679,340)	(817,352)	16,354	
Under C (Over) Balance	1,131,035 1,141,128		Beginning Balance	678,982	(218,149)	(1,5/6,043)	(1,825,867)	(1,165,532)	(940,010,049)	712,016	010,217	1,510,979	945 386	929,000		Beginning Balance	555,202	(199,437)	(1,259,905)	(2,016,166)	(1,500,905)	(931,994)	95,044	678,384	1,146,542	988,155	861,987	833,707	
Actual/ Estimate	: ব ব			∢ •	∢ •	∢ •	∢ •	∢ <	(<	ا ک	ַה בו	ESt Fet	Д М	Est			Est	Est	Est									Est	
2016	2016 2016 2016			2016	2016	2016	2017	2017	7 7 7	2017	707	2017	2017	2017			2017	2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	
Period	Aug Sep			oct Oct	ک کار	- ec	Jan	No.	<u>א</u>	Apr Mov	Ng	un I	A	Sep			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	

The clause revenue for the period October 1, 2016 through September 30, 2018 is detailed in the attached spreadsheet. The information includes actual financial information through April 30, 2017 and estimated data for the period May 1, 2017 through September 30, 2018.

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		Actual/			Rider	
Period		Estimate	Volumes		Rate	Revenue
Oct	2016	А	30,123,568	\$	0.0306	\$ 921,781
Nov	2016	Α	61,266,808	\$	0.0306	\$ 1,874,764
Dec	2016	Α	107,530,183	\$	0.0306	\$ 3,290,424
Jan	2017	Α	111,963,805	\$	0.0306	\$ 3,426,092
Feb	2017	Α	88,661,748	\$	0.0306	\$ 2,713,049
Mar	2017	Α	99,819,071	\$	0.0306	\$ 3,054,464
Apr	2017	Α	39,998,489	\$	0.0306	\$ 1,223,954
May	2017	Est	25,615,034	\$	0.0306	\$ 783,820
Jun	2017	Est	19,195,554	\$	0.0306	\$ 587,384
Jul	2017	Est	19,507,852	\$	0.0306	\$ 596,940
Aug	2017	Est	19,038,791	\$	0.0306	\$ 582,587
Sep	2017	Est	19,049,990	\$	0.0306	\$ 582,930
			641,770,895	,		19,638,189
Oct	2017	Est	34,194,774	\$	0.0265	\$ 906,162
Nov	2017	Est	65,090,144	\$	0.0265	\$ 1,724,889
Dec	2017	Est	107,495,180	\$	0.0265	\$ 2,848,622
Jan	2018	Est	131,787,712	\$	0.0265	\$ 3,492,374
Feb	2018	Est	110,577,236	\$	0.0265	\$ 2,930,297
Mar	2018	Est	89,167,344	\$	0.0265	\$ 2,362,935
Apr	2018	Est	49,110,635	\$	0.0265	\$ 1,301,432
May	2018	Est	25,770,714	\$	0.0265	\$ 682,924
Jun	2018	Est	19,301,564	\$	0.0265	\$ 511,491
Jul	2018	Est	19,621,280	\$	0.0265	\$ 519,964
Aug	2018	Est	19,150,471	\$	0.0265	\$ 507,487
Sep	2018	Est	19,155,276	\$	0.0265	\$ 507,615
			690,422,329			18,296,192

										1000			
				ACTUAL						FORECAST			FY 2017
	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	TOTAL
Residential Non-Heat	181,530	185,638	266,892	295,855	270,600	258,425	126,300	147,099	254,321	286,625	255,206	304,755	2,833,245
Residential Space Heat	16,565,559	38,174,342	70,448,767	73,126,386	57,657,698	65,074,466	23,698,250	13,891,279	9,593,945	9,666,030	9,431,380	9,406,679	396,734,782
General Service Small	808.746	2,201,273	4.331.506	4.875.423	3,700,205	4.315.891	1.350.268	697,928	413.923	421,957	418,105	415,158	23,950,385
General Service Large	2 653 857	4 935 822	8 424 282	11 345 959	9 078 869	10.077.388	3 157 399	2 593 421	1 712 541	1 761 151	1 764 646	1 706 997	59 212 332
	76.000,001	40,000,1	702,424,0	76,047	20,070,0	76,717,000	42.065	17 650	1,17,041	17.101,101	47.650	1,100,001	567 222
	40,007	49,002	40,112	40,007	09,700	40,100	43,000	60,74	40,122	47,039	47,009	40,122	277,766
DGSS	149,904	184,202	221,643	119,956	127,099	144,486	100,314	158,460	154,554	156,470	156,664	154,572	1,828,325
CNG	54,793	60,221	56,730	57,940	55,775	61,991	56,415	000'09	70,880	71,720	70,880	000'09	737,344
Total Firm Sales	20,461,245	45,791,151	83,798,593	89,868,406	70,930,034	79,978,827	28,532,811	17,595,846	12,246,285	12,411,612	12,144,541	12,094,283	485,853,635
Docidontial Transce	1 430 400	2 250 500	5 000 104	6 040 466	753 403	5 202 422	1 026 640	4 000 000	702 130	710 012	712 405	800 108	20 E20 EE1
Desidential Transported	44,004	3,230,300	0,009,194	0,049,400	4,733,462	0,230,422	1,920,040	1,090,093	102,139	10,917	13,490	44,424	32,332,331
Kesidentiai Transp Non-Heat	14,924	19,625	21,142	78,114	24,713	24,699	14,548	11,412	11,230	1.06,1.1	11,945	11,431	1.69.1.12
Firm Transportation - LLF	225,605	534,110	777,149	793,594	644,770	737,835	347,864	215,386	165,902	169,166	169,442	166,497	4,947,320
Firm Transportation - HLF	1,969,230	1,801,390	1,984,938	2,092,193	1,773,073	1,853,886	1,800,187	1,852,010	1,947,130	1,888,076	1,664,394	1,924,860	22,551,369
GSL - Transport	4,157,208	7,459,457	12,145,759	9,933,826	7,919,439	9,127,619	5,457,909	3,261,368	2,495,421	2,575,124	2,584,835	2,498,522	69,616,488
GSS - Transport	275,916	757,720	1,507,216	1,558,401	1,170,461	1,341,219	493,863	246,024	147,229	152,137	152,137	147,229	7,949,553
DG (FT&GSL)	295,134	237,277	232,161	230,013	193,632	226,049	129,733	160,953	159,377	161,303	162,143	159,358	2,347,132
Total Firm Transport	8.377.120	14.068,078	22.563,558	20,685,608	16.479,571	18.604.730	10.170.744	6.837.246	5.628.434	5.676,619	5.458,393	5.606,003	140,156,103
IT(incl IGS)	1,285,203	1,407,579	1,168,032	1,409,791	1,252,143	1,235,514	1,294,934	1,181,942	1,320,836	1,419,621	1,435,858	1,349,705	15,761,157
Total Therms	30,123,568	61,266,808	107,530,183	111,963,805	88,661,747	99,819,071	39,998,489	25,615,034	19,195,554	19,507,852	19,038,791	19,049,990	641,770,894
						FORECAS	SAST						FY 2018
	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	TOTAL
Residential Non-Heat	175,617	158,134	239,807	308,465	235,028	184,019	108,026	143,790	251,052	283,233	251,804	301,489	2,640,464
Residential Space Heat	18,707,237	40,229,262	70,167,469	87,676,442	73,682,562	58,780,906	30,445,029	14,094,215	9,720,934	9,798,320	9,562,374	9,531,473	432,396,224
General Service Small	1,135,050	2,554,989	4,786,336	6,045,667	5,037,458	3,861,730	1,605,816	715,058	424,117	432,222	428,009	424,408	27,450,858
General Service Large	3,745,838	6,992,872	10,825,769	13,014,527	11,028,916	8,672,856	4,887,922	2,589,527	1,726,740	1,776,485	1,780,934	1,723,608	68,765,994
FEED	47,659	46,122	47,659	47,659	43,047	47,659	46,122	47,659	46,122	47,659	47,659	46,122	561,148
DGSS	156,611	155,015	156,457	157,790	116,717	124,582	122,566	127,391	122,450	125,401	124,560	122,468	1,612,009
CNG	38,240	38,240	38,240	31,120	33,640	38,240	60,000	60,000	70,880	71,720	70,880	60,000	611,200
Total Firm Sales	24,006,252	50,174,633	86,261,737	107,281,670	90,177,368	71,709,993	37,275,481	17,777,639	12,362,294	12,535,039	12,266,221	12,209,568	534,037,896
Residential Transp Heat	1,627,142	3,241,685	5,573,803	6,948,803	5,750,643	4,439,205	2,399,102	1,090,093	702,139	718,912	713,495	698,106	33,903,128
Residential Transp Non-Heat	12,400	14,659	21,799	27,088	20,896	17,090	11,075	11,412	11,236	11,901	11,945	11,431	182,932
Firm Transportation - LLF	284,773	525,811	866,639	1,057,123	885,256	713,386	354,638	207,386	155,902	159,166	159,442	156,497	5,526,020
Firm Transportation - HLF	1,816,937	1,994,543	1,829,220	1,591,366	1,205,734	1,857,582	1,628,140	1,852,010	1,947,130	1,888,076	1,664,394	1,924,860	21,199,994
GSL - Transport	4,183,234	6,653,971	9,720,524	11,443,224	9,721,836	8,166,950	5,077,989	3,243,255	2,495,421	2,575,124	2,584,835	2,498,522	68,364,886
GSS - Transport	399,547	873,457	1,593,375	2,004,753	1,667,128	1,279,448	539,094	246,024	147,229	152,137	152,137	147,229	9,201,560
DG (FT&GSL)	164,947	168,441	176,898	179,669	171,020	174,549	165,127	160,953	159,377	161,303	162,143	159,358	2,003,785
Total Firm Transport	8,488,980	13,472,567	19,782,260	23,252,027	19,422,513	16,648,211	10,175,165	6,811,133	5,618,434	5,666,619	5,448,393	5,596,003	140,382,305
IT(incl IGS)	1,699,542	1,442,943	1,451,184	1,254,016	977,354	809,140	1,659,989	1,181,942	1,320,836	1,419,621	1,435,858	1,349,705	16,002,128
i i i i i i i i i i i i i i i i i i i			100	1		0	0			000		1	000
lotal Inerms	34,194,774	65,090,144	107,495,180	131,787,712	110,577,236	89,167,344	49,110,635	25,770,714	19,301,564	19,621,280	19,150,471	19,155,276	690,422,329

Please see Schedule NJNG-2 for the monthly SAVEGREEN Program deferred balances for the period October 2016 through September 2018. The information includes actual financial information through April 30, 2016 and estimated data for the period May 1, 2017 through September 30, 2018.

Please see Schedule NJNG-2 for the interest rate used for the over/under SAVEGREEN Program deferred balances for the period October 1, 2016 through September 30, 2018. The information includes actual financial information through April 30, 2017 and estimated data for the period May 1, 2017 through September 30, 2018.

Please see Schedule NJNG-2 which details the interest expense for the over/under SAVEGREEN Program deferred balances for the period October 1, 2016 through September 30, 2018. The information includes actual financial information through April 30, 2016 and estimated data for the period May 1, 2017 through September 30, 2018.

Please see Schedule NJNG-1 for the administrative costs associated with the SAVEGREEN Programs. Schedule NJNG-1 includes (1) the actual Program investments, rebates and O&M expenses as of April 30, 2017 and (2) the Program estimated investments, rebates and O&M expenses May 1, 2017 through September 30, 2018.

The Journal Entries to record the monthly accounting activity for the SAVEGREEN Programs are attached.

NEW JERSEY NATURAL GAS COMPANY ACCOUNTING ENTRIES

<u>Entry</u>	Acct.	<u>Description</u>	<u>Debit</u>	<u>Credit</u>
EE1	To defe 182 131	Accounting for NJNG SAVEGREEN Programs or program expenditures and incremental O&M Program Investment Regulatory Asset Cash	XXX	xxx
EE2	To amo 908 182	ortize direct program expenditures over years Customer Assistance Expenses Program Investment Regulatory Asset	XXX	XXX
EE3		rge incremental O&M to operating expense Customer Assistance Expenses Program Investment Regulatory Asset	XXX	XXX
EE4	Record 131 400 400 182	the Regulatory asset recovery Cash Clause Revenues Clause Revenues Regulatory Asset	xxx xxx	xxx xxx
EE5	To reco 182 407.3	Regulatory Asset Regulatory Asset Regulatory Debits Regulatory Credits Regulatory Liability	XXX XXX	XXX XXX
EE6	Record 182 419 254	cost of capital on unrecovered balance using NJNG's WACC Regulatory Asset Other Income Regulatory Liabilities	XXX XXX	XXX XXX
EE7	Record 908 131 182 908	the Regulatory asset recovery On Bill Financing Repayment Customer Assistance Expenses Cash Regulatory Asset Customer Assistance Expenses	xxx xxx	XXX XXX
EE8	Record 131 908 908 182	Recovery of On Bill Financing Repayment Cash Customer Assistance Expenses Customer Assistance Expenses Regulatory Asset	xxx xxx	xxx xxx

Please see Schedule NJNG-1 for the administrative costs associated with the SAVEGREEN Programs. Schedule NJNG-1 includes (1) the actual Program investments, rebates and O&M expenses as of April 30, 2017 and (2) the Program estimated investments, rebates and O&M expenses May 1, 2017 through September 30, 2018.

The carrying costs associated with the unamortized deferred asset balances for the SAVEGREEN Programs are detailed in Schedule NJNG-2.

The number of participants included in the SAVEGREEN Programs is detailed in Schedule NJNG-12.

The estimated demand and energy savings associated with the SAVEGREEN Programs are detailed in the attached spreadsheet.

NEW JERSEY NATURAL GAS COMPANY SAVEGREEN PROGRAMS

2010 Programs	Actual Participants	Annual Energy Savings (Therms)	CO2 Emissions Reductions (Ibs)	NOx Emissions Reductions (lbs)
Audits	6,833	-	-	-
Rebates	7,124	1,239,576	14,503,039	11,404
OBRP	474	-	-	-
HPES Tier II	7	595	6,962	5
HPES Tier III	446	133,800	1,565,460	1,231
HPES Seal Up	1,524	129,540	1,515,618	1,192

2012 Programs	Actual Participants	Annual Energy Savings (Therms)	CO2 Emissions Reductions (Ibs)	NOx Emissions Reductions (lbs)
Audits	8,451	-	-	-
Proactive Audits	103	-	-	-
Rebates	9,197	1,600,278	18,723,253	14,723
OBRP Tier II	27	-	-	-
OBRP Tier III	1,144	-	-	-
HPES Tier II Rebate	27	2,295	26,852	21
HPES Tier III Rebate	1,164	349,200	4,085,640	3,213
2013 Program-July 1, 2013-April 30, 2016	Actual Participants	Annual Energy Savings (Therms)	CO2 Emissions Reductions (lbs)	NOx Emissions Reductions (lbs)
Audits	9,734			
Proactive Audits	123			
Rebates	9,858	1,715,292	115,339	15,781
Non HPwES OBRP's	570	110,808	6,669	1,019
OBRP tier II	258			
OBRP Tier III	4,065			
HPES II	258	21,930	3,019	202
HPES III	4,065	1,219,500	47,561	11,219
OBRP-DIRECT INSTALL	96			

2015 Program - August 1, 2015-April 30, 2016	Actual Participants April 30, 2016	Annual Energy Savings (Therms)	CO2 Emissions Reductions (Ibs)	NOx Emissions Reductions (lbs)
Audits	2,983			
Proactive Audits	26			
Rebates-boiler/furnace	2,164	376,536	25,319	3,464
Rebates-water heater	674	13,763	7,886	127
Non HPwES OBRP's	227	44,129	2,656	406
OBRP tier II	75			
OBRP Tier III	320			
OBRP 4.99 int	46			
HPES II	75	6,375	878	59
HPES III	320	96,000	3,744	883
HPES 4.99 int	46	13,800	538	127
OBRP-DIRECT INSTALL	12			
OBRP-Smart Start	4			

2015 Program May 1, 2016 - April 30, 2017	Actual Participants April 30, 2017	Annual Energy Savings (Therms)	CO2 Emissions Reductions (lbs)	NOx Emissions Reductions (lbs)
Audits	3,675			
Proactive Audits	25			
Rebates-boiler/furnace	2,673	465,102	31,274	4,279
Rebates-water heater	1,263	25,790	14,777	237
Non HPwES OBRP's	423	82,231	4,949	757
OBRP tier II	134	11,390	1,568	105
OBRP Tier III	511	153,300	5,979	1,410
OBRP 4.99 int	145	43,500	1,697	400
HPES II	55			
HPES III	143			
HPES 4.99 int	30			
OBRP-DIRECT INSTALL	7			
OBRP-Smart Start	7			

The estimated emission reductions associated with the SAVEGREEN Programs are detailed in Schedule NJNG-12.

- 1. For programs that provide incentives for conversion of energy utilization to natural gas from other energy sources (e.g., converting from electric to gas furnaces) the company shall identify:
 - i. the number of such projects;
 - ii. an estimate of the increase in annual gas demand and energy associated with these projects; and
 - iii. the avoided use of electricity and/or other fuels.

Natural Gas Conversion Participation in SAVEGREEN Programs July 1, 2013 through June 30, 2015

Electric	Propane	Total Conversions	Total Program	Total Total Participation Conversions Program	Average Normalized Usage per customer in therms after	Total gas demand added in therms from converted	Total Oil avoided in gallons	Total gas demand added in therms from converted	Total Electric avoided in kwh	Total gas demand added in therms from converted propane	Total propane avoided in
	1	365	45.0	E 80%	conversion	216 226	100 040	22 405	ľ	customers	Salicii 5
n		607		0,00		C7C'CT7	100,040	55,455	cuc'net't	4,703	0,093
16		792		22%	957	710,094	966'889	32,538	1,191,704	15,312	20,097
85		2,211	9,082	24%	957	1,564,695	1,350,649	469,887	16,508,279	81,345	102,414
106		3,268	13,075	25%		2,490,114	2,177,685	535,920	18,890,486	101,442	128,606

Natural Gas Conversion Participation in SAVEGREEN Programs July 1, 2015 through April 30, 2017

Total propane avoided in gallons	18,284	6,095	24,379		65,823	11,581	77,404	101,783
Total gas demand added in therms from converted propane customers	14,355	4,785	19,140		51,678	5,320	56,998	76,138
Total Electric avoided in kwh	3,265,380	374,158	3,639,538		11,258,756	1,534,989	12,793,745	16,433,283
Total gas demand added in therms from converted electric customers	91,872	10,527	102,399		316,767	25,270	342,037	444,436
Total Oil avoided in gallons	300,863	231,498	532,361		707,865	108,323	816,188	1,348,549
Total gas demand added in therms from converted oil customers	344,520	265,089	609'609		810,579	72,580	883,159	1,492,768
Average Normalized Usage per customer in therms after conversion	957	957		ļ	957	190	I I	"
Participation Percentage	75%	30%	48%				27%	32%
Total Program	629	971	1,600		4,623	1,836	6,459	8,059
Total Total Conversions Program	471	293	764		1,232	543	1,775	2,539
Propane	15	5	20		54	28	82	102
Electric	96	11	107		331	133	464	571
Ö	360	277	637		847	382	1,229	1,866
Program	Non-HPwES OBRP	HPWES OBRP		Rebates	Heat	Hot Water		Total

Provide the Net Impact of the Proposed Rate Changes.

Change tax Post-tax 41) (0.0044)

Pre-tax (0.0041)

New Jersey Natural Gas Company Net impact of Proposed Rate Changes BPU Docket No. GR1706_____ F/Y 2018

(\$/therm)

10/1/2017

	Component of	Cur	rent	10/1/2 Prope	
	Component of	Pre-tax	Post-tax	Propo Pre-tax	Post-tax
EE	Delivery Price	0.0306	0.0327	0.0265	0.0283
Impact on Bosi	dential Non-Heating Cust	omors			
impact on Resi	dential Non-Heating Cust	omers		25 therm bill	
Current Rates	Customer Charge		\$8.84	\$8.84	
	Delivery		\$0.5651	\$14.13	
	BGSS		\$0.3654	\$9.14	
		Total	\$0.9305	\$32.10	
Proposed Rates	s- effective 10/1/17		\$8.84	\$8.84	
	Customer Charge		·		
	Delivery BGSS		\$0.5607 \$0.3654	\$14.02 \$9.14	
	D000	Total	\$0.9261	\$31.99	
				· · · · · · · · · · · · · · · · · · ·	
	Increase/(Decrease)			(\$0.11)	
	Increase/(Decrease)	as a percent		(0.3%)	
Impact on Resid	dential Heating Custome	rs			
		_			1,000 therm
Command Descri				100 therm bill	annual bill
Current Rates	Customer Charge		\$8.84	\$8.84	\$106.08
	Delivery		\$8.84 \$0.5987	\$8.84 \$59.87	\$106.08
	BGSS		\$0.3654	\$36.54	\$365.40
		Total	\$0.9641	\$105.25	\$1,070.18
Proposed Rates	s- effective 10/1/17		* 0.0.	**	6400 00
	Customer Charge		\$8.84	\$8.84	\$106.08
	Delivery BGSS		\$0.5943 \$0.3654	\$59.43 \$36.54	\$594.30 \$365.40
	DUSS	Total	\$0.3654 \$0.9597	\$36.54 \$104.81	\$365.40 \$1,065.78
		1 3161	ψ0.5551	ψ10-7.01	ψ1,000.70
	Increase/(Decrease)			(\$0.44)	(\$4.40)
	Increase/(Decrease)	as a percent		(0.4%)	(0.4%)
Impact on Com	marcial GSS Customore				
impact on Com	mercial GSS Customers			100 therm bill	
Current Rates					
	Customer Charge		\$26.78	\$26.78	
	Delivery		\$0.6144	\$61.44	
	BGSS	Tatal	\$0.3654	\$36.54	
		Total	\$0.9798	\$124.76	
Proposed Rates	s- effective 10/1/17				
.,	Customer Charge		\$26.78	\$26.78	
	Delivery		\$0.6100	\$61.00	
	BGSS		\$0.3654	\$36.54	
		Total	\$0.9754	\$124.32	
	Increase//Degreese)			(¢0 44)	
	Increase/(Decrease) Increase/(Decrease)	as a percent		(\$0.44) (0.4%)	
Impact on Com	mercial GSL Customers			1200 therm bill	
Current Rates					
	Customer Charge		\$54.93	\$54.93	
	Demand Charge		\$1.85	\$177.60	
	Delivery		\$0.5137	\$616.44	
	BGSS (May 2017)	Total	\$0.4536	\$544.32	
		Total	\$0.9673	\$1,393.29	
Proposed Rates	s- effective 10/1/17				
	Customer Charge		\$54.93	\$54.93	
	Demand Charge		\$1.85	\$177.60	
	Delivery		\$0.5093	\$611.16	
	BGSS (May 2017)		\$0.4536	\$544.32	
	•	Total	\$0.9629	\$1,388.01	
				(0= 0=)	
	Increase/(Decrease)			(\$5.28) (0.4%)	
	Increase/(Decrease)				

The proposed Tariff Sheets for the SAVEGREEN Programs are attached.

<u>SecondFirst</u> Revised Sheet No. 51 Superseding First RevisedOriginal Sheet No. 51

BPU No. 9 - Gas

SERVICE CLASSIFICATION - RS

RESIDENTIAL SERVICE

AVAILABILITY

This service is available to any residential Customer in the territory served by the Company using gas for any domestic purpose. This rate is applicable to individually-metered apartments and to rooming and boarding houses where the number of rental bedrooms is not more than twice the number of bedrooms used by the Customer.

Gas delivered under this schedule may not be used for other than domestic purposes except when such use is incidental to domestic use.

CHARACTER OF SERVICE

Firm gas service where Customer may either purchase gas supply from the Company's Rider "A" for Basic Gas Supply Service ("BGSS") or from a Marketer or Broker.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month

\$8.84

Delivery Charge:

Residential Heating

Delivery Charge per therm

\$0.59870.5943

Residential Non-Heating

Delivery Charge per therm

\$0.56510.5607

BGSS Charge:

BGSS Charge per therm for Sales Customers

See "Rate Summaries" at the end of this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

Date of Issue: Issued by:

December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017

Wall, NJ 07719

BPU No. 9 - Gas

SecondFirst Revised Sheet No. 53 Superseding First Revised Original Sheet No. 53

<u>SERVICE CLASSIFICATION – DGR</u>

DISTRIBUTED GENERATION SERVICE - RESIDENTIAL

<u>AVAILABILITY</u>

This service is available to any residential customer using distributed generation technologies including, but not limited to, microturbines and fuel cells to generate electricity for domestic purposes.

CHARACTER OF SERVICE

Firm gas service where Customer may either purchase gas supply from the Company's Rider "A" for Basic Gas Supply Service ("BGSS") or from a Marketer or Broker.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month

\$8.84

Delivery Charge:

November - April

\$0.33050.3261

May - October

\$0.27360.2692

BGSS Charge:

BGSS Charge per therm for Sales Customers

See "Rate Summaries" at the end of this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge. Where service is taken for less than one month, the minimum charge will be prorated.

BALANCING CHARGE ADJUSTMENTS

The Balancing Charge is included in the Delivery Charge and is subject to adjustment in the Company's annual BGSS proceeding. All revenues derived from this Charge will be credited to the BGSS. See Rider "A" for the current Balancing Charge.

Date of Issue: December 6, 2016 Effective for service rendered on

Issued by: 2017

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

and after October January 1,

BPU No. 9 - Gas

<u>SecondFirst</u> Revised Sheet No. 53 Superseding First RevisedOriginal Sheet No. 53

<u>SERVICE CLASSIFICATION – DGR</u>

DISTRIBUTED GENERATION SERVICE - RESIDENTIAL

Date of Issue: Issued by:

December 6, 2016 Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017

Wall, NJ 07719

Second First Revised Sheet No. 55

BPU No. 9 - Gas

Superseding First Revised Original Sheet No. 55

<u>SERVICE CLASSIFICATION – GSS</u>

GENERAL SERVICE - SMALL

AVAILABILITY

This service is available to any Customer in the entire territory served by the Company who uses less than 5,000 therms annually and uses gas for all purposes other than residential service and interruptible service. Where the Customer uses the Cooling, Air Conditioning and Pool Heating service ("CAC") under Special Provision I.2, the Company may, upon application by the Customer, meter the space heating and CAC use separately. Street Lighting Service also will be supplied under this schedule (Special Provision II.1).

CHARACTER OF SERVICE

Firm gas service where Customer may either purchase gas supply from the Company's Rider "A" for Basic Gas Supply Service ("BGSS") or from a Marketer or Broker.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month

\$26.78

Delivery Charge:

Delivery Charge per therm

\$0.6144<u>0.6100</u>

BGSS Charge:

BGSS Charge per therm for Sales Customers

See "Rate Summaries" at the end of this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge.

Where service is taken for less than one month, the minimum charge will be prorated.

BALANCING CHARGE ADJUSTMENTS

The Balancing Charge is included in the Delivery Charge and is subject to adjustment in the Company's annual BGSS proceeding. All revenues derived from this Charge will be credited to the BGSS. See Rider "A" for the current Balancing Charge.

Date of Issue: December 6, 2016

Issued by: Mark G. Kahrer

2017

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October January 1,

BPU No. 9 - Gas

ThirdSecond Revised Sheet No. 56 Superseding SecondFirst Revised Sheet No. 56

<u>SERVICE CLASSIFICATION - GSS</u>

GENERAL SERVICE - SMALL (continued)

SPECIAL PROVISIONS

I. Applicable to All Customers Under This Service Classification

1. Annual Review

The Company shall review, at least once a year, each GSS Customer's annual usage based on the most recent twelve (12) months of billing information to determine if the General Service – Large ("GSL") Service Classification is applicable to the Customer. If the Customer's normalized annual usage is greater than or equal to 5,500 therms, the customer will be switched to GSL.

2. Air Conditioning and Pool Heating

Upon separate application, GSS Customers who have installed and are using gas air conditioning and pool heating equipment will be billed on the above Monthly Rates except that the delivery charge will be 0.21890.2145 per therm for all monthly consumption of gas for services rendered between May 1 and September 30 of each year. The charge will include, \$0.0744 per therm margin, and appropriate riders, taxes, assessments and surcharges.

Commercial Air Conditioning and Pool Heating ("CAC") customers will be separately metered, except, at the Company's sole discretion, existing Customers may use the same meter for their cooling, air conditioning or pool heating load and their space heating load as long as there is minimal base load during the period air conditioning rates are in effect.

Where a CAC Customer uses gas under this service classification in a direct-fired chiller/heater and the heating load is metered through the same meter as the cooling, air conditioning or pool heating load, and further, where the gas used for heating is billed separately, the GSS Customer Charge shall be waived, provided the Customer pays the Customer Charge under its heating service in all twelve (12) months of the year.

April 21, 2017 Date of Issue:

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

Second First Revised Sheet No. 57

BPU No. 9 - Gas

Superseding First Revised Original Sheet No. 57

<u>SERVICE CLASSIFICATION - GSS</u>

GENERAL SERVICE - SMALL (continued)

- II. Applicable to All Customers Purchasing Gas Supply Under Rider "A" BGSS
 - 1. Street Lighting Service

Street Lighting Service is not subject to Rider "I" of this Tariff. The delivery charge per therm for Street Lighting Service is \$0.51450.5101 per therm.

- III. Applicable to All Customers Purchasing Gas Supply from a Marketer or Broker
 - 1. Metering

An Automated Meter Reading (AMR) device will not be required for this service.

2. Additional Requirements

Service is subject to the terms and conditions of the Marketer and Broker Requirements section of this Tariff (Service Classification – MBR) and Section 10 of the Company's Standard Terms and Conditions.

TERMS AND CONDITIONS

Service is subject to the Company's Standard Terms and Conditions of this Tariff.

Date of Issue: December 6, 2016

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017

Wall, NJ 07719

SecondFirst Revised Sheet No. 58

BPU No. 9 - Gas

Superseding First Revised Original Sheet No. 58

\$54.93

SERVICE CLASSIFICATION - GSL

GENERAL SERVICE - LARGE

AVAILABILITY

This service is available to any Customer in the entire territory served by the Company who uses greater than or equal to 5,000 therms annually and uses gas for all purposes other than residential service and interruptible service. Where the Customer uses the Cooling, Air Conditioning and Pool Heating service ("CAC") under Special Provision I.4, the Company may, upon application by the Customer, meter the space heating and CAC use separately.

CHARACTER OF SERVICE

Firm gas service where Customer may either purchase gas supply from the Company's Rider "A" for Basic Gas Supply Service ("BGSS") or from a Marketer or Broker.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month

Demand Charge:

Demand Charge per therm applied to HMAD \$1.85

Delivery Charge:

Delivery Charge per therm \$0.51370.5093

BGSS Charge:

BGSS Charge per therm for Sales Customers See "Rate Summaries" at the end of this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge and the Demand Charge.

Where service is taken for less than one month, the minimum charge will be prorated.

Date of Issue: December 6, 2016 Effective for service rendered on

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

October January 1, 2017

Wall, NJ 07719

Filed pursuant to Order of the Board of Public Utilities entered in Docket No. <u>GR1706</u> <u>ER16111054</u>

and after

BPU No. 9 - Gas

<u>Third</u>Second Revised Sheet No. 60 Superseding SecondFirst Revised Sheet No. 60

SERVICE CLASSIFICATION - GSL

GENERAL SERVICE - LARGE (continued)

4. Air Conditioning and Pool Heating

Upon separate application, GSL Customers who have installed and are using gas air conditioning and pool heating equipment will be billed on the above Monthly Rates except that the delivery charge will be <u>0.21890.2145</u> per therm for all monthly consumption of gas for services rendered between May 1 and September 30 of each year. The charge will include \$0.0744 per therm margin, and appropriate riders, taxes, assessments and surcharges.

Commercial Air Conditioning and Pool Heating ("CAC") Customers will be separately metered, except, at the Company's sole discretion, existing Customers may use the same meter for their cooling, air conditioning or pool heating load and their space heating load as long as there is minimal base load during the period air conditioning rates are in effect.

Where a CAC Customer uses gas under this service classification in a direct-fired chiller/heater and the heating load is metered through the same meter as the cooling, air conditioning or pool heating load, and further, where the gas used for heating is billed separately, the GSL Customer Charge shall be waived, provided the Customer pays the Customer Charge under its heating service in all twelve (12) months of the year.

II. Applicable to All Customers Purchasing Gas Supply from a Marketer or Broker

1. Incremental Expenses

The Customer shall reimburse the Company for any out-of-pocket expenses (including, but not limited to, legal and travel expenses) incurred in connection with the initiation and rendering of service under this service classification. The Company shall provide an estimate of such expenses prior to their incurrence.

2. Additional Requirements

Service is subject to the terms and conditions of the Marketer and Broker Requirements section of this Tariff (Service Classification – MBR) and Section 10 of the Company's Standard Terms and Conditions.

TERMS AND CONDITIONS

Service is subject to the Company's Standard Terms and Conditions of this Tariff.

Date of Issue: April 21, 2017

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

<u>SecondFirst</u> Revised Sheet No. 61 Superseding First RevisedOriginal Sheet No. 61

BPU No. 9 - Gas

SERVICE CLASSIFICATION - FT

FIRM TRANSPORTATION SERVICE

AVAILABILITY

This service is available to any customer who would otherwise qualify for service under Service Classifications GSS, GSL, FC, IS, or NGV. The Customer must provide to the Company's satisfaction, a firm gas supply having marketable title of gas with firm transportation capacity to the Company's distribution system.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month \$249.70

Demand Charge:

Demand Charge per therm applied to MDQ \$2.00

Delivery Charge:

Delivery Charge per therm \$0.15650.1521

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge and the Demand Charge.

Where service is taken for less than one month, the minimum charge will be prorated.

Date of Issue: December 6, 2016

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017

Wall, NJ 07719

BPU No. 9 - Gas

<u>Second</u>First Revised Sheet No. 64 Superseding First Revised Original Sheet No. 64

SERVICE CLASSIFICATION - DGC

<u>DISTRIBUTED GENERATION SERVICE - COMMERCIAL</u>

AVAILABILITY

This service is available to any commercial customer using distributed generation technologies including, but not limited to, microturbines and fuel cells.

CONDITIONS PRECEDENT

If the Customer is served by a Marketer or Broker, the Marketer or Broker assumes the responsibility for all delivery requirements. The Customer also must have clear and marketable title of gas with firm transportation capacity to the Company's distribution systems. If the Company so requests, the Customer must provide such proof. The Customer is responsible for payment of any costs if additional facilities, exclusive of metering facilities, are necessary to provide service. The Company reserves the right to limit new customers served under this service, if it determines that service expansion is detrimental to existing firm customers. The Customer must demonstrate that qualifying electric generation equipment has been installed at its location.

MONTHLY RATES

	DGC-Balancing	DGC-FT
Customer Charge: Customer Charge per meter per month	\$54.93	\$54.93
<u>Demand Charge:</u> Demand Charge per therm applied to PBQ	\$1.50	\$1.50
Delivery Charge per therm: November - April	\$ 0.2033 <u>0.1989</u>	\$ 0.1412 <u>0.1368</u>
May - October	\$ 0.1705 <u>0.1661</u>	\$ 0.108 4 <u>0.1040</u>
BGSS Charge per therm for Sales Customers	See "Rate Summaries" at the end of this Tariff	N/A

The Delivery Charges for DGC-Balancing above include the Balancing Charge as reflected in Rider "A" of this Tariff for customers whose Marketer or Broker delivers gas on their behalf pursuant to paragraph (3) under Deliveries to Company's Designated Delivery Meter section of Service Classification MBR. For DGC-FT customers whose Marketer or Broker delivers gas on their behalf pursuant to paragraph (1) under Deliveries to Company's Designated Delivery Meter section of Service Classification MBR, the DGC-FT Delivery Charges above exclude the Balancing Charge reflected in Rider "A" of this Tariff.

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

Date of Issue: December 6, 2016

Issued by: <u>Mark G. Kahrer Mark R. Sperduto</u>, Senior Vice President

2017

Wall, NJ 07719

Effective for service rendered on and after October-January 1,

Filed pursuant to
Order of the Board of Public Utilities entered in
Docket No. <u>GR1706</u> <u>ER16111054</u>

Second First Revised Sheet No. 69

BPU No. 9 - Gas

Superseding First Revised Original Sheet No. 69

<u>SERVICE CLASSIFICATION - EGS</u>

ELECTRIC GENERATION SERVICE

AVAILABILITY

This service is available to any existing or new customer who uses greater than or equal to 10,000 therms daily for the sole purpose of generating electricity.

MONTHLY RATES

Customer Charge:

Without SUTWith SUTCustomer Charge per month\$934.58\$998.83

Demand Charge:

Without SUTWith SUTDemand Charge per therm\$1.6121\$1.7229

applied to MDQ

<u> Delivery Charge:</u>

 Without SUT
 With SUT

 Delivery Charge per therm
 \$0.07670.0726
 \$0.08190.0775

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, applicable taxes, assessments or similar charges lawfully imposed by the Company. Natural gas used to generate electricity that is sold for resale by customers served under this Service Classification is exempt from Riders B, C, E and H and shall not be billed for such charges. In order to qualify for this exemption, a customer who uses natural gas to generate electricity for resale must complete an Annual Certification form, provided by the Company, to certify the percentage of natural gas used at the customer's New Jersey generation facilities during the previous calendar year to generate electricity that was sold for resale. For a new customer or a customer with less than twelve months of usage history, estimates supported by engineering and operational plans may be used to determine the percentage of natural gas used to generate electricity sold for resale.

See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge and the Demand Charge.

Date of Issue: December 6, 2016

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017

Wall, NJ 07719

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BPU No. 9 - Gas

<u>Second</u>First Revised Sheet No. 76 Superseding First RevisedOriginal Sheet No. 76

SERVICE CLASSIFICATION - NGV

NATURAL GAS VEHICLE SERVICE

AVAILABILITY

This service is available to any residential or commercial customer for the purpose of fueling natural gas vehicles at Company owned and operated compressed natural gas ("CNG") re-fueling facilities ("Company facilities") and at separately metered Customer owned and operated CNG re-fueling facilities ("Customer owned facilities").

CONDITIONS PRECEDENT

The Customer must sign a service agreement which sets forth the vehicles to be served to be eligible for this service.

DEFINITION OF TERM USED HEREIN

"GGE" is the Gasoline Gallon Equivalent for converting a price per therm of natural gas to a price per gallon of gasoline. The GGE shall be determined in accordance with local standards.

CHARACTER OF SERVICE

Firm sales gas service where Customer who uses Company facilities purchases gas supply pursuant to the Company's Rider "A" for Basic Gas Supply Service ("BGSS"). Firm sales or transportation gas service where Customer who uses Customer owned facilities purchases gas supply pursuant to the Company's Rider "A" for BGSS or from a Marketer or Broker, respectively.

LICENSING, PERMITS AND LEGAL REQUIREMENTS

Customers installing CNG re-fueling facilities on their premises must meet all applicable licensing, permitting and other legal requirements associated with owning and operating CNG refueling facilities. The failure of the customer to comply with this provision may result in the Company suspending or terminating gas service to such facilities without further liability.

MONTHLY RATES

MONTHEL WILLS	Gas Available at Company Facilities	Customer Owned Facilities
Customer Charge:		
Residential Customer Charge per meter per month	N/A	\$8.84
Commercial Customer Charge per meter per mont	h N/A	\$54.93
Delivery Charge:		
Delivery Charge per therm	\$ 0.2586 <u>0.2542</u>	\$ 0.2586 0.2542
	(\$ 0.3233 0.3178 per	(\$0.32330.3178) per
	GGE)	GGE)

Date of Issue: December 6, 2016
Issued by: Mark G. Kahrer M

: <u>Mark G. Kahrer Mark R. Sperduto</u>, Senior Vice President

2017

Wall, NJ 07719

Second First Revised Sheet No. 81

BPU No. 9 - Gas

Superseding First Revised Original Sheet No. 81

<u>SERVICE CLASSIFICATION - IS</u>

<u>INTERRUPTIBLE SERVICE</u>

AVAILABILITY

This service is applicable to Commercial and Industrial Customers whose minimum connected load is not less than 150 therms per hour and who sign a service agreement, providing gas is used only at locations where the Company has 1) adequate distribution facilities and 2) an adequate supply of natural gas. Customers will be required to specify that they have alternate fuel facilities installed in operating condition with an adequate fuel supply, as discussed in Special Provision 1.

CHARACTER OF SERVICE

Interruptible gas sales and transportation service.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month \$574.32

Delivery Charge:

Customers with Alternate Fuel

Delivery Charge per therm \$\text{0.1294}0.1250

Customers without Alternate Fuel

Delivery Charge per therm \$0.37080.3664

BGSS Charge:

BGSS Charge per therm for Sales Customers See "Rate Summaries" at the end of this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge applicable shall be the Customer Charge. Where service is taken for less than one month, the minimum charge will be prorated.

Date of Issue: December 6, 2016

Issued by: <u>Mark G. Kahrer Mark R. Sperduto</u>, Senior Vice President

2017

Wall, NJ 07719

BPU No. 9 - Gas

SecondFirst Revised Sheet No. 100 Superseding First Revised Original Sheet No. 100

SERVICE CLASSIFICATIONS - CNG

COMPRESSED NATURAL GAS

AVAILABILITY

This service is available to any customer who would otherwise qualify for service under Service Classifications RS, GSS, GSL, FT, IS, or NGV and who will utilize natural gas for the purpose of fueling natural gas vehicles at Company owned compressed natural gas re-fueling facilities operated by the Customer on its property ("Host Customer").

Availability of this Service Classification is subject to the terms and conditions approved in BPU Docket No. GR11060361. This Service Classification is closed.

CONDITIONS PRECEDENT

The Host Customer must sign an Agreement with the Company. The Host Customer must provide assurance that it will use initially at least twenty (20) percent of the re-fueling facility's capacity. The Host Customer must agree to provide the general public with reasonable access to a re-fueling facility for purposes of fueling the general public's natural gas vehicles.

DEFINITION OF TERM USED HEREIN

"GGE" is the Gasoline Gallon Equivalent for converting a price per therm of natural gas to a price per gallon of gasoline. The GGE shall be determined in accordance with local standards.

CHARACTER OF SERVICE

Firm gas service where Host Customer may purchase gas supply pursuant to the Company's Rider "A" for Basic Gas Supply Service ("BGSS"), from the Company through a contract, or from a Marketer or Broker.

MONTHLY RATES

Customer Charge:

Customer Charge per meter per month \$54.93

Delivery Charge:

Delivery Charge per therm \$0.47240.4680

(\$0.59050.5850 per GGE)

BGSS Charge:

Monthly BGSS Charge per therm for Sales Customers See "Rate Summaries" at the end of

without a gas supply contract this Tariff

These rates are inclusive of all applicable taxes and riders and are subject to adjustment for all other applicable riders, taxes, assessments or similar charges lawfully imposed by the Company. See Rate Summaries at the end of this Tariff for a summary of components incorporated in these rates.

MINIMUM MONTHLY CHARGE

The minimum monthly charge shall be the Customer Charge.

Date of Issue: December 6, 2016 Issued by:

2017 Wall, NJ 07719

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

BPU No. 9 - Gas

<u>Second</u> First Revised Sheet No. 173 Superseding First Revised Original Sheet No. 173

<u>RIDER ''F''</u>

ENERGY EFFICIENCY - EE

I. Determination of the Rate

The EE rate shall be derived in the following manner:

- 1. An estimate shall be made of the total annual cost related to the programs. This rider will include only expenses for energy-efficiency programs approved by the Board in BPU Docket Nos. GO09010057, GO10030225, GR11070425, GO12070640 and GO14121412 unless modified further by Board Order.
- 2. An estimate shall be made of the total annual volume of prospective jurisdictional sales of gas (in therms) to NJNG's sales and transportation customers.
- 3. The prospective costs (per paragraph (1)) shall be adjusted upward or downward to the extent of the amount of any prior under-recovery or over-recovery to determine the total costs to be recovered and then shall be divided by the estimated total volume of prospective sales (per paragraph (2)), to determine the per unit cost recovery rate. The result shall be carried for four (4) decimal places.

II. Tracking the Operation of the EE

The Company shall calculate carrying costs on the average monthly balances of under-or over-recovery of deferred costs based upon the Company's monthly commercial paper rate. The carrying cost calculation shall be based on the net of tax beginning and end average monthly balance. The carrying costs shall accrue on a monthly basis and shall be rolled into the balance at the end of each EE recovery year.

In accordance with P.L., 1997 c. 162, the charges applicable under this Rider include provision for the New Jersey Sales and Use Tax ("SUT"), and when billed to customers exempt from this tax, as set forth in Rider "B", shall be reduced by the amount of such tax included therein.

The EE factor shall be credited/collected on a per therm basis within the Delivery Charge for all service classifications to which Rider "F" applies. The EE factor is as set forth below:

\$0.03270.0283

Date of Issue: November 3, 2016

Wall, NJ 07719

Issued by: 10, 20176

aby: <u>Mark G. 1</u>

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after <u>October</u> November

Superseding SecondFirst Revised Sheet No. 252

SUMMARY OF RESIDENTIAL RATE COMPONENTS

Residential Heating Customers

Customer Charge Customer Charge per meter per month		Bundled Sales 8.84	Transport 8.84	Reference
Delivery Charge ("DEL") per therm				
Transport Rate:				
Pre-tax Base Rate		0.3778	0.3778	
SUT		<u>0.0260</u>	<u>0.0260</u>	Rider B
After-tax Base Rate		0.4038	0.4038	
CIP		0.0562	0.0562	Rider I
EE		0.0327 0.0	0.0327 0.0283	Rider F
		283		
Total Transport Rate	a	0.4927 0.4	0.4927 0.4883	
Total Transport Tane		883	01.19 <u>2</u> 7	
Balancing Charge	b	0.0621	0.0621	Rider A
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		0.0127	0.0127	Rider H
		0.0420	0.0420	
Total SBC	c	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b+c=d	<u>0.5987</u> 0.5 <u>943</u>	<u>0.5987</u> 0.5943	
Basic Gas Supply Charge ("BGS")				
BGS	e	<u>0.3654</u>	X	Rider A

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

Date of Issue: Issued by:

December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October January 1,

2017

<u>Third</u>Second Revised Sheet No. 253 Superseding SecondFirst Revised Sheet No. 253

SUMMARY OF RESIDENTIAL RATE COMPONENTS

Residential Non-Heating Customers

Customer Charge Customer Charge per meter per month		Bundled Sales 8.84	Transport 8.84	Reference
Delivery Charge ("DEL") per therm				
Transport Rate:				
Pre-tax Base Rate		0.3778	0.3778	
SUT		<u>0.0260</u>	<u>0.0260</u>	Rider B
After-tax Base Rate		0.4038	0.4038	
CIP		0.0226	0.0226	Rider I
EE		<u>0.03270.0</u> <u>283</u>	0.03270.0283	Rider F
Total Transport Rate	a	0.4591 <u>0.4</u> 547	0.4591 <u>0.4547</u>	
Balancing Charge	b	0.0621	0.0621	Rider A
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		<u>0.0127</u>	<u>0.0127</u>	Rider H
Total SBC	c	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b+c=d	<u>0.5651</u> 0.5 <u>607</u>	<u>0.5651</u> 0.5607	
Basic Gas Supply Charge ("BGS")				
BGS	e	<u>0.3654</u>	X	Rider A

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

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December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October January 1,

SUMMARY OF RESIDENTIAL RATE COMPONENTS

Residential Distributed Generation Service

		Nov - Apr	May - Oct	Reference
Customer Charge Customer Charge per meter per month		8.84	8.84	
Delivery Charge ("DEL") per therm				
Transport Rate: Pre-tax Base Rate SUT		0.1795 <u>0.0123</u>	0.1262 0.0087	Rider B
After-tax Base Rate EE		0.1918 <u>0.0327</u> 0.0283	0.1349 <u>0.0327</u> 0.0283	Rider F
Total Transport Rate	a	0.2245 <u>0.2201</u>	0.1676 <u>0.1632</u>	
Balancing Charge	b	0.0621	0.0621	Rider A
Societal Benefits Charge ("SBC"): NJ's Clean Energy RA USF		0.0167 0.0145 <u>0.0127</u>	0.0167 0.0145 <u>0.0127</u>	Rider E Rider C Rider H
Total SBC	c	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b+c=d	<u>0.3305</u> 0.3261	<u>0.2736</u> 0.2692	
Basic Gas Supply Charge ("BGS") BGS	e	0.3654	<u>0.3654</u>	Rider A

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

Date of Issue: Issued by:

2017

December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October January 1,

General Service - Small (GSS)

Customer Charge		Bundled Sales	Transport	Reference
Customer Charge per meter per month		26.78	26.78	
<u>Delivery Charge ("DEL") per therm</u> Transport Rate:				
Pre-tax Base Rate		0.3516	0.3516	
SUT		0.0242	0.0242	Rider B
After-tax Base Rate		0.3758	0.3758	D:4I
CIP		0.0999	0.0999	Rider I
EE		<u>0.0327</u> 0.0 <u>283</u>	0.0327 0.0283	Rider F
Total Transport Rate	a	0.5084 <u>0.5</u> <u>040</u>	0.508 4 <u>0.5040</u>	
Balancing Charge	b	0.0621	0.0621	Rider A
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		<u>0.0127</u>	0.0127	Rider H
Total SBC	c	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b+c=d	<u>0.6144</u> 0.6 <u>100</u>	<u>0.6144</u> 0.6100	
Basic Gas Supply Charge ("BGS")		0.2654		D:1. 4
BGS	e	<u>0.3654</u>	X	Rider A

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

Date of Issue: Issued by: 2017 December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October-January 1,

<u>Eleventh Tenth</u> Revised Sheet No. 256 Superseding <u>Tenth Ninth</u> Revised Sheet No. 256

SUMMARY OF FIRM COMMERCIAL RATE COMPONENTS

General Service - Large (GSL)

		Bundled Sales	<u>Transport</u>	Reference
Customer Charge			_	
Customer Charge per meter per montl	h	54.93	54.93	
Demand Charge Demand Charge per month applied to	to HMAD	1.85	1.85	
Delivery Charge ("DEL") per therm				
Transport Rate:				
Pre-tax Base Rate		0.2729	0.2729	
SUT		0.0188	0.0188	Rider B
After-tax Base Rate		0.2917	0.2917	
CIP		0.0833	0.0833	Rider I
EE		0.0327 0.0	0.0327 0.0283	Rider F
		283	<u> </u>	111001 1
Total Transport Rate	a	0.4077 <u>0.4</u> 033	0.40770.4033	
Balancing Charge	b	0.0621	0.0621	Rider A
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		0.0127	0.0127	Rider H
Total SBC	c	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b+c=d	<u>0.5137</u> 0.5 <u>093</u>	<u>0.5137</u> 0.5093	
Basic Gas Supply Charge ("BGS") BGS	e	<u>0.4536</u>	X	Rider A

With the exception of the Customer Charge and Demand charges, these rates are on a per-therm basis.

Customer, Demand, DEL, and BGS charges are presented on customer bills.

Date of Issue: April 28, 2017

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

FIRM TRANSPORTATION (FT)

		<u>Transport</u>	Reference
Customer Charge Customer Charge per meter per month		249.70	
<u>Demand Charge</u> Demand Charge per therm per month a	applied to MDQ	2.00	
<u>Delivery Charge ("DEL") per therm</u> Transport Rate:			
Pre-tax Base Rate		0.0748	
SUT		<u>0.0051</u>	Rider B
After-tax Base Rate EE		0.0799 <u>0.0327</u> 0.028 <u>3</u>	Rider F
Total Transport Rate	a	0.1126 <u>0.108</u> 2	
Societal Benefits Charge ("SBC"):			
NJ's Clean Energy		0.0167	Rider E
RA		0.0145	Rider C
USF		0.0127	Rider H
Total SBC	b	<u>0.0439</u>	
Delivery Charge (DEL)	a+b=c	<u>0.1565</u> 0.152 <u>1</u>	

With the exception of the Customer Charge and Demand charges, these rates are on a per-therm basis.

Customer, Demand, and DEL, charges are presented on customer bills.

Date of Issue: Issued by:

December 6, 2016

Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Effective for service rendered on and after October January 1,

2017

<u>Commercial Distributed Generation Service – DGC-Balancing</u>

		Nov - Apr	May - Oct	Reference
Customer Charge Customer Charge per meter per month		54.93	54.93	
Demand Charge				
Demand Charge per therm per month applied to PBQ		1.50	1.50	
Delivery Charge ("DEL") per therm				
Transport Rate:		0.0604	0.0200	
Pre-tax Base Rate SUT		0.0604	0.0298	Rider B
301		0.0042	0.0020	Rider B
After-tax Base Rate		0.0646	0.0318	
EE		0.0327 0.0283	0.0327 0.0283	Rider F
Total Transport Rate	a	0.0973 <u>0.0929</u>	0.0645 <u>0.0601</u>	
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		0.0127	0.0127	Rider H
Total SBC	b	<u>0.0439</u>	<u>0.0439</u>	
Balancing Charge	c	<u>0.0621</u>	<u>0.0621</u>	
DGC-Balancing Delivery Charge (DEL)	a+b+c=d	<u>0.2033</u> 0.1989	<u>0.1705</u> 0.1661	
Basic Gas Supply Charge ("BGS")				
BGS	e	<u>0.4536</u>	<u>0.4536</u>	Rider A

The Delivery Charges for DGC-Balancing above include the Balancing Charge as reflected in Rider "A" of this Tariff for customers whose Marketer or Broker delivers gas on their behalf pursuant to paragraph (3) under Deliveries to Company's Designated Delivery Meter section of Service Classification MBR.

With the exception of the Customer Charge and Demand Charge, these rates are on a per-therm basis.

Customer Charge, Demand Charge, DEL, and BGS charges are presented on customer bills.

Date of Issue: April 28, 2017

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

Commercial Distributed Generation Service – DGC-FT

		Nov - Apr	May - Oct	Reference
Customer Charge per meter per month		54.93	54.93	
Demand Charge Demand Charge per therm per month applied to PBQ		1.50	1.50	
Delivery Charge ("DEL") per therm				
Transport Rate: Pre-tax Base Rate		0.0604	0.0298	
SUT		0.0042	0.0020	Rider B
After-tax Base Rate EE		0.0646 <u>0.0327</u> 0.0283	0.0318 <u>0.0327</u> 0.0283	Rider F
Total Transport Rate	a	0.09730.0929	0.0645 <u>0.0601</u>	
Societal Benefits Charge ("SBC"): NJ's Clean Energy RA USF		0.0167 0.0145 <u>0.0127</u>	0.0167 0.0145 <u>0.0127</u>	Rider E Rider C Rider H
Total SBC	b	<u>0.0439</u>	<u>0.0439</u>	
DGC-FT Delivery Charge (DEL)	a+b=c	<u>0.1412</u> 0.1368	<u>0.1084</u> 0.1040	

For DGC-FT customers whose Marketer or Broker delivers gas on their behalf pursuant to paragraph (1) under Deliveries to Company's Designated Delivery Meter section of Service Classification MBR, the DGC-FT Delivery Charges above exclude the Balancing Charge reflected in Rider "A" of this Tariff.

With the exception of the Customer Charge and Demand Charge, these rates are on a per-therm basis.

Customer Charge, Demand Charge, and DEL rate are presented on customer bills

Date of Issue: December 6, 2016

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017 Wall, NJ 07719

Electric Generation Service (EGS)

Customer Charge		Without <u>SUT</u>	With <u>SUT</u>	Reference
Customer Charge per meter per month		934.58	998.83	
Demand Charge				
Demand Charge per therm per month ap	plied to MDQ	1.6121	1.7229	
Delivery Charge ("DEL") per therm				
Transport Rate:				
Pre-tax Base Rate		0.0050	0.0050	
SUT		0.0000	0.0003	Rider B
Delivery Charge excluding Riders C, E, F and H	a	0.0050	0.0053	
EE	b	0.0306 <u>0.02</u> <u>65</u>	0.0327 <u>0.0</u> 283	Rider F
Societal Penefits Change ("SPC").				
Societal Benefits Charge ("SBC"):		0.0156	0.017	D:1E
NJ's Clean Energy		0.0156	0.0167	Rider E
RA		0.0136	0.0145	Rider C
USF		0.0119	0.0127	Rider H
Total SBC	c	<u>0.0411</u>	<u>0.0439</u>	
Delivery Charge (DEL) including Riders C, E, F and H	a+b+c=d	<u>0.0767</u> 0.07 <u>26</u>	<u>0.0819</u> 0.0 <u>775</u>	

With the exception of the Customer Charge and Demand charges, these rates are on a per-therm basis.

Customer, Demand, and DEL charges are presented on customer bills.

Natural gas used to generate electricity that is sold for resale by customers served under this Service Classification is exempt from Riders B, C, E, F, and H and shall not be billed for such charges subject to the Customer's submission of an Annual Certification form.

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Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

2017 Wall, NJ 07719

Eleventh Tenth Revised Sheet No. 261 Superseding Tenth Ninth Revised Sheet No. 261

<u>SUMMARY OF INTERRUPTIBLE RATE COMPONENTS</u>

INTERRUPTIBLE SALES AND TRANSPORTATION

With Alternate Fuel

Customer Charge		Bundled Sales	<u>Transport</u>	Reference
Customer Charge per meter per month	1	574.32	574.32	
<u>Delivery Charge ("DEL") per therm</u> Transport Rate:				
Pre-tax Base Rate		0.0494	0.0494	
SUT		0.0034	0.0034	Rider B
After-tax Base Rate		0.0528	0.0528	
EE		<u>0.0327</u> 0.0	<u>0.0327</u> 0.0283	Rider F
		<u>283</u>		
Total Transport Rate	a	0.0855 <u>0.0</u> <u>811</u>	0.0855 <u>0.0811</u>	
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		0.0127	0.0127	Rider H
		0.0127	0.0127	111001 11
Total SBC	b	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b=c	<u>0.1294</u> 0.1 <u>250</u>	<u>0.1294</u> 0.1250	
Basic Gas Supply Charge ("BGS")				
Monthly BGSS	d	0.5157	X	Rider A
BGS	d	<u>0.5157</u>	X	

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

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Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

BPU No. 9 - Gas

Eleventh Tenth Revised Sheet No. 261 Superseding Tenth Ninth Revised Sheet No. 261

SUMMARY OF INTERRUPTIBLE RATE COMPONENTS

Date of Issue: April 28, 2017

Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

<u>SUMMARY OF INTERRUPTIBLE RATE COMPONENTS</u>

INTERRUPTIBLE SALES AND TRANSPORTATION

Without Alternate Fuel

Customer Charge		Bundled Sales	<u>Transport</u>	Reference
Customer Charge per meter per month		574.32	574.32	
<u>Delivery Charge ("DEL") per therm</u> Transport Rate:				
Pre-tax Base Rate		0.2753	0.2753	
SUT		<u>0.0189</u>	<u>0.0189</u>	Rider B
After-tax Base Rate EE		0.2942 0.0327 0.0	0.2942 0.0327 0.0283	Rider F
EE		283	0.0327 0.0263	Kidel F
Total Transport Rate	a	0.3269 <u>0.3</u> 225	0.3269 <u>0.3225</u>	
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		0.0127	<u>0.0127</u>	Rider H
Total SBC	b	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b=c	<u>0.3708</u> 0.3 <u>664</u>	<u>0.3708</u> 0.3664	
Basic Gas Supply Charge ("BGS")		0.51-5		D. 1
Monthly BGSS	d	0.5157	X	Rider A
BGS	d	<u>0.5157</u>	X	

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer Charge, DEL rate and BGS rate are presented on customer bills.

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Issued by: Mark G. Kahrer Mark R. Sperduto, Senior Vice President

Wall, NJ 07719

Eleventh Tenth Revised Sheet No. 263 Superseding Tenth Ninth Revised Sheet No. 263

SUMMARY OF FIRM COMMERCIAL RATE COMPONENTS

Compressed Natural Gas (CNG)

<u>Customer Charge</u> Customer Charge per meter per month		Bundled Sales 54.93	<u>Transport</u> 54.93	Reference
Delivery Charge ("DEL") per therm				
Transport Rate:				
Pre-tax Base Rate		0.1703	0.1703	
CNG Charge		0.2000	0.2000	D'I D
SUT		<u>0.0255</u>	0.0255	Rider B
After-tax Base Rate		0.3958	0.3958	
EE		0.0327 0.0	0.0327 0.0283	Rider F
		283		
Total Transport Rate	a	0.4285 <u>0.4</u> 241	0.4285 <u>0.4241</u>	
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167	0.0167	Rider E
RA		0.0145	0.0145	Rider C
USF		<u>0.0127</u>	0.0127	Rider H
Total SBC	b	<u>0.0439</u>	<u>0.0439</u>	
Delivery Charge (DEL)	a+b=c	<u>0.4724</u> 0.4 <u>680</u>	<u>0.4724</u> 0.4680	
Basic Gas Supply Charge ("BGS")				
Monthly BGSS	d	0.5157	X	Rider A
BGS	d	<u>0.5157</u>	X	

With the exception of the Customer Charge, these rates are on a per-therm basis.

Customer, DEL, and BGSS charges are presented on customer bills.

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Wall, NJ 07719

BPU No. 9 - Gas

<u>Eleventh Tenth</u> Revised Sheet No. 264 Superseding <u>Tenth Ninth</u> Revised Sheet No. 264

SUMMARY OF RESIDENTIAL AND FIRM COMMERCIAL RATE COMPONENTS

Natural Gas Vehicles (NGV)

Gas Available at Company Facilities

<u>Gas</u>	Available a	it Company Fac	<u>mues</u>	Reference
Delivery Charge ("DEL")		\$ per therm	\$ per GGE	
Transport Rate:				
Pre-tax Base Rate		0.1703		
SUT		0.0117		Rider B
After-tax Base Rate		0.1820		
EE		0.0327 0.028		Rider F
		<u>3</u>		
Total Transport Rate	a	0.2147 0.210		
		<u>3</u>		
		_		
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167		Rider E
RA		0.0145		Rider C
USF		0.0127		Rider H
		· 		
Total SBC	b	<u>0.0439</u>		
Delivery Charge (DEL)	a+b=c	0.25860.254	0.32330.3178	
		<u>2</u>		
		_		
Compression Charge	d	0.4970	0.6213	
•				
Monthly Basic Gas Supply Charge	e	0.5157	0.6446	Rider A
("BGS")	C	<u> </u>		Titael 11
(200)				
Total Variable Charge	c+d+e=f	1.2713 1.266	1.5892 1.5837	
Total Variable Charge	C+u+C=I	9	1.5072 <u>1.5057</u>	
		2		
New Jersey Motor Vehicle Fuel Tax	Œ		0.0000	
Federal Excise Fuel Tax *	g			
	h		0.1806	
Federal Excise Fuel Tax Credit *	i		<u>0.0000</u>	
Total Price	f+g+h+i		<u>1.7698</u> 1.7643	
	=j			

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Wall, NJ 07719

BPU No. 9 - Gas

Eleventh Tenth Revised Sheet No. 264 Superseding Tenth Ninth Revised Sheet No. 264

SUMMARY OF RESIDENTIAL AND FIRM COMMERCIAL RATE COMPONENTS

Natural Gas Vehicles (NGV)

*Adjusted to reflect Internal Revenue Service GGE Conversion.

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Wall, NJ 07719

BPU No. 9 - Gas

Eleventh Tenth Revised Sheet No. 265 Superseding Tenth Ninth Revised Sheet No. 265

SUMMARY OF RESIDENTIAL AND FIRM COMMERCIAL RATE COMPONENTS

Natural Gas Vehicles (NGV)

Customer Owned Facilities

<u>Customer</u> of	viicu i aci	<u>nties</u>		Reference
Customer Charge				<u>reference</u>
Residential Customer Charge per month		\$8.84		
Commercial Customer Charge per meter per month		\$54.93		
Commercial Customer Charge per meter per month		Ψ54.75		
Delivery Charge ("DEL")		\$ per therm	\$ per GGE	
Transport Rate:		φ per therm	φ per GGL	
Pre-tax Base Rate		0.1703		
SUT				Rider B
301		<u>0.0117</u>		Rider B
After-tax Base Rate		0.1820		
EE		0.0327 0.02		Rider F
		83		
				
Total Transport Rate	a	0.2147 <u>0.21</u>		
		<u>03</u>		
Societal Benefits Charge ("SBC"):				
NJ's Clean Energy		0.0167		Rider E
RA		0.0145		Rider C
USF		0.0127		Rider H
T , I CDC	1.	0.0420		
Total SBC	b	<u>0.0439</u>		
Delivery Charge (DEL)	a+b=c	0.25860.25	0.32330.317	
Denvely Charge (DEL)	a+u-c			
		<u>42</u>	<u>8</u>	
Monthly Basic Gas Supply Charge ("BGS")	d	0.5157	0.6446	Rider A
,				
Total Variable Charge	c+d=e	0.7743 0.76	0.9679 0.962	
		99	<u>4</u>	
			_	

Customer, DEL, and BGS charges are presented on customer bills for Firm Sales Gas Service. Customer and DEL charges are presented on customer bills for Firm Transport Gas Service.

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