Law Department PSEG Services Corporation

80 Park Plaza – T5, Newark, New Jersey 07102-4194

tel: 973-430-7052 fax: 973-430-5983 email: matthew.weissman@pseg.com



April 26, 2019

In the Matter of the Petition of Public Service Electric and Gas Company for Approval of a Change in its Electric Non-Utility Generation Charge Rate

BPU	Docket No.	

VIA BPU E-FILING SYSTEM & OVERNIGHT MAIL

Aida Camacho-Welch, Secretary Board of Public Utilities 44 South Clinton Avenue, 3rd Flr. P.O. Box 350 Trenton, New Jersey 08625-0350

Dear Secretary Camacho-Welch:

Public Service Electric and Gas Company (PSE&G) submits its Petition, Testimony and Supporting Schedules in the above-referenced proceeding on the Board of Public Utilities E-Filing system. Also enclosed for the parties convenience is PSE&G's proposed Stipulation Regarding Provisional Rates.

Very truly yours,

mattles Wesom

C Attached Service List (E-mail only)

Public Service Electric and Gas Company NGC 2019

BPU

Paul Flanagan Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton NJ 08625-2836 paul.flanagan@bpu.nj.gov

BPU

Scott Sumliner
Board of Public Utilities
44 South Clinton Avenue
3rd Floor, Suite 314
P.O. Box 350
Trenton NJ 08625-0350
(609) 292-4519
scott.sumliner@bpu.nj.gov

DAG

Patricia A. Krogman DAG NJ Dept of Law & Public Safety Division of Law 124 Halsey Street, 5th Flr. P.O. Box 45029 Newark NJ 07101 (973) 648-3441 patricia.krogman@dol.lps.state.nj.us

PSE&G

Bernard Smalls PSEG Services Corporation 80 Park Plaza-T5 Newark NJ 07102-4194 (973) 430-5930 bernard.smalls@pseg.com

Rate Counsel

Stefanie A. Brand Division of Rate Counsel 140 East Front Street, 4th Flr. P.O. Box 003 Trenton NJ 08625 (609) 984-1460 sbrand@rpa.state.nj.us

Rate Counsel

Ami Morita Division of Rate Counsel 140 East Front Street, 4th Flr. P.O. Box 003 Trenton NJ 08625 (609) 984-1460 amorita@rpa.state.nj.us

BPU

Oneil Hamilton Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton NJ 08625-0350 Oneil.Hamilton@bpu.nj.gov

BPU

Thomas Walker Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton NJ 08625-0350 thomas.walker@bpu.nj.gov

DAG

Alex Moreau DAG NJ Dept. of Law & Public Safety Division of Law 124 Halsey Street, 5th Flr. P.O. Box 45029 Newark NJ 07101 (973) 648-3762 Alex.Moreau@dol.lps.state.nj.us

PSE&G

PSEG Services Corporation 80 Park Plaza, T5 P.O. Box 570 Newark NJ 07102 (973) 430-7052 matthew.weissman@pseg.com

Matthew M. Weissman Esq.

Rate Counsel

Lisa Gurkas
Division of Rate Counsel
140 East Front Street, 4th Flr.
P.O. Box 003
Trenton NJ 08625
(609) 984-1460
lgurkas@rpa.state.nj.us

Rate Counsel

Diane Schulze Esq.
Division of Rate Counsel
140 East Front Street, 4th Flr.
P.O. Box 003
Trenton NJ 08625
(609) 984-1460
dschulze@rpa.state.nj.us

BPU

Stacy Peterson Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton NJ 08625-0350 (609) 292-4517 stacy.peterson@bpu.nj.gov

DAG

Geoffrey Gersten
NJ Dept. of Law & Public Safety
Division of Law
124 Halsey Street, 5th Flr.
P.O. Box 45029
Newark NJ 07101
(973) 648-3510
geoffrey.gersten@dol.lps.state.nj.us

PSE&G

Michele Falcao
PSEG Services Corporation
80 Park Plaza, T5
P.O. Box 570
Newark NJ 07102
(973) 430-6119
michele.falcao@pseg.com

PSE&G

Caitlyn White PSEG Services Corporation 80 Park Plaza, T-5 P.O. Box 570 Newark NJ 07102 (973)-430-5659 caitlyn.white@pseg.com

Rate Counsel

Brian O. Lipman Division of Rate Counsel 140 East Front Street, 4th Flr. P.O. Box 003 Trenton NJ 08625 (609) 984-1460 blipman@rpa.nj.gov

STATE OF NEW JERSEY BOARD OF PUBLIC UTILITIES

IN THE MATTER OF THE PETITION OF)		
PUBLIC SERVICE ELECTRIC AND GAS)	PETITION	
COMPANY FOR APPROVAL OF A CHANGE)		
IN ITS ELECTRIC NON-UTILITY)	BPU DOCKET NO	
GENERATION CHARGE RATE)		

Public Service Electric and Gas Company (Public Service, the Company) a corporation of the State of New Jersey, which is subject to the jurisdiction of the Board of Public Utilities (Board), and which has its principal offices at 80 Park Plaza, Newark, New Jersey, respectfully petitions the Board as follows:

- 1. Public Service is engaged in the retail distribution and sale of electric energy for residential, commercial and industrial purposes within the State of New Jersey. Public Service is also engaged in the purchase, transmission, distribution and sale of natural gas for residential, commercial, and industrial customers in New Jersey. For these purposes, the Company is subject to the jurisdiction of the Board pursuant to N.J.S.A. 48:2-21 et seq.
- 2. Pursuant to the Electric Discount and Energy Competition Act of 1999 (EDECA), the Company's electric Non-utility Generation Transition Charge (NTC, now NGC) was established in the Board's Orders in Docket Nos. EO97070461, EO97070462 and EO97070463 (Electric EMP Order).
- 3. Pursuant to the Electric EMP Order, and to the extent that expenditures for these initiatives exceeded the amount of their cost recovery, the expenditures were subject to deferred accounting treatment for future recovery at the close of the transition period established in that Order.

- 4. By Order dated July 22, 2002, *Order Directing the Filing of Supplemental Testimony and Instituting Proceedings to Consider Audits of Utility Deferrals*, BPU Docket Nos. ER02050303, EO97070461, EO97070462, and EO97070463 (July 2002 Order), the Board required each electric utility to file, among other things, a request for recovery of deferred expenses pertaining to unrecovered balances associated with the NTC.
- 5. On August 28, 2002, the Company filed a request with the Board seeking authority to reset its rates, as required in the July 2002 Order.
- 6. After a series of proceedings related to various components of the Company's rates, the Board issued a Summary Order dated July 31, 2003 followed by a Final Order dated April 22, 2004 (Final Order). The Summary and Final Orders finalized the Company's NTC and established new NTC rates, including multiple components effective August 1, 2003.
- 7. The Company's most recent NGC¹ case was concluded by the Board's May 31, 2017 Order in Docket No. ER16080785, and the Company implemented the new NGC rates effective for service rendered on and after January 1, 2017 which reflected the provisional rates approved effective on October 1, 2016 as well as New Jersey Sales and Use Tax (SUT) effective January 1, 2017 based on the Company's actual collections and expenses through September 30, 2016.
- 8. The proposed new electric NGC rate of \$0.000119 per kilowatt-hour (kWh) without losses and SUT reflects an increase in revenue requirements of \$8.93 million. The annual bill impact on a typical residential electric customer that uses 740 kilowatt-hours

A March 6, 2007 Order also provided that the NTC shall be renamed the Non-utility Generation Charge, or "NGC." The NGC component addressed in this Petition is limited to the "Non-Utility Generation above market costs."

during a summer month and 6,920 kilowatt-hours annually would be an increase of \$1.56, or approximately 0.12%, based upon current delivery rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) in effect April 18, 2019 assuming that the customer received BGS-RSCP service from PSE&G. However, because the underrecovery is continuing to grow, which will result in an even larger increase on what was intended to be a credit, the Company is proposing that until the parties have the opportunity to review the Company's proposed filing, that the NGC rate be set to \$0.000000 per kWh. A stipulation requesting a provisional rate of \$0.000000 per kWh is attached. If the rate is temporarily set to \$0.000000, the annual bill impact on a typical residential electric customer that uses 740 kilowatt-hours during a summer month and 6,920 kilowatt-hours annually would be an increase of \$0.68, or approximately 0.05%, based upon current delivery rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) in effect April 18, 2019 assuming that the customer received BGS-RSCP service from PSE&G.

9. Pursuant to a BPU directive, PSE&G provides a credit through the NGC to residential electric customers related to the net economic benefit of energy and capacity from the St. Lawrence hydroelectric facility. PSE&G resets the amount of the St. Lawrence New York Power Authority (NYPA) Credit as of June 1 of each year based on the credit received net of any over/under refunded balances including interest. Please note that the Company is not proposing to update the St. Lawrence credit in this filing. In support of this Petition, the Company is presenting the Direct Testimony of Stephen Swetz, Sr. Director - Corporate Rates and Revenue Requirements attached hereto as Attachment A. Mr. Swetz

describes the status and level of NGC recovery. The Company also files and incorporates herein its proposed Tariff Sheets (both red-lined and "clean"), attached hereto as Attachments B (current), C (proposed), and D (proposed with red-lining), respectively.

- 10. The Company incorporates herein as Attachment E a schedule depicting typical electric residential customer bill impacts resulting from approval of this Petition as well as a proposed provisional stipulation supporting a provisional NGC rate of \$0.000000 per kWh incorporated herein as Attachment G.
- 11. Attachment F is a draft Form of Notice of Filing and of Public Hearings (Form of Notice). This Form of Notice will be placed in newspapers having a circulation within the Company's electric service territory upon scheduling of public hearing dates. Public hearings will be held in each geographic area within the Company's service territory, i.e., Northern, Central, and Southern. A Notice will be served on the County Executives and Clerks of all municipalities within the Company's electric and gas service territories upon scheduling of public hearing dates.
- 12. Communications and correspondence related to this Petition should be sent as follows:

Joseph A. Shea, Esq.
Associate General Regulatory Counsel
PSEG Services Corporation
80 Park Plaza, T5
P.O. Box 570
Newark, New Jersey 07101
Telephone No. (973) 430-7047
Fax No. (973) 430-5983
joseph.shea@pseg.com

Matthew M. Weissman General State Regulatory Counsel PSEG Services Corporation 80 Park Plaza, T5 P.O. Box 570 Newark, New Jersey 07101 Telephone No. (973) 430-7047 Fax No. (973) 430-5983 matthew.weissman@pseg.com

Michele Falcao Regulatory Filings Supervisor **PSEG Services Corporation** 80 Park Plaza, T5 P.O. Box 570 Newark, New Jersey 07101 Telephone No. (973) 430-6119 Fax No. (973) 430-5983 michele.falcao@pseg.com

Caitlyn White Regulatory Case Coordinator **PSEG Services Corporation** 80 Park Plaza, T5 P.O. Box 570 Newark, New Jersey 07101 Telephone No. (973) 430-5659 Fax No. (973) 430-5983 caitlyn.white@pseg.com

WHEREFORE, Public Service Electric and Gas Company requests that the Board find and determine as follows pursuant to N.J.S.A. 48:2-21, N.J.S.A. 48:2-21.1, and N.J.S.A. 48:3-60:

- 1. The current credit be set to zero as reflected in the provisional stipulation attached hereto as Attachment G, effective July 1, 2019, while the parties review the Company's proposal requesting a revised rate of \$0.000119 per kWh without losses and SUT.
- At the conclusion of the parties' review of the Company's proposal, the Board 2. approve the Company's proposed revised rate as final.

Respectfully submitted,

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

By: Matthew Wesom Matthew M. Weissman, Esq. General State Regulatory Counsel **PSEG Services Corporation** 80 Park Plaza

Newark, New Jersey 07101

DATED: April 26, 2019 Newark, New Jersey

STATE OF NEW JERSEY)
COUNTY OF ESSEX)

Stephen Swetz, of full age, being duly sworn according to law, on his oath deposes and says:

- I am Sr. Director Corporate Rates and Revenue Requirements for PSEG Services Corporation.
- 2. I have read the annexed Petition, and the matters contained therein are true to the best of my knowledge and belief.

Stephen Swetz

Sworn to and subscribed to
Before me this 26th day
of April 2019

MICHELE D. FALCAO Notary Public, State of New Jersey My Commission Expires November 14, 2021

1	PUBLIC SERVICE ELECTRIC AND GAS COMPANY
1 2 3 4 5	DIRECT TESTIMONY OF
5 6	STEPHEN SWETZ SR. DIRECTOR – CORPORATE RATES AND REVENUE REQUIREMENTS
7	INTRODUCTION
8	My name is Stephen Swetz and I am the Sr. Director - Corporate Rates and
9	Revenue Requirements. I have previously testified before the Office of Administrative Law
10	(OAL) and the New Jersey Board of Public Utilities (Board) on behalf of Public Service
11	Electric and Gas Company (the Company, PSE&G). My credentials are set forth in detail in
12	Schedule SS-NGC-1.
13	OVERVIEW AND SUMMARY OF TESTIMONY
14	My testimony supports the Company's Petition to change the electric Non-utility
15	Generation Charge (NGC).1 My testimony describes the status of the Non-utility Generation
16	above market costs component of the NGC (also referred to herein as the Non-utility
17	Generation component), on an actual basis through February 28, 2019 and on an estimated
18	basis through June 30, 2020. I provide information relative to the deferred balance along
19	with estimated expenses to be collected for the period July 1, 2019 through June 30, 2020.
20	The proposed final electric NGC rate of \$0.000119 per kilowatt-hour (kWh) without losses
21	and Sales and Use Tax (SUT) effective July 1, 2019, is an increase in revenue requirement of
22	\$8.93 million compared to the current credit rate of (\$0.000086) per kWh without losses and
23	SUT.

Pursuant to the Board of Public Utilities' March 6, 2007 Order, the non-utility generation transition charge (NTC) was renamed the Non-utility Generation Charge, or "NGC."

However, because the underrecovery at June 30, 2019 is expected to be \$4.96 million and would continue to grow due to the current rate being set as a credit, the Company is proposing a rate of \$0.000000 per kWh be set provisionally until the parties have the opportunity to review the Company's filing. The impact of this proposed provisional rate is shown in the proposed NGC tariff sheet attached to the provisional stipulation to be effective on July 1, 2019. The impact of the proposed final rate of \$0.000119 per kWh without losses and SUT is reflected on the Company's proposed NGC tariff sheet attached to the Petition as Exhibit C, also proposed to be effective on July 1, 2019.

<u>NGC</u>

With this Petition, the Company proposes resetting the aforementioned NGC component to a rate of \$0.000119 per kWh without losses and SUT effective July 1, 2019. The new rate is based on actual costs and revenues through February 28, 2019 and projected expenses and recoveries through June 30, 2020. The annual bill impact of the proposed provisional rate on a typical residential electric customer that uses 740 kilowatt-hours during a summer month and 6,920 kilowatt-hours annually would be an increase of \$0.68, or approximately 0.05%, based upon current delivery rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) in effect April 18, 2019 assuming that the customer received BGS-RSCP service from PSE&G. The annual bill impact of the proposed final rate on a typical residential electric customer that uses 740 kilowatt-hours during a summer month and 6,920 kilowatt-hours annually would be an increase of \$1.56, or approximately 0.12%, based upon current delivery rates and Basic Generation Service

- 1 Residential Small Commercial Pricing (BGS-RSCP) in effect April 18, 2019 assuming that
- 2 the customer received BGS-RSCP service from PSE&G.

3 BACKGROUND

- 4 Pursuant to the Electric Discount and Energy Competition Act of 1999
- 5 (EDECA), the Company's NTC (now NGC) was established in the Board's Orders in Docket
- 6 Nos. EO97070461, EO97070462 and EO97070463 (Electric EMP Order).
- On July 22, 2002, the Board issued its Order Directing the Filing of 8 Testimony and Instituting Proceedings to Consider Audits of Utility Deferrals (Deferral
- 9 Order) requiring, among other items, a review of the SBC/NGC components and
- 10 implementation of an audit. On August 28, 2002, the Company filed a request with the
- Board seeking authority to reset its rates, as required in the July 22, 2002 Order. After a
- series of proceedings related to various components of the Company's rates, the Board issued
- 13 a Summary Order dated July 31, 2003 followed by a Final Order dated April 22, 2004 (Final
- 14 Order). The Summary and Final Orders finalized the Company's SBC, NTC, MTC, and
- 15 BGS deferred cost components through the end of the transition period, July 31, 2003, and
- established new SBC and NTC rates effective August 1, 2003.
- Schedule SS-NGC-2 provides the calculation of the relevant cost recovery
- factors for the proposed electric rates effective July 1, 2019. Shown on Schedule SS-NGC-2
- 19 is actual data through February 28, 2019, estimates of the deferred balance expected for the
- NGC clause as of June 30, 2019, and the projected costs for the annual period of July 1, 2019
- 21 through June 30, 2020. As of February 28, 2019 on an actual basis, the electric Non-Utility
- 22 Generation component of the NGC was under collected by \$3.69 million, including accrued

- 1 interest. As of June 30, 2019, the Non-Utility Generation component of the NGC is expected
- 2 to be under collected by approximately \$4.96 million, including interest. The monthly net
- deferred costs on an actual basis through February 28, 2019 are shown on Schedule SS-
- 4 NGC-3A for the Non-Utility Generation above market costs component of the NGC.
- 5 Additionally, the expenses estimated for the period March 1, 2019 through June 30, 2019, are
- 6 to be collected from July 1, 2019 through June 30, 2020, as shown on Schedule SS-NGC-2.

INTEREST CALCULATION

7

8

9

10

11

12

13

14

15

16

17

18

19

20

The method of calculating interest for the aforementioned NGC component is as follows. The Board's July 31, 2003 Order and associated settlement provide that net-of-tax interest at the two-year constant maturity treasury rate as shown in the Federal Reserve Statistical Release on or closest to August 1 plus 60 basis points shall be applied monthly to the average monthly cumulative deferred NGC balance, positive or negative, from the beginning to the end of the period. Monthly interest on negative deferred balances (under collections) shall be netted against monthly interest on positive deferred balances (over collections) for the period. A cumulative net positive interest balance at the end of the period is owed to customers and shall be returned to customers in the next period. A cumulative net negative interest balance shall be recovered from customers in the next period. Actual interest calculations can be found in Schedule SS-NGC-3A.

DEVELOPMENT OF PROPOSED RATES

A. Actual Monthly Deferred Balances

The Non-Utility Generation above market costs component of the NGC monthly deferred balances are shown on SS-NGC-3A on an actual basis through February

28, 2019 and depict the net result of the NGC revenues and the above market cost impacts of purchases of electricity from the NUGs as compared to the market value of that electricity. The purpose of the Non-Utility Generation above market costs component of the NGC is to recover above market NUG costs; that is, the amounts by which actual NUG payments are different from the market value of that power. In addition, payments to customers selling electricity to the Company via Payment Schedule Purchased Electric Power (PEP) have also been included in the NGC. However, the electricity purchased by the Company under PEP is not sold explicitly into the PJM market but acts as a load reducer to all customers being served either by Basic Generation Supply (BGS) or by Third Party Suppliers (TPS). The current method allocates the estimated benefit of the load reduction as if it had been sold into PJM as a cost to the BGS reconciliation charge and an offsetting credit to the NGC. Therefore, BGS customers are allocated almost all of the PEP costs while the benefit is applied to both BGS and TPS customers. In an effort to better align PEP costs and benefits, beginning in April 2019, the Company is no longer allocating the PEP costs solely to BGS customers. This will ensure that the costs and benefits of the electricity purchased under PEP are shared equitably between the BGS and TPS customers.

B. Provisional Rate Request

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

As described in more detail above, the current rate is a credit, while current costs are a net expense along with an underrecovered balance. The filed electric NGC rate of \$0.000119 per kWh without SUT reflects an increase in revenue requirements of \$8.93 million. However, because the underrecovery is expected to continue to grow, the Company is proposing a rate of \$0.000000 per kWh be set provisionally until the parties have the

- 1 opportunity to review the Company's filing. A stipulation requesting this provisional rate of
- 2 \$0.000000 per kWh is attached to the Petition as Attachement G. At the conclusion of the
- 3 parties' review of the Company's proposal, the Company requests the Board approve its
- 4 proposed rate.

9

10

11

12

13

14

15

16

17

18

19

21

- 5 Please see the attached proposed Stipulation of Settlement with tariff impacts
- 6 reflecting the provisional rate to be effective July 1, 2019, and the Petition, Attachment C for
- 7 the tariff reflecting the proposed final rate to be effective July 1, 2019 should the parties have
- 8 sufficient time to review the case and approve filed rates effective July 1.

C. St. Lawrence Allocation/True-up

At its November 9, 2004 agenda meeting, the Board verbally approved the Public Power Association of New Jersey ("PPANJ") as Bargaining Agent for the State of New Jersey to renegotiate with the New York Power Authority ("NYPA"), on the allocation of service tariff capacity and associated energy produced at the St. Lawrence project. The PPANJ subsequently filed with the BPU the following documents associated with the St. Lawrence Hydroelectric Power matter: 1) Agreement for Electric Service Investor Owned Utility Between the PPANJ and Jersey Central Power & Light (JCP&L), PSE&G, Rockland Electric and Atlantic City Electric Company; 2) Agreement Governing Administration of NYPA Power ("Administration Agreement"); and 3) PPANJ for State of New Jersey Service Tariff Capacity and Associated Energy.

These agreements included provisions that, among other things, named

JCP&L as the recipient of the energy and capacity produced by the St. Lawrence project.

22 JCP&L delivers the net economic benefit of this energy and capacity to each of the New

- 1 Jersey Investor-Owned Electric Utilities (IOUs) once annually. The agreements also
- 2 stipulate that each IOU shall allocate these net economic benefits exclusively to its
- 3 residential customers through the IOU's clause through which it recovers non-utility
- 4 generation costs. PSE&G credits its share of St. Lawrence allocation to residential customers
- 5 served under delivery Rate Schedules RS, RLM and RHS through the NGC.
- 6 Pursuant to a BPU directive, PSE&G provides a credit to residential electric
- 7 customers related to the net economic benefit of energy and capacity from the St. Lawrence
- 8 hydroelectric facility through the NGC. PSE&G resets the amount of the St. Lawrence New
- 9 York Power Authority (NYPA) Credit as of June 1 of each year based on the credit received
- 10 net of any over/under refunded balances, including interest. Please note that the Company is
- 11 not proposing to update the St. Lawrence credit in this filing.

2 OF STEPHEN SWETZ 3 4 SR. DIRECTOR-CORPORATE RATES AND REVENUE REQUIREMENTS 5 6 My name is Stephen Swetz and I am employed by PSEG Services 7 Corporation. I am the Sr. Director - Corporate Rates and Revenue Requirements where 8 my main responsibility is to contribute to the development and implementation of electric 9 and gas rates for Public Service Electric and Gas Company (PSE&G, the Company). 10 **WORK EXPERIENCE** 11 I have over 30 years of experience in Rates, Financial Analysis and 12 Operations for three Fortune 500 companies. Since 1991, I have worked in various 13 positions within PSEG. I have spent most of my career contributing to the development 14 and implementation of PSE&G electric and gas rates, revenue requirements, pricing and corporate planning with over 20 years of direct experience in Northeastern retail and 15 16 wholesale electric and gas markets. As Sr. Director of the Corporate Rates and Revenue Requirements 17 18 department, I have submitted pre-filed direct cost recovery testimony as well as oral 19 testimony to the New Jersey Board of Public Utilities and the New Jersey Office of 20 Administrative Law for base rate cases, as well as a number of clauses including

infrastructure investments, renewable energy, and energy efficiency programs. A list of

my prior testimonies can be found on pages 3 and 4 of this document. I have also

CREDENTIALS

1

21

22

- 1 contributed to other filings including unbundling electric rates and Off-Tariff Rate
- 2 Agreements. I have had a leadership role in various economic analyses, asset valuations,
- 3 rate design, pricing efforts and cost of service studies.
- I am an active member of the American Gas Association's Rate and
- 5 Strategic Issues Committee, the Edison Electric Institute's Rates and Regulatory Affairs
- 6 Committee and the New Jersey Utility Association (NJUA) Finance and Regulatory
- 7 Committee.

8

EDUCATIONAL BACKGROUND

- 9 I hold a B.S. in Mechanical Engineering from Worcester Polytechnic
- 10 Institute and an MBA from Fairleigh Dickinson University.

LIST OF PRIOR TESTIMONIES

Company	Utility	Docket	Testimony	Date	Case / Topic
Public Service Electric & Gas Company	E/G	EO18101113 - GO18101112	written	Dec-18	Clean Energy Future - Energy Efficiency Program Approval
Public Service Electric & Gas Company	E/G	GR18121258	written	Nov-18	Remediation Adjustment Charge-RAC 26
Public Service Electric & Gas Company	G	GR18070831	written	Jul-18	Gas System Modernization Program (GSMP) - Third Roll-In
Public Service Electric & Gas Company	E/G	ER18070688 - GR18070689	written	Jun-18	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT,
. ,					S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER18060681	written	Jun-18	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR18060675	written	Jun-18	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	EO18060629 - GO18060630	written	Jun-18	Energy Strong II / Revenue Requirements & Rate Design
Public Service Electric & Gas Company	G	GR18060605	written	Jun-18	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER18040358 - GR18040359	written	Mar-18	Energy Strong / Revenue Requirements & Rate Design - Eighth Roll-in
Public Service Electric & Gas Company	E/G	ER18030231	written	Mar-18	Tax Cuts and Job Acts of 2017
Public Service Electric & Gas Company	E/G	GR18020093	written	Feb-18	Remediation Adjustment Charge-RAC 25
Public Service Electric & Gas Company	E/G	ER18010029 and GR18010030	written	Jan-18	Base Rate Proceeding / Cost of Service & Rate Design
Public Service Electric & Gas Company	E	ER17101027	written	Sep-17	Energy Strong / Revenue Requirements & Rate Design - Seventh Roll-in
Public Service Electric & Gas Company	G	GR17070776	written	Jul-17	Gas System Modernization Program II (GSMP II)
Public Service Electric & Gas Company	G	GR17070775	written	Jul-17	Gas System Modernization Program (GSMP) - Second Roll-In
Public Service Electric & Gas Company	G	GR17060720	written	Jul-17	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER17070724 - GR17070725	written	Jul-17	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, S4AEXT II, SLIII / Cost Recovery
Public Service Electric & Gas Company	Е	ER17070723	written	Jul-17	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR17060593	written	Jun-17	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER17030324 - GR17030325	written	Mar-17	Energy Strong / Revenue Requirements & Rate Design - Sixth Roll-in
Public Service Electric & Gas Company	E/G	EO14080897	written	Mar-17	Energy Efficiency 2017 Program
Public Service Electric & Gas Company	E	ER17020136	written	Feb-17	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E/G	GR16111064	written	Nov-16	Remediation Adjustment Charge-RAC 24
Public Service Electric & Gas Company	E	ER16090918	written	Sep-16	Energy Strong / Revenue Requirements & Rate Design - Fifth Roll-in
Public Service Electric & Gas Company	E	EO16080788	written	Aug-16	Construction of Mason St Substation
Public Service Electric & Gas Company	E	ER16080785	written	Aug-16	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	G	GR16070711	written	Jul-16	Gas System Modernization Program (GSMP) - First Roll-In
Public Service Electric & Gas Company	G	GR16070617	written	Jul-16	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER16070613 - GR16070614	written	Jul-16	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	Е	ER16070616	written	Jul-16	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR16060484	written	Jun-16	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	EO16050412	written	May-16	Solar 4 All Extension II (S4Allext II) / Revenue Requirements & Rate Design
Public Service Electric & Gas Company	E/G				Energy Strong / Revenue Requirements & Rate Design - Fourth Roll-in
Public Service Electric & Gas Company	E/G	ER16030272 - GR16030273	written	Nov-15	Remediation Adjustment Charge-RAC 23
Public Service Electric & Gas Company	E	GR15111294 ER15101180	written written	Sep-15	Energy Strong / Revenue Requirements & Rate Design - Third Roll-in
. ,					Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT,
Public Service Electric & Gas Company	E/G	ER15070757-GR15070758	written	Jul-15	SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER15060754	written	Jul-15	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company Public Service Electric & Gas Company	G G	GR15060748 GR15060646	written written	Jul-15 Jun-15	Weather Normalization Charge / Cost Recovery Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company Public Service Electric & Gas Company	E/G	ER15050558	written	May-15	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER15050558	written	May-15	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER15030389-GR15030390	written	Mar-15	Energy Strong / Revenue Requirements & Rate Design - Second Roll-in
Public Service Electric & Gas Company Public Service Electric & Gas Company	G E/G	GR15030272 GR14121411	written written	Feb-15 Dec-14	Gas System Modernization Program (GSMP) Remediation Adjustment Charge-RAC 22
Public Service Electric & Gas Company Public Service Electric & Gas Company	E/G	ER14091074	written	Sep-14	Energy Strong / Revenue Requirements & Rate Design - First Roll-in
Public Service Electric & Gas Company	E/G	EO14080897	written	Aug-14	EEE Ext II
Public Service Electric & Gas Company	G	ER14070656	written	Jul-14	Weather Normalization Charge / Cost Recovery Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT,
Public Service Electric & Gas Company	E/G	ER14070651-GR14070652	written	Jul-14	SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER14070650	written	Jul-14	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company Public Service Electric & Gas Company	G E/G	GR14050511 GR14040375	written written	May-14 Apr-14	Margin Adjustment Charge (MAC) / Cost Recovery Remediation Adjustment Charge-RAC 21
Public Service Electric & Gas Company	E/G	ER13070603-GR13070604	written	Jun-13	Green Programs Recovery Charge (GPRC)-Including DR, EEE, EEE Ext, CA, S4All, SLII /
Public Service Electric & Gas Company	E	ER13070605	written	Jul-13	Cost Recovery Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR13070615	written	Jun-13	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	G	GR13060445	written	May-13	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	E013020155-G013020156	written/oral	Mar-13	Energy Strong / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company Public Service Electric & Gas Company	G E	GO12030188 ER12070599	written/oral written	Mar-13 Jul-12	Appliance Service / Tariff Support Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER12070606-GR12070605	written	Jul-12	RGGI Recovery Charges (RRC)-Including DR, EEE, EEE Ext, CA, S4All, SLII / Cost Recovery
Public Service Electric & Gas Company	E	EO12080721	written/oral	Jul-12	Solar Loan III (SLIII) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO12080721	written/oral	Jul-12	Solar 4 All Extension(S4Allext) / Revenue Requirements & Rate Design - Program
asia service Electric & Gas company	Ľ	2012000721	written/oldi	Jui-12	Approval

LIST OF PRIOR TESTIMONIES

Company	Utility	Docket	Testimony	Date	Case / Topic
Public Service Electric & Gas Company	G	GR12060489	written	Jun-12	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	G	GR12060583	written	Jun-12	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER12030207	written	Mar-12	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER12030207	written	Mar-12	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	G	GR11060338	written	Jun-11	Margin Adjustment Charge (MAC) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	G	GR11060395	written	Jun-11	Weather Normalization Charge / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO11010030	written	Jan-11	Economic Energy Efficiency Extension (EEEext) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	ER10100737	written	Oct-10	RGGI Recovery Charges (RRC)-Including DR, EEE, CA, S4All, SLII / Cost Recovery
Public Service Electric & Gas Company	E/G	ER10080550	written	Aug-10	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER10080550	written	Aug-10	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	GR09050422	written/oral	Mar-10	Base Rate Proceeding / Cost of Service & Rate Design
Public Service Electric & Gas Company	E	ER10030220	written	Mar-10	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	E	EO09030249	written	Mar-09	Solar Loan II(SLII) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	EO09010056	written	Feb-09	Economic Energy Efficiency(EEE) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO09020125	written	Feb-09	Solar 4 All (S4All) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO08080544	written	Aug-08	Demand Response (DR) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	ER10100737	written	Jun-08	Carbon Abatement (CA) / Revenue Requirements & Rate Design - Program Approval

PSE&G Non-Utility Generation Charge Calculation of Cost Recovery (\$000's)

Page 1 of 1

Schedule SS-NGC-2

ELECTRIC

		<u>Period</u>	Amount 1
BEGINNING BALANCE INCLUDING INTERE	EST	9/30/2016	\$5,143
ACTUAL REVENUES ACTUAL EXPENSES INTEREST		10/1/16 - 02/28/19 10/1/16 - 02/28/19 10/1/16 - 02/28/19	(\$9,086) \$257 (\$7)
BALANCE INCLUDING INTEREST		2/28/2019	(\$3,693)
PROJECTED REVENUES PROJECTED EXPENSES INTEREST		03/1/19 - 6/30/19 03/1/19 - 6/30/19 03/1/19 - 6/30/19	(\$1,174) (\$59) (\$34)
BALANCE INCLUDING INTEREST		6/30/19	(\$4,959)
(OVER)/UNDER RECOVERY WITH INTERE	6/30/19	\$4,959	
ESTIMATED EXPENSES TO BE COLLECTE	7/1/19 - 6/30/20	\$222	
TOTAL TO BE COLLECTED / (RETURNED)	TO CUSTOMERS	7/1/19 - 6/30/20	\$5,181
KWH OUTPUT (000s)		7/1/19 - 6/30/20	43,580,385
AVERAGE COST PER KILOWATTHOUR	(DOLLAR/KWH)		\$0.000119
CHARGE - Secondary LPL Primary HTS Subtransmission HTS High Voltage	(DOLLAR/KWH) (DOLLAR/KWH) (DOLLAR/KWH) (DOLLAR/KWH)		\$0.000126 \$0.000123 \$0.000121 \$0.000120
CALCULATOIN OF REVENUE	IMPACT		Deguacted Data
REVISED RATE PER KWH CURRENT RATE PER KWH			Requested Rate \$0.000119 (\$0.000086)
DIFFERENCE			\$0.000205
KWH OUTPUT (000s)		7/1/19 - 6/30/20	43,580,385
REVENUE IMPACT		7/1/19 - 6/30/20	\$8,934

^{1.} For purposes of this filing, references to NGC are for the Non-Utility Generation above market cost component.

PSE&G Non-Utility Generation Charge NGC Actual Summary

NGC SUMMARY 1	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17
Beginning Balance	(\$1,128,014)	\$5,142,672	\$4,851,847	\$4,583,178	\$4,476,751	\$4,158,400	\$3,873,615	\$3,661,116	\$3,397,840	\$3,118,864	\$2,781,874
NGC Recovery from Customers (A)	\$6,344,321	(\$289,785)	(\$269,872)	(\$308,163)	(\$316,807)	(\$284,914)	(\$310,500)	(\$267,113)	(\$281,707)	(\$335,669)	(\$397,163)
Sales of NUG Power Energy (B) Capacity (C) Cinnamon Bay Make Whole Amended PPA (D) NUG Purchase Power Expense (Contract Payments) (E)	\$10,144 \$3,032 \$0 \$19,119	\$10,178 \$3,131 \$0 \$14,349	\$15,735 \$3,030 \$0 \$17,563	\$23,873 \$3,131 \$200,000 \$25,269	\$23,725 \$3,131 \$0 \$28,400	\$15,057 \$2,828 \$0 \$17,755	\$123,769 \$3,131 \$0 \$28,900	\$26,333 \$3,030 \$0 \$25,525	\$23,400 \$3,131 \$0 \$23,800	\$20,623 \$1,784 \$0 \$23,728	\$20,548 \$1,848 \$0 \$24,088
Above Market Costs $(F) = (E) - (B) - (C) - (D)$	\$5,943	\$1,040	(\$1,203)	(\$201,735)	\$1,544	(\$129)	(\$98,001)	(\$3,837)	(\$2,731)	\$1,321	\$1,693
OVER/(UNDER) RECOVERY $(G) = (A) - (F)$	\$6,338,378	(\$290,825)	(\$268,669)	(\$106,428)	(\$318,351)	(\$284,785)	(\$212,499)	(\$263,276)	(\$278,976)	(\$336,991)	(\$398,855)
ACCUMULATED BALANCE	\$5,210,364	\$4,851,847	\$4,583,178	\$4,476,751	\$4,158,400	\$3,873,615	\$3,661,116	\$3,397,840	\$3,118,864	\$2,781,874	\$2,383,019
INTEREST INTEREST RATE	1,278 1.27%	3,128 1.27%	2,953 1.27%	2,836 1.27%	2,703 1.27%	2,514 1.27%	2,358 1.27%	2,209 1.27%	2,040 1.27%	1,847 1.27%	1,617 1.27%
CUMULATIVE INTEREST	(\$67,692)	\$3,128	\$6,081	\$8,917	\$11,620	\$14,134	\$16,493	\$18,702	\$20,742	\$22,589	\$24,205

For purposes of this filing, references to NGC are for the Non-Utility Generation above market cost component.

PSE&G Non-Utility Generation Charge NGC Actual Summary

NGC SUMMA	ARY 1		Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Beginning Balance			\$2,383,019	\$2,012,568	\$1,692,005	\$1,402,558	\$1,130,530	\$807,159	\$466,368	\$171,097	(\$125,912)	(\$398,674)	(\$695,183)
NGC Recovery from Customers		(A)	(\$367,852)	(\$318,773)	(\$287,564)	(\$270,099)	(\$322,888)	(\$333,806)	(\$283,575)	(\$296,877)	(\$274,129)	(\$297,823)	(\$330,961)
	apacity nended PPA (D	,	\$17,178 \$1,844 \$0 \$21,621	\$14,665 \$1,784 \$0 \$18,240	\$13,595 \$1,844 \$0 \$17,322	\$19,704 \$1,785 \$0 \$23,418	\$40,947 \$1,844 \$0 \$43,274	\$72,882 \$1,847 \$0 \$81,714	\$7,974 \$1,665 \$0 \$21,336	\$11,235 \$1,844 \$0 \$13,211	\$18,271 \$1,784 \$0 \$18,688	\$16,404 \$1,844 \$0 \$16,934	\$17,302 \$0 \$0 \$23,235
,	F) = (E) - (B) -	, , ,	\$2,599	\$1,790	\$1,883	\$1,929	\$483	\$6,985	\$11,697	\$132	(\$1,368)	(\$1,313)	\$5,933
OVER/(UNDER) RECOVERY	(G) = (A) - (F)	(\$370,451)	(\$320,563)	(\$289,447)	(\$272,028)	(\$323,371)	(\$340,791)	(\$295,272)	(\$297,009)	(\$272,762)	(\$296,510)	(\$336,894)
ACCUMULATED BALANCE			\$2,012,568	\$1,692,005	\$1,402,558	\$1,130,530	\$807,159	\$466,368	\$171,097	(\$125,912)	(\$398,674)	(\$695,183)	(\$1,032,077)
INTEREST INTEREST RATE			2,102 1.94%	1,771 1.94%	1,480 1.94%	1,211 1.94%	926 1.94%	740 1.94%	370 1.94%	26 1.94%	(305) 1.94%	(636) 1.94%	(1,004) 1.94%
CUMULATIVE INTEREST			\$26,307	\$28,078	\$29,558	\$30,769	\$31,695	\$32,435	\$32,806	\$32,832	\$32,527	\$31,892	\$30,888

For purposes of this filing, references to NGC are for the Non-Utility Generation above market cost component.

NGC SUMMARY 1	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19
Beginning Balance	(\$1,032,077)	(\$1,439,113)	(\$1,863,548)	(\$2,198,693)	(\$2,504,867)	(\$2,776,334)	(\$3,086,031)	(\$3,405,511)
NGC Recovery from Customers (A)	(\$403,522)	(\$419,940)	(\$330,786)	(\$303,820)	(\$271,579)	(\$309,357)	(\$319,939)	(\$280,601)
Sales of NUG Power Energy (B) Capacity (C) Cinnamon Bay Make Whole Amended PPA (D)	\$21,825 \$0 \$0	\$19,493 \$0 \$0	\$9,922 \$0 \$0	\$11,322 \$0 \$0	\$15,820 \$0 \$0	\$18,950 \$0 \$0	\$24,413 \$0 \$0	\$14,295 \$0 \$0
NUG Purchase Power Expense (Contract Payments) (E)	\$25,339	\$23,988	\$14,281	\$13,676	\$15,709	\$19,289	\$23,954	\$14,111
Above Market Costs $(F) = (E) - (B) - (C) - (D)$	\$3,513	\$4,495	\$4,359	\$2,354	(\$112)	\$340	(\$459)	(\$183)
OVER/(UNDER) RECOVERY $(G) = (A) - (F)$	(\$407,035)	(\$424,435)	(\$335,145)	(\$306,174)	(\$271,468)	(\$309,697)	(\$319,479)	(\$280,418)
ACCUMULATED BALANCE	(\$1,439,113)	(\$1,863,548)	(\$2,198,693)	(\$2,504,867)	(\$2,776,334)	(\$3,086,031)	(\$3,405,511)	(\$3,685,928)
INTEREST INTEREST RATE	(1,436) 1.94%	(3,235) 3.27%	(3,979) 3.27%	(4,607) 3.27%	(5,173) 3.27%	(5,742) 3.27%	(6,358) 3.27%	(6,946) 3.27%
CUMULATIVE INTEREST	\$29,452	\$26,217	\$22,238	\$17,631	\$12,458	\$6,716	\$357	(\$6,589)

For purposes of this filing, references to NGC are for the Non-Utility Generation above market cost component.

	_		Sep-16			Oct-16			Nov-16	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SQUIBB	PEP	0.00	\$0.00	0.00	0.05	\$0.77	16.41	2.00	\$52.06	25.99
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$1,155.24	0.00	0.00	\$1,522.57	0.00	0.00	\$1,233.61	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	7.62	\$65.42	8.59	21.56	\$326.94	15.16	29.42	\$581.92	19.78
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.42	\$7.10	16.86	0.09	\$1.28	14.86	0.09	\$1.75	19.88
MONTCLAIR STATE UNIVERSITY	PEP	8.47	\$129.31	15.27	74.08	\$1,228.25	16.58	158.28	\$3,248.05	20.52
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	59.35	\$2,146.11	36.16	43.46	\$1,176.72	27.08	31.23	\$748.11	23.95
NJR - 160 RARITAN CENTER - 95115	PEP	37.58	\$1,339.03	35.63	30.21	\$784.94	25.99	26.48	\$632.97	23.90
NJR - 160 RARITAN CENTER - 95116	PEP	34.07	\$1,206.42	35.42	30.23	\$754.56	24.96	23.34	\$557.18	23.87
NJR - 255 BLAIR ROAD	PEP	101.85	\$3,577.02	35.12	73.21	\$1,938.06	26.47	53.38	\$1,271.07	23.81
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	72.48	\$2,422.33	33.42	58.30	\$1,442.93	24.75	46.11	\$1,090.65	23.65
PEERLESS BEVERAGE	PEP	7.16	\$267.87	37.43	5.35	\$145.46	27.18	4.11	\$105.51	25.69
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	5.26	\$151.85	28.85	6.94	\$150.47	21.68	10.94	\$270.28	24.72
PRINCETON UNIVERSITY	PEP	0.00	\$72.25	0.00	5.64	\$0.00	0.00	12.08	\$132.81	10.99
RED BURLINGTON	PEP	61.20	\$3,697.02	60.41	141.71	\$3,102.32	21.89	198.07	\$5,181.62	26.16
RUTGERS ECOCOMPLEX	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	70.87	\$2,523.57	35.61	53.97	\$1,452.93	26.92	43.25	\$1,020.18	23.59
UNIVERSITY of MEDICINE and DENTISTRY	PEP	2.79	\$59.17	21.18	8.67	\$122.51	14.14	58.86	\$1,276.32	21.68
WESTMONT (100 Johnson Avenue)	PEP	1.77	\$49.71	28.09	1.54	\$33.09	21.46	1.26	\$31.55	25.14
WESTMONT (500 Johnson Avenue)	PEP	4.42	\$97.46	22.06	3.38	\$82.13	24.33	2.55	\$65.31	25.64
WESTMONT (600 Johnson Avenue)	PEP	4.51	\$152.50	33.80	3.40	\$83.40	24.55	2.39	\$61.74	25.80
	Total	479.82	\$19,119.37	39.85	561.76	\$14,349.34	25.54	703.84	\$17,562.67	24.95

			Dec-16			Jan-17			Feb-17	
		MWH	COST	RATE	MWH	COST	RATE	MWH	соѕт	RATE
BRISTOL MEYERS SQUIBB	PEP	3.58	\$131.72	36.80	1.94	\$67.65	34.82	2.59	\$62.87	24.29
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$781.94	0.00	0.00	\$3,403.41	0.00	0.00	\$2,529.60	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	23.90	\$719.92	30.12	0.00	(\$57.39)	0.00	0.00	\$0.00	0.00
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.09	\$2.64	29.31	0.09	\$2.85	31.02	1.90	\$42.15	22.22
MONTCLAIR STATE UNIVERSITY	PEP	249.91	\$7,749.48	31.01	271.92	\$8,527.28	31.36	81.10	\$1,804.75	22.25
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	21.11	\$700.65	33.19	17.60	\$589.48	33.50	33.07	\$736.76	22.28
NJR - 160 RARITAN CENTER - 95115	PEP	18.32	\$603.24	32.93	15.09	\$514.05	34.06	27.49	\$601.27	21.88
NJR - 160 RARITAN CENTER - 95116	PEP	17.27	\$571.08	33.07	14.20	\$484.00	34.08	26.38	\$576.55	21.85
NJR - 255 BLAIR ROAD	PEP	37.60	\$1,244.89	33.11	31.41	\$1,058.99	33.72	56.06	\$1,225.92	21.87
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	32.38	\$1,066.21	32.93	25.66	\$895.63	34.90	47.17	\$1,009.95	21.41
PEERLESS BEVERAGE	PEP	2.93	\$100.43	34.28	2.36	\$91.35	0.00	4.56	\$103.47	22.67
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	10.58	\$349.33	33.02	11.11	\$374.37	33.71	9.39	\$226.96	24.17
PRINCETON UNIVERSITY	PEP	33.60	\$317.42	9.45	22.01	\$1,264.78	57.46	35.14	\$699.20	19.90
RED BURLINGTON	PEP	281.34	\$9,882.15	35.13	275.67	\$10,255.66	37.20	237.21	\$6,803.50	28.68
RUTGERS ECOCOMPLEX	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	30.62	\$1,009.26	32.96	24.06	\$818.63	34.03	44.63	\$965.59	21.64
UNIVERSITY of MEDICINE and DENTISTRY	PEP	0.00	(\$82.39)	0.00	0.00	\$0.13	31.28	9.77	\$238.63	24.44
WESTMONT (100 Johnson Avenue)	PEP	0.69	\$23.42	34.00	2.76	\$109.25	39.58	5.71	\$128.32	22.49
WESTMONT (500 Johnson Avenue)	PEP	1.48	\$50.59	34.14	0.00	\$0.00	0.00	0.00	\$0.00	0.00
WESTMONT (600 Johnson Avenue)	PEP	1.39	\$47.48	34.14	0.00	\$0.00	0.00	0.00	\$0.00	0.00
	Total	766.79	\$25,269.48	32.95	715.88	\$28,400.14	39.67	622.15	\$17,755.49	28.54

			Mar-17			Apr-17			May-17	
		MWH	COST	RATE	MWH	COST	RATE	MWH	cost	RATE
BRISTOL MEYERS SQUIBB	PEP	5.51	\$180.03	32.69	0.67	\$20.26	30.24	1.11	35.22	31.87
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
CINNAMON BAY	PEP	0.00	\$555.30	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	28.36	\$887.83	31.31	40.24	\$1,102.29	27.40	25.80	587.77	22.78
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
ENER-G GROUP, INC	PEP	3.80	\$109.24	28.78	2.50	\$64.16	25.64	0.26	4.71	17.99
MONTCLAIR STATE UNIVERSITY	PEP	154.26	\$4,505.91	29.21	55.41	\$1,442.05	26.03	109.87	2,680.95	24.40
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	38.25	\$1,136.49	29.71	60.32	\$1,473.35	24.42	69.06	2,001.85	28.99
NJR - 160 RARITAN CENTER - 95115	PEP	34.91	\$1,046.97	29.99	40.43	\$990.68	24.50	45.01	1,300.39	28.89
NJR - 160 RARITAN CENTER - 95116	PEP	31.47	\$942.15	29.94	38.60	\$925.32	23.98	43.16	1,246.78	28.89
NJR - 255 BLAIR ROAD	PEP	71.46	\$2,124.10	29.73	99.37	\$2,391.41	24.07	113.46	3,285.21	28.95
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	53.70	\$1,589.79	29.61	74.87	\$1,792.84	23.95	82.03	2,363.77	28.82
PEERLESS BEVERAGE	PEP	5.92	\$177.17	29.92	7.38	\$177.20	24.02	8.39	251.98	30.05
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	10.44	\$334.85	32.08	12.51	\$355.86	28.45	11.23	288.62	25.71
PRINCETON UNIVERSITY	PEP	174.44	\$835.46	4.79	15.88	\$5,371.60	338.33	0.00	486.63	0.00
RED BURLINGTON	PEP	263.10	\$8,816.40	33.51	223.22	\$6,746.63	30.22	181.99	5,911.71	32.48
RUTGERS ECOCOMPLEX	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
STC WOODBRIDGE SOLAR	PEP	52.60	\$1,549.62	29.46	73.73	\$1,741.57	23.62	80.79	2,336.97	28.93
UNIVERSITY of MEDICINE and DENTISTRY	PEP	125.58	\$3,888.49	30.96	22.35	\$664.17	29.72	25.32	648.41	25.61
WESTMONT (100 Johnson Avenue)	PEP	7.47	\$220.10	29.47	11.00	\$265.79	24.16	12.33	369.25	29.96
WESTMONT (500 Johnson Avenue)	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
WESTMONT (600 Johnson Avenue)	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	0.00	0.00
	Total	1,061.27	\$28,899.91	27.23	778.46	\$25,525.18	32.79	809.81	\$23,800.22	29.39

			Jun-17	Jun-17 Jul-17				Aug-17			
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE	
BRISTOL MEYERS SQUIBB	PEP	0.11	2.27	21.45	0.00	(0.05)	0.00	0.00	0.00	0.00	
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CINNAMON BAY	PEP	0.00	631.11	0.00	0.00	0.00	0.00	0.00	29.71	0.00	
COLLEGE OF NJ (TRENTON STATE)	PEP	32.73	768.06	23.47	22.70	415.46	18.30	23.19	305.82	13.19	
E. F. KENILWORTH	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ENER-G GROUP, INC	PEP	0.03	0.48	16.97	0.04	0.82	22.82	0.02	0.37	19.49	
MONTCLAIR STATE UNIVERSITY	PEP	51.98	1,085.10	20.88	17.72	387.07	21.85	23.65	488.18	20.65	
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	80.26	2,445.93	30.47	81.67	2,867.62	35.11	74.67	2,459.56	32.94	
NJR - 160 RARITAN CENTER - 95115	PEP	51.36	1,608.30	31.32	50.10	1,741.18	34.76	46.54	1,529.45	32.86	
NJR - 160 RARITAN CENTER - 95116	PEP	49.08	1,536.47	31.31	47.99	1,670.50	34.81	44.55	1,464.84	32.88	
NJR - 255 BLAIR ROAD	PEP	145.52	4,465.60	30.69	141.06	4,934.56	34.98	126.98	4,226.04	33.28	
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	95.27	2,935.55	30.81	92.49	3,161.23	34.18	84.78	2,678.90	31.60	
PEERLESS BEVERAGE	PEP	9.69	319.91	33.02	7.93	296.69	37.44	0.00	77.74	0.00	
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	14.01	380.90	27.19	6.12	186.47	30.47	0.00	9.85	0.00	
PRINCETON UNIVERSITY	PEP	23.67	0.00	0.00	12.59	766.04	60.85	6.40	343.18	53.63	
RED BURLINGTON	PEP	146.43	4,216.95	28.80	128.57	3,941.45	30.66	159.48	4,735.97	29.70	
RUTGERS ECOCOMPLEX	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SCHERING-UNION	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STC WOODBRIDGE SOLAR	PEP	94.56	2,975.02	31.46	92.55	3,263.04	35.26	85.57	2,871.95	33.56	
UNIVERSITY of MEDICINE and DENTISTRY	PEP	0.04	(94.42)	(2,360.44)	0.00	(0.40)	0.00	0.00	0.00	0.00	
WESTMONT (100 Johnson Avenue)	PEP	14.25	450.99	31.64	13.25	456.33	34.44	12.97	399.87	30.83	
WESTMONT (500 Johnson Avenue)	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
WESTMONT (600 Johnson Avenue)	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	808.98	\$23,728.22	29.33	714.77	\$24,088.02	33.70	688.79	\$21,621.42	31.39	

			Sep-17			Oct-17			Nov-17	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SQUIBB	PEP	0.00	0.00	0.00	2.08	67.18	32.31	5.00	138.69	27.74
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CINNAMON BAY	PEP	0.00	545.34	0.00	0.00	0.00	0.00	0.00	3,062.28	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	14.16	141.77	10.01	20.91	275.58	13.18	36.00	793.04	22.03
E. F. KENILWORTH	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENER-G GROUP, INC	PEP	1.04	16.29	15.69	2.39	47.21	19.78	6.00	136.70	22.78
MONTCLAIR STATE UNIVERSITY	PEP	11.94	178.46	14.94	22.93	456.89	19.93	99.00	2,496.06	25.21
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	60.86	1,832.32	30.11	42.70	1,484.36	34.76	30.00	840.11	28.00
NJR - 160 RARITAN CENTER - 95115	PEP	41.44	1,230.68	29.70	32.44	1,097.97	33.85	25.00	696.80	27.87
NJR - 160 RARITAN CENTER - 95116	PEP	39.53	1,177.87	29.80	30.83	1,049.41	34.04	24.00	659.69	27.49
NJR - 255 BLAIR ROAD	PEP	105.64	3,181.87	30.12	74.33	2,487.95	33.47	52.00	1,416.63	27.24
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	76.82	2,213.25	28.81	59.30	1,876.48	31.64	45.00	1,237.94	27.51
PEERLESS BEVERAGE	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRINCETON UNIVERSITY	PEP	0.57	190.56	334.90	6.84	8.76	1.28	7.00	206.83	29.55
RED BURLINGTON	PEP	172.77	4,876.05	28.22	165.05	6,031.93	36.55	162.00	5,483.79	33.85
RUTGERS ECOCOMPLEX	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SCHERING-UNION	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STC WOODBRIDGE SOLAR	PEP	72.77	2,233.82	30.70	54.81	1,925.90	35.14	42.00	1,136.42	27.06
UNIVERSITY of MEDICINE and DENTISTRY	PEP	4.27	101.16	23.69	12.63	253.04	20.03	185.00	4,945.77	26.73
WESTMONT (100 Johnson Avenue)	PEP	11.14	320.11	28.74	8.70	259.31	29.81	6.00	166.75	27.79
WESTMONT (500 Johnson Avenue)	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WESTMONT (600 Johnson Avenue)	PEP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	612.94	\$18,239.56	29.76	535.94	\$17,321.97	32.32	724.00	\$23,417.50	32.34

Schedule SS-NGC-3B PAGE 6 of 11

			Dec-17	
		MWH	COST	RATE
BRISTOL MEYERS SQUIBB	PEP	3.00	0.30	0.10
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	0.00	0.00
CINNAMON BAY	PEP	0.00	2,950.15	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	50.00	2,215.85	44.32
E. F. KENILWORTH	PEP	0.00	0.00	0.00
ENER-G GROUP, INC	PEP	5.00	212.79	42.56
MONTCLAIR STATE UNIVERSITY	PEP	166.00	7,855.35	47.32
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	18.00	860.93	47.83
NJR - 160 RARITAN CENTER - 95115	PEP	16.00	758.40	47.40
NJR - 160 RARITAN CENTER - 95116	PEP	15.00	711.84	47.46
NJR - 255 BLAIR ROAD	PEP	32.00	1,522.36	47.57
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	28.00	1,302.82	46.53
PEERLESS BEVERAGE	PEP	0.00	0.00	0.00
PRINCETON MEDICAL (NRG Thermal LLC)	PEP	0.00	0.00	0.00
PRINCETON UNIVERSITY	PEP	57.00	209.04	3.67
RED BURLINGTON	PEP	303.00	0.00	0.00
RUTGERS ECOCOMPLEX	PEP	0.00	14,963.20	0.00
SCHERING-UNION	PEP	0.00	0.00	0.00
STC WOODBRIDGE SOLAR	PEP	26.00	0.00	0.00
UNIVERSITY of MEDICINE and DENTISTRY	PEP	191.00	1,204.90	6.31
WESTMONT (100 Johnson Avenue)	PEP	3.00	8,505.84	2,835.28
WESTMONT (500 Johnson Avenue)	PEP	0.00	0.00	0.00
WESTMONT (600 Johnson Avenue)	PEP	0.00	0.00	0.00
	Total	913.00	\$43,273.77	47.40

Schedule SS-NGC-3B PAGE 7 OF 11

			Jan-18			Feb-18			Mar-18	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SOUIBB	PEP	1.00	\$197.34	197.34	1.00	\$18.89	18.89	2.00	\$54.66	27.33
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00		\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$10,953.77	0.00	0.00	\$12,625.09	0.00	0.00	\$2,191.48	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	54.00	\$4,556.34	84.38	32.00	\$819.47	25.61	29.00	\$678.81	23.41
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00		\$0.00	0.00
ENER-G GROUP, INC	PEP	0.00	\$3.67	0.00	0.00	\$2.17	0.00	0.00	\$1.34	0.00
MONTCLAIR STATE UNIVERSITY	PEP	130.00	\$11,543.65	88.80	13.00	\$301.53	23.19	54.00	\$1,311.48	24.29
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	24.00	\$1,594.49	66.44	26.00	\$670.05	25.77	35.00	\$896.92	25.63
NJR - 160 RARITAN CENTER - 95115	PEP	25.00	\$2,106.51	84.26	21.00	\$523.78	24.94	33.00	\$835.93	25.33
NJR - 160 RARITAN CENTER - 95116	PEP	23.00	\$1,994.41	86.71	19.00	\$495.40	26.07	31.00	\$806.15	26.00
NJR - 255 BLAIR ROAD	PEP	45.00	\$3,332.12	74.05	46.00	\$1,162.29	25.27	77.00	\$2,005.24	26.04
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	41.00	\$3,433.26	83.74	37.00	\$934.56	25.26	55.00	\$1,411.45	25.66
PEERLESS BEVERAGE	PEP	0.00	\$0.00	0.00	3.00	\$69.76	23.25	6.00	\$156.81	26.13
PRINCETON MEDICAL (NRG Thermal LLC)		0.00	\$0.00	0.00	0.00	\$912.48	0.00		\$0.08	0.00
PRINCETON UNIVERSITY	PEP	7.00	\$2,737.55	391.08	9.00	\$0.00	0.00	71.00	\$0.00	0.00
RED BURLINGTON	PEP	362.00	\$34,239.71	94.58	40.00	\$1,775.44	44.39	12.00	\$306.46	25.54
RUTGERS ECOCOMPLEX	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00		\$0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00		\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	38.00	\$3,258.65	85.75	35.00	\$888.66	25.39	54.00	\$1,395.65	25.85
UNIVERSITY of MEDICINE and DENTISTRY	PEP	40.00	\$1,383.44	34.59	1.00	\$25.39	25.39	36.00	\$940.45	26.12
WESTMONT (100, 500, 600 Johnson Avenue)	PEP	4.00	\$378.65	94.66	4.00	\$110.97	27.74	8.00	\$218.08	27.26
TOTAL	L	794	\$81,713.55	102.91	287	\$21,335.94	74.34	503	\$13,211.01	26.26

Schedule SS-NGC-3B PAGE 8 OF 11

			Apr-18			May-18			Jun-18	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SOUIBB	PEP	2.00	\$46.31	23.16	0.00	\$4.67	0.00	0.00	(\$0.01)	0.00
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$1,157.41	0.00	0.00	\$1,360.21	0.00	\$0.00	\$568.50	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	3.00	\$109.34	36.45	6.00	\$120.89	20.15	14.84	\$348.86	23.51
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.00	\$0.31	0.00	0.00	(\$0.01)	0.00	0.00	\$0.00	0.00
MONTCLAIR STATE UNIVERSITY	PEP	22.00	\$641.40	29.15	62.00	\$1,780.57	28.72	21.69	\$572.54	26.40
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	61.00	\$1,824.81	29.91	68.00	\$1,621.76	23.85	83.23	\$2,816.56	33.84
NJR - 160 RARITAN CENTER - 95115	PEP	41.00	\$1,210.53	29.53	43.00	\$1,020.23	23.73	50.41	\$1,720.11	34.12
NJR - 160 RARITAN CENTER - 95116	PEP	39.00	\$1,155.06	29.62	41.00	\$968.93	23.63	47.82	\$1,633.80	34.17
NJR - 255 BLAIR ROAD	PEP	107.00	\$3,212.86	30.03	115.00	\$2,762.01	24.02	142.34	\$4,761.82	33.45
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	75.00	\$2,247.11	29.96	80.00	\$1,901.28	23.77	94.48	\$3,111.54	32.93
PEERLESS BEVERAGE	PEP	8.00	\$251.93	31.49	6.00	\$162.99	27.16	9.93	\$291.58	29.36
PRINCETON MEDICAL (NRG Thermal LLC)		0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
PRINCETON UNIVERSITY	PEP	5.00	\$2,030.19	406.04	40.00	\$159.92	4.00	8.39	\$1,384.10	164.97
RED BURLINGTON	PEP	46.00	\$1,505.82	32.74	122.00	\$2,984.62	24.46	51.32	\$2,364.25	46.07
RUTGERS ECOCOMPLEX	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	75.00	\$2,227.53	29.70	79.00	\$1,857.97	23.52	92.06	\$3,238.92	35.18
UNIVERSITY of MEDICINE and DENTISTRY	PEP	24.00	\$722.42	30.10	0.00	(\$69.47)	0.00	0.00	(\$1.07)	0.00
WESTMONT (100, 500, 600 Johnson Avenue)	PEP	10.00	\$345.11	34.51	12.00	\$297.39	24.78	14.40	\$423.43	29.40
TOTAL	_	518	\$18,688.15	36.08	674	\$16,933.95	25.12	631	\$23,234.92	36.83

Schedule SS-NGC-3B PAGE 9 OF 11

			Jul-18			Aug-18			Sep-18	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SOUIBB	PEP	0.00	\$0.00	0.00	0.00	\$0.03	27.89	0.07	\$1.75	25.05
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$264.88	0.00	0.00	\$561.60	0.00	0.00	\$709.98	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	31.89	\$870.97	27.31	9.41	(\$68.30)	(7.26)	4.94	\$18.24	3.69
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.00	\$0.01	0.00	0.00	(\$0.01)	0.00	0.37	\$9.03	24.40
MONTCLAIR STATE UNIVERSITY	PEP	59.39	\$2,228.31	37.52	52.89	\$2,042.79	38.62	26.47	\$915.19	34.57
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	87.61	\$3,075.97	35.11	73.09	\$2,939.60	40.22	46.40	\$1,839.78	39.65
NJR - 160 RARITAN CENTER - 95115	PEP	51.92	\$1,830.32	35.25	43.06	\$1,731.41	40.21	28.43	\$1,125.73	39.60
NJR - 160 RARITAN CENTER - 95116	PEP	49.38	\$1,741.54	35.27	40.95	\$1,649.87	40.29	27.07	\$1,072.84	39.63
NJR - 255 BLAIR ROAD	PEP	153.90	\$5,364.48	34.86	126.47	\$5,020.03	39.69	77.01	\$3,113.70	40.43
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	94.26	\$3,323.68	35.26	80.70	\$3,129.65	38.78	52.04	\$2,017.96	38.78
PEERLESS BEVERAGE	PEP	9.85	\$352.92	35.83	8.46	\$335.21	39.65	5.21	\$207.60	39.85
PRINCETON MEDICAL (NRG Thermal LLC)		0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
PRINCETON UNIVERSITY	PEP	39.94	\$237.69	5.95	6.18	\$1,314.36	212.61	1.34	(\$0.08)	(0.06)
RED BURLINGTON	PEP	63.67	\$0.00	0.00	45.87	\$0.00	0.00	20.83	\$862.43	41.40
RUTGERS ECOCOMPLEX	PEP	0.00	\$2,145.16	0.00	0.00	\$1,660.33	0.00	0.00	\$0.00	0.00
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	94.78	\$0.00	0.00	79.33	\$0.00	0.00	50.89	\$2,099.23	41.25
UNIVERSITY of MEDICINE and DENTISTRY	PEP	0.00	\$3,396.79	0.00	0.00	\$3,213.79	0.00	0.00	\$0.00	0.00
WESTMONT (100, 500, 600 Johnson Avenue)	PEP	14.55	\$505.87	34.77	12.29	\$457.34	37.21	7.90	\$288.12	36.47
TOTAL		751	\$25,338.58	33.73	579	\$23,987.70	41.45	349	\$14,281.49	40.92

Schedule SS-NGC-3B PAGE 10 OF 11

			Oct-18			Nov-18			Dec-18	
		MWH	COST	RATE	MWH	COST	RATE	MWH	COST	RATE
BRISTOL MEYERS SOUIBB	PEP	3.93	\$119.31	30.36	4.26	\$133.97	31.45	7.81	\$245.32	31.41
CAMDEN COUNTY ENERGY RECOVERY	PEP	3.73	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$286.25	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	0.00	(\$48.05)	0.00	40.57	\$1,394.69	34.38	56.62	\$1,787,56	31.57
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.16	\$4.21	26.31	0.00	\$1.21	0.00	0.00	\$0.00	0.00
MONTCLAIR STATE UNIVERSITY	PEP	21.10	\$638.53	30.26	103.78	\$3,349.80	32.28	245.59	\$7,880.25	32.09
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	39.73	\$1,519.12	38.24	24.10	\$796.45	33.05	19.66	\$638.09	32.46
NJR - 160 RARITAN CENTER - 95115	PEP	27.84	\$1,052.43	37.80	19.87	\$662.50	33.34	16.36	\$501.49	30.65
NJR - 160 RARITAN CENTER - 95116	PEP	26.70	\$1,009.98	37.83	18.99	\$634.55	33.42	16.11	\$493.88	30.66
NJR - 255 BLAIR ROAD	PEP	66.70	\$2,555.77	38.32	43.05	\$1,435.27	33.34	35.18	\$1,086.45	30.88
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	51.21	\$1,890.31	36.91	35.09	\$1,172.53	33.41	29.88	\$904.53	30.27
PEERLESS BEVERAGE	PEP	4.79	\$179.89	37.56	3.20	\$114.52	35.79	2.75	\$92.12	33.50
PRINCETON MEDICAL (NRG Thermal LLC)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00	0.00
PRINCETON UNIVERSITY	PEP	6.32	\$32.89	5.20	0.00	\$215.69	0.00	0.00	\$0.00	0.00
RED BURLINGTON	PEP	74.33	\$2,301.66	30.97	124.36	\$4,542.98	36.53	113.75	\$4,654.16	40.92
RUTGERS ECOCOMPLEX	PEP	\$0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
SCHERING-UNION	PEP	\$0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	47.78	\$1,855.23	38.83	32.52	\$1,082.78	33.30	28.83	\$876.96	30.42
UNIVERSITY of MEDICINE and DENTISTRY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00	0.00	\$0.00	0.00
WESTMONT (100, 500, 600 Johnson Avenue)	PEP	7.84	\$277.94	35.45	4.77	\$171.63	35.98	3.93	\$128.54	32.71
TOTAL		378	\$13,675.48	36.14	455	\$15,708.56	34.56	576.47	19,289.36	33.46

Schedule SS-NGC-3B PAGE 11 OF 11

		ı	lan 40			Eab 40	
		MWH	Jan-19 COST	DATE	MWH	Feb-19 COST	DATE
		IVIVVH	COST	RATE	WWH	COST	RATE
BRISTOL MEYERS SQUIBB	PEP	4.46	\$153.02	34.31	5.09	\$130.70	25.68
CAMDEN COUNTY ENERGY RECOVERY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
CINNAMON BAY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
COLLEGE OF NJ (TRENTON STATE)	PEP	64.15	\$2,322.04	36.20	33.22	\$816.47	24.58
E. F. KENILWORTH	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
ENER-G GROUP, INC	PEP	0.00	\$0.00	0.00	0.10	\$2.53	25.33
MONTCLAIR STATE UNIVERSITY	PEP	290.71	\$10,391.30	35.74	99.45	\$2,494.90	25.09
NJR - 1250 SOUTH RIVER ROAD (SOLAR)	PEP	22.87	\$842.34	36.83	31.23	\$817.34	26.17
NJR - 160 RARITAN CENTER - 95115	PEP	20.26	\$744.96	36.77	27.29	\$762.75	27.95
NJR - 160 RARITAN CENTER - 95116	PEP	20.08	\$740.25	36.86	26.14	\$721.13	27.59
NJR - 255 BLAIR ROAD	PEP	42.67	\$1,568.27	36.75	56.86	\$1,518.83	26.71
NJR - 64 BRUNSWICK AVENUE - 95114	PEP	38.41	\$1,411.60	36.75	49.21	\$1,351.52	27.46
PEERLESS BEVERAGE	PEP	3.13	\$119.41	0.00	4.31	\$132.39	30.72
PRINCETON MEDICAL (NRG Thermal LLC)		0.00	\$0.00	0.00	0.00	\$0.00	0.00
PRINCETON UNIVERSITY	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
RED BURLINGTON	PEP	0.00	\$0.00		0.00	\$0.00	0.00
RUTGERS ECOCOMPLEX	PEP	96.54	\$4,203.50	43.54	162.64	\$3,946.34	24.26
SCHERING-UNION	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
STC WOODBRIDGE SOLAR	PEP	0.00	\$0.00	0.00	0.00	\$0.00	0.00
UNIVERSITY of MEDICINE and DENTISTRY	PEP	34.80	\$1,276.44	36.68	44.84	\$1,223.57	27.29
WESTMONT (100, 500, 600 Johnson Avenue)	PEP	4.70	\$180.37	38.38	6.08	\$192.86	31.72
TOTAL	_	642.78	23,953.50	37.27	546.46	14,111.32	25.82

PSE&G Non-Utility Generation Charge 2017 St. Lawrence Credit

2017 St. Lawrence Credit	January-16	February-16	March-16	April-16	May-16	June-16	July-16	August-16	September-16
Beginning Balance Prior Period Rollover	\$0 \$0	\$0 \$0	\$641,512 \$0	\$641,512 \$0	\$641,512 \$0	\$641,512 \$271,397	\$847,694 \$0	\$751,606 \$0	\$656,071 \$0
St. Lawrence Recovery from Customers (A)	\$0	\$0	\$0	\$0	\$0	(\$65,215)	(\$96,088)	(\$95,535)	(\$64,436)
St. Lawrence Expense (B)	\$0	\$0	\$0	\$0	\$0	0	0	0	0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	\$0	\$0	\$0	\$0	\$0	(\$65,215)	(\$96,088)	(\$95,535)	(\$64,436)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$641,512	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Accumulated Balance	\$0	\$641,512	\$641,512	\$641,512	\$641,512	\$847,694	\$751,606	\$656,071	\$591,635
Interest Rate Interest Expense/(Income)	1.28% \$0	1.28% \$202	1.28% \$405	1.28% \$405	1.28% \$405	1.28% \$555	1.28% \$505	1.27% \$441	1.27% \$391
Accumulated Interest Balance	\$0	\$202	\$607	\$1,012	\$1,417	\$1,972	\$2,477	\$2,917	\$3,308

PSE&G Non-Utility Generation Charge 2017 St. Lawrence Credit

Schedule SS-NGC-3C Page 2 of 2

2017 St. Lawrence Credit	October-16	November-16	December-16	January-17	February-17	March-17	April-17	May-17
Beginning Balance Prior Period Rollover	\$591,635 \$0	\$546,463 \$0	\$502,511 \$0	\$446,754 \$0	\$388,696 \$0	\$342,020 \$0	\$290,907 \$0	\$249,345 \$0
St. Lawrence Recovery from Customers (A)	(\$45,173)	(\$43,952)	(\$55,757)	(\$58,058)	(\$46,676)	(\$51,112)	(\$41,562)	(\$45,780)
St. Lawrence Expense (B)	0	0	0	0	0	0	0	0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	(\$45,173)	(\$43,952)	(\$55,757)	(\$58,058)	(\$46,676)	(\$51,112)	(\$41,562)	(\$45,780)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Accumulated Balance	\$546,463	\$502,511	\$446,754	\$388,696	\$342,020	\$290,907	\$249,345	\$203,566
Interest Rate	1.27%	1.27%	1.27%	1.27%	1.27%	1.27%	1.27%	1.27%
Interest Expense/(Income)	\$356	\$328	\$297	\$261	\$229	\$198	\$169	\$142
Accumulated Interest Balance	\$3,664	\$3,992	\$4,289	\$4,551	\$4,780	\$4,978	\$5,147	\$5,289

PSE&G Non-Utility Generation Charge 2018 St. Lawrence Credit

2018 St. Lawrence Credit	January-17	February-17	March-17	April-17	May-17	June-17	July-17	August-17	September-17	October-17
Beginning Balance Prior Period Rollover	\$0 \$0	\$0 \$0	\$237,795 \$0	\$237,795 \$0	\$237,795 \$0	\$237,795 \$208,854	\$397,365 \$0	\$333,112 \$0	\$279,563 \$0	\$236,306 \$0
St. Lawrence Recovery from Customers (A)	\$0	\$0	\$0	\$0	\$0	(\$49,284)	(\$64,253)	(\$53,549)	(\$43,256)	(\$32,848)
St. Lawrence Expense (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	\$0	\$0	\$0	\$0	\$0	(\$49,284)	(\$64,253)	(\$53,549)	(\$43,256)	(\$32,848)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$237,795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Accumulated Balance	\$0	\$237,795	\$237,795	\$237,795	\$237,795	\$397,365	\$333,112	\$279,563	\$236,306	\$203,458
Interest Rate Interest Expense/(Income)	1.27% \$0	1.27% \$74	1.27% \$149	1.27% \$149	1.27% \$149	1.27% \$264	1.27% \$229	1.94% \$293	1.94% \$247	1.94% \$210
Accumulated Interest Balance	\$0	\$74	\$223	\$372	\$521	\$785	\$1,014	\$1,307	\$1,553	\$1,764

PSE&G Non-Utility Generation Charge 2018 St. Lawrence Credit

SCHEDULE SS-NGC-3D Page 2 of 2

2018 St. Lawrence Credit	November-17	December-17	January-18	February-18	March-18	April-18	May-18
Beginning Balance Prior Period Rollover	\$203,458 \$0	\$170,188 \$0	\$127,789 \$0	\$82,123 \$0	\$47,525	\$10,260	(\$21,621)
St. Lawrence Recovery from Customers (A)	(\$33,270)	(\$42,399)	(\$45,665)	(\$34,598)	(\$37,264)	(\$31,881)	(\$35,489)
St. Lawrence Expense (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	(\$33,270)	(\$42,399)	(\$45,665)	(\$34,598)	(\$37,264)	(\$31,881)	(\$35,489)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Accumulated Balance	\$170,188	\$127,789	\$82,123	\$47,525	\$10,260	(\$21,621)	(\$57,110)
Interest Rate Interest Expense/(Income)	1.94% \$179	1.94% \$142	1.94% \$122	1.94% \$75	1.94% \$34	1.94% (\$7)	1.94% (\$46)
Accumulated Interest Balance	\$1,942	\$2,085	\$2,207	\$2,282	\$2,316	\$2,309	\$2,263

PSE&G Non-Utility Generation Charge 2019 St. Lawrence Credit SCHEDULE SS-NGC-3E Page 1 of 2

2019 St. Lawrence Credit	January-18	February-18	March-18	April-18	May-18	June-18
Beginning Balance	\$0	\$0	\$402,970	\$402,970	\$402,970	\$402,970
Prior Period Rollover	\$0	\$0	\$0	\$0	\$0	(\$54,847)
St. Lawrence Recovery from Customers (A)	\$0	\$0	\$0	\$0	\$0	(\$58,346)
St. Lawrence Expense (B)	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	\$0	\$0	\$0	\$0	\$0	(\$58,346)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$402,970	\$0	\$0	\$0	\$0
Accumulated Balance	\$0	\$402,970	\$402,970	\$402,970	\$402,970	\$289,778
Interest Rate	1.94%	1.94%	1.94%	1.94%	1.94%	1.94%
Interest Expense/(Income)	\$0	\$234	\$468	\$468	\$468	\$371
Accumulated Interest Balance	\$0	\$234	\$703	\$1,171	\$1,639	\$2,010

PSE&G Non-Utility Generation Charge 2019 St. Lawrence Credit

SCHEDULE SS-NGC-3E Page 2 of 2

2019 St. Lawrence Credit	July-18	August-18	September-18	October-18	November-18	December-18	January-19	February-19
Beginning Balance Prior Period Rollover	\$289,778 \$0	\$208,919 \$0	\$126,327 \$0	\$70,277 \$0	\$27,428 \$0	(\$13,761) \$0	(\$63,275) \$0	(\$117,019) \$0
St. Lawrence Recovery from Customers (A)	(\$80,859)	(\$82,592)	(\$56,050)	(\$42,849)	(\$41,189)	(\$49,515)	(\$53,744)	(\$44,254)
St. Lawrence Expense (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs (C) = (B)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
OVER/(UNDER) RECOVERY (D) = (A) - (C)	(\$80,859)	(\$82,592)	(\$56,050)	(\$42,849)	(\$41,189)	(\$49,515)	(\$53,744)	(\$44,254)
St Lawrence NYPA Annual Economic Benefit Allocation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Accumulated Balance Interest Rate Interest Expense/(Income)	\$208,919 1.94% \$290	\$126,327 3.27% \$328	\$70,277 3.27% \$193	\$27,428 3.27% \$96	(\$13,761) 3.27% \$13	(\$63,275) 3.27% (\$75)	(\$117,019) 3.27% (\$177)	(\$161,273) 3.27% (\$273)
Accumulated Interest Balance	\$2,300	\$2,628	\$2,821	\$2,916	\$2,930	\$2,854	\$2,678	\$2,405

PSE&G Non-Utility Generation Charge NGC Above Market Costs ELECTRIC

			Total Energy &	Above Market
	_	NGC Costs	Capacity	Costs
Sep-16	actual	\$19,119	\$13,176	\$5,943
Oct-16	actual	\$14,349	\$13,310	\$1,040
Nov-16	actual	\$17,563	\$18,766	(\$1,203)
Dec-16	actual	\$25,269	\$227,005	* (\$201,735)
Jan-17	actual	\$28,400	\$26,856	\$1,544
Feb-17	actual	\$17,755	\$17,885	(\$129)
Mar-17	actual	\$28,900	\$126,901	(\$98,001)
Apr-17	actual	\$25,525	\$29,362	(\$3,837)
May-17	actual	\$23,800	\$26,531	(\$2,731)
Jun-17	actual	\$23,728	\$22,407	\$1,321
Jul-17	actual	\$24,088	\$22,395	\$1,693
Aug-17	actual	\$21,621	\$19,022	\$2,599
Sep-17	actual	\$18,240	\$16,449	\$1,790
Oct-17	actual	\$17,322	\$15,439	\$1,883
Nov-17	actual	\$23,418	\$21,489	\$1,929
Dec-17	actual	\$43,274	\$42,791	\$483
Jan-18	actual	\$81,714	\$74,729	\$6,985
Feb-18	actual	\$21,336	\$9,639	\$11,697
Mar-18	actual	\$13,211	\$13,079	\$132
Apr-18	actual	\$18,688	\$20,056	(\$1,368)
May-18	actual	\$16,934	\$18,247	(\$1,313)
Jun-18	actual	\$23,235	\$17,302	\$5,933
Jul-18	actual	\$25,339	\$21,825	\$3,513
Aug-18	actual	\$23,988	\$19,493	\$4,495
Sep-18	actual	\$14,281	\$9,922	\$4,359
Oct-18	actual	\$13,676	\$11,322	\$2,354
Nov-18	actual	\$15,709	\$15,820	(\$112)
Dec-18	actual	\$19,289	\$18,950	\$340
Jan-19	actual	\$23,954	\$24,413	(\$459)
Feb-19	actual	\$14,111	\$14,295	(\$183)
Mar-19	estimate	\$13,211	\$13,079	\$132
Apr-19	estimate	\$18,688	\$0	\$18,688
May-19	estimate	\$16,934	\$0	\$16,934
Jun-19	estimate	\$23,235	\$0	\$23,235
Jul-19	estimate	\$25,339	\$0	\$25,339
Aug-19	estimate	\$23,988	\$0	\$23,988
Sep-19	estimate	\$14,281	\$0	\$14,281
Oct-19	estimate	\$13,676	\$0	\$13,676
Nov-19	estimate	\$15,709	\$0	\$15,709
Dec-19	estimate	\$19,289	\$0	\$19,289
Jan-20	estimate	\$23,954	\$0	\$23,954
Feb-20	estimate	\$14,111	\$0	\$14,111
Mar-20	estimate	\$13,211	\$0	\$13,211
Apr-20	estimate	\$18,688	\$0	\$18,688
May-20	estimate	\$16,934	\$0	\$16,934
Jun-20	estimate	\$23,235	\$0	\$23,235

^{*}Includes final Payment from Cinnamon Bay of \$200,000.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

Original Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs (\$0.000086)	Total
Amount per kilowatt-hour of cost recovery after application of losses:			
RS, RHS & RLM (Loss Factor =5.8327%) Other Secondary (Loss Factor =5.8327%) LPL Primary (Loss Factor =3.3153%) HTS Subtransmission (Loss Factor =2.0472%) HTS High Voltage & HTS Transmission (Loss Factor =0.8605%)	(\$ 0.000046)	(\$0.000091) (0.000091) (0.000089) (0.000088) (0.000087)	(\$0.000137) (0.000091) (0.000089) (0.000088) (0.000087)
Charges including New Jersey Sales and Use Tax (SUT)			
RS, RHS & RLM Other Secondary Service LPL Primary HTS Subtransmission HTS High Voltage & HTS Transmission	(\$ 0.000049)	(\$0.000097) (0.000097) (0.000095) (0.000094) (0.000093)	(\$0.000146) (0.000097) (0.000095) (0.000094) (0.000093)

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.

XXX Revised Sheet No. 60 Superseding XXX Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs \$0.000119	Total
Amount per kilowatt-hour of cost recovery after			
application of losses:			
RS, RHS & RLM (Loss Factor =5.8327%)	(\$ 0.000046)	\$0.000126	\$0.000080
Other Secondary (Loss Factor =5.8327%)		0.000126	0.000126
LPL Primary (Loss Factor =3.3153%)		0.000123	0.000123
HTS Subtransmission (Loss Factor =2.0472%)		0.000121	0.000121
HTS High Voltage & HTS Transmission		0.000400	0.000400
(Loss Factor =0.8605%)		0.000120	0.000120
Charges including New Jersey Sales and Use Tax (SUT)			
RS, RHS & RLM	(\$ 0.000049)	\$0.000134	\$0.000085
Other Secondary Service	,	0.000134	0.000134
LPL Primary		0.000131	0.000131
HTS Subtransmission		0.000129	0.000129
HTS High Voltage & HTS Transmission		0.000128	0.000128

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.

XXX Revised Sheet No. 60 Superseding XXX Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs (\$0.000086) \$0.000119	Total
Amount per kilowatt-hour of cost recovery after application of losses: RS, RHS & RLM (Loss Factor =5.8327%)		(\$0.000091)	(\$0.000137)
Other Secondary (Loss Factor =5.8327%)	(\$ 0.000046)	<u>\$0.000126</u> (0.000091) 0.000126	\$0.000080 (0.000091) 0.000126
LPL Primary (Loss Factor =3.3153%)		(0.00089) 0.000123	(0.000089) 0.000123
HTS Subtransmission (Loss Factor =2.0472%)		(0.000088) <u>0.000121</u>	(0.000088) 0.000121
HTS High Voltage & HTS Transmission (Loss Factor =0.8605%)		(0.00087) <u>0.000120</u>	(0.00087) <u>0.000120</u>
Charges including New Jersey Sales and Use Tax (SUT)			
RS, RHS & RLM Other Secondary Service	(\$ 0.000049)	(\$0.000097) \$0.000134 (0.000097) 0.000134	(\$0.000146) \$0.000085 (0.000097) 0.000134
LPL Primary		(0.000134 (0.00095) 0.000131	(0.000134 (0.000095) 0.000131
HTS Subtransmission		(0.000131 (0.00094) 0.000129	(0.000101) (0.000094) 0.000129
HTS High Voltage & HTS Transmission		(0.00093) <u>0.000128</u>	(0.00093) <u>0.000128</u>

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.

Interest at the two-year constant maturity treasury rate plus 60 basis points will be accrued monthly on any under- or over-recovered Non-utility Generation above market cost balances. This interest rate shall change each August 1.

Date of Issue:

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G

80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated

in Docket No.

TYPICAL RESIDENTIAL ELECTRIC BILL IMPACTS

The effect of the proposed change in the Non-Utility Generation Charge (NGC) on typical residential electric bills, if approved by the Board, is illustrated below:

	Residential Electric Service								
		Then Your	And Your						
If Your		Present	Proposed		And Your				
Monthly	And Your	Annual Bill	Annual Bill	Your Annual	Percent				
Summer	Annual kWhr	(1) Would	(2) Would	Bill Change	Change				
kWhr Use Is:	Use Is:	Be:	Be:	Would Be:	Would Be:				
185	1,732	\$357.80	\$358.24	\$0.44	0.12%				
370	3,464	656.08	656.88	0.80	0.12				
740	6,920	1,258.84	1,260.40	1.56	0.12				
803	7,800	1,413.30	1,415.10	1.80	0.13				
1,337	12,500	2,252.48	2,255.40	2.92	0.13				

⁽¹⁾ Based upon current Delivery Rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) charges in effect April 18, 2019 and assumes that the customer receives BGS-RSCP service from Public Service.

(2) Same as (1) except includes change in NGC.

Residential Electric Service								
		Then Your	And Your					
		Present	Proposed	Your				
	And Your	Monthly	Monthly	Monthly	And Your			
If Your	Monthly	Summer Bill	Summer	Summer Bill	Percent			
Annual kWhr	Summer	(3) Would	Bill (4)	Change	Change			
Use Is:	kWhr Use Is:	Be:	Would Be:	Would Be:	Would Be:			
1,732	185	\$37.25	\$37.30	\$0.05	0.13%			
3,464	370	69.56	69.64	0.08	0.12			
6,920	740	136.07	136.24	0.17	0.12			
7,800	803	147.93	148.12	0.19	0.13			
12,500	1,337	248.50	248.81	0.31	0.12			

⁽³⁾ Based upon current Delivery Rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) charges in effect April 18, 2019 and assumes that the customer receives BGS-RSCP service from Public Service

(4) Same as (3) except includes change in NGC.

NOTICE TO PUBLIC SERVICE ELECTRIC AND GAS COMPANY ELECTRIC CUSTOMERS

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF A CHANGE IN ITS ELECTRIC NON-UTILITY GENERATION CHARGE RATE

BPU Docket No. XXXXXXXXXX

Notice of a Filing And Notice of Public Hearings

TAKE NOTICE that, Public Service Electric and Gas Company ("Public Service", "the Company") filed a Petition with the New Jersey Board of Public Utilities ("Board", "BPU") in April 2019 requesting a resetting of the Company's Electric Non-utility Generation Charge ("NGC"). If approved, this filing would increase rates to be paid by the Company's electric customers by \$8.93 million annually. These changes are the result of adjustments in the electric NGC (which recovers Non-utility Generation above market costs). The proposed electric NGC charge, if approved by the Board, is shown in Table # 1.

The approximate effect of the proposed increase on typical electric residential monthly bills, if approved by the Board, is illustrated in Table # 2.

Based on the filing, a typical residential electric customer using 740 kilowatt-hours per summer month and 6,920 kilowatt-hours on an annual basis would see an increase in the annual bill from \$1,258.84 to \$1,260.40, or \$1.56 or approximately 0.12%.

Any rate adjustments with resulting changes in bill impacts found by the Board to be just and reasonable as the result of the Company's filing may be modified and/or allocated by the Board in accordance with the

provisions of $\underline{\text{N.J.S.A}}$ 48:2-21 and for other good and legally sufficient reasons to any class or classes of customers of the Company. Therefore, the described charges may increase or decrease based upon the Board's decision.

Copies of the Company's filing are available for review at the Company's Customer Service Centers (addresses located here:

https://nj.pseg.com/customerservicelocations), online at the PSEG website at

http://www.pseg.com/pseandgfilings, and at the Board of Public Utilities at 44 South Clinton Avenue, 2nd Floor, Trenton, New Jersey 08625-0350. Any member of the public who wants to inspect the petition at the Board may contact the Board's Division of Case Management at (609) 292-0806 to schedule an appointment.

The following dates, times and locations for public hearings have been scheduled on the Company's filing so that members of the public may present their views. Information provided at the public hearings will become part of the record of this case and will be considered by the Board in making its decision.

 Date 1, 2019
 Date 2, 2019
 Date 3, 2019

 Time 1
 Time 2
 Time 3

 Location 1
 Location 2
 Location 3

Location 1 Overflow Location 2 Overflow Location 3 Overflow

Room 1 Room 2 Room 3

Room 1 Overflow Room 2 Overflow Room 3 Overflow

 Address 1
 Address 2
 Address 3

 City 1, N.J. Zip 1
 City 2, N.J. Zip 2
 City 3, N.J. Zip 3

In order to encourage full participation in this opportunity for public comment, please submit any requests for needed accommodations, including interpreters, listening devices or mobility assistance, 48 hours prior to the above hearings.

Customers may also file written comments with the Secretary of the Board of Public Utilities at 44 South Clinton Avenue, 3rd Floor, Suite 314, P.O. Box 350, Trenton, New Jersey, 08625-0350 ATTN: Secretary Aida Camacho-Welch whether or not they attend the public hearings.

Table # 1 NGC Charge

Electric Tariff Rates		neration above t costs	Total Non-Utility Generation Charge		
Voltage (Rate Schedule)	Present \$/kWhr (Incl. SUT)	Proposed \$/kWhr (Incl. SUT)	Present \$/kWhr (Incl. SUT)	Proposed \$/kWhr (Incl. SUT)	
Secondary (RS, RHS, & RLM)	(\$0.000097)	\$0.000134	(\$0.000146)	\$0.000085	
Secondary (WH, WHS, HS, GLP, LPL-S, BPL, BPL-POF, PSAL)	(0.000097)	0.000134	(0.000097)	0.000134	
Primary (LPL-P)	(0.000095)	0.000131	(0.000095)	0.000131	
Subtransmission (HTS-S)	(0.000094)	0.000129	(0.000094)	0.000129	
High Voltage (HTS-HV)	(0.000093)	0.000128	(0.000093)	0.000128	

Table #2
Residential Electric Service

	And Your	Then Your	And Your	Your Monthly	And Your
	Monthly	Present Monthly	Proposed	Summer Bill	Monthly Percent
If Your Annual	Summer kWhr	Summer Bill (1)	Monthly Summer	Change Would	Change
kWhr Use Is:	Use Is:	Would Be:	Bill (2) Would Be:	Be:	Would Be:
1,732	185	\$37.25	\$37.30	\$0.05	0.13%
3,464	370	69.56	69.64	0.08	0.12
6,920	740	136.07	136.68	0.17	0.12
7,800	803	147.93	148.12	0.19	0.13
12,500	1,337	248.50	248.81	0.31	0.12

⁽¹⁾ Based upon current Delivery Rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) charges in effect April 18, 2019 and assumes that the customer receives BGS-RSCP service from Public Service.

(2) Same as (1) except includes the proposed change in NGC.

Matthew Weissman, Esq. General State Regulatory Counsel

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

STATE OF NEW JERSEY OFFICE OF ADMINSTRATIVE LAW

IN THE MATTER OF THE PETITION OF)	
PUBLIC SERVICE ELECTRIC AND GAS)	STIPULATION REGARDING
COMPANY FOR APPROVAL OF A)	PROVISIONAL RATES
CHANGE IN ITS ELECTRIC NON-UTILITY)	DOCKET NO
GENERATION CHARGE RATE)	

APPEARANCES:

Matthew M. Weissman, General State Regulatory Counsel, and Joseph A. Shea, Associate General Regulatory Counsel, for the Petitioner, Public Service Electric and Gas Company

Ami Morita, Assistant Deputy Rate Counsel, New Jersey for the Division of Rate Counsel (Stefanie A. Brand, Director)

Alex Moreau and Emma Xiao, Deputy Attorneys General, for the Staff of the New Jersey Board of Public Utilities (Gurbir S. Grewal, Attorney General of New Jersey)

STIPULATION OF SETTLEMENT

- 1. On April 26, 2019, Public Service Electric and Gas Company (the "Company") filed a petition with the New Jersey Board of Public Utilities (the "Board") seeking approval of changes to its electric Non-utility Generation Charge ("NGC").
- 2. The Non-Utility Generation above market costs component of the Company's NGC represent the difference between the amounts by which actual non-utility generation ("NUG") payments are different from the market value of that power.
- 3. The filed-for rate change per the April 2019 petition proposed for the electric NGC was designed to increase revenue requirements by \$8.93 million for electric customers on an annual basis beginning on July 1, 2019. However, because the underrecovery is continuing to grow as a result of the current rate being set as a credit, the Company is proposing that until the parties have the opportunity to review the Company's April 2019 filing, the NGC rate be set to \$0.000000 per kilowatt-hour (kWh) without New Jersey Sales and Use Tax (SUT) effective July

- 1, 2019. If the rate is temporarily set to \$0.000000/kWh, the annual bill impact on a typical residential electric customer that uses 740 kilowatt-hours during a summer month and 6,920 kilowatt-hours annually would be an increase of \$0.68, or approximately 0.05%, based upon current delivery rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) in effect April 18, 2019, assuming that the customer receives BGS-RSCP service from PSE&G.
- 4. At the conclusion of the parties' review of the Company's proposal, the Board can set new rates as appropriate.
- 5. Attached hereto as Exhibit A is the current tariff page as well as a draft redline and clean tariff page setting forth the proposed provisional electric NGC rate of \$0.000000/kWh without losses or SUT.
- 6. The Parties recommend that the Board issue an Order approving this Stipulation of Settlement ("Settlement") without modification, with the rate modifications set forth herein effective for service rendered on and after July 1, 2019 to be effective until which time the parties have an opportunity to review the current filing and set new NGC rates.
- 7. The Parties agree that this Settlement was negotiated and agreed to in its entirety with each section being mutually dependent on approval of all other sections. Therefore, if the Board modifies any of the terms of this Settlement, each Party is given the option, before implementation of any different rate or terms in this case, to accept the change or to resume the proceeding as if no agreement had been reached. If these proceedings are resumed, each Party is given the right to return to the position it was in before this Settlement was executed.
- 8. The undersigned Parties hereby agree that this Settlement has been made exclusively for the purpose of this proceeding and that this Settlement, in total or by specific

item, is in no way binding upon them in any other proceeding, except to enforce the terms of this

Settlement.	
PUBLIC SERVICE ELECTRIC AND GAS COMPANY	STEFANIE A. BRAND, DIRECTOR DIVISION OF RATE COUNSEL
By: Matthew M. Weissman General State Regulatory Counsel	By: Ami Morita Managing Attorney - Electric
DATED:	DATED:
GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY ATTORNEY FOR THE STAFF OF THE BOARD OF PUBLIC UTILITIES	
By: Emma Xiao Deputy Attorney General DATED:	

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

Original Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs (\$0.000086)	Total
Amount per kilowatt-hour of cost recovery after application of losses: RS, RHS & RLM (Loss Factor =5.8327%) Other Secondary (Loss Factor =5.8327%) LPL Primary (Loss Factor =3.3153%) HTS Subtransmission (Loss Factor =2.0472%)	(\$ 0.000046)	(\$0.000091) (0.000091) (0.000089) (0.000088)	(\$0.000137) (0.000091) (0.000089) (0.000088)
HTS High Voltage & HTS Transmission (Loss Factor =0.8605%) Charges including New Jarsey Sales and Use Tay		(0.000087)	(0.000087)
Charges including New Jersey Sales and Use Tax (SUT) RS, RHS & RLM Other Secondary Service LPL Primary HTS Subtransmission HTS High Voltage & HTS Transmission	(\$ 0.000049)	(\$0.000097) (0.000097) (0.000095) (0.000094) (0.000093)	(\$0.000146) (0.000097) (0.000095) (0.000094) (0.000093)

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.

XXX Revised Sheet No. 60 Superseding XXX Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs (\$0.000086) \$0.000000	Total
Amount per kilowatt-hour of cost recovery after application of losses: RS, RHS & RLM (Loss Factor =5.8327%)		(\$0.000091)	(\$0.000137)
NO, NITO & NEW (2003 Factor = 3.0027 70)	(\$ 0.000046)	\$0.000000	(\$0.00046)
Other Secondary (Loss Factor =5.8327%)	(+ ,	(0.000091)	(0.000091)
		0.000000	0.000000
LPL Primary (Loss Factor =3.3153%)		(0.000089)	(0.000089)
HTS Subtransmission (Loss Factor =2.0472%)		<u>0.000000</u> (0.00088)	<u>0.000000</u> (0.00088)
HTS High Voltage & HTS Transmission (Loss Factor =0.8605%)		0.000000 (0.000087) 0.000000	<u>0.000000</u> (0.00087) <u>0.00000</u>
Charges including New Jersey Sales and Use Tax (SUT)			
	(\$)	(\$0.000097)	(\$0.000146)
RS, RHS & RLM	(\$ 0.000049)	\$0.000000 (0.000007)	(\$0.000049) (0.000007)
Other Secondary Service		(0.000097) 0.000000	(0.00097) 0.00000
LPL Primary		(0.000000)	(0.00000)
		0.000000	0.00000
HTS Subtransmission		(0.00094)	(0.00094)
LITOUR LAVE OUTO T		0.000000	0.000000
HTS High Voltage & HTS Transmission		(0.000093)	(0.000093)
		<u>0.000000</u>	<u>0.000000</u>

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.

Interest at the two-year constant maturity treasury rate plus 60 basis points will be accrued monthly on any under- or over-recovered Non-utility Generation above market cost balances. This interest rate shall change each August 1.

Date of Issue: Effective:

XXX Revised Sheet No. 60 Superseding XXX Sheet No. 60

NON-UTILITY GENERATION CHARGE

Cost Recovery (per kilowatt-hour)

Total Cost per kilowatt-hour	St Lawrence NYPA Credit RS, RHS and RLM	Non-Utility Generation above market costs \$0.000000	Total
Amount per kilowatt-hour of cost recovery after application of losses: RS, RHS & RLM (Loss Factor =5.8327%) Other Secondary (Loss Factor =5.8327%) LPL Primary (Loss Factor =3.3153%) HTS Subtransmission (Loss Factor =2.0472%) HTS High Voltage & HTS Transmission (Loss Factor =0.8605%)	(\$ 0.000046)	\$0.000000 0.000000 0.000000 0.000000	(\$0.000046) 0.000000 0.000000 0.000000
Charges including New Jersey Sales and Use Tax (SUT)			
RS, RHS & RLM Other Secondary Service LPL Primary HTS Subtransmission HTS High Voltage & HTS Transmission	(\$ 0.000049)	\$0.000000 0.000000 0.000000 0.000000 0.000000	(\$0.00049) 0.000000 0.000000 0.000000 0.000000

NON-UTILITY GENERATION CHARGE

This mechanism is designed to insure recovery of costs associated with activities that are required to be accomplished to achieve specific public policy determinations mandated by Government. This charge shall recover: 1) above market costs associated with non-regulated generation costs which are related to long-term contractual power purchase arrangements approved by the Board and/or established under requirements of the Public Utility Regulatory Policies Act of 1978 and 2) other generation costs as may be approved by the Board. Actual costs incurred by the Company will be subject to deferred accounting. The St. Lawrence New York Power Authority (NYPA) Annual Benefit Allocation credit reflects the annual Economic Benefit allocation for New Jersey's investor owned utilities to supply residential customers' load.