

STATE OF NEW JERSEY Board of Public Utilities 44 South Clinton Avenue, 9th Floor Post Office Box 350 Trenton, New Jersey 08625-0350 www.nj.gov/bpu/

ENERGY AND CLEAN ENERGY

IN THE MATTER OF THE PETITION OF PUBLIC)	ORDER APPROVING
SERVICE ELECTRIC & GAS COMPANY FOR	·)	STIPULATION
APPROVAL OF ITS CLEAN ENERGY FUTURE-)	
ENERGY EFFICIENCY ("CEF-EE") PROGRAM ON A) .	DOCKET NOS. GO18101112
REGULATED BASIS)	& EO18101113

Parties of Record:

Stefanie A. Brand, Esq., Director, New Jersey Division of Rate Counsel
Matthew M. Weissman, Esq., PSEG Services Corporation
Daniel Greenhouse, Esq., Eastern Environmental Law Center
Laura Solomon, Esq., Laura Solomon and Associates for Keystone Energy Efficiency Alliance
Steven S. Goldenberg, Esq., Giordano, Halleran & Ciesla, P.C. for New Jersey Large Energy
Users Coalition

BY THE BOARD:

On October 11, 2018, Public Service Electric and Gas Company ("PSE&G" or "Company") filed a petition with the New Jersey Board of Public Utilities ("Board" or "BPU") requesting approval of its Clean Energy Future — Energy Efficiency Program ("CEF-EE"). By this Order, the Board considers a stipulation of settlement ("Stipulation") executed by PSE&G, Board Staff ("Staff"), the New Jersey Division of Rate Counsel ("Rate Counsel"), the Eastern Environmental Law Center ("EELC"), the Keystone Energy Efficiency Alliance ("KEEA"), and the New Jersey Large Energy Users Coalition ("NJLEUC") (collectively, "Signatory Parties") that addresses several issues in this matter.

For the reasons noted herein, the Board authorizes the Company to continue and extend four (4) of its current PSE&G Energy Efficiency 2017 ("EE 2017") Program offerings under the terms set forth herein and to recover the incremental costs associated with the extended programs utilizing the existing cost recovery and rate design methodology for the EE 2017 Program.

BACKGROUND

On January 13, 2008, <u>L.</u> 2007, <u>c.</u> 340 ("RGGI Act") was signed into law based on the New Jersey Legislature's findings that energy efficiency ("EE") and conservation measures must be essential elements of the state's energy future and that greater reliance on EE and conservation

will provide significant benefits to the citizens of New Jersey. The Legislature also found that public utility involvement and competition in the conservation and EE industries are essential to maximize efficiencies. N.J.S.A. 26:2C-45.

Pursuant to Section 13 of the RGGI Act, codified as N.J.S.A. 48:3-98.1(a)(1), an electric or gas public utility may, among other things, provide and invest in EE and conservation programs in its service territory on a regulated basis. Such investment in EE and conservation programs may be eligible for rate treatment approved by the Board, including a return on equity, or other incentives or rate mechanisms that decouple utility revenue from sales of electricity and gas. N.J.S.A. 48:3-98.1(b). Ratemaking treatment may include placing appropriate technology and program cost investments in the utility's rate base, or recovering the utility's technology and program costs through another ratemaking methodology approved by the Board. An electric or gas utility seeking cost recovery for any EE and conservation programs pursuant to N.J.S.A. 48:3-98.1 must file a petition with the Board.

On May 23, 2018, Governor Murphy signed P.L. 2018, c. 17, codified at N.J.S.A. 48:3-51 to -87, into law ("Clean Energy Act"), effective immediately. Among other items, the Clean Energy Act mandated that the Board require each electric public utility "to achieve annual reductions in the use of electricity of two (2) percent of the average annual usage in the prior three (3) years within five (5) years of implementation of its electric energy efficiency program" and each gas public utility "to achieve annual reductions in the use of natural gas of 0.75 percent (0.75%) of the average annual usage in the prior three (3) years within five (5) years of implementation of its gas energy efficiency program." N.J.S.A. 48:3-87.9(a). The Clean Energy Act states that each utility shall file an annual petition to demonstrate compliance with the EE and peak demand programs required by the Clean Energy Act, compliance with targets established pursuant to the Act, and for cost recovery of the programs. N.J.S.A. 48:3-87.9(e)(1).

Procedural History

On December 16, 2008, the Board issued an Order¹ authorizing PSE&G to implement its Carbon Abatement Program, which included five (5) sub-programs: (1) Residential Whole House Efficiency; (2) Residential Programmable Thermostat Installation; (3) Small Business Direct Install; (4) Large Business Best Practices and Technology Demonstration Pilot; and (5) Hospital Efficiency.

On July 16, 2009, the Board issued an Order² authorizing PSE&G to implement eight (8) EE sub-programs as part of its Energy Efficiency Economic Stimulus Program ("EEE Program"): (1) Residential Whole House Efficiency Sub-Program; (2) Residential Multi-Family Housing Sub-Program; (3) Small Business Direct Install Sub-Program; (4) Municipal/Local/State Government Direct Install Sub-Program; (5) Hospital Efficiency Sub-Program; (6) Data Center Efficiency Sub-Program; (7) Building Commissioning/O&M Sub-Program; and (8) Technology Demonstration Sub-Program.

¹ In the Matter of the Petition of Public Service Electric and Gas Company Offering a Carbon Abatement Program in Its Service Territory on a Regulated Basis and Associated Cost Recovery Mechanism Pursuant to N.J.S.A. 48:3-98.1, BPU Docket No. EO08060426 (December 16, 2008).

² In the Matter of the Petition of Public Service Electric and Gas Company Offering an Energy Efficiency Economic Stimulus Program in Its Service Territory on a Regulated Basis and Associated Cost Recovery Mechanism Pursuant to N.J.S.A. 48:3-98.1, BPU Docket No. EO09010058 (July 16, 2009).

By Order dated July 14, 2011³, the Board authorized PSE&G to extend three (3) of its eight (8) sub-programs: (1) Residential Multi-Family Housing; (2) Municipal/Local/State Government Direct Install; and (3) Hospital Efficiency ("EEE Extension Sub-Programs"). On April 16, 2015⁴ ("April 2015 Order"), the Board authorized PSE&G to further extend the three (3) sub-programs approved in the July 2011 Order ("EEE Extension II").

By Order dated August 25, 2017⁵, in its approval of the Company's Energy Efficiency 2017 Program ("EE 2017 Program"), the Board authorized PSE&G to extend the EEE Extension Sub-Programs for two (2) years. The Board further authorized the Company to implement a Smart Thermostat Sub-Program and a Residential Data Analytics Smart Pilot Sub-Program. The Company stipulated that it would terminate the Direct Install Sub-Program at the end of the two (2)-year program term.

October 2018 Filing

On May 3, 2018, PSE&G met with Staff and Rate Counsel for a pre-filing meeting, as required by the May 2008 Order, to discuss the Company's potential filings. On September 26, 2018, PSE&G filed for approval of its CEF-EE Program along with its Clean Energy Future – Electric Vehicle and Energy Storage ("CEF-EVES") and Clean Energy Future – Energy Cloud ("CEF-EC") Programs. Staff requested that PSE&G file the three (3) programs in separate petitions.

On October 11, 2018, PSE&G filed the instant petition with the Board, which addresses only the CEF-EE Program request. By way of a letter dated November 14, 2018 ("Deficiency Letter"), Staff informed the Company that it found the CEF-EE petition to be administratively deficient with respect to the minimum filing requirements for EE, renewable energy, and conservation programs, as set forth in the Board's May 12, 2008 Order and amended through an Order issued on October 20, 2017. In response to Staff's Deficiency Letter, the Company filed supplemental information on January 7, 2019. On January 9, 2019, Staff advised PSE&G that the CEF-EE petition was administratively complete as of January 7, 2019.

In the CEF-EE filing, the Company sought approval to implement 22 sub-programs, including seven (7) residential sub-programs, seven (7) commercial and industrial ("C&I") sub-programs, and eight (8) pilot sub-programs (collectively, "2018 EE Programs"). The CEF-EE residential sub-programs would, among other initiatives, promote the purchase and installation of high-efficiency appliances through rebates and on-bill incentives; provide customers with energy audits and installation of EE measures; educate residential builders and developers on energy

⁴ In the Matter of the Petition of Public Service Electric and Gas Company to Continue Its Energy Efficiency Economic Extension Program on a Regulated Basis ("EEE Extension II"), BPU Docket No. EO14080897 (April 16, 2015).

⁵ In the Matter of the Petition of Public Service Electric and Gas Company for Approval of its Energy Efficiency 2017 Program and Recovery of Associated Costs ("EE 2017 Program"), BPU Docket No. EO17030196 (August 23, 2017).

³ In the Matter of the Petition of Public Service Electric and Gas Company for an Extension of Three Sub-Components of Its Energy Efficiency Economic Stimulus Program in Its Service Territory on a Regulated Basis and Associated Cost Recovery and for Changes in the Tariff for Electric Service, B.P.U.N.J. No. 15 Electric and the Tariff for Gas Service, B.P.U.N.J. No. 15 Gas, Pursuant to N.J.S.A. 48:2-21, 48:2-21.1, and N.J.S.A. 48:3-98.1, BPU Docket No. EO11010030 (July 14, 2011).

⁶ In the Matter of Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources, and Offering Class I Renewable Energy Programs in their Respective Service Territories on a Regulated Basis Pursuant to N.J.S.A. 48:3-98.1 – Minimum Filing Requirements, BPU Docket No. QO17091004 (October 20, 2017).

efficient home design and construction; and educate kindergarten through 12th grade students on EE. The CEF-EE C&I sub-programs would, among other activities, promote the installation of energy efficient equipment; advance efficient design and equipment installation for new buildings; optimize energy consumption in existing buildings; and upgrade all of PSE&G's existing high-pressure sodium cobra head streetlights to more efficient light emitting diode ("LED") streetlights. Lastly, the CEF-EE pilot sub-programs would consist of PSE&G implementing and managing select, highly advanced approaches to EE that, after the conclusion of the pilot phase, might support future EE programs in New Jersey. The total proposed investment for the 2018 EE Programs was approximately \$2.8 billion, including \$2.5 billion for investment and approximately \$283 million in administrative costs over the proposed six (6) year term of the program, with a proposed 15 year amortization period for residential and C&I program investments. The proposed 2018 EE Programs would include \$86.2 million for information technology ("IT") build investments and \$28.9 million for IT run costs. PSE&G proposed to recover costs associated with the 2018 EE Programs via a new CEF-EE Program component ("CEF-EEC") of the Company's electric and gas Green Programs Recovery Charge ("GPRC"), which would be filed annually after the proposed initial period, which the Company proposed to begin upon Board approval of the CEF-EE Program. PSE&G proposed to earn a return on its net investment based on its most recent weighted average cost of capital ("WACC"). In addition, the Company requested Board approval of a decoupling mechanism for recovering lost revenues, the Green Enabling Mechanism ("GEM"). The GEM would provide for the recovery or refund of the difference between actual revenue and the level of "allowed" revenue per customer established in the most recently completed base rate case. Under the CEF-EE program proposal, following a one (1)-year transition period, PSE&G would become the exclusive provider of Board-regulated EE programs in its service territory, with the New Jersey Office of Clean Energy ("OCE") providing oversight, standard setting, and policymaking after the transition.

By Order dated October 29, 2018⁷, the Board designated Commissioner Dianne Solomon as Presiding Commissioner, authorized to rule on all motions that arise during the pendency of the CEF-EE proceeding and modify any schedules that may be set as necessary to secure a just and expeditious determination of the issues. The Board directed that any entities seeking to intervene or participate in this matter file the appropriate application with the Board by November 16, 2018. Moreover, to enable the Board to effectively and efficiently carry out its mandate under N.J.S.A. 48:3-98.1 and to allow for development of a complete record, the Board authorized Commissioner Solomon to render decisions on stipulations, pursuant to N.J.S.A. 48:2-21.3, extending the 180-day review period, if submitted, provided that the stipulation extending the time period is executed by all parties to the proceeding. The authority so delegated was limited to extensions that do not collectively exceed 180 days, with any further request for extensions to be directed to the Board.

By November 16, 2018, nine (9) entities filed to intervene, and six (6) entities filed to participate. Specifically, New Jersey Natural Gas Company; NJLEUC; Tendril Networks, Inc. ("Tendril"); Direct Energy, representing five (5) affiliated third party energy supplier companies, including Direct Energy Business, LLC, Direct Energy Business Marketing, LLC, Direct Energy Services, LLC, Gateway Energy Services Corporation, NJR Retail Services Company, Centrica Business Solutions, NRG Energy, Inc. ("NRG") and Just Energy Group, Inc. ("Just Energy") (collectively,

⁷ In the Matter of the Petition of Public Service Electric & Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 & EO18101113 (October 29, 2018).

"Market Participants")⁸; EELC, on behalf of Environment New Jersey, Sierra Club, Environmental Defense Fund, New Jersey League of Conservation Voters, and Natural Resources Defense Council; Enel X North America, Inc. ("Enel X"); KEEA; MaGrann Associates; and Sunrun, Inc. ("Sunrun") moved to intervene. Atlantic City Electric Company ("ACE"); Jersey Central Power & Light Company ("JCP&L"); Rockland Electric Company ("RECO"); Google, LLC ("Google"); Lime Energy Co. ("Lime Energy"); and Signify (formerly Philips Lighting North America Corporation) moved to participate.

Commissioner Solomon issued a Prehearing Order on January 22, 2019⁹ ("Prehearing Order") that established the issues to be determined by the Board, set forth a procedural schedule, granted intervener status to the NJLEUC and the EELC, and granted participant status to the remaining movants, with the exception of KEEA.

On January 29, 2019, Sunrun moved for reconsideration of the Prehearing Order insofar as it denied Sunrun intervener status. On the same date, the Market Participants moved for interlocutory review of the Prehearing Order insofar as it denied the Market Participants intervener status. Both entities argued that their interests as competitors in the EE field could only be adequately represented by themselves. On February 1 and February 8, 2019, PSE&G filed opposition to the Market Participants' motion and to Sunrun's motion, respectively.

On February 5, 2019, Sunrun requested that the Board consider its motion for reconsideration as a motion for interlocutory review.

On February 8, 2019, KEEA advised Staff that, as of that date, it was represented by an attorney licensed to practice in New Jersey.

On February 27, 2019, the Board issued an Order¹⁰ denying the motions of the Market Participants and Sunrun and granting KEEA's motion to intervene.

On March 8, 2019, the Market Participants filed for reconsideration of the Board's February 27, 2019 Order insofar as it granted the Market Participants' motion for interlocutory review and affirmed the Prehearing Order, which denied the Market Participants' motion to intervene and instead granted the Market Participants participant status. The Market Participants set forth several additional reasons and arguments for the Board to consider in support of their intervention. On March 18, 2019, PSE&G filed its opposition to the motion. On March 25, 2019, the Market Participants filed a letter in response to PSE&G's opposition. On April 18, 2019, the Board authorized a Secretary's Letter advising the parties that, pursuant to N.J.A.C. 14:1-8.7, the Board would take additional time to consider the motion.

⁹ In the Matter of the Petition of Public Service Electric & Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 & EO18101113 (January 22, 2019).

⁸ On November 16, 2018, Direct Energy and Centrica Business Solutions filed a motion to intervene. On December 6, 2018, Direct Energy filed a supplemental motion that joined NRG and Just Energy in the original request to intervene on the same grounds as the original moving parties.

¹⁰ In the Matter of the Petition of Public Service Electric & Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 & EO18101113 (February 27, 2019).

Following appropriate notice, six (6) public hearings on the Company's petition were held on the following dates in PSE&G's service territory: two (2) hearings on March 13, 2019 in New Brunswick, two (2) hearings on March 18, 2019 in Mount Holly, and two (2) hearings on March 21, 2019 in Hackensack.

Rate Counsel, Staff, and the EELC served approximately 235 discovery questions, to which the Company responded. Discovery conferences were held on March 6 and March 14, 2019.

With its petition, PSE&G filed the direct testimonies of Ms. Karen Reif, PSE&G Vice President, Renewables and Energy Solutions; Mr. Steven Swetz, PSE&G Senior Director, Corporate Rates and Revenue Requirements; and Daniel Hansen, PhD, Vice President, Christensen Associates Energy Consulting, LLC. PSE&G's Supplemental Filing on January 4, 2019 included the supplemental direct testimony of Ms. Reif.

On March 22, 2019, pursuant to the schedule set forth in the Prehearing Order, Rate Counsel filed the direct testimonies of Mr. Dante Mugrace, Senior Consultant, PCMG and Associates; David E. Dismukes, PhD, Consulting Economist, Acadian Consulting Group, LLC, and Ezra Hausman, PhD, President, Ezra Hausman Consulting. The EELC filed the direct testimony of Ms. Amanda Levin.

The Parties participated in settlement conferences on March 25 and April 9, 2019.

On April 15, 2019, PSE&G filed the rebuttal testimony of Ms. Reif, Mr. Swetz, and Dr. Hansen, as well as the rebuttal testimony of a new witness, Mr. Isaac Gabel-Frank. Rate Counsel filed the rebuttal testimony of Dr. Dismukes, and EELC filed the rebuttal testimony of Ms. Levin.

Evidentiary hearings were held on May 1 and 2, 2019 at the Office of Administrative Law in Mercerville, New Jersey, before Commissioner Solomon. The parties introduced their respective pre-filed testimonies and exhibits, all discovery responses were moved into evidence, and, in accordance with the Prehearing Order, Rate Counsel witnesses Hausman, Mugrace, and Dismukes and EELC witness Levin presented oral sur-rebuttal testimony, and witnesses were cross-examined.

By May 17, 2019, initial briefs were submitted by the following parties and participants: PSE&G, Rate Counsel, NJLEUC, EELC, Enel X, ACE, the Market Participants, Google, Lime Energy, Signify, Sunrun, Tendril, and Staff. On May 29, 2019, reply briefs were submitted by the following parties and participants: PSE&G, Rate Counsel, EELC, Google, and Sunrun.

The Parties participated in additional settlement discussions on June 18 and July 15, 2019.

On June 19, 2019, the Parties entered into a stipulation to extend the review period to August 19, 2019 to allow more time for review of the proposed CEF-EE program by the Board. On June 27, 2019, Commissioner Solomon issued an Order¹¹ adopting the stipulation and extending the review period to August 19, 2019.

¹¹ In the Matter of the Petition of Public Service Electric & Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 & EO18101113 (June 27, 2019).

On August 6, 2019, the Parties entered into a stipulation to further extend the review period to allow more time for settlement discussions. On August 12, 2019, Commissioner Solomon issued an Order adopting the stipulation and extending the review period from August 19, 2019 to September 18, 2019. 12

STIPULATION

On September 9, 2019, the Parties executed a Stipulation, ¹³ whose relevant terms are shown below:

- 13. In recognition of the fact that the BPU and Board Staff are currently engaged in an energy efficiency stakeholder process to implement the Clean Energy Act, N.J.S.A. 48:3-87.9, the Parties hereby agree to further extend the 180-day period for Board action on the Company's CEF-EE Program from September 18, 2019 until no later than March 16, 2020. In the event that prior to March 16, 2020, the BPU directs the state's gas and electric utilities to file for approval of energy efficiency programs pursuant to the Clean Energy Act, the Company will make the appropriate filing. The 180-day period for Board action pursuant to N.J.S.A. 48:3-98.1 shall commence upon the date of the Company's filing if Staff deems that the filing is administratively complete or upon the date the Company files any additional information required by Staff for administrative completeness. In the interim, the Parties will continue to discuss resolution of the CEF-EE Program and may enter into either a final resolution of the CEF-EE Program or additional, interim agreements.
- 14. The Parties agree that PSE&G may, at this time, extend its current EE 2017 Program for one year with an additional \$32.995 million of expenditures, as set forth in the table below in the column labeled "Incremental EE 2017 Expenditures." The incremental expenditures will be added to the existing EE 2017 component of the Green Programs Recovery Charge ("GPRC"). Revenue requirements associated with the incremental expenditures will be recovered through the EE 2017 component of the Company's annual GPRC filings. See Attachment A to the Stipulation for the revenue requirements, bill impacts, and fixed administrative allowance schedule for the EE 2017 Program, including both the incremental and updated, cumulative EE 2017 expenditures set forth in the table below. The EE 2017 minimum filing and reporting requirements will include the projects and associated benefits related to the incremental expenditures. Thus, for reporting and cost recovery purposes, the EE 2017 Program will consist of and reflect the total expenditures set forth in the column labeled "Updated EE 2017 Expenditures" in the following table:

¹² In the Matter of the Petition of Public Service Electric & Gas Company for Approval of Its Clean Energy Future – Energy Efficiency ("CEF-EE") Program on a Regulated Basis, BPU Docket Nos. GO18101112 & EO18101113 (August 12, 2019).

¹³ Although described at some length in this Order, should there be any conflict between this summary and the Stipulation, the terms of the Stipulation control, subject to the findings and conclusions contained in this Order. Each paragraph is numbered to coincide with the paragraphs of the Stipulation.

EE 2017 Sub-Program Component (\$Millions)	Original EE 2017 Expenditures	Incremental EE 2017 Expenditures	Updated EE 2017 Expenditures
Multifamily Housing Sub- Program	\$20.0	\$10.0	\$30.0
Direct Install Sub-Program	\$15.0	\$0.0	\$15.0
Hospital Efficiency Sub- Program	\$25.0	\$12.5	\$37.5
Smart Thermostat Sub- Program	\$6.5	\$3.25	\$9.75
Residential Data Analytics Pilot Sub-Program	\$2.5	\$1.25	\$3.75
Program Investment	\$69.0	\$27.0	\$96.0
Fixed Administrative Allowance	\$13.8	\$5.52	\$19.32
Evaluation (Outside Contractor)	\$0.7	\$0.475	\$1.175
IT System Enhancement Costs for Smart Thermostat ¹⁴	\$1.3	\$0.0	\$1.3
IT Residential Data Analytics	\$0.3	\$0.0	\$0.3
Total	\$85.1	\$32.995	\$118.095

The Parties' agreement set forth in this paragraph to extend certain of PSE&G's current energy efficiency programs shall not be considered a limitation upon the Board's authority, at a future date, to approve any specific energy efficiency program proposed by PSE&G in its CEF-EE filing or otherwise.

- 15. PSE&G agrees that Information Technology ("IT") costs associated with the continuation of the Smart Thermostat sub-program shall remain subject to the amount agreed to in the August 23, 2017 BPU Order approving the EE 2017 Program. The IT expenditures will remain subject to prudency review in annual cost recovery filings.
- 16. The Parties agree that the extension of the Multifamily Housing, Hospital Efficiency, Smart Thermostat, and Residential Data Analytics Pilot sub-programs are in the public interest. The Parties agree and that PSE&G should be permitted to continue implementing and administering these regulated utility services under the terms set forth in the Board's August 23, 2017 Order authorizing PSE&G to implement the EE 2017 Program (and the stipulation of settlement that Order approved), with the exception of the following modifications:
 - Capital investment associated with the Smart Thermostat and Data Analytics subprograms shall be completed no later than 12 months from the date of a written BPU Order approving the Stipulation;

¹⁴ See Paragraph 15 of the Stipulation.

b. Capital investment associated with the Hospital and Multi-Family sub-programs shall be limited to those customers who have signed a Master Customer Agreement within 12 months of the date of a written BPU Order approving the Stipulation;

- c. The initial rebate incentive for smart thermostats shall be set at \$125 per device. The Company shall be allowed to modify this incentive in response to market conditions, but it shall not be higher than \$150 per device. The Company shall provide written notice to Board Staff and Rate Counsel within 30 days of making any modification to the incentive amount;
- d. The incremental investment associated with the Residential Data Analytics subprogram shall be used to serve residential PSE&G customers not currently being served by the sub-program, subject to the amount set forth above.
- 17. As set forth in Paragraph 19 of the BPU-approved stipulation of settlement of the EE 2017 Program, PSE&G will perform Impact Evaluations and Process Evaluations for each of the EE 2017 sub-programs. The results of such evaluations, together with all supporting data, analyses and workpapers, will be provided to Board Staff and Rate Counsel in accordance with the following schedule: (1) PSE&G assessments and analyses for projects will continue to be provided annually on or before December 31st of each year of the EE 2017 Program, inclusive of the incremental investment set forth in the Stipulation; (2) independent third-party evaluations and supporting materials for projects associated with the original EE 2017 Program expenditures will be provided consistent with Paragraph 19 of the Board's August 23, 2017 Order; and (3) independent third-party evaluations and supporting materials for projects associated with the incremental investment set forth in the Stipulation will be provided within 12 months of the conclusion of each sub-program. The Parties agree that to the extent the Company requires an extension of time for submittal of evaluations, the Company will advise Board Staff and Rate Counsel no later than 30 days prior to the due date so that a mutually acceptable date for submittal can be agreed upon.
- 18. The Parties agree that, for purposes of efficient sub-program continuation and cost effectiveness, PSE&G may continue to utilize the vendors it is presently using to implement the EE 2017 sub-programs.
- 19. PSE&G will recover the net revenue requirements associated with the incremental expenditures described in the table above consistent with the existing cost recovery and rate design methodology for the EE 2017 Program, as approved by the BPU in its August 23, 2017 Order authorizing the Company to implement the EE 2017 Program and as shown in Attachment A to the Stipulation. The Parties agree that as a result of the Stipulation, there will be no immediate change to the Company's electric or gas GPRC.

DISCUSSION AND FINDINGS

In the months leading up to the date of this filing, two (2) significant policy shifts occurred. Governor Murphy ordered the Board and several executive branch agencies to begin work on a 2019 Energy Master Plan ("EMP") that would "provide a comprehensive blueprint for the total

conversion of the State's energy production profile to 100% clean energy sources on or before January 1, 2050, and shall further provide specific proposals to be implemented over the next 10 years in order to achieve the January 1, 2050 goal." Executive Order 28, ¶ 3. The draft EMP was released in June 2019 and is currently open to stakeholder input on the draft. It is expected to be released in December 2019.

Additionally, and on the same date, Governor Murphy signed into law the Clean Energy Act, which sets forth ambitious goals to advance energy efficiency in the state. By May 2019, the Board completed a study regarding the potential for reduction in energy usage and peak demand in the state and adopted preliminary quantitative performance indicators to establish utility targets for these reductions. The Board is currently soliciting stakeholder feedback and reviewing options and best practices on such topics as program administration, filing and reporting requirements, utility targets, funding and cost recovery, incentive/penalty structures, and evaluation, measurement, and verification. The Board has and will continue to maintain a central role in the implementation of changes to energy efficiency law and policy. In light of these recent changes, a cautious and incremental approach to the introduction of new utility-run programs best supports the transitions under way.

The Board, having carefully reviewed the record in this matter, including the CEF-EE petition and the Stipulation, HEREBY FINDS the Stipulation to be reasonable, in the public interest, and in accordance with law. Accordingly, the Board HEREBY APPROVES the attached Stipulation in its entirety and HEREBY INCORPORATES its terms and conditions as though fully stated herein. The Board APPROVES the extension of the 180-day period for Board action on the Company's CEF-EE Program from September 18, 2019 until no later than March 16, 2020. This extension of the 180-day period allows the parties to continue discussions while also recognizing that the Board and Staff are currently engaged in an energy efficiency stakeholder process to implement the Clean Energy Act. The Board AUTHORIZES the Company to extend its Multifamily Housing Sub-Program through September 21, 2020, with an investment budget cap of \$10.0 million, a seven (7)-year amortization period, and the same return on the net investment that was approved in the Company's most recent base rate case. The Board AUTHORIZES the Company to extend its Hospital Efficiency Sub-Program through September 21, 2020, with an investment budget cap of \$12.5 million, a seven (7)-year amortization period, and the same return on the net investment that was approved in the Company's most recent base rate case. The Board AUTHORIZES the Company to extend its Smart Thermostat Sub-Program through September 21, 2020, with an investment budget cap of \$3.25 million, a seven (7)-year amortization period, and the same return on the net investment that was approved in the Company's most recent base rate case. The Board also AUTHORIZES the Company to extend its Residential Data Analytics Sub-Program through September 21, 2020, with an investment budget cap of \$1.25 million, a seven (7)-year amortization period, and the same return on the net investment that was approved in the Company's most recent base case. The Board FURTHER REAFFIRMS that the Company shall terminate its existing Direct Install Sub-Program by October 31, 2019.

The Board <u>HEREBY RATIFIES</u> the decisions made by Commissioner Solomon during the pendency of this proceeding up to the present, for the reasons stated in her decisions and Orders.

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

The effective date of this Order is September 21, 2019.

DATED: 9/11/19

BOARD OF PUBLIC UTILITIES

BY:

PRESIDENT

COMMISSIONER

COMMISSIONER

UPENDRA J. CHIVUKULA

COMMISSIONER

COMMISSIONER

ATTEST:

SECRETARY

I HEREBY CENTIFY that the within document is a true copy of the original in the files of the Board of Public Utilities.

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF ITS CLEAN ENERGY FUTURE – ENERGY EFFICIENCY ("CEF-EE") PROGRAM ON A REGULATED BASIS

BPU DOCKET NOS. GO18101112 & EO18101113

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September 9, 2019

IN THE MATTER OF THE PETITION OF PUBLIC SERVICE ELECTRIC AND GAS COMPANY FOR APPROVAL OF ITS CLEAN ENERGY FUTURE-ENERGY EFFICIENCY ("CEF-EE") PROGRAM ON A REGULATED BASIS

BPU Docket No. GO18101112 and EO18101113

VIA ELECTRONIC & 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:

Attached please find the fully executed Stipulation (of which 10 copies are enclosed) in the above-referenced matter. All the parties have signed the Stipulation: Public Service Electric and Gas Company, the Staff of the New Jersey Board of Public Utilities, the New Jersey Division of Rate Counsel, New Jersey Large Energy Users Coalition, Eastern Environmental and Keystone EE Alliance.

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

Respectfully submitted,

matter Wesom

Attach.

Commissioner Dianne Solomon (via overnight delivery)
Service List (via e-mail)

Public Service Electric and Gas Company CEF-EE GO18101112 and EO18101113

* Hard Copy

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STATE OF NEW JERSEY BOARD OF PUBLIC UTILITIES

IN THE MATTER OF THE PETITION OF) STIPULATION OF
PUBLIC SERVICE ELECTRIC AND GAS) SETTLEMENT
COMPANY FOR APPROVAL OF ITS)
CLEAN ENERGY FUTURE-ENERGY EFFICIENCY) BPU Docket Nos. GO18101112 and
PROGRAM ON A REGULATED BASIS) EO18101113

APPEARANCES:

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Laura N. Solomon, Esq., Laura Solomon and Associates for the Keystone Energy Efficiency Alliance

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It is hereby AGREED, by and between Public Service Electric and Gas Company ("PSE&G" or the "Company"), the Staff of the New Jersey Board of Public Utilities ("Board Staff"), the New Jersey Division of Rate Counsel "(Rate Counsel"), the Keystone Energy Efficiency Alliance ("KEEA"), the Environmental Advocates, and the New Jersey Large Energy Users Coalition ("NJLEUC") (collectively referred to herein as the "Parties") to execute this Stipulation of Settlement ("Stipulation") to continue and extend the current PSE&G Energy Efficiency 2017 ("EE 2017")

Program offerings with the modifications set forth herein; recover the incremental costs associated with the extended programs described herein utilizing the existing cost recovery and rate design methodology for the EE 2017 Program; and extend the time for the New Jersey Board of Public Utilities ("BPU" or the "Board") action on the Company's Clean Energy Future – Energy Efficiency ("CEF-EE") Program while the Board continues to engage in the energy efficiency stakeholder process pursuant to the Clean Energy Act, N.J.S.A. 48:3-87.9.

The Parties do hereby join in recommending that the Board issue an Interim Decision and Order approving this Stipulation.

BACKGROUND

- 1. Pursuant to N.J.S.A. 48:3-98.1 et seq. and the Board's May 12, 2008 Order in Docket No. E008030164, on May 3, 2018, PSE&G, Board Staff, and Rate Counsel held a 30-day pre-filing meeting to discuss the CEF-EE Program and its proposed cost recovery mechanism.
- 2. On October 11, 2018, PSE&G filed its Petition with the Board requesting approval of the CEF-EE Program and associated rate recovery mechanism pursuant to N.J.S.A. 48:3-98.1 et seq. The CEF-EE Program seeks to expand PSE&G's energy efficiency offerings in its service territory.
- Commissioner Dianne Solomon was designated as the presiding officer by Board Order dated October 29, 2018. See Order Designating Commissioner, October 29, 2018.
- 4. After the Company made a supplemental filing on January 7, 2019, Board Staff notified PSE&G by letter dated January 9, 2019 that it had reviewed the Petition and determined it was administratively complete. Therefore, the Board's 180-day review period under N.J.S.A. 48:3-98.1 commenced on January 7, 2019, with an expiration date of July 6, 2019.

¹ Decision, I/M/O Electric Public Utilities and Gas Public Utilities Offering Energy Efficiency and Conservation Programs, Investing in Class I Renewable Energy Resources, And Offering Class I Renewable Energy Programs In Their Respective Service Territories on a Regulated Basis Pursuant to N.J.S.A. 48:3-98.1, BPU Docket No. E008030164 (May 12, 2008) (the "May 2008 Order").

- 5. Commissioner Solomon entered a procedural schedule by Order dated January 22, 2019.

 See Prehearing Order Setting Procedural Schedule and Ruling on Motions to Participate and Intervene.
- 6. Public notice was provided and six (6) public hearings were held on the CEF-EE Program on the following dates at three (3) locations in PSE&G's service territory: two (2) hearings on March 13, 2019 in New Brunswick, New Jersey; two (2) hearings on March 18, 2019 in Mt. Holly, New Jersey; and two (2) hearings on March 21, 2019 in Hackensack, New Jersey. A total of 62 members of the public made statements at the public hearings, the majority of whom commented in support of the CEF-EE Program. Two (2) members of the public expressed concerns regarding the CEF-EE Program's impact on the competitive energy efficiency market.
- 7. The Company, Rate Counsel, and the Environmental Advocates pre-filed direct and rebuttal testimony of their witnesses. Discovery questions were propounded by Board Staff, Rate Counsel, the Environmental Advocates, and the Company, and PSE&G, Rate Counsel, and the Environmental Advocates responded thereto.
- 8. Discovery conferences were held on March 6 and 14, 2019. Settlement conferences were held on March 25, April 9, June 18, and July 15, 2019.
- 9. Evidentiary hearings were conducted on May 1 and 2, 2019 before Commissioner Solomon. During the evidentiary hearings, PSE&G, Rate Counsel, and the Environmental Advocates introduced their respective pre-filed testimonies and exhibits, all discovery responses were moved into evidence, Rate Counsel witnesses presented sur-rebuttal testimony, and witnesses were cross-examined. Initial post-hearing briefs were submitted on May 17, 2019 and reply briefs on May 29, 2019.
- 10. By Order dated June 27, 2019, Commissioner Solomon approved the Parties' Stipulation to Extend the 180-Day Period for Decision pursuant to N.J.S.A. 48:3-98.1 by 45 days, from July 6, 2019 until August 19, 2019.

- 11. By Order dated August 12, 2019, Commissioner Solomon approved the Parties' Stipulation to further Extend the 180-Day Period for Decision pursuant to N.J.S.A. 48:3-98.1 by 30 days, from August 19, 2019 until September 18, 2019.
- 12. Following further settlement discussions, the Parties agreed to submit this Stipulation, the terms of which are set forth below. Specifically, the Parties hereby STIPULATE AND AGREE to the following:

STIPULATED MATTERS

- 13. In recognition of the fact that the BPU and Board Staff are currently engaged in an energy efficiency stakeholder process to implement the Clean Energy Act, N.J.S.A. 48:3-87.9, the Parties hereby agree to further extend the 180-day period for Board action on the Company's CEF-EE Program from September 18, 2019 until no later than March 16, 2020. In the event that prior to March 16, 2020, the BPU directs the State's gas and electric utilities to file for approval of energy efficiency programs pursuant to the Clean Energy Act, the Company will make the appropriate filing. The 180-day period for Board action pursuant to N.J.S.A. 48:3-98.1 shall commence upon the date of the Company's filing if Staff deems that the filing is administratively complete or upon the date the Company files any additional information required by Staff for administrative completeness. In the interim, the Parties will continue to discuss resolution of the CEF-EE Program, and may enter into either a final resolution of the CEF-EE Program or additional, interim agreements.
- 14. The Parties agree that PSE&G may, at this time, extend its current EE 2017 Program for one year with an additional \$32.995 million of expenditures, as set forth in the table below in the column labeled "Incremental EE 2017 Expenditures." The incremental expenditures will be added to the existing EE 2017 component of the Green Programs Recovery Charge ("GPRC"). Revenue requirements associated with the incremental expenditures will be recovered through the EE 2017

component of the Company's annual GPRC filings. See Attachment A to this Stipulation for the revenue requirements, bill impacts, and fixed administrative allowance schedule for the EE 2017 Program, including both the incremental and updated, cumulative EE 2017 expenditures set forth in the table below. The EE 2017 minimum filing and reporting requirements will include the projects and associated benefits related to the incremental expenditures. Thus, for reporting and cost recovery purposes, the EE 2017 Program will consist of and reflect the total expenditures set forth in the column labeled "Updated EE 2017 Expenditures" in the following table:

EE 2017 Sub-Program Component (\$Millions)	Original EE 2017 Expenditures	Incremental EE 2017 Expenditures	Updated EE 2017 Expenditures
Multifamily Housing Sub- Program	\$20.0	\$10.0	\$30.0
Direct Install Sub-Program	· \$15.0	\$0.0	\$15.0
Hospital Efficiency Sub- Program	\$25.0	\$12.5	\$37.5
Smart Thermostat Sub- Program	\$6.5	\$3.25	\$9.75
Residential Data Analytics Pilot Sub-Program	\$2.5	\$1.25	\$3.75
Program Investment	\$69.0	\$27.0	\$96.0
Fixed Administrative Allowance	\$13.8	\$5.52	\$19.32
Evaluation (Outside Contractor)	\$0.7	\$0.475	\$1.175
IT System Enhancement Costs for Smart Thermostat ²	\$1.3	\$0.0	\$1.3
IT Residential Data Analytics	\$0.3	\$0.0	\$0.3
Total	\$85.1	\$32.995	\$118.095

The Parties' agreement set forth in this paragraph to extend certain of PSE&G's current energy efficiency programs shall not be considered a limitation upon the Board's authority, at a future

² See Paragraph 15 of this Stipulation.

date, to approve any specific energy efficiency program proposed by PSE&G in its CEF-EE filing or otherwise.

- 15. PSE&G agrees that Information Technology ("IT") costs associated with the continuation of the Smart Thermostat sub-program shall remain subject to the amount agreed to in the August 23, 2017 BPU Order approving the EE 2017 Program. The IT expenditures will remain subject to prudency review in annual cost recovery filings.
- The Parties agree that the extension of the Multifamily Housing, Hospital Efficiency, Smart Thermostat, and Residential Data Analytics Pilot sub-programs are in the public interest. The Parties agree and that PSE&G should be permitted to continue implementing and administering these regulated utility services under the terms set forth in the Board's August 23, 2017 Order authorizing PSE&G to implement the EE 2017 Program (and the stipulation of settlement that Order approved), with the exception of the following modifications:
 - a. Capital investment associated with the Smart Thermostat and Data Analytics sub-programs shall be completed no later than 12 months from the date of a written BPU Order approving this Stipulation;
 - b. Capital investment associated with the Hospital and Multi-Family sub-programs shall be limited to those customers who have signed a Master Customer Agreement within 12 months of the date of a written BPU Order approving this Stipulation;
 - c. The initial rebate incentive for smart thermostats shall be set at \$125 per device. The Company shall be allowed to modify this incentive in response to market conditions, but it shall not be higher than \$150 per device. The Company shall provide written notice to Board Staff and Rate Counsel within 30 days of making any modification to the incentive amount;
 - d. The incremental investment associated with the Residential Data Analytics sub-program shall be used to serve residential PSE&G customers not currently being served by the sub-program, subject to the amount set forth above.

- 17. As set forth in Paragraph 19 of the BPU-approved stipulation of settlement of the EE 2017 Program, PSE&G will perform Impact Evaluations and Process Evaluations for each of the EE 2017 sub-programs. The results of such evaluations, together with all supporting data, analyses and workpapers, will be provided to Board Staff and Rate Counsel in accordance with the following schedule: (1) PSE&G assessments and analyses for projects will continue to be provided annually on or before December 31st of each year of the EE 2017 Program, inclusive of the incremental investment set forth in this Stipulation; (2) independent third-party evaluations and supporting materials for projects associated with the original EE 2017 Program expenditures will be provided consistent with Paragraph 19 of the Board's August 23, 2017 Order; and (3) independent third-party evaluations and supporting materials for projects associated with the incremental investment set forth in this Stipulation will be provided within 12 months of the conclusion of each sub-program. The Parties agree that to the extent the Company requires an extension of time for submittal of evaluations, the Company will advise Board Staff and Rate Counsel no later than 30 days prior to the due date so that a mutually acceptable date for submittal can be agreed upon.
- 18. The Parties agree that, for purposes of efficient sub-program continuation and cost effectiveness, PSE&G may continue to utilize the vendors it is presently using to implement the EE 2017 sub-programs.
- 19. PSE&G will recover the net revenue requirements associated with the incremental expenditures described in the table above consistent with the existing cost recovery and rate design methodology for the EE 2017 Program, as approved by the BPU in its August 23, 2017 Order authorizing the Company to implement the EE 2017 Program and as shown in Attachment A to this Stipulation. The Parties agree that as a result of the Stipulation, there will be no immediate change to the Company's electric or gas GPRC.

- 20. This Stipulation represents a mutual balancing of interests, contains interdependent provisions and, therefore, is intended to be accepted and approved in its entirety. In the event any particular aspect of this Stipulation is not accepted and approved in its entirety by the Board, any Party aggrieved thereby shall not be bound to proceed with this Stipulation and shall have the right to litigate all issues addressed herein to a conclusion. More particularly, in the event this Stipulation is not adopted in its entirety by the Board, in any applicable Order, then any Party hereto is free to pursue its then available legal remedies with respect to all issues addressed in this Stipulation as though this Stipulation had not been signed.
- 21. It is the intent of the Parties that the provisions hereof be approved by the Board as being in the public interest. The Parties further agree that they consider the Stipulation to be binding on them for all purposes herein.
- 22. It is specifically understood and agreed that this Stipulation represents a negotiated agreement and has been made exclusively for the purpose of these proceedings. Except as expressly provided herein, the Parties shall not be deemed to have approved, agreed to, or consented to any principle or methodology underlying or supposed to underlie any agreement provided herein, in total or by specific item. The Parties further agree that this Stipulation is in no way binding upon them in any other proceeding, except to enforce the terms of this Stipulation.

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities	PUBLIC SERVICE ELECTRIC AND GAS COMPANY
By: Emma Yao Xiao, Esq. Deputy Attorney General	By: Matthew Weissman, Esq. General State Regulatory Counsel
Dated: September <u>6</u> , 2019	Dated: September, 2019
DIVISION OF RATE COUNSEL STEFANIE A. BRAND, DIRECTOR	NEW JERSEY LARGE ENERGY USERS
By: Alicia Thomas-Friel, Bsq. Deputy Rate Counsel	By: Steven Goldenberg, Esq. Giordano Hallerah & Cicsla, P.A.
Dated: September 6, 2019	Dated: September 2019
EASTERN ENVIRONMENTAL LAW CENTER	KEYSTONE EE ALLIANCE
By: Aaron Kleinbaum, Esq. Daniel Greenhouse, Esq. Eastern Environmental Law Center	By: Laura N. Solomon, Esq. Laura Solomon and Associates
Dated: September 6, 2019	Dated: September, 2019

GURBIR S. GREWAL ATTORNEY GENERAL OF NEW JERSEY Attorney for the Staff of the New Jersey Board of Public Utilities	PUBLIC SERVICE ELECTRIC AND GAS COMPANY
By: Emma Yao Xiao, Esq. Deputy Attorney General	By: Matthew M. Weissman, Esq. General State Regulatory Counsel
Dated: September, 2019	Dated: September, 2019
DIVISION OF RATE COUNSEL STEFANIE A. BRAND, DIRECTOR	NEW JERSEY LARGE ENERGY USERS
By: Felicia Thomas-Friel, Esq. Deputy Rate Counsel	By: Steven Goldenberg, Esq. Giordano Halleran & Ciesla, P.A.
Dated: September, 2019	Dated: September, 2019
EASTERN ENVIRONMENTAL LAW CENTER	KEYSTONE EE ALLIANCE
By: Aaron Kleinbaum, Esq. Daniel Greenhouse, Esq. Eastern Environmental Law Center	By: Laura N. Solomon, Esq. Laura Solomon and Associates
Dated: September, 2019	Dated: September 6th, 2019

PSE&G EE 2017 Program Proposed Rate Calculations

(\$'s Unless Specified)

Actual results through 3/31/2019

Current SUT Rate 6.625%

			Original	EE17*	Incremental	Extension	Cumulative EE17		
								,	
<u>Line</u>	Date(s)		<u>Electric</u>	<u>Gas</u>	<u>Electric</u>	<u>Gas</u>	<u>Electric</u>	<u>Gas</u>	
1	Oct 19 - Sep 20	Revenue Requirements	6,509,300	4,838,191	1,411,046	1,051,242	7,920,346	5,889,433	
2	Sep-19	(Over) / Under Recovered Balance	730,857	322,656	68,662	42,373	799,519	365,030	
3	Sep-19	Cumulative Interest Exp / (Credit)	(12,428)	. (23,866)	<u>0</u>	<u>o</u>	<u>(12,428)</u>	(23,866)	
4	Oct 19 - Sep 20	Total Target Rate Revenue	7,227,729	5,136,982	1,479,708	1,093,616	8,707,437	6,230,597	
5	Oct 19 - Sep 20	Forecasted kWh / Therms (000)	41,395,893	2,791,331	41,395,893	2,791,331	41,395,893	2,791,331	
. 6		Calculated Rate w/o SUT (\$kWh or \$/Therm)	0.000175	0.001840	0.000036	0.000392	0.000210	0.002232	
7 ·		Public Notice Rate w/o SUT (\$/kWh or \$/Therm)	0.000175	0.001840	0.000036	0.000392	0.000210	0.002232	
8		Existing Rate w/o SUT (\$/kWh or \$/Therm)	0.000089	0.000902	0.000000	0.000000	0.000089	0.000902	
9		Proposed Rate w/o SUT (\$/kWh or \$/Therm)	0.000175	0.001840	0.000036	0.000392	0.000210	0.002232	
10		Proposed Rate w/ SUT (\$/kWh or \$/Therm)	0.000187	0.001962	0.000038	0.000418	0.000224	0.002380	
11		Difference in Proposed and Previous Rate	0.000086	0.000938	0.000036	0.000392	0.000121	0.001330	
12		Resultant EE 2017 Revenue Increase / (Decrease)	3,560,047	2,618,268	1,490,252	1,094,202	5,008,903	3,712,470	

^{*} Submitted in 2019 GPRC Cost Recovery filing on June 28, 2019

Attachment A

Attachment A

PSE&G EE 2017 Program Extension Incremental Impact Electric Revenue Requirements Calculation

-	LIECTIC NEVEIN	io itoquirenten	to orioniation			Effective Date	Description	4 (4 (004 0	44445040					
					:	Effective Date	Previous	1/1/2018	11/1/2018	1	,			
						hly WACC effective	0.867910%		0.751400%					
	Actual i	results through	March 31, 2019		trj	nc. tax rate effective_	40,85%	28.11%	28.11%	1				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
		• •												
				Пелетого					Book.		Accumulated	Excess Deferred	ı	
	0	Capitalized IT		Program Investment	IT Cost	Accumulated			Depreciation	Deferred Income			Excess Deferred	Evener Deferred
	<u>Program</u>		O Di1				Net Diest	Tax Dansaciation						
	<u>Investment</u>	<u>Costs</u>	Gross Plant	<u>Amortization</u>	<u>Amortization</u>	<u>Amortization</u>	Net Plant	Tax Depreciation	Tax Basis	<u>Tax</u>	<u>Tax</u>	Transfer	Transfer to TAC	Ending Balance
<u>Monthly</u>														
Calculation														
Sep-19	_	_	_	_	_			_	_	_	_	_	_	
Oct-19	381,363		381,363	4,540	_	4,540	376,823	381,363	4,540	105,925	105,925	_		_
Nov-19	287,199	-	668,562	7,959		12,499	656,063	287,199	7,959	78,494	184,419	_	_	_
		-	900,809	10,724	-	23,223	877,586	232,246	10,724	62,270	246,689	_	_	•
Dec-19	232,246				-		1,133,911	270,267	13,941	72,053	318,742			
Jan-20	270,267	-	1,171,076	13,941	-	37,164			18,343		417,509	•	-	-
Feb-20	369,699	-	1,540,775	18,343	-	55,507	1,485,268	369,699				-	-	-
Mar-20	356,420	-	1,897,195	22,586	-	78,093	1,819,102	356,420	22,586	93,841	511,350	-	-	-
Арг-20	118,632	-	2,015,827	23,998	-	102,091	1,913,736	118,632	23,998	26,602	537,951	•	•	•
May-20	81,826		2,097,652	24,972		127,063	1,970,590	81,826	24,972	15,982_	553,933		-	•
Jun-20	96,319	•	2,193,971	26,119	-	153,181	2,040,790	96,319	26,119	19,733	573,666	-	-	-
Jul-20	81,713	•	2,275,684	27,091	•	180,273	2,095,411	81,713	27,091	15,354	589,020		· ·	-
Aug-20	147,506	·-	2,423,191	28,848	•	209,120	2,214,070	147,506	28,848	33,355	622,375	-	•	•
Sep-20	371,488		2,794,679	33,270		242,390	2,552,288	371,488	33,270	95,073	717,448	•		
		See WP-SS-		1/84 of each	See WP-SS-			See WP-SS-						
	Pmaram		Prior Month +	Prior 84 Months		Prior Month + (Col.				(Col 8 - Col 9) *	Prior Month +			
	Program	EE17-1.xlsx	Prior Month +	from Col 1	EE17-1.xlsx	Prior Month + (Col	Col 3 - Col 6	EE17-1.xls		(Col 8 - Col 9) *	Prior Month + Col 10	NA	NA	N/A
	Program Assumption	EE17-1.xlsx 'ITCap-E'	Prior Month + (Col 1 + Col 2)	from Col 1 (7year	EE17-1.xlsx 'AmortE'	Prior Month + (Col 4 + Col 5)	Col 3 - Col 6			(Col 8 - Col 9) * Income Tax Rate	Prior Month + Col 10	NA	NA	N/A
		EE17-1.xlsx		from Col 1	EE17-1.xlsx		Col 3 - Col 6	EE17-1.xls				NA	NA	N/A
Annual_		EE17-1.xlsx 'ITCap-E'		from Col 1 (7year	EE17-1.xlsx 'AmortE'		Col 3 - Col 6	EE17-1.xls				NA	NA	N/A
Annual_ Summary		EE17-1.xlsx 'ITCap-E'		from Col 1 (7year	EE17-1.xlsx 'AmortE'		Col 3 - Col 6	EE17-1.xls				NA	NA	N/A
Summary		EE17-1.xlsx 'ITCap-E'		from Col 1 (7year	EE17-1.xlsx 'AmortE'		Col 3 - Col 6	EE17-1.xls	_			NA -	NA -	N/A
Summary 2017		EE17-1.xlsx 'ITCap-E'		from Col 1 (7year	EE17-1.xlsx 'AmortE'		Col 3 - Col 6	EE17-1.xls	:			NA -	NA	N/A - -
<u>Summary</u> 2017 2018	Assumption	EE17-1.xlsx 'ITCap-E'	(Col 1 + Col 2)	from Col 1 (7year amortization)	EE17-1.xlsx 'AmortE'	4 + Col 5)	<u>.</u>	EE17-1,xls 'AmortE' wksht	:	Income Tax Rate	Col 10	NA -	NA - - 	N/A - -
Summary 2017 2018 2019	Assumption 900,809	EE17-1.xlsx 'ITCap-E' wksht - -	(Col 1 + Col 2) 900,809	from Col 1 (7year amortization) - - 23,223	EE17-1.xlsx 'AmortE'	4 + Col 5) - - 23,223	- - 877,586	EE17-1.xls 'AmortE' wksht	- - - 23,223	Income Tax Rate	Col 10 - - 246,689	NA -	NA	N/A
Summary 2017 2018 2019 2020	Assumption 900,809 3,004,178	EE17-1.xlsx 'ITCap-E'	(Col 1 + Col 2) 900,809 3,904,987	from Col 1 (7year amortization) - 23,223 338,192	EE17-1.xlsx 'AmortE'	4 + Col 5) 23,223 361,415	- - 877,586 3,543,572	EE17-1.xls 'AmortE' wksht 900,809 3,004,178	- - 23,223 338,192	Income Tax Rate	Col 10 - 246,689 996,098	NA	NA	N/A
Summary 2017 2018 2019 2020 2021	Assumption 900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht - - - -	(Col 1 + Col 2) 900,809 3,904,987 9,946,713	from Col 1 (7year amortization) - - 23,223 338,192 1,004,486	EE17-1.xlsx 'AmortE' wksht - - - -	4 + Col 5)	- - 877,586 3,543,572 8,580,813	EE17-1.xls 'AmortE' wksht 900,809 3,004,178 5,465,545	- - 23,223 338,192 970,189	Income Tax Rate	Col 10 - - 246,689 996,098 2,259,743	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022	Assumption 900,809 3,004,178	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,946,713 13,679,942	from Col 1 (7year amortization) - - 23,223 338,192 1,004,486 1,802,851	EE17-1.xlsx 'AmortE'	4 + Col 5)	877,586 3,543,572 8,580,813 10,511,191	EE17-1.xls 'AmortE' wksht 900,809 3,004,178	- 23,223 338,192 970,189 1,351,161	246,689 749,409 1,283,645 (573,674)	246,689 996,098 2,259,743 1,686,069	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023	Assumption 900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,946,713 13,679,942	from Col 1 (7year amortization) - - 23,223 338,192 1,004,486 1,802,851 1,954,277	EE17-1.xlsx 'AmortE' wksht - - - -	23,223 361,415 1,365,901 3,168,752 5,123,029	877,586 3,543,572 8,580,813 10,511,191 8,556,913	EE17-1.xls 'AmortE' wksht 900,809 3,004,178 5,465,545	- 23,223 338,192 970,189 1,351,161 1,240,125	246,689 749,409 1,263,645 (573,674) (348,599)	246,689 996,098 2,259,743 1,686,069 1,337,470			N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024	Assumption 900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,946,713 13,679,942 13,679,942	from Col 1 (7year amortization) - - 23,223 338,192 1,004,486 1,802,851 1,954,277	EE17-1.xlsx 'AmortE' wksht - - - -	4 + Col 5)	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125	246,689 749,409 1,263,645 (573,674) (348,599) (348,599)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025	Assumption 900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) - - 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277	EE17-1.xlsx 'AmortE' wksht - - - -	23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358	EE17-1.xls 'AmortE' wksht 900,809 3,004,178 5,465,545	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026	Assumption 900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2)	from Col 1 (7year amortization) - - 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,954,277	EE17-1.xlsx 'AmortE' wksht	23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639	877,586 3,543,572 8,580,81,13 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,181 1,240,125 1,240,125 1,240,125 1,216,902	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	900,809 3,004,178 6,041,726 -	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,945,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,004,486 1,802,851 1,954,277 1,954,277 1,954,277 1,931,054	EE17-1.xlsx 'AmortE' wksht	4 + Col 5)	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,240,125 1,216,902 901,933	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667	NA	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028	900,809 3,004,178 6,041,726 -	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,951,054 1,616,085 949,792	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,528,516	877,586 3,543,572 8,580,81,13 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212)	NA	NA	N/A
Summary 2017 2018 2018 2019 2020 2021 2023 2024 2025 2026 2027 2028 2028	900,809 3,004,178 6,041,726 -	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,004,486 1,802,851 1,954,277 1,954,277 1,954,277 1,931,054	EE17-1.xlsx 'AmortE' wksht	23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,528,516 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,240,125 1,216,902 901,933	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212)	-	NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028	900,809 3,004,178 6,041,726 -	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,945,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,951,054 1,616,085 949,792	EE17-1.xlsx 'AmortE' wksht	4 + Col 5)	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879)	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0)	-	NA	N/A
Summary 2017 2018 2018 2019 2020 2021 2023 2024 2025 2026 2027 2028 2028	900,809 3,004,178 6,041,726 -	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,951,054 1,616,085 949,792	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,679,942 13,679,942 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0) (0)		NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	900,809 3,004,178 6,041,726 3,733,229	EE17-1.xlsx 'ITCap-E' wksht	(Col 1 + Col 2) 900,809 3,904,987 9,945,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,951,054 1,616,085 949,792	EE17-1.xlsx 'AmortE' wksht	4 + Col 5)	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0)		NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,931,054 1,616,085 949,792 151,427	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,679,942 13,679,942 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936 (111,036)	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,679) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0) (0)		NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 Total	900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,951,054 1,616,085 949,792	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,679,942 13,679,942 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,879) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0) (0)		NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) - - 23,223 338,192 1,004,486 1,802,851 1,954,277 1,954,277 1,954,277 1,954,277 1,954,277 1,954,277 1,954,277 1,954,277	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,679,942 13,679,942 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936 (111,036)	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,679) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0) (0)		NA	N/A
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 Total	900,809 3,004,178 6,041,726	EE17-1.xlsx 'ITCap-E' wksht	900,809 3,904,987 9,946,713 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942 13,679,942	from Col 1 (7year amortization) 23,223 338,192 1,904,486 1,802,851 1,954,277 1,954,277 1,954,277 1,931,054 1,616,085 949,792 151,427	EE17-1.xlsx 'AmortE' wksht	4 + Col 5) 23,223 361,415 1,365,901 3,168,752 5,123,029 7,077,307 9,031,584 10,962,639 12,578,724 13,679,942 13,679,942 13,679,942	877,586 3,543,572 8,580,813 10,511,191 8,556,913 6,602,636 4,648,358 2,717,304 1,101,218	EE17-1.xls 'AmortE' wksht	23,223 338,192 970,189 1,351,161 1,240,125 1,240,125 1,216,902 901,933 269,936 (111,036)	246,689 749,409 1,263,645 (573,674) (348,599) (348,599) (348,599) (342,071) (253,533) (75,679) 31,212	246,689 996,098 2,259,743 1,686,069 1,337,470 988,871 640,272 298,200 44,667 (31,212) (0) (0)		NA	N/A

PSE&G EE 2017 Program Extension Incremental Impact Electric Revenue Requirements Calculation

Actual results through March 31, 2019

	(15)	(16)	(17) .	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
	Net Investment	<u>Retum</u> <u>Requirement</u>	Program Investment Repayments	Fixed Administrative Allowance	Evaluation / IT Residential Data Analytics / Smart Thermostat	Net Capacity Revenue	Tax Adjustment	Tax Adjustment Excess Deferred Flow Thru	Revenue Requirements	Return Requirement at Previous WACC	Impact of Change in WACC	Revenue Requirement at Previous WACC
Monthly Calculation				,			•		•	•		
Sep-19		_		68,662		-	•	-	68,662	-	-	68,662
Oct-19	270,898	1,018	_	68,662	4,012	-	-		78,231	1,007	-	78,231
Nov-19	471,644	2,790	_	68,662	4,012	•	-	•	83,422	2,760	-	83,422
Dec-19	630,896	4,142		68,662	4,012				87,540	4,097	•	87,540
Jan-20	815,169		-	90,895	4,012	-	•	-	114,281	5,374	-	114,281
Feb-20	1,067,759	7,074	-	90,895	4,012	•	-	•	120,324 126,417	6,998 8,828	•	120,324 126,417
Маг-20	1,307,752	8,925	•	. 90,895	4,012	•	-	•	128,987	9,973	•	128,987
Apr-20	1,375,785	10,082	-	90,895	4,012 4,012	-	•	-	130,370	10,378	_	130,370
May-20	1,416,657	10,491	<u> </u>	90,895	4,012	•			131,860	10,717		131,860
Jun-20	1,467,124	10,834 11,171	-	90,895	4,012	-			133,170	11,051	-	133 170
Jul-20	1,506,391 1,591,695	11,640	-	90,895	4,012	_		_	135,394	11,514		135,394
Aug-20 Sep-20	1,834,840	12,873	•	90,895	4,012		_	-	141,050	12,734	-	141,050
Зер-20	1,004,040				.,		See WP-SS-					
	Col 7 - Cal 11	(Prior Col 12 + Col 12) / 2 * Monthly Pre Tax WACC	Program Investment Repayments	Fixed Administrative Atlowance	Input	Net Capacity Revenue	EE17-1.xfsx 'AmortE' wksht	N/A	Cot 4 + Cot 5 + Cot 13 + Cot 14 + Cot 15 + Cot 16 + Cot 17			Col 23 - Col 25
		177.00			÷							
Annual		***************************************										
Summary		***************************************		,		_		_	_	-	-	·
Summary 2017	-		. :	,		-	<u>.</u>		-	<u>.</u>	- -	· <u>-</u> .
<u>Summary</u> 2017 2018	- - 630 896			- - 274.647	12.036	- -	· -	-	- - 317,856	- 7,864		· 317,856
Summary 2017 2018 2019	- 630,896 2 547 474	- - 7,950	. :	274,647 1.090,739	12,036 48,143	- - •	· - -	•	1,611,779	133,250	- - - -	1,611,779
Summary 2017 2018 2019 2020	2,547,474	7,950 134,705	- - - (34,571)	274,647 1,090,739 1,273,928	48,143 60,179	- - - -	- - - - (107)	:	1,611,779 2,697,831	133,250 389,659	: : :	1,611,779 2,697,831
Summary 2017 2018 2019		- - 7,950	(34,571) (538,108)	1,090,739 1,273,928 546,580	48,143 60,179 60,179	- - - -	(33,791)	:	1,611,779 2,697,831 2,571,373	133,250 389,659 725,735	- - - -	1,611,779 2,697,831 2,571,373
Summary 2017 2018 2019 2020 2021	2,547,474 6,321,070 8,825,121 7,219,443	7,950 134,705 393,915 733,663 723,353	(538,108) (974,762)	1,090,739 1,273,928 546,580 191,512	48,143 60,179		(33,791) (101,902)	: : : :	1,611,779 2,697,831 2,571,373 1,852,658	133,250 389,659 725,735 715,536		1,611,779 2,697,831 2,571,373 1,852,658
Summary 2017 2018 2019 2020 2021 2022	2,547,474 6,321,070 8,825,121	7,950 134,705 393,915 733,663 723,353 578,572	(538,108) (974,762) (974,762)	1,090,739 1,273,928 546,580 191,512 4,054	48,143 60,179 60,179	: : : : :	(33,791) (101,902) (101,902)	- - - - -	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240	133,250 389,659 725,735 715,536 572,320		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087	7,950 134,705 393,915 733,663 723,353 578,572 433,792	(538,108) (974,762) (974,762) (974,762)	1,090,739 1,273,928 546,580 191,512 4,054 4,176	48,143 60,179 60,179	-	(33,791) (101,902) (101,902) (101,902)	- - - - - - -	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581	133,250 389,659 725,735 715,536 572,320 429,104	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103	7,950 134,705 393,915 733,663 723,353 578,572 433,792 289,166	(538,108) (974,762) (974,762) (974,762) (944,032)	1,090,739 1,273,928 545,580 191,512 4,054 4,176 4,301	48,143 60,179 60,179		(33,791) (101,902) (101,902) (101,902) (89,886)	- - - - - - - - -	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603	133,250 389,659 725,735 715,536 572,320 429,104 286,041		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551	7,950 134,705 393,915 733,663 723,363 578,572 433,792 289,166 154,866	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430	48,143 60,179 60,179		(33,791) (101,902) (101,902) (101,902) (89,886) 100,474		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660	133,250 389,659 725,735 715,536 572,320 429,104 286,041 153,192	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639	7,950 134,705 393,915 733,663 723,353 578,572 433,792 289,166 154,865 50,480	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563	48,143 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038	- - - - - - - - - -	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821	133,250 389,659 725,735 715,536 572,320 429,104 286,041 153,192 49,934	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2028	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,353 578,572 433,792 289,166 154,866 50,480 4,440	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,763	48,143 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831	- - - - - - - - - - - - - - - - - - -	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,881 1,190,603 1,418,660 1,235,821 226,346	133,250 389,659 725,735 715,536 572,320 429,104 286,041 153,192 49,934 4,392	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,363 578,572 433,792 289,166 154,866 50,480 4,440	(538,108) (974,762) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051) (25,051)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,700 4,841	48,143 60,179 60,179		(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831 (9,795)	- - - - - - - - - - - - - - - - - - -	1,611,779 2,697,631 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006)	133,250 389,659 725,735 715,536 572,320 429,104 286,041 153,192 49,934 4,932 0	-	1,611,779 2,697,831 2,571,373 1,852,668 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006)
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,363 578,672 433,792 289,166 154,865 50,480 4,440 0	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051) (25,051) (21,210)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,700 4,841 4,986	48,143 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831 (9,795) (8,293)		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,663 1,418,660 1,235,821 226,346 (30,006) (24,518)	133,250 389,655 725,735 715,636 572,320 429,104 286,041 153,192 49,934 4,392 0	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006) (24,518)
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,363 578,572 433,792 289,166 154,866 50,460 4,440 0	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051) (25,051) (21,210) (4,509)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,700 4,841 4,986	48,143 60,179 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831 (9,795) (8,293) (1,763)		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 226,346 (30,006) (24,518) (6,272)	133,250 389,659 725,735 715,536 572,320 429,104 286,041 153,192 49,934 4,932 0	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006) (24,518) (6,272)
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 Total	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,363 578,672 433,792 289,166 154,865 50,480 4,440 0	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051) (25,051) (21,210)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,700 4,841 4,986	48,143 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831 (9,795) (8,293)		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,663 1,418,660 1,235,821 226,346 (30,006) (24,518)	133,250 389,655 725,735 715,636 572,320 429,104 286,041 153,192 49,934 4,392 0	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006) (24,518)
Summary 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	2,547,474 6,321,070 8,825,121 7,219,443 5,613,765 4,008,087 2,419,103 1,056,551 182,639 0	7,950 134,705 393,915 733,663 723,363 578,572 433,792 289,166 154,866 50,460 4,440 0	(538,108) (974,762) (974,762) (974,762) (944,032) (457,195) (25,051) (25,051) (25,051) (21,210) (4,509)	1,090,739 1,273,928 546,580 191,512 4,054 4,176 4,301 4,430 4,563 4,700 4,841 4,986	48,143 60,179 60,179 60,179	- - - - - - - - - - - - - - - - - - -	(33,791) (101,902) (101,902) (101,902) (89,886) 100,474 256,038 92,831 (9,795) (8,293) (1,763)		1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 226,346 (30,006) (24,518) (6,272)	133,250 389,655 725,735 715,636 572,320 429,104 286,041 153,192 49,934 4,392 0	-	1,611,779 2,697,831 2,571,373 1,852,658 1,460,240 1,315,581 1,190,603 1,418,660 1,235,821 228,346 (30,006) (24,518) (6,272)

Attachment A

PSE&G EE 2017 Program Extension Incremental Impact Gas Revenue Requirements Calculation

Attachment A

			;			Monthly WACC effective	0,867910%	0.743280%	0.751400%					
	Actua	l results through	March 31, 2019			Inc. tax rate effective	40.85%	28.11%	28,11%					
		-	•											. ,
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Program Investment	Capitalized IT Costs	Gross Plant	Program Investment Amortization	IT Cost Amortization	Accumulated Amortization	Net Plant	Tax Depreciation	Book Depreciation Tax Basis	Deferred Income	Accumulated Deferred Income Tax	Excess Deferred Reg Liab Transfer	Excess Deferred Transfer to TAC	Excess Deferred Ending Balance
	invesiment	Costs	Gloss Fialli	Milloruzation	AIIIOILLEADOIL	ATTOTUZAGOT.	(VECT IERA)	Tax Depice:accii	TOX COOLS	144	<u>, un</u>	red Elds Hallster	Translation to 1710	Zirana Dalajiaa
Monthly Calculation														
Sep-19		•	-		-	5 000	400 700	-	5,298	- 123,607	123,607	<u>.</u>	-	•
Oct-19	445,026	-	445,026	5,298 9,136	•	5,298 14,434	439,728 753,028	445,026 322,436	5,298 9,136	88,069	211,676	-	-	•
Nov-19 Dec-19	322,436 250,913	-	767,462 1,018,375	12,124		26,558	991.817	250.913	12,124	67,124	278,800	-	-	
Jan-20	316,973		1,335,348	15,897	•	42,455	1,292,893	316,973	15,897	84,632	363,432	-	-	-
Feb-20	386,898	_	1,722,246	20 503	-	62,958	1,659,288	386,898	20,503	102,994	466,426	•	-	-
Mar-20	429,257	-	2,151,503	25,613	-	88,571	2,062,932	429,257	25,613	113,464	579,890	-	-	-
Apr-20	60,014	-	2,211,517	26,328	•	114,899	2,096,619	60,014	26,328	9,469	589,360	•	-	-
May-20	71,733	•	2,283,251	27,182		142,080	2,141,171	71,733	27,182	12,524	601,88 <u>3</u> 624,004		•	
Jun-20	107,153	-	2,390,404	28,457	-	170,537	2,219,867 2,262,229	107,153 71,673	28,457 29,310	22,121 11,908	624,004 635,912			•
Jul-20	71,673	-	2,462,076	29,310	-	199,848 230,715	2,362,153	130,792	30,867	28,089	664,001	• -	_	•
Aug-20	130,792 397,057	•	2,592,869 2,989,926	30,867 35,594	•	266,310	2,723,616	397,057	35,594	101,607	765,609	•	-	-
Sep-20_	397,007	-	2,809,520	1/84 of each	See WP-SS		2,120,010	See WP-SS-			,			
Aument	Deseron	See WP-SS-	Prior Month + (Col 1 + Col	Prior 84 Months	EE17-1,xlsx			EE17-1.xls		(Col 8 - Col 9) *	Prior Month + Col	514		41/4
Annual Summary	Program Assumption	EE17-1,xlsx	· 2)	from Col 1	'AmortE'	Col 5)	Col 3 - Col 6	'AmortE' wksht		Income Tax Rate	10	NA	NA	N/A
Community	, tonampoor	'ITCap-E' wksht	-,	(7year amortization)	wksht	•								
2017				amoruzauom			-		-				-	-
2018	-	-	-	-			•	-	-	•	-	-	-	•
2019	1,018,375	•	1,018,375	26,558	-	26,558	991,817	1,018,375	26,558	278,800	276,800	•	-	•
2020	3,031,166	•	4,049,541	365,910	-	392,468	3,657,074	3,031,166	365,910	749,204	1,028,003	•	-	•
2021	6,640,767		10,690,309	1,064,006		1,456,473	9,233,835	5,236,947	980,445 1,291,838	1,196,503 (575,304)	2,224,506 1,649,202	·	-	
2022	2,524,021	-	13,314,330	1,806,118	-	3,262,591 5,164,638	10,051,739 8,149,692	(754,779)	1,291,636	(342,609)	1,306,593	-		-
2023	-	-	13,314,330 13,314,330	1,902,047 1,902,047		7,066,685	6,247,645	_	1,218,816	(342,609)	963,984		_	
2024 2025	•	-	13,314,330	1,902,047		8,968,732	4,345,598	_	1,218,816	(342,609)	621,375		-	
2026	•		13,314,330	1,875,489		10,844,222	2,470,108		1,192,258	(335,144)	286,232	-		
2027			13,314,330	1,536,137	-	12,380,359	933,971	-	852,906	(239,752)	46,480	-	-	•
2028	-	•	13,314,330	838,041	-	13,218,400	95,930	-	238,371	(67,006)	(20,526)	•	• -	•
2029	. •	-	13,314,330	95,930	•	13,314,330	0	-	(73,021)	20,526	0	•	-	•
2030	-	-	13,314,330	-	-	13,314,330	0	-	•	-	0	-	•	=
2031		.	13,314,330			13,314,330	0	•			- 0		<u> </u>	
2032	-	-	13,314,330	•	-	13,314,330	u			-	_	-	•	<u>-</u>
Total	13,314,330	-		13,314,330	•			8,531,709	8,531,709	(0)				
Oct 19 - Sep														
20	2,989,926			266,310	_									

PSE&G EE 2017 Program Extension Incremental Impact Gas Revenue Requirements Calculation

Attachment A

Actual results through March 31, 2019

· _	(15)	(16)	(17)	(18)	(19) Evaluation / IT	(20)	(21)	(22)	(23)	(24)	(25)	(26)
	Net investment	<u>Return</u> Requirement	Program Investment Repayments	Fixed Administrative Allowance	Residential Data Analytics / Smart Thermostat	Cost Offsets	<u>Tax Adjustment</u>	Tax Adjustment Excess Deferred Flow Thru	Revenue Requirements	Return Requirement at Previous WACC	Impact of Change in WACC	Revenue Requirement at Previous WACC
Monthly Calculation												
Sep-19	_	-		42,373		_			42,373	-	-	42,373
Oct-19	316,120	1,188	-	42,373	3,905		-	•	52,764	1,175		52,764
Nov-19	541,352	3,222		42,373	3,905		-	•	58,636	3,187	-	58,636
Dec-19	713,018	4,713	•	42,373	3,905				63,114	4,662		63,114
Jan-20	929,461	6,171	•	56,094	3,905	•	-	•	82,066	6,104	-	82,066
Feb-20	1,192,862	7,974		56,094	3,905	-	-	-	88,475	7,887	-	88,475
Mar-20	1,483,042	10,053		56,094	3,905	-	•	-	95,665	9,945	-	95,665
Apr-20	1,507,259	11,235	•	56,094	3,905	• ,	. •		97,561	11,113	-	97,561
May-20	1,539,288	11,446	-	56,094	3,905			•	98,626	11,322	<u> </u>	98,626
Jun-20	1,595,862	11,779	-	56,094	3,905	-	-	-	100,235	11,651	-	100,235
Jul-20	1,626,316	12,106	-	56,094	3,905	-	-	•	101,415	11,975	-	101,415
Aug-20	1,698,152	12,490	-	56,094	3,905	•	-	-	103,356	12,355	•	103,356
Sep-20	1,958,008	13,736	-	56,094	3,905		-	-	109,329	13,588		109,329
, -	.,,	(Prior Col 12 + Col					See WP-SS-EE17-	•	Col 4 + Col 5 + Col		•	
<u>Annual</u>		12)/2	Program Investment	Fixed Administrative			1.xlsx	· N/A	13 + Col 14 + Col 15			0.140.0.101
	Col 7 - Col 11	* Monthly Dre Tay			Input						Col 16 - Col 24	Col 23 - Col 24
Summary	Col 7 - Col 11	Monthly Pre Tax	Repayments	Allowance	Input		'AmortE' wksht	. •	+ Cal 16 + Cal 17 + Cal 19		Col 16 - Col 24	Col 23 - Col 24
Summary	Col 7 - Col 11	* Monthly Pre Tax WACC		Allowance	Input			· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 +		Col 16 - Col 24	
Summary 2017	Col 7 - Col 11	Monthly Pre Tax			Input -			•	+ Col 16 + Col 17 +	•	Col 16 - Col 24	
<u>Summary</u> 2017 2018	- - -	* Monthly Pre Tax WACC		Allowance - -	· · · · · · · · · · · · · · · · · · ·	<u>-</u>		· · · · · · · · · · · · · · · · · · ·	+ Cal 16 + Cal 17 + Cal 19		Col 16 - Col 24	 - -
<u>Summary</u> 2017 2018 2019	713,018	* Monthly Pre Tax WACC		Allowance - - - 169,493	11,714	- - - - -		•	+ Col 16 + Col 17 + Col 19 - - 216,887	9,023 144,516	- - -	
<u>Summary</u> 2017 2018 2019 2020	713,018 2,629,070	* Monthly Pre Tax WACC 9,122 146,095	Repayments	Allowance - - 169,493 673,128	11,71 4 46,857	- - - - -	'AmortE' wksht		+ Col 16 + Col 17 + Col 19 - 216,887 1,231,989	144,516	Col 16 - Col 24	216,887 1,231,989
Summary 2017 2018 2019 2020 2021	713,018 2,629,070 7,009,329	* Monthly Pre Tax WACC 9,122 146,095 423,223	Repayments	Allowance - 169,493 673,128 786,180	11,714 46,857 58,571	- - - - -	'AmortE' wksht	· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 + Col 19 - 216,887 1,231,989 2,247,488	144,516 418,649	- - -	216,887 1,231,989 2,247,488
2017 2018 2019 2020 2021 2022	713,018 2,629,070 7,009,329 8,402,536	Monthly Pre Tax WACC 9,122 146,095 423,223 741,274	Repayments	Allowance 169,493 673,128 786,180 337,311	11,714 46,857 58,571 58,571		'AmortE' wksht	•	+ Col 16 + Col 17 + Col 19 - 216,887 1,231,989 2,247,488 2,290,795	144,516 418,649 733,263	-	216,887 1,231,989 2,247,488 2,290,795
2017 2018 2019 2020 2021 2022 2023	713,018 2,629,070 7,009,329 8,402,536 6,843,098	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334	Repayments	Allowance 169,493 673,128 786,180 337,311 118,188	11,714 46,857 58,571	-	'AmortE' wksht	· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 + Col 19 - 216,887 1,231,989 2,247,488 2,290,795 1,787,656	144,516 418,649 733,263 679,907	- - -	216,887 1,231,989 2,247,488 2,290,795 1,787,656
2017 2018 2019 2020 2021 2022 2023 2024	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723	Repayments - - - (84,229) (613,631) (895,488) (895,488)	Allowance 169,493 673,128 766,180 337,311 118,188 2,502	11,714 46,857 58,571 58,571	- - - - - - -	'AmortE' wksht (261) (38,847) (82,995) (82,995)	· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 + Col 19 216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788	144,516 418,649 733,263 679,907 540,815	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788
2017 2018 2019 2020 2021 2022 2023 2024 2024 2025	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,668 3,724,222	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111	Repayments	Allowance 169,493 673,128 766,180 337,311 118,188 2,502 2,577	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (82,995)	· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 + Col 19 - 216,887 1,231,999 2,247,488 2,290,795 1,787,656 1,472,768 1,332,251	144,516 418,649 733,263 679,907 540,815 401,723	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 265,678	Repayments	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (82,995) (53,720)		+ Col 16 + Col 17 + Col 19 - 216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483	144,516 418,649 733,263 679,907 540,815 401,723 262,807	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,463
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877 887,491	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 1265,678	(84,229) (613,631) (895,488) (895,488) (895,488) (820,618) (831,907)	Allowance 169,493 673,128 766,180 337,311 118,188 2,502 2,577 2,654	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (82,995) (53,720)	· · · · · · · · · · · · · · · · · · ·	+ Col 16 + Col 17 + Col 19 216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162	-	216,887 1,231,999 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877	*Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 255,678 136,639 39,257	Repayments	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (53,720) 137,373 210,614		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977 1,029,692
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877 887,491 116,456 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 265,678 136,638 39,257 2,512	Repayments	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,818 2,900	11,714 46,857 58,571 58,571		(261) (38,847) (82,995) (82,995) (82,995) (53,720) 137,373 210,614 42,196		+ Col 16 + Col 17 + Col 19 - 216,887 1,231,999 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977 1,029,692 82,503	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832 2,485	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977 1,029,692 82,603
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877 887,491 116,456 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 1265,678 136,638 39,257 2,512	(84,229) (613,631) (895,488) (895,488) (895,488) (820,618) (331,907) (61,036) (61,036)	Allowance 169,493 673,128 766,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816 2,900 2,987	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (82,995) (82,720) 137,373 210,614 42,196 (23,866)		+ Col 16 + Col 17 + Col 19 216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,480,977 1,029,692 82,603 (81,914)	144,516 418,649 733,283 679,907 540,815 401,723 262,807 135,162 38,832 2,485	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,768 1,332,251 1,269,463 1,480,977 1,029,692 82,503 (81,914)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	713.018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,747 887,747 116,456 0 0 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 265,678 136,638 39,257 2,512 0	(84,229) (613,631) (895,488) (895,488) (890,618) (331,907) (61,036) (61,036) (61,036) (61,036) (51,677)	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,818 2,900	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (53,720) 137,373 210,614 42,196 (23,866) (20,208)		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832 2,485 0	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,463 1,480,977 1,029,692 82,503 (81,914) (68,806)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	713,018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,877 887,491 116,456 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 255,678 136,639 39,257 2,512 0	(84,229) (613,631) (895,488) (895,488) (895,488) (820,618) (331,907) (61,036) (61,036) (61,036) (61,036) (61,036) (61,036)	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816 2,900 2,987 3,077	11,714 46,857 58,571 58,571 58,571 		(261) (38,847) (82,995) (82,995) (82,995) (53,720) 137,373 210,614 42,196 (23,866) (20,206) (4,296)		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,283 679,907 540,815 401,723 262,807 135,162 38,832 2,485	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,463 1,480,977 1,029,692 82,503 (81,914) (68,806) (15,282)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	713.018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,747 887,747 116,456 0 0 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 265,678 136,638 39,257 2,512 0	(84,229) (613,631) (895,488) (895,488) (890,618) (331,907) (61,036) (61,036) (61,036) (61,036) (51,677)	Allowance 169,493 673,128 766,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816 2,900 2,987	11,714 46,857 58,571 58,571		'AmortE' wksht (261) (38,847) (82,995) (82,995) (53,720) 137,373 210,614 42,196 (23,866) (20,208)		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832 2,485 0	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,463 1,480,977 1,029,692 82,503 (81,914) (68,806)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 Total	713.018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,747 887,747 116,456 0 0 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 255,678 136,639 39,257 2,512 0	(84,229) (613,631) (895,488) (895,488) (895,488) (820,618) (331,907) (61,036) (61,036) (61,036) (61,036) (61,036) (61,036)	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816 2,900 2,987 3,077	11,714 46,857 58,571 58,571 58,571 		(261) (38,847) (82,995) (82,995) (82,995) (53,720) 137,373 210,614 42,196 (23,866) (20,206) (4,296)		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832 2,485 0	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,483 1,460,977 1,029,692 82,503 (61,914) (68,806) (15,282)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	713.018 2,629,070 7,009,329 8,402,536 6,843,098 5,283,660 3,724,222 2,183,747 887,747 116,456 0 0 0	* Monthly Pre Tax WACC 9,122 146,095 423,223 741,274 687,334 546,723 406,111 255,678 136,639 39,257 2,512 0	(84,229) (613,631) (895,488) (895,488) (895,488) (820,618) (331,907) (61,036) (61,036) (61,036) (61,036) (61,036) (61,036)	Allowance 169,493 673,128 786,180 337,311 118,188 2,502 2,577 2,654 2,734 2,816 2,900 2,987 3,077	11,714 46,857 58,571 58,571 58,571 		(261) (38,847) (82,995) (82,995) (82,995) (53,720) 137,373 210,614 42,196 (23,866) (20,206) (4,296)		+ Col 16 + Col 17 + Col 19	144,516 418,649 733,263 679,907 540,815 401,723 262,807 135,162 38,832 2,485 0	-	216,887 1,231,989 2,247,488 2,290,795 1,787,656 1,472,788 1,332,251 1,269,463 1,480,977 1,029,692 82,503 (81,914) (68,806) (15,282)

PSE&G EE 2017 Program Extension Incremental Impact Electric GPRC Recovery Charge (GPRC) - Rate Impact Analysis

Attachment A

6,920 Avg RS kWh / yr. 740 Avg RS kWh / Summer Month 495 Avg RS kWh / Winter Month

6,625% SUT Rate

41,395,893 kWh Sales (000) - Oct 19 - Sep 20 (and thereafter)

0.001679 Current electric GPRC (\$/kWh)

	(1)	(2)	(3)	(4)	(5)	(6)	(7) ge Rate w/SU	(8)	(9)	(10)	(11)	(12) cal RS GPR0	(13)	(14)	(15)	(16)
Current	Electric EE17 Ext Incremental Revenue Requirements ²	Electric EE17extC* w/o SUT (\$/kWh)	Electric EE17extC* w/SUT (\$/kWh) ³	<u>RS</u> 0.176815	<u>RHS</u> 0.140495	RLM 0.177044	GLP 0.159177	<u>LPL-S</u> 0.125285	<u>LPL-P</u> 0.109938	HTS-S 0.096307	Summer Monthly Bill 1.24	Winter Monthly Bill 0.83	Annual Bill	Change in RS Typical Annual Bill (\$'s)	RS Typical Annual Bill (\$'s) 4 1,223.56	% Change in RS Typical Annual Bill
Current		-		0.110013	0,140433		0.100111	0.120200	0.100000	0.000001	1.2.1		- 17100		1722444	
Oct 19 - Sep 20 Oct 20 - Sep 21 Oct 21 - Sep 22 Oct 22 - Sep 23 Oct 23 - Sep 24 Oct 24 - Sep 25 Oct 26 - Sep 27 Oct 26 - Sep 27 Oct 27 - Sep 28 Oct 29 - Sep 30 Oct 30 - Sep 31 Oct 30 - Sep 31	1,479,708 2,369,122 2,749,398 2,003,678 1,558,345 1,351,746 1,223,119 1,269,704 1,453,437 450,028 (30,041) (27,894) (10,398)	0.000036 0.000057 0.000066 0.000048 0.000033 0.000030 0.000031 0.000035 0.000011 (0.000001)	0.00038 0.00061 0.00070 0.000051 0.000041 0.00032 0.00033 0.00033 0.00037 0.000011 (0.00001)	0.176853 0.176876 0.176885 0.176856 0.176856 0.176847 0.176842 0.176842 0.176814 0.176814 0.176814	0.140533 0.140556 0.140565 0.140536 0.140536 0.140537 0.140527 0.140527 0.140507 0.140494 0.140494 0.140494	0.177082 0.177105 0.177114 0.177095 0.177079 0.177079 0.177070 0.177070 0.177081 0.177043 0.177043	0.159215 0.159238 0.159247 0.159228 0.159218 0.159212 0.159200 0.159210 0.159214 0.159176 0.159176	0.125323 0.125346 0.125355 0.125336 0.125320 0.125320 0.125317 0.125318 0.125322 0.125297 0.125284 0.125284 0.125284	0.109976 0.109999 0.110008 0.109989 0.109979 0.109973 0.109970 0.109975 0.109950 0.109937 0.109937	0.096345 0.096368 0.096377 0.096358 0.096348 0.096349 0.096340 0.096344 0.096319 0.096306 0.096306	1.27 1.29 1.29 1.28 1.27 1.27 1.27 1.27 1.27 1.25 1.24 1.24	0.85 0.86 0.87 0.86 0.85 0.85 0.85 0.85 0.83 0.83	11.88 12.04 12.12 12.00 11.88 11.88 11.88 11.88 11.60 11.60	\$0.28 \$0.44 \$0.52 \$0.40 \$0.28 \$0.28 \$0.28 \$0.28 \$0.28 \$0.28 \$0.28 \$0.28 \$0.20 \$0.00 \$0.00	1,223.84 1,224.00 1,224.08 1,223.98 1,223.84 1,223.84 1,223.84 1,223.84 1,223.68 1,223.56 1,223.56	0.02% 0.04% 0.04% 0.03% 0.02% 0.02% 0.02% 0.02% 0.02% 0.00% 0.00%
Total	15,839,951	<u>*</u>			0.110100											
		Col 1 / [kWh Sales] (Rnd to 6 dec.)	Col 2 * (1 + SUT Rate) Rnd 6	C:	urrent Class A	Avg Rate + Co	3 for Each R	ate Class (Col	4 thru Col 11)		(Cur. eGPRC + Col 3) * Avg RS kWh Sum Mo Rnd 2	(Cur. eGPRC + Col 3) * Avg RS kWh Win Mo Rnd 2	(4 * Col 11) + (8 * Col 12)	Col 13 - Current Col 13	Current Col 15+ Col 14	Col 14/ Current Col 15 , Rnd 4
				•												
			-	RS	% Ch	ange from Cur RLM	rent Class Av GLP	LPL-S	<u>LPL-P</u>	HTS:S			*			
			Oct 19 - Sep 20 Oct 20 - Sep 21 Oct 21 - Sep 22 Oct 22 - Sep 23 Oct 23 - Sep 24 Oct 24 - Sep 25 Oct 25 - Sep 26 Oct 26 - Sep 27 Oct 27 - Sep 28 Oct 28 - Sep 29 Oct 29 - Sep 30 Oct 30 - Sep 31 Oct 31 - Sep 32	0.02% 0.03% 0.04% 0.03% 0.02% 0.02% 0.02% 0.02% 0.01% 0.00%	0.03% 0.04% 0.05% 0.03% 0.02% 0.02% 0.02% 0.03% 0.01% 0.00%	0.02% 0.03% 0.04% 0.03% 0.02% 0.02% 0.02% 0.02% 0.02% 0.00%	0.02% 0.04% 0.03% 0.03% 0.02% 0.02% 0.02% 0.02% 0.01% 0.00% 0.00%	0.03% 0.05% 0.06% 0.04% 0.03% 0.03% 0.03% 0.03% 0.01% 0.00%	0.03% 0.06% 0.06% 0.05% 0.04% 0.03% 0.03% 0.03% 0.03% 0.01% 0.00%	0.04% 0.06% 0.07% 0.05% 0.04% 0.03% 0.03% 0.03% 0.03% 0.00%	·					

^{*} For illustrative purposes only; incremental investment will be recovered through the existing EE17C

¹ All customers assumed to have BGS Supply

² Initial Rate period is October 2019 to September 2020, consistent with pending EE 2017 Program cost recovery filing

³ SUT is assumed at the current SUT rate effective January 1, 2017 through the life of the Program

⁴ The rates are based on a typical residential bill as of July 1, 2019

1,040 Typical RSG Therms / yr.

0.002267 Current gas GPRC (\$/therm)

PSE&G EE 2017 Program Extension Incremental Impact Gas GPRC Recovery Charge (GPRC) - Rate Impact Analysis

6.625% SUT Rate

Attachment A

			6.625%	SU1 Kale						172		119(II)(c) 2776 100	n) Monthly Then	me		
	÷		2,791,331	Therm Sales (000) O	ct 19 - Sept 20) (used thereat	ter)			4	2		# of Months/y			
		400	403		(6)	(8)	(7)	(0)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(46)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			(13)	1 (14)	(15)	(16)
					Class Av	erage Rate wi	SU1 - \$/(nem	lī			Typical RSI	G GPRC (\$)				
	Gas EE17 Ext	C++												Change in		% Change
	Incremental	Gas EE17extC*	Gas												RSG Typical	in RSG
	Revenue	w/o SUT	EE17exiC*							Dec-Mar	Nov & Apr	May-Oct		Annual Bill	Annual Bill	Typical
	Requirements 2	(\$/therm)	w/ SUT (\$/(herm) ³	RSG	GSG	LVG	TSG-F	TSG-NF	CIG	Monthly Bill	Monthly Bill	Monthly Bill	Annual Bill	(\$'s)	(\$'s) ⁴	Annual Bill
	Requirements	Parmettii	AN COL (AVIDENTIA)									0.07		14.4		z tritical com
Current				0.855587	1.013816	0.840560	0.718989	0.662793	0.445991	0.39	0.20		2.38		889,81	
Oct 19 - Sep 20	1,093,616	0.000392	0,000418	0.856005	1.014234	0.840978	0.719407	0.663211	0.446383	0.46	0,24	80.0	2.80	\$0.42	690.23	0.05%
Oct 20 - Sep 21	1,941,746	0.000696	0.000742	0,856329	1.014558	0.841302	0.719731	0.663535	0.446687	0.52	0.27	0.09	3,16	\$0.78	890.59	0.09%
Oct 21 - Sep 22	2,416,094	0.000866	0.000923	0.856510	1.014739	0.841483	0.719912	0.663716	0.446857	0,55	0.28	0.09	3.30	\$0.92	890.73 890.55	0.10% 0.08%
Oct 22 - Sep 23	1,889,628	0.000677	0.000722	0,856309	1.014538	0.841282	0.719711	0.663515	0.446668	0.51	0.27	0.09	3.12	\$0.74	890.37	0.08%
Oct 23 - Sep 24	1,551,505	0.000556	0.000593	0,856180	1.014409	0,841153	0.719582	0.663386	0.446547	0.49	0.25	80,0	2.94	\$0.56 \$0.52		
Oct 24 - Sep 25	1,367,385	0.000490	0,000522	0.856109	1.014338	0.841082	0.719511	0.663315	0.446481	0,48	0.25	0.08	2.90	\$0,52 \$0,46	890.33 890.27	0.06% 0.05%
Oct 25 - Sep 26	1,265,906	0.000454	0.000484	0.856071	1.014300	0.841044	0.719473	0.663277	0.446445	0.47	0.24 0.25	90.08 80.0	2.84 2.90	\$0.46 \$0.52	890.27 890.33	0.05%
Oct 26 - Sep 27	1,398,131	0.000501	0.000534	0,856121	1.014350	0,841094	0,719523	0.663327	0.446492	0.48	0.25	0.08	2,86	\$0.52	890.29	0.05%
Oct 27 - Sep 28	1,287,811	0,000461	0,000492	0.856079	1.014308	0.841052	0.719481	0.663285	0.446452	0.47	0.25	0.08	2,86	\$0.48	889.91	0.05%
Oct 28 - Sep 29	251,188	0.000090	0.000096	0.855683	1.013912	0.840656	0.719085	0.662889	0.446081 0.445962	0.41 0.38	0.21	0.07	2.40	-\$0.10	889.71	-0.01%
Oct 29 - Sep 30	(81,936)	(0.000029)	(0.000031)	0.855556	1.013785	0.840529	0.718958	0.662762	0.445963	0.38	0.20	0.06	2.28	-\$0.10	889.71	-0,01%
Oct 30 - Sep 31	(76,965)	(0.000028)	(0.000030)	0.855557	1.013786	0,840530	0.718959 0.718978	0.662763 0.662782	0,445981	0.38	0.20	0.00	2.28	\$0.00	889.81	0,00%
Oct 31 - Sep 32	(27,602)	(0,000010)	(0.000011)	0.855576	1.013805	0.840549	0.710976	0.002702	0.443901	0.58	0.20	0,01	2.50	40.00	003.01	0,00,0
Total	14,276,506															
·										(Cur. GPRC	(Cur. GPRC	(Cur. GPRC	(4 ° Col 10)			
										+ Col 3) *	+ Col 3) *	+ Col 3) *	(4 (0) 10)	Col 13 -	Current	Col 14 /
	From Schedule	Col 1/	Col 2 * (1 + SUT	Command Ct	ass Avg Rate +	Cal 3 for Eac	h Bala Ciasa i	Col 4 thru Col	10)	Dec-Mar	Nov & Apr	May-Oct	(2 ° Col 11)		Col 15 +	Current Col
	SS-EE17-3G	Therm Sales	Rate) Rnd 6	Current Ci	ass Avg Rate	COLO TOT ERC	ii itale Class ((CO) 7 (III CO)	10)	Monthly	Monthly	Monthly	(2 30111)	Col 13	Col 14	15
	Coi 18		•							Therms	Therms	Therms	(6 * Col 12)	J 55, 10	IT	Rnd 4
				l .						Rnd 2	Rod 2	Rnd 2	(0 001 12)	I		

TSG-NF

CIG

% Change from Current Class Average Rate w/SUT

Oct 19 - Sep 20	0.05%	0.04%	0.05%	0,06%	0.06%	0,09%
Oct 20 - Sep 21	0.09%	0.07%	0.09%	0.10%	0.11%	0.17%
Oct 21 - Sep 22	0.11%	0.09%	0.11%	0.13%	0.14%	0.21%
Oct 22 - Sep 23	0.08%	0.07%	. 0,09%	0.10%	0,11%	0.16%
Oct 23 - Sep 24	0.07%	0.06%	0.07%	0,08%	0.09%	0,13%
Oct 24 - Sep 25	0.06%	0.05%	0,06%	0.07%	0,08%	0.12%
Oci 25 - Sep 26	0.06%	0.05%	0.06%	0.07%	0.07%	0.11%
Oct 26 - Sep 27	0.06%	0.05%	0,06%	0.07%	0.08%	0.12%
Oct 27 - Sep 28	0.06%	0,05%	0.06%	0,07%	0.07%	0.11%
Oct 28 - Sep 29	0.01%	0,01%	0.01%	0,01%	0.01%	0.02%
Oct 29 - Sep 30	0.00%	0.00%	0,00%	0.00%	0.00%	-0.01%
Oct 30 - Sep 31	0.00%	0.00%	0.00%	0.00%	0.00%	-0.01%
Oct 31 - Sep 32	0,00%	0.00%	0.00%	0.00%	0.00%	0.00%
	1 1					

RSG

^{*} For illustrative purposes only; incremental investment will be recovered through the existing EE17C

¹ All customers assumed to have BGSS Supply

² Initial Rate period is October 2017 to September 2019 for EE 2017 Program

³ SUT is assumed at the current SUT rate effective January 1, 2017 through the life of the Program

⁴ The rates are based on a typical residential bill as of March 1, 2017

Attachment A

PSE&G EE 2017 Program Cumulative Impact

Electric Revenue Requirements Calculation

 Effective Date
 Previous
 1/1/2018
 11/1/2018

 Monthly WACC effective Inc. tax rate effective
 0.867910%
 0.743280%
 0.751400%

 40.85%
 28.11%
 28.11%

Actual results through March 31, 2019 (5) (6) (7) (8) (9) (10)(11)(12)(13)(14)(1) (2) (3) (4) Book Accumulated Excess Deferred Program Capitalized IT Investment IT Cost Accumulated Depreciation Deferred Income Deferred Income Reg Liab Excess Deferred Excess Deferred <u>Program</u> Net Plant Transfer Transfer to TAC Ending Balance Investment Costs Gross Plant Amortization <u>Amortization</u> <u>Amortization</u> Tax Depreciation Tax Basis <u>Tax</u> Tax <u>Monthly</u> Calculation 233,545 5,040,156 22.330.511 1,940,302 20,390,210 2,123,968 531,398 Sep-19 2,289,459 265,839 2,167,937 5.576.659 22,764,031 259,354 536,503 25,001,975 297,643 2,237,944 Oct-19 2,671,464 5,782,832 2,565,686 24,964,595 1,004,767 271,316 206,173 2,528,306 27,530,281 327,741 Nov-19 25,800,203 (147,072) 269,565 (117.117)5.665.715 341,758 2,907,443 1,177,365 28,707,646 Dec-19 26,639,707 1,088,168 282,519 226,468 5,892,183 29,903,140 355,990 3.263,433 1,195,494 Jan-20 272,691 6.164.875 3,637,970 27,823,149 1,267,697 297,611 1,557,979 31,461,119 374,537 Feb-20 4.031.958 29,062,966 1,177,188 311,625 243,310 6,408,184 33,094,924 393.987 1,633,805 Mar-20 4,439,324 29,779,465 951,970 322,958 176,815 6,585,000 1,123,865 34,218,789 407,367 ·Apr-20 1,775,242 35,994,031 428,500 4,867,824 31.126.207 1.325.789 338,741 277,459 6,862,459 May-20 6,903,542 37,448,390 445,814 5,313,639 32,134,751 490,735 344,583 41.083 Jun-20 1,454,359 32.464.734 182,502 346,756 (46, 172)6,857,371 785,143 38,233,533 455,161 5,768,800 Jul-20 30,987 6,888,358 32,728,310 462,497 352,262 Aug-20 727,397 38,960,930 463,821 6,232,620 33,594,916 355,170 (31,169)6,857,188 40,307,386 479,850 6,712,470 244,286 Sep-20 1,346,456 1/84 of each See WP-SS-See WP-SS-See WP-SS-Prior 84 Months EE17-1.xlsx Prior Month + (Col EE17-1.xls (Col 8 - Col 9) * Prior Month + Program EE17-1.xlsx Prior Month + NA N/A Col 3 - Col 6 NA from Col 1 'AmortE' 4 + Col 5) 'AmortE' wksht Income Tax Rate Col 10 'ITCap-E' (Col 1 + Col 2) Assumption (7уеаг wksht wksht amortization) <u>Annual</u> Summary 2017 320,521 8,086,915 7,336,114 278,382 1,983,928 1,983,928 8,407,436 320,521 8,407,436 2018 5,665,715 2.586.922 2,907,443 25,800,203 15,307,333 2,209,550 3,681,787 20,300,210 28,707,646 2019 4,045,235 1,292,397 6,958,112 5,278,483 8,185,926 33,842,569 8,642,876 13,320,849 42,028,495 2020 7,089,055 5,348,420 4,882,596 130,943 51,542,193 6,712,066 14,897,992 36,644,201 2021 9,513,699 5,248,247 (1,663,376) 5,425,679 32,650,689 (669,135) 2022 3,753,749 55,295,942 7,747,261 22,645,253 3,981,403 7.899.420 30,544,674 24,751,269 5,137,944 (1,444,276) 2023 55,295,942 5,137,944 (1,444,276) 2,537,127 38,444,094 16,851,848 2024 55,295,942 7,899,420 1,171,104 7,578,899 46,022,993 9,272,949 4,859,562 (1,366,023) 55,295,942 2025 5,312,498 3,960,451 2,928,394 (823, 172)347,932 51,335,491 55,295,942 2026 2,620,938 53,956,429 1,339,514 1,092,708 (307, 160)40,772 55,295,942 2027 55,143,783 152,159 255,348 (71,778)(31,006)2028 55,295,942 1,187,354 152,159 55,295,942 (110,303)31,006 55,295,942 2029 55,295,942 2030 55,295,942 55,295,942 55,295,942 2031 55,295,942 55,295,942 35,965,607 35,965,607 (0) Total 55,295,942 55,295,942 Oct 19 -17,976,874 4,772,168 Sep 20

PSE&G EE 2017 Program Cumulative Impact Electric Revenue Requirements Calculation

Attachment A

Actual results through March 31, 2019

	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
<u>Monthly</u> Calculat <u>ion</u>	Net Investment	<u>Return</u> Requirement	Program Investment Repayments	Fixed Administrative Allowance	Evaluation / IT Residential Data Analytics / Smart Thermostat	Net Capacity Revenue	Tax Adjustment	Tax Adjustment Excess Deferred Flow Thru	Revenue Requirements	Return Requirement at Previous WACC	Impact of Change in WACC	Requirement at Previous WACC
Sep-19	15,350,053	109,734	(60,977)	334,063	6,593	49	(11,215)	_	644,087	108,548	-	644,087
Oct-19	17,187,372	122,243	(66,325)		10,605	44	(10,963)		687,310		_	687,310
Nov-19	19,181,763	136,639	(70,922)		10,605	49	(5,668)	-	732,508	135,162	-	732,508
Dec-19	20,134,488	147,711	(81,384)		10,607	44	(3,594)	_	749,205	146,115	-	749,205
Jan-20	20,747,523	153,594	(109,587)		11,130	44	(14,122)		601,813		•	601,813
Feb-20	21,658,274	159,319	(134,048)	204,766	11,121	60	(22,335)		593,419		-	593,419
Mar-20	22,654,782	166,484	(137,029)		11,121	44	(21,376)	-	617,997	164,685	-	617,997
Apr-20	23,194,466	172,256	(143,777)		11,121	49	(23,214)	•	628,567	170,394	-	628,567
May-20	24,263,748	178,301	(153,297)		11,121	44	(24,844)	•	644,590	176,374		644,590 567,355
Jun-20	25,231,209	185,953	(158,072)		11,121	-	(22,226)	-	667,355 671,479	183,943 188,936	•	671,479
Jul-20	25,607,363	191,001	(167,473)		11,121	-	(23,096) (28,890)	-	658,661	191,199	•	658,661
Aug-20	25,839,952	193,288	(185,443)		11,121 11,121		(28,434)	-	667,440	195,400		667,440
Sep-20	26,737,728	197,534	(197,397)	204,766	11,121 _				001,440	100,400	···	007,110
	Col 7 - Col 11	(Prior Col 12 + Col 12) / 2 * Monthly Pre Tax WACC	Program Investment Repayments	Fixed Administrative Allowance	Input	Net Capacity Revenue	See WP-SS- EE17-1.x/sx 'AmortE' wksht	N/A	Col 4 + Col 5 + Col 13 + Col 14 + Col 15 + Col 16 + Col 17			Col 23 - Col 25
Annual Summary												
2017	-	-	-	686,617	25,384	=		•	686,617	400.004	700	686,617
2018	6,102,986	124,360	(77,581)		463,978		(13,858)	•	3,569,651	123,621	739	3,568,912 6,411,049
2019	20,134,488	1,088,145	(696,712)		85,647	12,444	(124,856)	-	6,411,049	1,076,386 2,175,240	-	7,729,195
2020	26,884,457	2,199,004	(2,028,301)	2,457,188	133,456	242	(310,877) (416,976)	-	7,729,195 7,812,569		-	7,812,569
2021	29,555,146	2,537,038	(2,895,867)		123,600 60,179		(340,511)		7,264,767	2,582,764	-	7,264,767
2022	27,225,010	2,610,980	(3,369,856)		60,179 60,179	-	(149,496)		7,032,049			7,032,049
2023	20,769,866	2,163,801	(3,143,806) (2,952,689)		00,179	-	(74,767)	_	6,468,524		-	6,468,524
2024	14,314,721 8,101,845	1,581,754 1,003,810	(2,190,776)		_	_	206,675	_	6,613,857		_	6,613,857
2025 2026	3,612,519	510,188	(1,416,679)		-	-	378,277	_	4,799,991	504,675	_	4,799,991
2027	1,298,742	209,620	(457,195)				418,789	-	2,808,331	207,355	-	2,808,331
2028	183,166	56,639	(25,051)				354,632	-	1,590,238	56,027	-	1,590,238
2029	(0)		(25,051)	17,164			92,831		241,553		•	241,553
2030	(0)		(25,051)	4,841	•	-	(9,795)	-	(30,006)) (0)	-	(30,006)
2031	(0)	(0)	(21,210)	4,986_			(8,293)		(24,518)		-	(24,518)
2032	(0)		(4,509)	-		-	(1,763)	-	(6,272)	(0)	-	(6,272)
Total	• • • • • • • • • • • • • • • • • • • •	14,089,787	(19,330,336)		952,424	12,686	0		62,967,595			62,966,856
Oct 19 - Sep 20		2,004,321	(1,604,757)	2,845,081	131,915	379	(228,762)		7,920, <u>346</u>	-	<u> </u>	7,920,346

PSE&G EE 2017 Program Cumulative Impact Gas Revenue Requirements Calculation

Attachment A

									 					
						Monthly WACC effective	0.867910%	0.743280%	0.751400%					•
	Actual	results through	March 31, 2019			Inc. tax rate effective	40,85%	28.11%	28.11%					
	710144	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					•	-						:
	445	(0)	(2)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	(1)	(2)	(3)	(4)	(5)	(0)	1.7	(-)	(4)	17	(,	17	V 7	****
			•	<u>Program</u>					<u>Book</u>		<u>Accumulated</u>			
	Program.	Capitalized IT		<u>Investment</u>	IT Cost	Accumulated_			Depreciation	Deferred Income	Deferred Income	Excess Deferred	Excess Deferred	Excess Deferred
	Investment	Costs	Gross Plant	Amortization	Amortization	Amortization	Net Plant	Tax Depreciation	Tax <u>Basis</u>	<u>Tax</u>	<u> Tax</u>	Reg Liab Transfer	Transfer to TAC	Ending Balance
				.=					,					
<u>Monthly</u>												•		•
<u>Calculation</u>														
Sep-19	882,973	_	14,642,392	174,314		1,205,490	13,436,902	874,263	168,274	198,453	3,650,433		-	-
Oct-19	2,195,191	•	16,837,583	200,447	_	1,405,937	15,431,646	1,412,501	185,090	345,025	3,995,458	-	•	- ·
		•		215,159		1,621,096	16,452,257	559,267	191,748	103,310	4,098,768		_	-
Nov-19	1,235,770	-	18,073,354		-	1,842,963	16,793,881	39,539	192,218	(42,918)	4,055,850	_	_	_
Dec-19	563,490		18,636,844	221,867	-		17,690,072	1,125,881	205,622	258,685	4,314,535			
Jan-20	1,131,530	-	19,768,374	235,338	•	2,078,301			216,967	206,904	4,521,439			
Feb-20	1,250,506	-	21,018,879	250,225	-	2,328,526	18,690,353	953,018			4,829,223	•	-	•
Mar-20	2,030,451	•	23,049,330	274,397	-	2,602,923	20,446,407	1,327,702	232,773	307,785		•	-	•
Apr-20	314,422		23,363,753	278,140	-	2,881,063	20,482,690	305,375	236,409	19,387	4,848,610	•	-	•
May-20	1,320,915	-	24,684,668	. 293,865	•	3,174,928	21,509,740	635,620	243,975	110,091	4,958,701	•		<u> </u>
Jun-20	775,845		25,460,513	303,101	-	3,478,029	21,982,484	401,029	248,750	42,806	5,001,507	•	-	•
Jul-20	813,434	_	26,273,947	312,785		3,790,814	22,483,133	(245,093)	245,832	(137,999)	4,863,508	•	-	•
Aug-20	672,205		26,946,152	320,788	-	4,111,602	22,834,550	26,795	246,151	(61,661)	4,801,847	•	-	•
Sep-20_	1,209,511	, -	28,155,663	335,186	_	4,446,788	23,708,875	(78,043)	245,222	(90,870)	4,710,977	-	•	
Sep-zo_	1,200,011		20,100,000	1/84 of each	- 1110 00			See WP-SS-						*
		See WP-SS-		Prior 84 Months	See WP-SS-			EE17-1.xls		(Col 8 - Col 9) *	Prior Month + Col			
<u>Annual</u>	Program	EE17-1.xlsx	Prior Month + (Col 1 + Col	from Col 1	EE17-1.xlsx		Col 3 - Col 6			Income Tax Rate	10	NA	NA	N/A
Summary	Assumption	'ITCap-E' wksht	2)	(7year	'AmortE'	Col 5)		'AmortE' wksht		Income tax Rate	10			
		II Cap-E mosili		amortization)	wksht									
2017				anionización			-	-		-	-	-	-	-
2018	4,923,570	-	4,923,570	159,297	_	159,297	4,764,273	4,502,601	152,739	1,222,746	1,222,746	•	-	•
		-	18,636,844	1,683,666	_	1,842,963	16,793,881	11,643,741	1,565,109	2,833,104	4,055,850	-		•
2019	13,713,274	-	29,772,580	3,642,242		5,485,205	24,287,375	5,413,640	2,874,615	713,720	4,769,570	-	-	-
2020	11,135,736	-				10,350,248	27,714,581	5,230,307	3,487,870	489,799	5,259,369	_		-
2021	8,292,248	-	38,064,829_	4,865,043	_ -	16,068,027	24,630,303	(745,299)	3,793,395	(1,275,827)	3,983,542			
2022	2,633,501	•	40,698,330	5,717,779	-		18,816,256	(140,200)	3,720,713	(1,045,892)	2,937,650	_		-
2023	•	•	40,698,330	5,814,047	-	21,882,074	13,002,209	-	3,720,713	(1,045,892)	1,891,757	_	_	_
2024	-	-	40,698,330	5,814,047	•	27,696,121		•	3,567,974	(1,002,957)	988,800	-	_	-
2025	-	•	40,698,330	5,654,750	•	33,350,871	7,347,458	•			282,859	•	<u>-</u>	-
2026	• _		40,698,330	4,130,381		37,481,252	3,217,078		2,155,604	(605,940)			<u>_</u>	
2027	•	-	40,698,330	2,171,805	-	39,653,057	1,045,273	=	846,098	(237,838)	45,021	-	-	•
2028	-	-	40,698,330	949,004	-	40,602,062	96,268	-	232,843	(65,452)	(20,431)	•	-	•
2029	_		40,698,330	96,268	•	40,698,330	0	•	(72,682)	20,431	O.	-	•	-
2030	-	_	40,698,330	_	_	40,698,330	.0	-	-	-	0		-	-
2030	-	-	40,698,330	_	_	40,698,330	0	-			0		- _	-
			40,698,330		-	40,698,330	- o	-	-					•
2032	-	-	40,030,330			10,222,000	-	00 044 000	26,044,990	0				
Total	40,698,330	-		40,698,330	-			26,044,990	20,044,990					
Oct 19 - Sep														•
20	13,513,271			3,241,298	-									· · · · · · · · · · · · · · · · · · ·

PSE&G EE 2017 Program Cumulative Impact Gas Revenue Requirements Calculation

Attachment A

Actual results through March 31, 2019

									•			
	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	. (24)	(25)	(26)
	Net Investment	Return Requirement	Program Investment Repayments	Fixed Administrative Allowance	Evaluation / IT Residential Data Analytics / Smart Thermostat	Cost Offsets	Tax Adjustment	Tax Adjustment Excess Deferred Flow Thru	Revenue Requirements	Return Requirement at Previous WACC	Impact of Change in WACC	Revenue Requirement at Previous WACC
<u>Monthly</u> Calculation												
Sep-19	9,786,469	71,619	(9,286)	206,161	7,057	-	(1,269)	-	448,596	70,845		448,596
Oct-19	11,436,188	79,734	(9,567)	206,161	10,962	-	2,264	-	490,000	78,872	•	490,000
Nov-19	12,353,490	89,378	(9,809)	206,161	10,962	-	5,319	-	517,168	88,412	-	517,168
Dec-19	12,738,031	94,269	(22,963)	206,161	10,962	_ -	2,614		512,910	93,250	<u> </u>	512,910 435,342
Jan-20	13,375,538	98,109	(34,386)	126,367	11,740	-	(1,826)	-	435,342	97,048	-	
Feb-20	14,168,915	103,485	(43,244)	126,367	11,735	-	(3,905)	-	444,662	102,366	-	444,662
Mar-20	15,617,184	111,906	(43,401)	126,367	11,735	•	(695)	•	480,309	110,697	-	480,309
Арг-20	15,634,080	117,411	(48,460)	126,367	11,735	•	(2,631)	=	482,562	116,142	-	482,562
May-20	16,551,039_	120,919	(60,273)	126,367	11,735	-	(4,060)		488,554	119,613	•	488,554
Jun-20	16,980,977	125,980	(60,524)	126,367	11,735	-	(2,413)	-	504,246	124,618	•	504,246
Jul-20	17,619,625	129,994	(72,046)	126,367	11,735	-	(1,991)		506,844	128,590	-	506,844
Aug-20	18,032,703	133,946	(78,393)	126,367	11,735	•	(1,469)	-	512,973	132,498	-	512,973
Sep-20_	18,997,898	139,124	(96,136)	126,367	11,735	<u> </u>	(2,413)	<u> </u>	513,863	137,621	-	513,863
		(Prior Col 12 + Col					See WP-SS-EE17-		 Col 4 + Col 5 + Col 	•		
			Decree to leave about	Circuit & desiral eteratives			1 vlev	M/Δ	13 + Col 14 + Col 15			
Annual Summary	Col 7 - Col 11	12) / 2 * Monthly Pre Tax	Program Investment Repayments	Fixed Administrative Allowance	Input		1.xlsx .*AmortE' wksht	N/A	13 + Col 14 + Col 15 + Col 16 + Col 17 + Col 19		Col 16 - Col 24	Col 23 - Col 24
Summary	Col 7 - Col 11	12) / 2 ·	Repayments	Allowance			1.xlsx .*AmortE' wksht	N/A	+ Col 16 + Col 17 + Col 19	•	Col 16 - Col 24	<i>:</i>
Summary 2017		12) / 2 * Monthly Pre Tax WACC	Repayments	Allowance 423,732	13,669	· · · · · · · · · · · · · · · · · · ·	. 'AmortE' wksht	N/A	+ Col 16 + Col 17 + Col 19 423,732	•		423,732
<u>Summary</u> 2017 2018	3,541,527	12) / 2 * Monthly Pre Tax WACC - 57,879	Repayments - (4,083)	Allowance 423,732 1,682,819	13,669 443,521	·	, 'AmortE' wksht - 968	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070	57,467	Col 16 - Col 24	423,732 2,353,657
<u>Summary</u> 2017 - 2018 2019	3,541,527 12,738,031	12) / 2 * Monthly Pre Tax WACC - 57,879 691,176	Repayments (4,083) (116,113)	Allowance 423,732 1,682,819 2,134,942	13,669 443,521 92,339		.*Amort© wksht 	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967	57,467 683,707		423,732 2,353,657 4,486,967
<u>Summary</u> 2017 2018 2019 2020	3,541,527 12,738,031 19,517,805	12) / 2 * Monthly Pre Tax WACC - 57,879 691,176 1,512,537	(4,083) (116,113) (900,460)	Allowance 423,732 1,682,819 2,134,942 1,516,405	13,669 443,521 92,339 140,820	· · · · · · · · · · · · · · · · · · ·	'AmortE' wksht - 968 956 (51,939)	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604	57,467 683,707 1,496,191		423,732 2,353,657 4,486,967 5,859,604
2017 2018 2019 2020 2021	3,541,527 12,738,031 19,517,805 22,455,212	12) / 2 * Monthly Pre Tax WACC - 57,879 691,176 1,512,537 1,881,157	(4,083) (116,113) (900,460) (1,864,631)	423,732 1,682,819 2,134,942 1,516,405 1,081,649	13,669 443,521 92,339 140,820 128,423		'AmortE' wksht - 968 956 (51,939) (190,603)	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038	57,467 683,707 1,496,191 1,860,829		423,732 2,353,657 4,486,967
2017 2018 2019 2020 2020 2021 2022	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761	12) / 2 * Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,981,157	(4,083) (116,113) (900,460) (1,864,631) (2,585,959)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565	13,669 443,521 92,339 140,820 128,423 58,571		'AmortE' wksht 968 956 (51,939) (190,603) (258,685)	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038 5,265,060	57,467 683,707 1,496,191 1,860,829 1,968,286		423,732 2,353,657 4,486,967 5,859,604 5,901,038
2017 2018 2019 2020 2021 2022 2023	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,606	12) / 2 * Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710	(4,083) (116,113) (900,460) (1,864,631) (2,585,959) (2,882,937)	423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630	13,669 443,521 92,339 140,820 128,423		'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,185)	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,080 4,521,825	57,467 683,707 1,496,191 1,860,829 1,968,286 1,628,914		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060
Summary 2017 2018 2019 2020 2021 2022 2023 2024	3,541,527 12,738,031 19,517,805 22,455,212 20,648,761 15,878,606 11,110,451	12) / 2 *Monthly Pre Tax WACC 57,879 681,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435)	423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137	13,669 443,521 92,339 140,820 128,423 58,571		'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (284,195) (254,195)	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,060 4,521,825 4,042,326	57,467 683,707 1,496,191 1,860,829 1,968,286 1,628,914 1,203,626		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825
2017 2018 2019 2020 2021 2022 2023 2024 2024 2025	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,806 11,110,451 6,458,659	12) / 2 * Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448	(4,083) (116,113) (900,450) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070)	423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411	13,669 443,521 92,339 140,820 128,423 58,571		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) -38,204	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,080 4,521,825	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,328
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,606 11,110,451 6,458,659 2,934,218	12) / 2 Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 798,448 411,508	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,088,976)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411	13,669 443,521 92,339 140,820 128,423 58,571		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 385,911	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,606 11,110,451 6,458,659 2,934,218 1,000,251	12) / 2 *Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,975) (331,907)	423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694	13,669 443,521 92,339 140,820 128,423 58,571		-AmortE wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) -38,204 -365,911 -388,590	N/A	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743	57,467 683,707 1,496,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,925 4,042,326 4,501,743 3,878,518
2017 2018 2019 2020 2021 2022 2023 2024 2025 2028 2027 2028	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,606 11,110,451 6,458,659 2,934,218 1,000,251 116,699	12) / 2 * Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,846,710 1,216,775 788,448 411,508 167,185 42,115	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,976) (331,907) (61,036)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 9,984 10,284	13,669 443,521 92,339 140,820 128,423 58,571		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 365,911 388,590 255,163	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,488,967 5,859,804 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658	57,467 683,707 1,496,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,606 11,110,451 6,458,659 2,934,218 1,000,251 116,699	12) / 2 Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,975) (331,907) (61,036)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 9,984 10,284 10,592	13,669 443,521 92,339 140,820 128,423 58,571	-	-AmortE wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) -38,204 -365,911 -388,590 -256,163 -42,196	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038 5,265,060 4,521,625 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,651
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2027 2028 2029	3,541,527 12,738,031 19,517,805 22,455,212 20,645,761 15,878,606 11,110,451 6,458,659 2,934,218 1,000,251 116,699 0	12) / 2 *Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,981,157 1,983,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,975) (331,907) (61,036) (61,036)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 10,284 10,284 10,592 2,987	13,669 443,521 92,339 140,820 128,423 58,571		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 385,901 388,590 256,163 42,196 (23,866)	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,651	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (81,914) (68,806)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,806 11,110,451 6,456,659 2,934,218 1,000,251 116,599 0	12) / 2 Monthly Pre Tax WACC 57,879 691,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,976) (61,036) (61,036) (61,036) (61,036)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 9,984 10,284 10,592	13,669 443,521 92,339 140,820 128,423 58,571		-AmortE wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) -38,204 -365,911 -388,590 -256,163 -42,196	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,266,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 {81,914}	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490 0		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,925 4,042,326 4,501,733 3,878,518 2,405,658 1,196,531 90,538 (81,914)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	3,541,527 12,738,031 19,517,805 22,455,212 20,645,761 15,878,606 11,110,451 6,458,659 2,934,218 1,000,251 116,699 0	12) / 2 *Monthly Pre Tax WACC 57,879 681,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517 0 0	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,976) (61,036) (61,036) (61,036) (61,036) (61,036) (61,086)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 9,984 10,284 10,592 2,987 3,077	13,669 443,521 92,339 140,820 128,423 58,571		-AmortE wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 365,911 388,590 256,163 42,198 (23,866) (20,206)	-	+ Col 16 + Col 17 + Col 18 423,732 2,354,070 4,486,967 5,859,804 5,901,038 5,265,060 4,521,625 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (81,914) (68,806)	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490 0		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (81,914) (68,806)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2028 2027 2028 2029 2030 2031 2032 Total	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,806 11,110,451 6,456,659 2,934,218 1,000,251 116,599 0	12) / 2 *Monthly Pre Tax WACC 57,879 681,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517 0 0	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,976) (61,036) (61,036) (61,036) (61,036)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 10,284 10,284 10,592 2,987	13,669 443,521 92,339 140,820 128,423 58,571 58,571 -		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 365,911 388,590 255,163 42,198 (23,866) (20,206) (4,296)	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038 5,265,060 4,521,625 4,042,226 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (81,914) (68,806) (15,282)	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490 0		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (31,914) (68,806) (15,282)
2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031	3,541,527 12,738,031 19,517,805 22,455,212 20,646,761 15,878,806 11,110,451 6,456,659 2,934,218 1,000,251 116,599 0	12) / 2 *Monthly Pre Tax WACC 57,879 681,176 1,512,537 1,881,157 1,989,789 1,646,710 1,216,775 788,448 411,508 167,185 42,115 2,517 0 0	(4,083) (116,113) (900,460) (1,864,631) (2,595,959) (2,832,937) (2,743,435) (1,989,070) (1,038,976) (61,036) (61,036) (61,036) (61,036) (61,036) (61,086)	Allowance 423,732 1,682,819 2,134,942 1,516,405 1,081,649 343,565 124,630 9,137 9,411 9,694 9,984 10,284 10,592 2,987 3,077	13,669 443,521 92,339 140,820 128,423 58,571 58,571 -		.'AmortE' wksht 968 956 (51,939) (190,603) (258,685) (289,195) (254,198) 38,204 365,911 388,590 255,163 42,198 (23,866) (20,206) (4,296)	-	+ Col 16 + Col 17 + Col 19 423,732 2,354,070 4,486,967 5,859,604 5,901,038 5,265,060 4,521,625 4,042,226 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (81,914) (68,806) (15,282)	57,467 683,707 1,486,191 1,860,829 1,968,286 1,628,914 1,203,626 779,927 407,061 165,378 41,660 2,490 0		423,732 2,353,657 4,486,967 5,859,604 5,901,038 5,265,060 4,521,825 4,042,326 4,501,743 3,878,518 2,405,658 1,196,531 90,538 (31,914) (68,806) (15,282)

PSE&G EE 2017 Program Cumulative Impact Electric GPRC Recovery Charge (GPRC) - Rate Impact Analysis

Attachment A

6,920 Avg RS kWh / yr. 740 Avg RS kWh / Summer Month 495 Avg RS kWh / Winter Month

6.625% SUT Rate

41,395,893 kWh Sales (000) - Oct 19 - Sep 20 (and thereafter)

0,001679 Current electric GPRC (\$/kWh)

	(1)	(2)	(3)	(4)	(5)	(6)	(7) ge Rate w/SU	(8) T = S/kWh ¹	(9)	(10)	(11) Tvoi	(12) cal RS GPR	(13) C (\$)	(14)	(15)	(16)
Current	Electric EE17 Cumulative Revenue Requirements 2	Electric EE17C w/o SUT (\$/kWh)	Electric EE17C wi SUT (\$/kWh) ³	<u>RS</u> 0.176815	<u>RHS</u> 0,140495	RLM 0.177044	GLP 0.159177	<u>LPL-S</u> 0,125285	<u>LPL-P</u> 0.109938•	HTS-S 0.096307	Summer Monthly Bill 1.24	Winter Monthly Bill 0.83	Annual Bill 11,60	Change in RS Typical Annual Bill (\$'s)	RS Typical Annual Bill (\$'s) 4 1,223.58	% Change in RS Typical Annual Bill
	•			0,176815	0.140495	0.177044	0,159177	0.125285	0.109938	0.096307	1.24	0.83	11.60		1,223,56	0.00%
Oct 17 - Sep 19* Oct 19 - Sep 20	8,498,294 7,920,346	0.000191	0.000204	0,170019	0.140499	0.177248	0.159381	0.125489	0.110142	0,096511	1.39	0.93	13.00	\$1,40	1,224.96	0.11%
Oct 20 - Sep 21	7,727,244	0.000187	0.000199	0.177014	0.140694	0.177243	0,159376	0.125484	0.110137	0,096506	1.39	0.93	13.00	\$1,40	1,224.96	· 0.11%
Oct 21 - Sep 22	7,501,302	0.000181	0,000193	0.177008	0,140688	0.177237	0.159370	0.125478	0.110131	0.096500	1.39	0.93	13.00	\$1,40	1,224.96	0.11%
Oct 22 - Sep 23	7,100,394	0.000172	0.000183	0.176998	0.140678	0.177227	0.159360	0.125468	0.110121	0.096490	1.38	0,92	12.88	\$1.28	1,224.84	0.10%
Oct 23 - Sep 24	6,657,875	0.000161	0.000172	0.176987	0.140667	0.177216	0,159349	0.125457	0.110110	0.096479	1.37	0.92	12,84 12,84	\$1.24 \$1.24	1,224.80	0,10%
Oct 24 - Sep 25	6,607,465	0.000160	0.000171	0,176986 0,176955	0.140666 0.140635	0.177215 0.177184	0,159348 0,159317	0.125456 0.125425	0,110109 0,110078	0.096478 0.098447	1.37 1.35	0.92	12.60	\$1.24 \$1,00	1,224.56	0.08%
Oct 25 - Sep 26	5,410,099 3,148,755	0,000131	0.000140 0.000081	0,176955	0.140535	0.177125	0.159317	0.125425	0.110019	0,096388	1.30	0.87	12.16	\$0.56	1,224.12	0.05%
Oct 26 - Sep 27 Oct 27 - Sep 28	1,997,090	0,000078	0.000051	0.176866	0.140546	0.177095	0.159228	0.125336	0.109989	0,096358	1.28	0.86	12.00	\$0.40	1,223.96	0,03%
Oct 28 - Sep 29	463,949	0.000011	0.000012	0,176827	0.140507	0.177056	0.159189	0.125297	0.109950	0.096319	1.25	0.84	11.72	\$0.12	1,223.68	0.01%
Oct 29 - Sep 30	(26,925)	(0.000001)	(0.000001)	0,176814	0.140494	0.177043	0.159176	0.125284	0.109937	0.096306	1.24	0.83	11.60	\$0.00	1,223.56	0.00%
Oct 30 - Sep 31	(27,894)	(0.000001)	(0.000001)	0,176814	0.140494	0.177043	0.159176	0.125284	0.109937	0.096306	1.24	0.83	11.60	\$0.00	1,223.56	0.00%
Oct 31 - Sep 32	(10,398)			0.1768 <u>15</u>	0.140495	0.177044	0.159177	0.125285	0.109938	0.096307	1.24	0,83	11.60	\$0,00	1,223,56	0.00%
Total	62,967,595															<u> </u>
		Col 1 / [kWh Sales] (Rnd to 6 dec.)	Col 2 * (1 + SUT Rate) Rnd 6	C	υrrent Class Α	.vg Rate + Co	l 3 for Each Ra	ate Class (Col	4 thru Col 11)		(Cur. eGPRC + Col 3) * Avg RS kWh Sum Mo Rnd 2	(Cur. eGPRC + Col 3) * Avg RS kWh Win Mo Rnd 2	(4 * Col 11) + (8 * Col 12)	Col 13 - Current Col 13	Current Col 15 + Col 14	Col 14 / Current Col 15 Rnd 4
	739															
	,,,,				% Cha			erage Rate w/]					
				RS	<u>RHS</u>	RLM	GLP	<u>LPL-S</u>	LPL-P	HTS-S						
			Oct 19 - Sep 20	0.12%	0.15%	0.12%	0.13%	0.16%	0.19%	0.21%						
			Oct 20 - Sep 21	0.11%	0.14%	0.11%	0.13%	0.16% 0.15%	0.18% 0.18%	0.21% 0.20%						
			Oct 21 - Sep 22 Oct 22 - Sep 23	0,11% 0,10%	0.14% 0.13%	0,11% 0,10%	0.12% 0.11%	0.15%	0.17%	0.20%						
			Oct 23 - Sep 23	0,10%	0.13%	0.10%	0.11%	0.14%	0.16%	0,18%						
			Oct 24 - Sep 25	0.10%	0,12%	0.10%	0,11%	0.14%	0.16%	0.18%						
			Oct 25 - Sep 26		0,10%	0.08%	0.09%	0.11%	0,13%	0.15%						
			Oct 26 - Sep 27	0.05%	0,06%	0.05%	0,05%	0.06%	0.07%	0.08%			•			
			Oct 27 - Sep 28		0.04%	0.03%	0.03%	0.04%	0.05%	0.05%						
			Oct 28 - Sep 29		0.01%	0.01%	0.01%	0,01%	0.01%	0.01%						
			Oct 29 - Sep 30		0.00%	0.00%	0.00%	0,00% 0.00%	0.00% 0.00%	0.00% 0.00%						
			Oct 30 - Sep 31		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%						
			Oct 31 - Sep 32	U,U0%	0.00%	0.00%	U.UU76	0.0070	0,007/8	0.0070	1					

^{*} Impact of initial revenue requirement in current bill

³ All customers assumed to have BGS Supply

² Initial Rate period is October 2019 to September 2020, consistent with pending EE 2017 Program cost recovery filing

³ SUT is assumed at the current SUT rate effective January 1, 2017 through the life of the Program

⁴ The rates are based on a typical residential bill as of July 1, 2019

PSE&G EE 2017 Program Cumulative Impact Gas GPRC Recovery Charge (GPRC) - Rate Impact Analysis

Attachment A

0.00001	CHIT	Dat

2,791,331 Therm Sales (000) Oct 19 - Sept 20 (used thereafter)

1,040 Typical RSG Therms / yr. 0.002267 Current gas GPRC (\$/therm)

172

29 Monthly Therms 6 # of Months/year

			2,191,001	Illettil gales (000)	ut 13 - Gept 20	(Baga trictean	,			-	~	•					
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
					Class Av	erage Rate w/s	SUT - \$/fine <u>rm</u>				Typical RS0	GPRC (S)		!			
	Gas EE17 Cumulative Revenue	Gas EE17C w/o SUT	Gas EE17C			11/0	T00 F	TOO NE	616	<u>Dec-Mar</u> Monthly Bill	Nov & Apr	May-Oct Monthly Bill	Annual Bill	Change in RSG Typcial Annual Bill (\$'s)	RSG Typical Annual Bill (\$'s) ⁴	% Change in RSG Typical Annual Bill	
	Requirements 2	<u>(\$/therm)</u>	w/ SUT (\$/fherm)3	<u>RSG</u>	<u>GSG</u>	<u>LVG</u> .	TSG-F	TSG-NF	<u>CIG</u>					74-21		Altijuai bili	
Current				0,855587	1.013816	0,840560	0.718989	0.662793	0.445991	0.39	0,20	0.07	2.38		889.81		
Oct 17 - Sep 19*	5,744,690			0.855587	1,013816	0.840560	0.718989	0.662793	0,445991	0.39	0.20	0,07	2.38	\$0.00	889.81	0.00%	
Oct 19 - Sep 20	5,889,433	0.002110	0.002250	0,857837	1.016066	0.842810	0.721239	0,665043	0.448101	0,78	0.40	0,13 0,13	4.70 4.66	\$2.32 \$2.28	892.13 892.09	0.26% 0.26%	
Oct 20 - Sep 21	5,844,967	0.002094	0.002233	0,857820	1.016049	0,842793	0.721222	0,665026	0.448085	0.77 0,75	0.40 0.39	0.13	4,56	\$2.26 \$2.18	891,99	0,26%	
Oct 21 - Sep 22	5,554,188	0,001990	0,002122	0,857709	1.015938	0,842682	0.721111 0.720779	0,664915 0.664583	0.447981 0.447670	0.70	0.36	0.13	4.24	\$1.86	891.67	0.21%	
Oct 22 - Sep 23	4,685,980	0.001679	0.001790	0.857377 0.857173	1,015606 1.015402	0.842350 0.842146	0.720779	0.664379	0.447478	0.66	0,34	0.12	3,98	\$1.60	891.41	0.18%	•
Oct 23 - Sep 24	4,149,490	0.001487	0.001586		1.015402	0.842203	0.720575	0.664436	0.447532	0.67	0.35	0.11	4.04	\$1.66	891.47	0.19%	
Oct 24 - Sep 25	4,302,641	0.001541	0.001643 0.001625	0.857230 0.857212	1.015441	0.842185	0.720614	0,664418	0.447515	0.67	0.35	0,11	4.04	\$1.66	891.47	0.19%	
Oct 25 - Sep 26	4,253,167	0.001524	0.001625	0.856623	1.014852	0.841596	0,720025	0.663829	0,446963	0.57	0.29	0.10	3,46	\$1.08	890.89	0.12%	
Oct 26 - Sep 27	2,712,682	0.000972 0.000555	0.000592	0.856179	1.014408	0.841152	0.719581	0.663385	0.446546	0.49	0.25	0.08	2.94	\$0.56	890.37	0.06%	
Oct 27 - Sep 28 Oct 28 - Sep 29	1,549,409 259,539	0.000093	0.000099	0.855686	1.013915	0.840659	0,719068	0.662892	0,446084	0.41	0,21	0.07	2.48	\$0.10	889.91	0.01%	
Oct 28 - Sep 29 Oct 29 - Sep 30	(80,013)	(0.000029)	(0.000031)	0.855556	1,013785	0.840529	0.718958	0.662762	0.445962	0,38	0.20	0.06	2.28	-\$0.10	889,71	-0.01%	
Oct 30 - Sep 31	(76,965)	(0.000028)	(0,000030)		1.013786	0,840530	0.718959	0.662763	0.445963	. 0.38	0.20	0.06	2.28	-\$0.10	889.71	-0.01%	
Oct 31 - Sep 32	(27,602)	(0.000020)	(0,000011)		1.013805	0.840549	0.718978	0.662782	0.445981	0.39	0,20	0.07	2.38	\$0.00	889.81	0.00%	
		(0.000010)	(0,0000 1.j)	***************************************										1			
Total	44,761,606			-	•										-		
	From Schedule SS-EE17-3G Col 18	Col 1 / Therm Sales	Col 2 * (1 + SUT Rate) Rnd 6	Current Cl	ass Avg Rate 1	⊦ Col 3 for Eacl	h Rate Class (Col 4 thru Col 1	10)	(Cur. GPRC + Col 3) * Dec-Mar Monthly Therms Rnd 2	(Cur. GPRC + Col 3) * Nov & Apr Monthly Therms Rnd 2	(Cur. GPRC + Col 3) * May-Oct Monthly Therms Rnd 2	(4 ° Col 10) + (2 ° Col 11) + (6 ° Col 12)	Col 13 - Current Col 13	Current Col 15 + Col 14	Col 14 / Current Col 15 Rnd 4	_
		-			,												
					% Change from	Current Class	Average Rate	w/SUT		Τ.							,
				RSG	GSG	LVG	TSG-F	TSG-NF	CIG	1							
			Oct 19 - Sep 20 Oct 20 - Sep 21 Oct 21 - Sep 22 Oct 22 - Sep 23 Oct 23 - Sep 24 Oct 24 - Sep 25 Oct 25 - Sep 26 Oct 26 - Sep 27	0.26% 0.26% 0.25% 0.21% 0.19% 0.19% 0.19%	0.22% 0.22% 0.21% 0.18% 0.16% 0.16% 0.16%	0.27% 0.27% 0.25% 0.21% 0.19% 0.20% 0.19% 0.12%	0.31% 0.31% 0.30% 0.25% 0.22% 0.23% 0.23%	0.34% 0.34% 0.32% 0.27% 0.24% 0.25% 0.25% 0.16%	0.50% 0,50% 0.48% 0.40% 0.36% 0.37% 0.36% 0.23%								
				1 7,27		0.070/	0.000	0.000	0.420/								

Oct 26 - Sep 27 Oct 27 - Sep 28

Oct 28 - Sep 29

Oct 29 - Sep 30 Oct 30 - Sep 31 Oct 31 - Sep 32

0.07%

0.01%

0.00%

0.00%

0.00%

0.06%

0.01%

0.00%

0.00%

0.00%

0.07%

0.01%

.0.00%

0.00%

0.08%

0,01%

0.00%

0.09%

0.01%

0.00%

0.00%

0.13%

0.02%

-0.01%

-0.01%

0.00%

^{*} Impact of initial revenue requirement in current bill

¹All customers assumed to have BGSS Supply

² Initial Rate period is October 2017 to September 2019 for EE 2017 Program

SUT is assumed at the current SUT rate effective January 1, 2017 through the life of the Program

⁴ The rates are based on a typical residential bill as of March 1, 2017

Attachment A

Oct-17 370,117 228,872 141,244 - - - 370,117 228,872 141,244 Jan-18 367,472 227,237 140,235 - 367,472 227,23		=		ginal EE			ental Exte			Cumulati	
Nov-17 370.117 228.872 141.244 -						Total	Electric	Gas			
Dec-17 370.117 228.872 141.244 -		Oct-17	370,117			-	-	-			
Jan-18		Nov-17				-	-	-			
Feb-16	1	Dec-17				-	-	-			
Mar-18 367,472 227,237 140,235 - 367,472 227,237 140,235 367,472 227	- 1	Jan-18				-	-	-			
Apr-18 367,472 227,237 140,235 - 367,472 227,237 140,235 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,237 367,472 227,2	l	Feb-18				-	-				
May-18 367,472 227,237 140,235 -		Mar-18	367,472			-	- '	· -			
Jun-18 367,472 227,237 140,235 -		Apr-18				-	-	-			
Mu-18 367,472 227,237 140,235 - - 367,472 227,237 140,235 Sep-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 140,235 - 367,472 227,237 140,235 Oct-18 367,472 227,237 367,224 367,66 263,787 Oct-18 367,472 Oct-18 367,472 Oct-18 367,472 Oct-18 367,472 Oct-18 367,472 Oct-18		May-18	367,472	227,237		-	-	-			
Aug-18 367,472 227,237 140,235 - 249,189 265,402 163,787 - 249,189 265,402 163,787 - 249,189 265,402 163,787 - 249,189 265,402 1	1					-	-	-			
Sep-18 367,472 227,237 140,235 -	\bot					-		-			
Oct-18 367,472 227,237 140,235 -						-	-	-			
Nov-18	- 1					-	-	-			
Dec-18 367,472 227,237 140,235 - - 387,472 227,237 140,235 Jan-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Mar-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Apr-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Apr-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Jun-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Jun-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Aug-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Aug-19 429,189 265,402 163,787 - - 429,189 265,402 163,787 Sep-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Nov-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Nov-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Jan-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-21 64,521 39,888 24,622 171,676 106,161	- 1					-	-	-			
Jan-19	- 1	Nov-18					-	-			
Feb-19							,	-			
Mar-19		Jan-19	429,189			-	-	-			
Apr-19						-]	-	-			
May-19		Mar-19				- 1	, -	-			
Jun-19		Apr-19				-]	-	-			
Jul-19		May-19					-	<u> </u>			
Aug-19 429,189 265,402 163,787 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Nov-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Nov-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Dec-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Dec-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161 Jan-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Mar-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Apr-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-21 64,521 39,888 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,888 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,888 24,622 171,676 106,1						-	-	-			
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Nov-19 429,189 265,402 163,787 111,035 68,662 42,373 540,224 334,063 206,161		Sep-19									
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Feb-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Mar-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 May-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jul-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Aug-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Sep-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Nov-20 184,144 113,871 70,273 146,989 90,895 56,094 <			•								
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Apr-20											
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Jun-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jul-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Aug-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Sep-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jan-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Mar-21 64,521 39,898 24,622 171,676 106,161 65,515								, ,		,	
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Sep-20											
Oct-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Nov-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jan-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Feb-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 May-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,19											
Nov-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jan-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Mar-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 May-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196<											
Dec-20 184,144 113,871 70,273 146,989 90,895 56,094 331,133 204,766 126,367 Jan-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Feb-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Mar-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 May-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 <td></td>											
Jan-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Feb-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Mar-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196											
Feb-21											
Mar-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 May-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Oct-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196	+										
Apr-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 May-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jun-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Oct-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137	1										
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Jun-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Oct-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137											
Jul-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Oct-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137											
Aug-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Sep-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Oct-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137											
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Nov-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137 Occ.21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137		•									
Dec-21 64,521 39,898 24,622 171,676 106,161 65,515 236,196 146,059 90,137	l										
D00-21	+			·							
- I January I Tannii 1991 1921 1930 90 90 90 90 90 90 90 90 90 90 90 90 90		Jan-22	1,366	845	521	73,658	45,548		75,023	46,393	28,630

Attachment A

	Ori	ginal EE	17	Increme	ental Exte	nsion	Updated	Cumulati	ve EE17
Γ	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
Feb-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Mar-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Apr-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
May-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Jun-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Jul-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Aug-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Sep-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Oct-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Nov-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Dec-22	1,366	845	521	73,658	45,548	28,109	75,023	46,393	28,630
Jan-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Feb-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Mar-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Apr-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
May-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Jun-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Jul-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Aug-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Sep-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Oct-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Nov-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Dec-23	1,407	870	537	25,808	15,959	9,849	27,215	16,829	10,386
Jan-24	1,449	896	553	546	338	208	1,995	1,234	761
Feb-24	1,449	896	553	· 546	338	208	1,995	1,234	761
Mar-24	1,449	896	553	546	338	208	1,995	1,234	761
Apr-24	1,449	896	553	546	338	208	1,995	1,234	761
May-24	1,449	896	553	546	338	208	1,995	1,23 <u>4</u>	761
Jun-24	1,449	896	553	546	338	208	1,995	1,234	761
Jul-24	1,449	896	553	546	338	208	1,995	1,234	761
Aug-24	1,449	896	553	546	338	208	1,995	1,234	761
Sep-24	1,449	896	553	546	- 338	208	1,995	1,234	761
Oct-24	1,449	896	553	546	338	_208	1,995	1,234	761
Nov-24	1,449	896	553	546	338	208	1,995	1,234	761
Dec-24	1,449	. 896	553	546	338	208	1,995	1,234	761
Jan-25	1,492	923	570	563	. 348	215	2,055	1,271	784
Feb-25	1,492	923	570	563	348	215	2,055	1,271	784
Mar-25	1,492	923	570	563	348	215	2,055	1,271	784
Apr-25	1,492	923	570	563	348	215	2,055	1,271	784
May-25	1,492	923	570	563	348	215	2,055	1,271	784
Jun-25	1,492	923	570	563	348	215	2,055	1,271	784
Jul-25	1,492	923	570	563	348	215	2,055	1,271	784
Aug-25	1,492	923	570	563	348	215	2,055	1,271	784
Sep-25	1,492	923	570	563	348	215	2,055	1,271	784
Oct-25	1,492	923	570	563	348	215	2,055	1,271	784
Nov-25	1,492	923	570	563	348	215	2,055	1,271	784
Dec-25	1,492	923	570	563	348	215	2,055	1,271	784
Jan-26	1,537	951_	587	580	358	221	2,117	1,309	808
Feb-26	1,537	951	587	580	358	221	2,117	1,309	808
Mar-26	1,537	951	587	580	358	221	2,117	1,309	808
Apr-26	1,537	951	587	580	358	221	2,117	1,309	808
May-26	1,537	951	587	580	358	221	2,117	1,309	808

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			ginal EE			ental Exte			Cumulati	
		Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
	Jun-26	1,537	951	587	580	358	221	2,117	1,309	808
	Jul-26	1,537	951	587	580	358	221	2,117	1,309	808
	Aug-26	1,537	951	587	580	358	221	2,117	1,309	808
	Sep-26	1,537	951	587	580	358	221	2,117	1,309	808
	Oct-26	1,537	951	587	580	358	221	2,117	1,309	808
1	Nov-26	1,537	951	587	580	358	221	2,117	1,309	808
	Dec-26	1,537	951	587	580	358	221	2,117	1,309	808
	Jan-27	1,583	979	604	597	369	228	2,180	1,348	832
ľ	Feb-27	1,583	979	604	597	369	228	2,180	1,348	832
	Mar-27	1,583	979	604	597	369	228	2,180	1,348	832
	Apr-27	1,583	979	604	597	369	228	2,180	1,348	. 832
T	May-27	1,583	979	604	597	369	228	2,180	1,348	832
	Jun-27	1,583	979	604	597	369	228	2,180	1,348	832
	Jul-27	1,583	979	604	597	. 369	228	2,180	1,348	832
	Aug-27	1,583	979	604	597	369	228	2,180	1,348	832
	Sep-27	1,583	. 979	604	597	369	228	2,180	1,348	∙832
_	Oct-27	1,583	979	604	597	369	228	2,180	1,348	832
	Nov-27	1,583	979	604	597	369	228	2 180	1,348	832
	Dec-27	1,583	979	604	597	369	228	2,180	1,348	832
ı	Jan-28	1,631	1,008	622	615	380	235	2,246	1,389	857
1	Feb-28	1,631	1,008	622	615	380	235	2,246	1,389	857
\dashv	Mar-28	1,631	1,008	622	615	380	235	2.246	1,389	857
	Apr-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	May-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Jun-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Jul-28	1,631	1,008	622	615	380	235	2,246	1,389	857
_	Aug-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Sep-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Oct-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Nov-28	1,631	1,008	622	615	380	235	2,246	1,389	857
	Dec-28	1,631	1,008	622	615	380	235	2,246	1,389	857
_	Jan-29	1,680	1,039	641	633	392	242	2,313	1,430	883
		1,680	1,039	641	633	392	242	2,313	1,430	883
	' Feb-29		1,039	641	- 633	392	242	2,313	1,430	883
	Mar-29	1,680 1,680	1,039	641	633	392	242	2,313	1,430	883
	Apr-29	1,680	1,039	641	633	392	242	2,313	1,430	883
_	May-29		1,039	641	633	392	242	2,313	1,430	883
	Jun-29	1,680 1,680	1,039	641	633	392	242	2,313	1,430	883
	Jul-29		1,039	641	633	392	242	2,313	1,430	883
	Aug-29	1,680	1,039	641	633	392	242	2,313	1,430	883
	Sep-29	1,680	1,039	641	633	392	242	2,313	1,430	883
_	Oct-29	1,680		641	633	392	242	2,313	1,430	883
	Nov-29	1,680	1,039		633	392	242	2,313	1,430	883
	Dec-29	1,680	1,039	641	652	403	242	652	403	249
	Jan-30	l -	_		652	403	249	652	403	249
	Feb-30		_	-	652	403	249	652	403	249
	Mar-30	<u> </u>	-		652 652	403	249	652	403	249
	Apr-30	-	-	, -		403	249 249	652	403	249
	May-30	· -	-	j -	652 652	403	249	652	403	249
	Jun-30	-	-	-		403 403	249	652	403	249
	Jul-30	-	-	-	652		249	652	403	249
_	Aug-30	-			652	403		652	403	249
	Sep-30	-	_	-	652	403	249	052	403	249

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	Ori	ginal EE	17	Increm	ental Exte	nsion	Updated	Cumulati	ve EE17
	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
Oct-30	_	-	-	652	403	249	652	403	249
Nov-30	-	-	-	652	403	249	652	403	249
Dec-30) - <u> </u>	- 1		652	403	249	652	403	249
Jan-31	- '		-	672	415	256	672	415	256
Feb-31	_	-	-	672	415	256	672	415	256
Mar-31	-	-	-	672	415	256	672	415	256
Apr-31	_	-	-	672	415	256	672	415	256
May-31	-	-	- 1	672	415	256	672	415	256
Jun-31	-	- :	- [672	415	256	672	415	256
Jul-31	-		-	672	415	256	672	415	256
Aug-31	-	-	-	672	415	256	672	415	256
Sep-31		-	1	672	415	256	672	415	256
Oct-31	l -	_	-	672	415	256	672	415	256
Nov-31	_	_	-	672	415	256	672	415	256
Dec-31	-	-	-	672	415	256	672	415	256
Jan-32	- '	-	-	-	_	-	-	-	
Feb-32	_	-	-	-	_	-	-	-	
Mar-32	_	-	-	-	_	-	-	-	
Apr-32	_					- :		-	
May-32	_	-	-	-	-	-	-	-	-
Jun-32	_		-	-	-		-		
Jul-32	-	-	-	-	-	-	-	-	
Aug-32	-	-	-	-	-	- 1	-	-	-
Sep-32 '	_	-	· -	-		-	-	_	
Oct-32	-	-	-	- 1	-	-	•	-	
Nov-32	-	-	-	_	-	-		-	
Dec-32		_	-		-	<u> </u>	-		
Total	13,800,000	8,533,636	5,266,364	5,520,000	3,413,454	2,106,546	19,320,000	11,947,090	7,372,910

Attachment A

	Original EE17			Incremental Extension			Updated Cumulative EE17		
!	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
Annual Atlowance									
2017	1,110,350	686,617	423,732	-	-	-	1,110,350	686,617	423,732
2018	4,409,666	2,726,847	1,682,819	-	-	-	4,409,666	2,726,847	1,682,819
2019	5,150,270	3,184,821	1,965,449	444,140	274,647	169,493	5,594,410	3,459,468	2,134,942
2020	2,209,727	1,366,450	843,277	1,763,866	1,090,739	673,128	3,973,593	2,457,188	1,516,405
2021	774,249	478,780	295,469	2,060,108	1,273,928	786,180	2,834,357	1,752,708	1,081,649
2022	16,389	10,135	6,254	883,891	546,580	337,311	900,280	556,715	343,565
2023	16,881	10,439	6,442	309,700	191,512	118,188	326,581	201,951	124,630
2024	17,387	10,752	6,635	6,556	4,054	2,502	23,943	14,806	9,137
2025	17,909	11,075	6,834	6,752	4,176	2,577	24,661	15,250	9,411
2026	18,446	11,407	7,039	6,955	4,301	2,654	25,401	15,708	9,694
2027	19,000	11,749	7,251	7,164	4,430	2,734	26,163	16,179	9,984
2028	19,570	12,101	7,468	7,379	4,563	2,816	26,948	16,664	10,284
2029	20,157	12,464	7,692	7,600	4,700	2,900	27,757	17,164	10,592
2030]	_		7,828	4,841	2,987	7,828	4,841	2,987
2031	l · _ ·	-	_	8,063	4,986	3,077	8,063	4,986	3,077
2032					-	-			
Total	13,800,000	8,533,636	5,266,364	5,520,000	3,413,454	2,106,546	19,320,000	11,947,090	7,372,910