

Richard G. Webster, Jr.
Vice President
Regulatory Policy and Strategy

PECO
2301 Market Street
S18
Philadelphia, PA 19103

Telephone 215.841.5777
Fax 215.841.6208
www.peco.com
dick.webster@peco-energy.com

January 31, 2020

**Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265**

**Subject: Proposed Change to PECO Energy Company's Consumer Education Charge (CEC) - Electric Tariff No. 6 Supplement No. 27
Issued January 31, 2020 to become effective on April 1, 2020
Docket No. R-2009-2099208**

Dear Secretary Chiavetta:

In accordance with PECO's approved Consumer Education Charge ("CEC") for the recovery of consumer education plan costs at Docket No. R-2009-2099208, PECO submits the following filing to be effective on April 1, 2020.

For Class 1 (Rates R, RH and CAP) the monthly Fixed Distribution Service Charge is a credit value of (\$0.01), increased from (\$0.02.)

For Class 2 and 3 (Rate GS) the monthly Fixed Distribution Service Charge will remain a value of \$0.00.

For Class 4 (Rates HT and PD), the new monthly Fixed Distribution Service is a credit value of (\$0.08), increased from (\$0.11.)

The changes will be effective for usage beginning April 1, 2020 through March 31, 2021.

This filing includes the following attachments:

- Attachment 1 - Supplement No. 27 to Tariff Electric No. 6
- Attachment 2 - 2020 Expenditures by Class
- Attachment 3 - Calculation for Class 1 (Rates R, RH and CAP)
- Attachment 4 - Calculation for Class 2 and 3 (Rate GS)
- Attachment 5 - Calculation for Class 4 (Rates HT and PD)

Rosemary Chiavetta, Secretary
January 31, 2020
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Thank you for your assistance in this matter and please direct any questions regarding the above to Richard Schlesinger, Manager, Retail Rates at (215) 841-5771.

Sincerely,



Richard G. Webster, Jr.
Vice President
Regulatory Policy & Strategy

Copies to: P. T. Diskin, Director - Bureau of Technical Utility Services
R. A. Kanaskie, Director - Bureau of Investigation and Enforcement
K. A. Monaghan, Director - Bureau of Audits
K. G. Sophy, Director - Office of Special Assistants
McNees, Wallace & Nurick
Office of Consumer Advocate
Office of Small Business Advocate

ATTACHMENT 1

PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 4.

Issued January 31, 2020

Effective April 1, 2020

**ISSUED BY: M. A. Innocenzo – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19103**

NOTICE

LIST OF CHANGES MADE BY THIS SUPPLEMENT

Provision for the Recovery of Consumer Education Plan Costs – 2nd Revised Page No. 41

Reflects annual update to Consumer Education.

Rate R Residence Service – 9th Revised Page No. 49

Increased the Fixed Distribution Service Charge to reflect the Consumer Education Plan Costs.

Rate R-H Residential Heating Service – 9th Revised Page No. 50

Increased the Fixed Distribution Service Charge to reflect the Consumer Education Plan Costs.

Rate PD Primary Distribution Power – 5th Revised Page No. 56

Increased the Fixed Distribution Service Charge to reflect the Consumer Education Plan Costs.

Rate HT High Tension Power – 5th Revised Page No. 57

Increased the Fixed Distribution Service Charge to reflect the Consumer Education Plan Costs

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PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of expenditures associated with the Company's proposed consumer education plan for the transition to a competitive energy market. The proposed plan shall consist of the cost of the consumer education plan approved in Docket M-2008-2032274 and P-2008-2062739. Included in these costs shall be the cost of educating customers on available mitigation options such as the Voluntary Market Rate Phase-In Rider.

Applicability: The surcharge shall be a per customer charge calculated to the nearest one cent, which shall be added to the fixed distribution rates for billing purposes for all customers. The rate shall be calculated separately for each procurement class. The current Consumer Education Plan Cost for each Class 1 is a 1.0 cent credit per month for Rates R, RH and CAP, Class 2 and 3 is a 0.0 cent per month for Rate GS and for Class 4 is 8.0 cent credit per month for Rates HT and PD with an April 1, 2020 effective date. (I)
(C), (I)

Billing Provisions: The surcharge shall be calculated on an annual basis using the following formula:

$$MC(n) = \frac{(C+S+E+I)}{R(n)} \times \frac{1}{(1-T)}$$

C – the cost of the consumer education program includes the following:

Consumer Education Costs –The incremental cost of programs designed to educate consumers regarding the coming transition to a competitive market such as advertising, customer notices, informational materials cost, and any other incremental cost associated with educating consumers about the market and about available mitigation programs offered by the Company less any cost covered by the Company's Paragraph 37 Funds. Costs associated with this program shall be expensed to FERC account 910. Also includes the costs of the new residential Customer Assistance Program (CAP) consumer education program per Docket No. M-2012-2290911.

MC(n) = consumer education cost and supplier-oriented bill cost per customer for procurement class n including over/(under) recovery and associated interest.

E – The estimated over or (under) recovery from the prior year. The reconciliation period shall be the 12 months ended December 31

S – The cost of implementing the supplier-oriented bill as approved in the Final Order at Docket No. M-2014-2401345.

I – Interest on any over or (under) recovery balance. Interest shall be a rate of 6% and shall be calculated from the month of over or under collection to the mid-point of the recovery period.

N – Procurement class where 1 = residential, 2 = C&I up to 100 kW, 3 = C&I from 100-500 kW, and 4 = C&I >500 kW

R – The total delivery service customers for the procurement class for the application period where the application period shall be the 12-month period commencing annually on April 1 after the reconciliation period.

T – The current Pennsylvania gross receipt tax rate included in base rates.

Filing Schedule: The estimated surcharge shall be filed by February 1 of each year to be effective on the following April 1. The application period shall be the 12 months that start the April 1 effective date of the surcharge. The Bureau of Audits shall audit the data in the surcharge on an annual basis.

(C) Denotes Change
(I) Denotes Increase

RATE R RESIDENCE SERVICE

AVAILABILITY.

Single phase service in the entire territory of the Company to the dwelling and appurtenances of a single private family (or to a multiple dwelling unit building consisting of two to five dwelling units, whether occupied or not), for the domestic requirements of its members when such service is supplied through one meter. Service is also available for related farm purposes when such service is supplied through one meter in conjunction with the farmhouse domestic requirements.

Each dwelling unit connected after May 10, 1980 except those dwelling units under construction or under written contract for construction as of that date must be individually metered for their basic service supply. Centrally supplied master metered heating, cooling or water heating service may be provided if such supply will result in energy conservation.

The term "residence service" includes service to: (a) the separate dwelling unit in an apartment house or condominium, but not the halls, basement, or other portions of such building common to more than one such unit; (b) the premises occupied as the living quarters of five persons or less who unite to establish a common dwelling place for their own personal comfort and convenience on a cost sharing basis; (c) the premises owned by a church, and primarily designated or set aside for, and actually occupied and used as, the dwelling place of a priest, rabbi, pastor, rector, nun or other functioning Church Divine, and the resident associates; (d) private dwellings in which a portion of the space is used for the conduct of business by a person residing therein; (e) A detached garage, located on the same premises as the customer's dwelling unit, that is utilized solely for the domestic requirements of the dwelling unit's members and is served through the same meter as the dwelling unit; (g) A detached garage, located on the same premises as the customer's dwelling unit, that is utilized solely for the domestic requirements of the dwelling unit's members and requires separate metering service as a result of wiring restrictions or legal requirements.

The term does NOT include service to: (a) Premises institutional in character including Clubs, Fraternities, Orphanages or Homes; (b) premises defined as a rooming house or boarding house in the Municipal Code for Cities of the First Class enacted by Act of General Assembly; (c) a premises containing a residence unit but primarily devoted to a professional or other office, studio, or other gainful pursuit; (d) electric furnaces or welding apparatus other than a transformer type "limited input" arc welder with an input not to exceed 37 1/2 amperes at 240 volts.

CURRENT CHARACTERISTICS. Standard single phase secondary service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE: \$9.98

FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.94

(I)

VARIABLE DISTRIBUTION SERVICE CHARGE:

All kWhs \$0.06505 per kWh

ENERGY SUPPLY CHARGE:

Refer to the Generation Supply Adjustment Procurement Class 1.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

MINIMUM CHARGE: The minimum charge per month will be the Fixed Distribution Service Charge.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

PAYMENT TERMS. Standard.

(I) Denotes Increase

RATE R H RESIDENTIAL HEATING SERVICE

AVAILABILITY.

Single phase service to the dwelling and appurtenances of a single private family (or to a multiple dwelling unit building consisting of two to five dwelling units, whether occupied or not), for domestic requirements when such service is provided through one meter and where the dwelling is heated by specified types of electric space heating systems. The systems eligible for this rate are (a) permanently connected electric resistance heaters where such heaters supply all of the heating requirements of the dwelling, (b) heat pump installations where the heat pump serves as the heating system for the dwelling and all of the supplementary heating required is supplied by electric resistance heaters, and (c) heat pump installations where the heat pump serves as the heating system for the dwelling and all of the supplementary heating required is supplied by non electric energy sources. All space heating installations must meet Company requirements. This rate schedule is not available for commercial, institutional or industrial establishments.

Each dwelling unit connected after May 10, 1980 except those dwelling units under construction or under written contract for construction as of that date, must be individually metered.

CURRENT CHARACTERISTICS. Standard single phase secondary service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE: \$9.98

FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.94

(I)

VARIABLE DISTRIBUTION SERVICE CHARGE:

SUMMER MONTHS. (June through September)

\$0.06505 per kWh for all kWh.

WINTER MONTHS. (October through May)

\$0.04828 per kWh for all kWh

ENERGY SUPPLY CHARGE:

Refer to the Generation Supply Adjustment Procurement Class 1.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

MINIMUM CHARGE. The minimum charge per month will be the Fixed Distribution Service Charge.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

COMBINED RESIDENTIAL AND COMMERCIAL SERVICE. Where a portion of the service provided is used for commercial purposes, the appropriate general service rate is applicable to all service; or, at the option of the customer, the wiring may be so arranged that the residential service may be separately metered and this rate is then applicable to the residential service only.

PAYMENT TERMS. Standard.

(I) Denotes Increase

RATE-PD PRIMARY DISTRIBUTION POWER

AVAILABILITY.

Untransformed service from the primary supply lines of the Company's distribution system where the customer installs, owns, and maintains any transforming, switching and other receiving equipment required. However, standard primary service is not available in areas where the distribution voltage has been changed to either 13 kV or 33 kV unless the customer was served with standard primary service before the conversion of the area to either 13 kV or 33 kV. This rate is available only for service locations served on this rate on July 6, 1987 as long as the original primary service has not been removed. PECO Energy may refuse to increase the load supplied to a customer served under this rate when, in PECO Energy's sole judgment, any transmission or distribution capacity limitations exist. If a customer changes the billing rate of a location being served on this rate, PECO Energy may refuse to change that location back to Rate PD when, in PECO Energy's sole judgment, any transmission or distribution capacity limitations exist.

CURRENT CHARACTERISTICS.

Standard primary service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE: \$295.86

(I)

VARIABLE DISTRIBUTION SERVICE CHARGE:

\$7.26 per kW of billing demand
(\$0.0006) per kWh for all kWh

ENERGY EFFICIENCY CHARGE: \$0.90 per kW of Peak Load Contribution

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Classes 2 and 3/4.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), NUCLEAR DECOMMISSIONING COST ADJUSTMENT PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

DETERMINATION OF BILLING DEMAND.

The billing demand will be computed to the nearest kilowatt and will never be less than the measured demand, adjusted for power factor in accordance with the Rules and Regulations, nor less than 25 kilowatts. The 25kW minimum shall apply to the Energy Supply Charge and the Transmission Supply Charge. Additionally, the billing demand will not be less than 40% of the maximum demand specified in the contract.

MINIMUM CHARGE.

The monthly minimum charge shall be the Fixed Distribution Service Charge, plus the charge per kW component of the Variable Distribution Service Charge, plus in the case of Procurement Class 3/4 customers, charges assessed under PJM's reliability pricing model.

TERM OF CONTRACT.

The initial contract term shall be for at least three years.

PAYMENT TERMS.

Standard.

(I) Denotes Increase

RATE-HT HIGH TENSION POWER

AVAILABILITY.

Untransformed service from the Company's standard high tension lines, where the customer installs, owns, and maintains, any transforming, switching and other receiving equipment required.

CURRENT CHARACTERISTICS.

Standard high tension service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE: \$353.76

(I)

VARIABLE DISTRIBUTION SERVICE CHARGE:

\$4.89 per kW of billing demand
(\$0.0006) per kWh for all kWh

HIGH VOLTAGE DISTRIBUTION DISCOUNT:

For customers supplied at 33,000 volts: \$0.15 per kW of measured demand.
For customers supplied at 69,000 volts: \$1.21 per kW of measured demand.
For customers supplied over 69,000 volts: \$1.21 per kW of measured demand.

ENERGY EFFICIENCY CHARGE: \$0.90 per kW of Peak Load Contribution

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Classes 2 and 3/4.

TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service Charge shall apply.

STATE TAX ADJUSTMENT CLAUSE, DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC), FEDERAL TAX ADJUSTMENT CREDIT (FTAC), PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND NUCLEAR DECOMMISSIONING COST ADJUSTMENT APPLY TO THIS RATE.

DETERMINATION OF BILLING DEMAND.

The billing demand will be computed to the nearest kilowatt and will never be less than the measured demand, adjusted for power factor in accordance with the Rules and Regulations, nor less than 25 kilowatts. Additionally, the billing demand will not be less than 40% of the maximum demand specified in the contract. The 25 kW minimum shall apply to the Energy Supply Charge and the Transmission Supply Charge.

CONJUNCTIVE BILLING OF MULTIPLE DELIVERY POINTS.

If the load of a customer located at a delivery point becomes greater than the capacity of the standard circuit or circuits established by the Company to supply the customer at that delivery point, upon the written request of the customer, the Company will establish a new delivery point and bill the customer as if it were delivering and metering the two services at a single point, as long as installation of the new service is, in the Company's opinion, less costly for the Company than upgrading the service to the first delivery point and provided that such multi-point delivery is not disadvantageous to the Company.

MINIMUM CHARGE.

The monthly minimum charge shall be the Fixed Distribution Service Charge, plus the charge per kW component of the Variable Distribution Service Charge, and modify less the high voltage discount where applicable plus in the case of Procurement Class 3/4 customers, charges assessed on PJM's reliability pricing model.

TERM OF CONTRACT.

The initial contract term shall be for at least three years.

PAYMENT TERMS.

Standard.

(I) Denotes Increase

ATTACHMENT 2

Attachment 2
PECO Energy Consumer Education Cost Recovery
2019 Expenditures by Class
January 31, 2020

	<u>Class 1 (Rates R, RH, and CAP)</u>	<u>Class 2 and 3 (Rate GS)</u>	<u>Class 4 (Rates HT and PD)</u>	<u>Total</u>
Jan-19	\$0	\$0	\$0	\$0
Feb-19	\$0	\$0	\$0	\$0
Mar-19	\$0	\$0	\$0	\$0
Apr-19	\$0	\$0	\$0	\$0
May-19	\$0	\$0	\$0	\$0
Jun-19	\$0	\$0	\$0	\$0
Jul-19	\$0	\$0	\$0	\$0
Aug-19	\$0	\$0	\$0	\$0
Sep-19	\$0	\$0	\$0	\$0
Oct-19	\$0	\$0	\$0	\$0
Nov-19	\$0	\$0	\$0	\$0
Dec-19	\$0	\$0	\$0	\$0
Total 2019 CEC Expenditures	\$0	\$0	\$0	\$0

ATTACHMENT 3

Attachment 3
PECO Energy Consumer Education Cost Recovery Calculation
For Class 1 (Rates R, RH and CAP)
January 31, 2020

$$MC(n) = (C+S+E+I)/R(n)$$

	<u>Amount</u>	<u>\$ Per Customer / Month</u>
(1) C = Consumer Education Costs	\$0	\$0.00000
(2) S = Supplier-Oriented Bill Costs	\$0	\$0.00000
(3) E = Experienced Net (Over)/Under	(\$180,105)	(\$0.01009)
(4) I = Interest (Over)/Under	(\$13,710)	(\$0.00077)
(5) Net Recoverable (C+S+E+I)	<u>(\$193,815)</u>	<u>(\$0.01086)</u>
(6) R = Average Monthly Customer Count ^(a)	1,487,015	
(7) Monthly CEC	(\$0.01)	
(8) Adjusted for GRT^(b): (7)*(1-(1-0.059))	(\$0.01)	

^(a) Per PECO Electric Sales Report

^(b) Applicable GRT is 5.9%

Attachment 3
PECO Energy Consumer Education Cost Recovery
Projected Costs
April 1, 2020 to March 31, 2021
For Class 1 (Rates R, RH, and CAP)
January 31, 2020

C-Factor Month	Projected CEC Expenditures
Apr-20	\$0
May-20	\$0
Jun-20	\$0
Jul-20	\$0
Aug-20	\$0
Sep-20	\$0
Oct-20	\$0
Nov-20	\$0
Dec-20	\$0
Jan-21	\$0
Feb-21	\$0
Mar-21	\$0
	<u>\$0</u>
	\$0

Attachment 3
PECO Energy Consumer Education Cost Recovery
Expenditures
For Class 1 (Rates R, RH, and CAP)
January 31, 2020

E-Factor Period	Expenditures ^(a)	Customer Count ^(b)	C-Factor Rate ⁽³⁾	C-Factor Revenue ^(c)	S-Factor Expenditures ^(d)	S-Factor Rate ⁽⁶⁾	S-Factor Revenue ⁽⁷⁾	C & S Factor			E-Factor Revenue ^(e)	Total Collected Revenue ^{(11) = (4) + (7) + (10)}	Over/(Under) Recovery ^{(12) = (11) - (1) - (5)}	Cumulative Over/(Under) Recovery ⁽¹³⁾
								Over/(Under) Recovery ^{(8) = (4) + (7) - (1) - (5)}	E-Factor Rate ⁽⁹⁾	E-Factor Revenue ⁽¹⁰⁾				
Balance														
Jan-19	\$0	1,480,925	\$0.01710	\$32,923	\$0	\$0.00000	\$0	\$32,923	(\$0.00892)	(\$17,174)	\$15,749	\$15,749	\$355,552	
Feb-19	\$0	1,483,360	\$0.01710	\$32,946	\$0	\$0.00000	\$0	\$32,946	(\$0.00892)	(\$17,186)	\$15,760	\$15,760	\$371,301	
Mar-19	\$0	1,484,427	\$0.01710	\$32,975	\$0	\$0.00000	\$0	\$32,975	(\$0.00892)	(\$17,201)	\$15,774	\$15,774	\$387,061	
Apr-19 ^(e)	\$0	1,485,698	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$13,070)	(\$13,070)	(\$13,070)	\$402,835	
May-19	\$0	1,487,596	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,171)	(\$26,171)	(\$26,171)	\$389,765	
Jun-19	\$0	1,487,505	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,162)	(\$26,162)	(\$26,162)	\$363,594	
Jul-19	\$0	1,486,973	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,155)	(\$26,155)	(\$26,155)	\$337,433	
Aug-19	\$0	1,486,598	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,176)	(\$26,176)	(\$26,176)	\$311,277	
Sep-19	\$0	1,487,813	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,198)	(\$26,198)	(\$26,198)	\$285,101	
Oct-19	\$0	1,489,046	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,235)	(\$26,235)	(\$26,235)	\$258,903	
Nov-19	\$0	1,491,121	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,270)	(\$26,270)	(\$26,270)	\$232,668	
Dec-19	\$0	1,493,112	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.02009)	(\$26,293)	(\$26,293)	(\$26,293)	\$206,398	
	\$0			\$98,843	\$0		\$0	\$98,843	(\$274,291)	(\$175,447)	(\$175,447)	(\$175,447)	\$180,105	
Total Recovery E-Factor													\$180,105	

^(a) In accordance with PECO Consumer Education Plan, approved at Docket No. M-2008-2032274.

^(b) Per monthly PECO Electric Sales Report.

^(c) C Factor, S Factor and E Factor Revenues are allocated on a percentage basis.

^(d) Recovery of Joint Electric Distribution Company/Electric Generator Supplier bill costs in accordance with Final Order at Docket No. M-2014-2401345, entered May 23, 2014.

^(e) April 2019 was pro-rated. Net effect of pro-ration was a rate of (\$0.01).

Attachment 3
PECO Energy Consumer Education Cost Recovery
Interest Calculation
For Class 1 (Rates R, RH and CAP)
January 31, 2020

E-Factor Period	Customer Count (1)	C & S Factor Over/(Under) Recovery (2)	Interest Rate (a) (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Refund Rate (6)	Interest Collection/ (Refund) (b) (7)	Total Interest (8) = (5) + (7)	Cumulative Interest Owed/ (Interest Recouped) (9)
Balance									\$24,723
Jan-19	1,480,925	\$32,923	6%	21/12	\$3,457	(\$0.00093)	(\$1,791)	\$1,666	\$26,389
Feb-19	1,483,360	\$32,946	6%	20/12	\$3,295	(\$0.00093)	(\$1,792)	\$1,503	\$27,892
Mar-19	1,484,427	\$32,975	6%	19/12	\$3,133	(\$0.00093)	(\$1,793)	\$1,339	\$29,231
Apr-19 (c)	1,485,698	\$0	6%	18/12	\$0	(\$0.00140)	(\$911)	(\$911)	\$28,321
May-19	1,487,596	\$0	6%	17/12	\$0	(\$0.00140)	(\$1,824)	(\$1,824)	\$26,497
Jun-19	1,487,505	\$0	6%	16/12	\$0	(\$0.00140)	(\$1,823)	(\$1,823)	\$24,674
Jul-19	1,486,973	\$0	6%	15/12	\$0	(\$0.00140)	(\$1,823)	(\$1,823)	\$22,851
Aug-19	1,486,598	\$0	6%	14/12	\$0	(\$0.00140)	(\$1,824)	(\$1,824)	\$21,027
Sep-19	1,487,813	\$0	6%	13/12	\$0	(\$0.00140)	(\$1,826)	(\$1,826)	\$19,201
Oct-19	1,489,046	\$0	6%	12/12	\$0	(\$0.00140)	(\$1,828)	(\$1,828)	\$17,373
Nov-19	1,491,121	\$0	6%	11/12	\$0	(\$0.00140)	(\$1,831)	(\$1,831)	\$15,542
Dec-19	1,493,112	\$0	6%	10/12	\$0	(\$0.00140)	(\$1,832)	(\$1,832)	\$13,710
		\$98,843			\$9,884		(\$20,897)	(\$11,013)	
									\$13,710
									Net Interest
									\$13,710

(a) Per approved Consumer Education Charge at Docket No. R-2009-2099208.
(b) Interest Revenues are allocated on a percentage basis.
(c) April 2019 was pro-rated. Net effect of pro-ratio was a rate of (\$0.01).

ATTACHMENT 4

Attachment 4
PECO Energy Consumer Education Cost Recovery Calculation
For Class 2 and 3 (Rate GS)
January 31, 2020

$$MC(n) = (C+S+E+I)/R(n)$$

	<u>Amount</u>	<u>\$ Per Customer / Month</u>
(1) C = Consumer Education Costs	\$0	\$0.00000
(2) S = Supplier-Oriented Costs	\$0	\$0.00000
(3) E = Experienced Net (Over)/Under	\$257	\$0.00014
(4) I = Interest	\$396	\$0.00022
(5) Net Recoverable (C+S+E+I)	<u>\$652</u>	<u>\$0.00035</u>
(6) R = Average Monthly Customer Count ^(a)	153,279	
(7) Monthly CEC	\$0.00	
(8) Adjusted for GRT ^(b): (7)*1/(1-0.059)	\$0.00	

^(a) Per PECO Electric Sales Forecast

^(b) Applicable GRT is 5.9%

Attachment 4
PECO Energy Consumer Education Cost Recovery
Projected Costs
April 1, 2020 to March 31, 2021
For Class 2 and 3 (Rate GS)
January 31, 2020

C-Factor Month	Projected CEC Expenditures
Apr-20	\$0
May-20	\$0
Jun-20	\$0
Jul-20	\$0
Aug-20	\$0
Sep-20	\$0
Oct-20	\$0
Nov-20	\$0
Dec-20	\$0
Jan-21	\$0
Feb-21	\$0
Mar-21	\$0
	<u>\$0</u>
	\$0

Attachment 4
PECO Energy Consumer Education Cost Recovery
Expenditures
For Class 2 and 3 (Rate GS)
January 31, 2020

E-Factor Period	Customer Expenditures ⁽¹⁾	Customer Count ⁽²⁾	C-Factor Rate ⁽³⁾	C-Factor Revenue ⁽⁴⁾	S-Factor Expenditures ⁽⁵⁾	S-Factor Rate ⁽⁶⁾	S-Factor Revenue ⁽⁷⁾	C & S Factor Over/(Under) Recovery ^{(8) = (4) + (7) - (1) - (5)}	E-Factor Rate ⁽⁹⁾	E-Factor Revenue ⁽¹⁰⁾	Total Collected Revenue ^{(11) = (4) + (7) + (10)}	Over/(Under) Recovery ^{(12) = (11) - (1) - (5)}	Cumulative Over/(Under) Recovery ⁽¹³⁾
Balance													
Jan-19	\$0	152,797	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00907	\$1,287	\$1,287	\$1,287	(\$5,299)
Feb-19	\$0	152,942	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00907	\$1,286	\$1,286	\$1,286	(\$4,012)
Mar-19	\$0	152,942	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00907	\$1,287	\$1,287	\$1,287	(\$2,726)
Apr-19 ⁽⁴⁾	\$0	153,042	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$1,182	\$1,182	\$1,182	(\$1,439)
May-19	\$0	153,216	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Jun-19	\$0	153,344	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Jul-19	\$0	153,387	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Aug-19	\$0	153,385	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Sep-19	\$0	153,407	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Oct-19	\$0	153,400	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Nov-19	\$0	153,606	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
Dec-19	\$0	153,879	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.00290	\$0	\$0	\$0	(\$257)
	\$0			\$0	\$0		\$0			\$5,042	\$5,042	\$5,042	
Total Recovery E-Factor												(\$257)	

⁽¹⁾ In accordance with PECO Consumer Education Plan, approved at Docket No. M-2008-2032274

⁽²⁾ Per monthly PECO Electric Sales Report

⁽³⁾ C Factor, S Factor and E Factor Revenues are allocated on a percentage basis.

⁽⁴⁾ Recovery of Joint Electric Distribution Company/Electric Generator Supplier bill costs in accordance with Final Order at Docket No. M-2014-2401345, entered May 23, 2014.

⁽⁵⁾ April 2019 was pro-rated. Net effect of pro-ration was a rate of \$0.01.

ATTACHMENT 5

PECO Energy Consumer Education Cost Recovery Calculation
 For Class 4 (Rates HT and PD)
 January 31, 2020

$$MC(n) = (C+S+E+I)/R(n)$$

	Amount	\$ Per Customer / Month
(1) C = Consumer Education Costs	\$0	\$0.00000
(2) S = Supplier-Oriented Costs	\$0	\$0.00000
(2) E = Experienced Net (Over)/Under	(\$2,782)	(\$0.07456)
(3) I = Interest	(\$1)	(\$0.00002)
(4) Net Recoverable (C+S+E+I)	<u>(\$2,783)</u>	<u>(\$0.07458)</u>
(5) R = Average Monthly Customer Count ^(a)	3,110	
(6) Monthly CEC	(\$0.07)	
(7) Adjusted for GRT ^(b) : (7)*1/(1-0.059)	(\$0.08)	

^(a) Per PECO Sales Report

^(b) Applicable GRT is 5.9%

Attachment 5
PECO Energy Consumer Education Cost Recovery
Projected Costs
April 1, 2020 to March 31, 2021
For Class 4 (Rates HT and PD)
January 31, 2020

C-Factor Month	Projected CEC Expenditures
Apr-20	\$0
May-20	\$0
Jun-20	\$0
Jul-20	\$0
Aug-20	\$0
Sep-20	\$0
Oct-20	\$0
Nov-20	\$0
Dec-20	\$0
Jan-21	\$0
Feb-21	\$0
Mar-21	\$0
	\$0

Attachment 5
PECO Energy Consumer Education Cost Recovery
Expenditures
For Class 4 (Rates HT and PD)
January 31, 2020

E-Factor Period	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = (4) + (7) - (1) - (5)	(9)	(10)	(11) = (4) + (7) + (10)	(12) = (11) - (1) - (5)	Cumulative Over/(Under) Recovery (13)
	Expenditures ^(a)	Customer Count ^(b)	C-Factor Rate ^(c)	C-Factor Revenue ^(c)	S-Factor Expenditures ^(d)	S-Factor Rate ^(d)	S-Factor Revenue ^(d)	C & S Factor Over/(Under) Recovery	E-Factor Rate ^(e)	E-Factor Revenue ^(e)	Total Collected Revenue	Over/(Under) Recovery	
Balance													\$3,864
Jan-19	\$0	3,118	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.14996	\$469	\$469	\$469	\$4,333
Feb-19	\$0	3,121	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.14996	\$468	\$468	\$468	\$4,802
Mar-19	\$0	3,116	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	\$0.14996	\$467	\$467	\$467	\$5,269
Apr-19 ^(e)	\$0	3,107	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	\$88	\$88	\$88	\$5,356
May-19	\$0	3,105	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$5,035
Jun-19	\$0	3,107	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$4,713
Jul-19	\$0	3,105	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$4,391
Aug-19	\$0	3,106	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$4,069
Sep-19	\$0	3,109	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$3,748
Oct-19	\$0	3,104	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$3,426
Nov-19	\$0	3,109	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$3,104
Dec-19	\$0	3,108	\$0.00000	\$0	\$0	\$0.00000	\$0	\$0	(\$0.10330)	(\$322)	(\$322)	(\$322)	\$2,782
	\$0			\$0	\$0		\$0	\$0		(\$1,082)	(\$1,082)	(\$1,082)	
													Total Recovery E-Factor
													\$2,782

^(a) In accordance with PECO Consumer Education Plan, approved at Docket No. M-2008-2032274

^(b) Per monthly PECO Electric Sales Report

^(c) C Factor, S Factor and E Factor Revenues are allocated on a percentage basis.

^(d) Recovery of Joint Electric Distribution Company/Electric Generator Supplier bill costs in accordance with Final Order at Docket No. M-2014-2401345, entered May 23, 2014.

^(e) April 2019 was pro-rated. Net effect of pro-ration was a rate of \$0.03.

Attachment 5
PECO Energy Consumer Education Cost Recovery
Interest Calculation
For Class 4 (Rates HT and PD)
January 31, 2020

E-Factor Period	Customer Count (1)	C & S Factor Over/(Under) Recovery (2)	Interest Rate (a) (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Refund Rate (6)	Interest Collection/ (Refund) (b) (7)	Total Interest (8) = (5) + (7)	Cumulative Interest Owed/ (Interest Recouped) (9)
Balance									(\$3)
Jan-19	3,118	\$0	6%	21/12	\$0	\$0.00024	\$1	\$1	(\$2)
Feb-19	3,121	\$0	6%	20/12	\$0	\$0.00024	\$1	\$1	(\$1)
Mar-19	3,116	\$0	6%	19/12	\$0	\$0.00024	\$1	\$1	(\$1)
Apr-19 (c)	3,107	\$0	6%	18/12	\$0	\$0.00007	(\$0)	(\$0)	(\$1)
May-19	3,105	\$0	6%	17/12	\$0	\$0.00007	\$0	\$0	(\$1)
Jun-19	3,107	\$0	6%	16/12	\$0	\$0.00007	\$0	\$0	(\$0)
Jul-19	3,105	\$0	6%	15/12	\$0	\$0.00007	\$0	\$0	(\$0)
Aug-19	3,106	\$0	6%	14/12	\$0	\$0.00007	\$0	\$0	(\$0)
Sep-19	3,109	\$0	6%	13/12	\$0	\$0.00007	\$0	\$0	\$0
Oct-19	3,104	\$0	6%	12/12	\$0	\$0.00007	\$0	\$0	\$0
Nov-19	3,109	\$0	6%	11/12	\$0	\$0.00007	\$0	\$0	\$1
Dec-19	3,108	\$0	6%	10/12	\$0	\$0.00007	\$4	\$4	\$1
		\$0			\$0		\$4	\$4	\$1
							Net Interest		\$1

(a) Per approved Consumer Education Charge at Docket No. R-2009-2099208

(b) Interest Revenues are allocated on a percentage basis.

(c) April 2019 was pro-rated. Net effect of pro-ratio was a rate of \$0.03.