



An Exelon Company

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November 15, 2016

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

SUBJECT: Non-Bypassable Transmission Service Charge (NBT) Semiannual Adjustment, PECO Energy Electric Tariff No. 5, Supplement No. 25, Effective December 1, 2016, Docket No. P-2014-2409362

Dear Secretary Chiavetta:

This filing contains PECO's semiannual adjustment to the Non-Bypassable Transmission Service Charge (NBT), effective December 1, 2016. This filing is being made in accordance with PECO's Tariff approved in Docket No. P-2014-2409362.

The following attachments are included in support of this filing:

- Attachment 1 – Revised tariff pages for NBT;
- Attachment 2 – NBT Calculation for Residential Rates R & RH;
- Attachment 3 – NBT Calculation for C&I Rate GS;
- Attachment 4 – NBT Calculation for C&I Rates HT, PD, EP;
- Attachment 5 – NBT Calculation for Street Lighting Rates SLE, SLS, POL, AL, TLCL.

Thank you for your assistance in this matter. Please direct any questions regarding the above to Richard Schlesinger, Manager, Retail Rates at (215) 841-5771.

Sincerely,

Richard G. Webster, Jr. /RAS

Copies to: C. Walker-Davis, Director, Office of Special Assistants
P. T. Diskin, Director, Bureau of Technical Utility Services
D.P. Hosler, Director, Bureau of Audits
R. A. Kanaskie, Director, Bureau of Investigation & Enforcement
Office of Consumer Advocate
Office of Small Business Advocate
McNees, Wallace & Nurick

ATTACHMENT 1

PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19101

For List of Communities Served, See Page 4.

Issued November 15, 2016

Effective December 1, 2016

**ISSUED BY: C. L. Adams – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19101**

NOTICE

LIST OF CHANGES MADE BY THIS SUPPLEMENT

Non-Bypassable Transmission Charge (NBT) – 2nd Revised Page No. 41

Reflects semi-annual changes to NBT rates.

Rate R - Residence Service - 8th Revised Page No. 48

The Variable Distribution Service Charge is decreased to a change in the Non-Bypassable Transmission Charge (NBT).

Rate RH - Residential Heating Service - 8th Revised Page No. 49

The Variable Distribution Service Charge is decreased due to a change in the Non-Bypassable Transmission Charge (NBT).

Rate GS - General Service – 7th Revised Page No. 53

The Variable Distribution Service Charge is decreased due to a change in the Non-Bypassable Transmission Charge (NBT).

Rate SL-E Street Lighting Customer Owned Facilities – 3rd Revised Page No. 62

The Variable Distribution Service Charge is increased due to a change in the Non-Bypassable Transmission Charge (NBT).

Rate TLCL - Traffic Lighting Constant Load Service – 3rd Revised Page No. 64

The Variable Distribution Service Charge is increased due to a change in the Non-Bypassable Transmission Charge (NBT).

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NON-BYPASSABLE TRANSMISSION CHARGE (NBT)

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of certain transmission service related costs incurred under the PJM open access transmission tariff on behalf of the Company's distribution service load in accordance with Docket # P-2014-2409362.

Applicability: The surcharge shall be assessed to all distribution customers. The cost shall be allocated to each rate class based upon the coincident peak used by PJM to establish the network service obligation.

Billing Provisions: The NBT shall be included in distribution rates charged to customers taking service under the Residential, Small C&I and Street Lighting class rate schedules as described below.

For Rates PD, HT, and EP (Large C&I class), a PJM Peak Load Contribution (PLC) shall be determined in accordance with PJM rules and used to calculate the NBT. Customer's PLC will be computed to the nearest kilowatt. The NBT shall be recovered through a separate charge listed on customers' bills.

The surcharge shall be calculated on a semi-annual basis using the formula below:

$NBT(n) = (C+E+I)/S(n) * 1/(1-T)$ where;

NBT(n) = transmission service cost for customer class n including over or under recovery and associated interest.

C – the transmission service charges incurred by PECO under the PJM open access transmission tariff. These costs shall include the following:

Regional Transmission Expansion Plan charges, Expansion Cost Recovery charges, Generation Deactivation/Reliability Must Run charges and any costs to implement the Non-Bypassable Transmission charge in accordance with Docket # P-2014-2409362.

E – The estimated over or under recovery from the applicable reconciliation period.

I – Interest on any over or under recovery balance. Interest shall be computed monthly at a 6% annual simple interest rate from the month that the overcollection or undercollection occurs to the mid-point of the recovery period.

n – rate class where: 1 = residential, 1a = RH, 2 = small C&I, 3 = large C&I, 4 = street lighting

Residential – Rates R, RH (reconciled as a group)

Small C&I – Rate GS

Large C&I – Rates HT, PD, EP (reconciled as a group)

Street Lighting – SLE, SLS, POL, AL, TLCL (reconciled as a group)

S – Estimated distribution service sales for residential class and the street lighting class in the applicable application period. For the Small C&I class (Rate GS) it shall be the estimated billed demand for the applicable application period. For the Large C&I class (Rates PD, HT, and EP), the PJM PLC shall be used to calculate the NBT. The application period will be the period when rates will be in effect.

T – The currently effective gross receipts tax rate.

Filings and Reconciliations: The Company shall submit filings 15 days prior to the start of the application period beginning June 1, 2015. Thereafter, the Company will file a surcharge adjustment 15 days prior to June 1 and December 1 of each year. If it is apparent that such methodology would result in a significant over or under recovery before the next 6 month filing for an individual customer class, the Company may propose a rate adjustment 15 days prior to the next effective GSA rate adjustment date (Effective date of March 1, September 1). The annual reconciliation statement will be made by December 31 each year.

Current Non-Bypassable Transmission Rate:

R = \$.00255 per kilowatthour

RH = \$.00255 per kilowatthour

Small C&I = \$0.64 per billed kW

Large C&I = \$0.82 per kW based on the PJM PLC

Street Lighting = \$.00032 per kilowatt hour

(D)
(D)
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(I)

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) farm purpose uses by an individual employing the natural processes of growth for the production of grain, stock, dairy, poultry, garden truck, or other agricultural products.

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) farms operated principally to sell, prepare, or process products produced by others, or farms using air conditioning for climatic control in conjunction with growth processes (except those customers receiving such service as of August 2, 1969); (e) 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: \$8.43

FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.92

VARIABLE DISTRIBUTION SERVICE CHARGE:

All kWhs \$0.06796 per kWh

(D)

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, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE, NON-BYPASSABLE TRANSMISSION CHARGE,, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

PAYMENT TERMS. Standard.

(D) Denotes Decrease

PECO Energy Company

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.

Wood, solar, wind, water, and biomass systems may be used to supply a portion of the heating requirements in conjunction with service provided hereunder. Any customer system of this type that produces electric energy may not be operated concurrently with service provided by the Company except under written agreement setting forth the conditions of such operation as provided by and in accordance with the provisions of the Auxiliary Service Rider.

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: \$8.43

FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.92

VARIABLE DISTRIBUTION SERVICE CHARGE:

SUMMER MONTHS. (June through September)

\$0.06796 per kWh for all kWh.

(D)

WINTER MONTHS. (October through May)

\$0.04984 per kWh for all kWh

(D)

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, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, 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.

(D) Denotes Decrease

RATE-GS GENERAL SERVICE**AVAILABILITY.**

Service through a single metering installation for offices, professional, commercial or industrial establishments, governmental agencies, and other applications outside the scope of the Residence Service rate schedules. For service configurations that are nominally 120/208 volts, 3 phase, 4 wires and the service capacity exceeds 750 kVa for transformers located either inside or outside the building, the only rate option available to the customer will be Rate HT. For service configurations that are nominally 277/480 volts, 3 phase, 4 wires and capacity exceeds either 750 kVa for transformers located inside the building or 1,500 kVa for transformers located outside the building, the only rate option available to the customer will be Rate HT.

CURRENT CHARACTERISTICS.

Standard single-phase or polyphase secondary service.

MONTHLY RATE TABLE.**FIXED DISTRIBUTION SERVICE CHARGE:**

\$ 13.54 for single-phase service without demand measurement, or

\$ 17.45 for single-phase service with demand measurement, or

\$ 42.79 for polyphase service.

VARIABLE DISTRIBUTION SERVICE CHARGE:

\$8.04 per kW of billed demand

(\$0.0006) per kWh for all kWh

(D)

ENERGY EFFICIENCY CHARGE: (\$0.00048) per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2, 3 or 4

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

STATE TAX ADJUSTMENT CLAUSE, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

DETERMINATION OF DEMAND.

The billing demand may be measured where consumption exceeds 1,100 kilowatt-hours per month for three consecutive months; or where load tests indicate a demand of five or more kilowatts; or where the customer requests demand measurement. Measured demands will be determined to the nearest 0.1 of a kilowatt but will not be less than 1.2 kilowatts, and will be adjusted for power factor in accordance with the Rules and Regulations.

For those customers with demand measurement the billing demand will be determined as follows:

(a) For customers with demand up to 500 kW, the billing demand shall be the measured demand, with a minimum billing demand of 1.2 kW.

(b) For customers with demand greater than 500 kW, the billing demand shall be the greater of (i) the measured demand, (ii) 40% of the maximum contract demand; or (iii) the maximum measured demand from the prior year.

These customers will be identified according to the process listed in Tariff Rule 22.

If a measured demand customer has less than 1,100 monthly kilowatt-hours of use, the monthly billing demand will be the measured demand or the metered monthly kilowatt-hours divided by 175 hours, whichever is less, but not less than 1.2 kilowatts.

For those customers without demand measurement, the monthly billing demand will be computed by dividing the metered monthly kilowatt-hours by 175 hours. The computed demand will be determined to the nearest 0.1 of a kilowatt, but will not be less than 1.2 kilowatts.

MINIMUM CHARGE.

The monthly minimum charge for customers without demand measurement will be the Fixed Distribution Service Charge. The monthly minimum charge for customers with demand measurement will be the Fixed Distribution Service Charge, plus a charge of \$4.96 per KW of billing demand. In addition to the above, for customers in Procurement Class 4 charges will be assessed on PJM's reliability pricing model.

(D) Denotes Decrease

RATE SL-E STREET LIGHTING CUSTOMER OWNED FACILITIES

AVAILABILITY.

To any governmental agency for outdoor lighting provided for the safety and convenience of the public of streets, highways, bridges, parks or similar places, including directional highway signs at locations where other outdoor lighting service is established hereunder only if all of the utilization facilities, as defined in Terms and Conditions in this Base Rate, are installed, owned and maintained by a governmental agency.

This rate is also available to community associations of residential property owners both inside and outside the City of Philadelphia for the lighting of streets that are not dedicated. This rate is not available to commercial or industrial customers. All facilities and their installation shall be approved by the Company.

MONTHLY RATE TABLE.

SERVICE LOCATION DISTRIBUTION CHARGE: \$6.62 per Service Location (as defined below) *
VARIABLE DISTRIBUTION CHARGE: \$0.00945 per kWh

(I)

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

* The service location charge includes an Energy Efficiency Program Surcharge of (\$0.24) per location

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

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

SERVICE LOCATION.

A Service Location shall comprise each lighting installation and must be separately connected to a delivery point on the Company's secondary circuit.

DETERMINATION OF BILLING DEMAND.

The wattage, expressed to the nearest tenth of a watt, of a Service Location shall be composed of manufacturer's rating of its lamps, ballasts, transformers, individual controls and other load components required for its operation. The aggregate of wattages of all Service Locations in service shall constitute the billing demand for the month.

DETERMINATION OF ENERGY BILLED.

The energy use for a month of a Service Location shall be computed to the nearest kilowatt hour as the product of one thousandth of its wattage and the effective hours of use of such wattage during the calendar month under the established operation schedules as set forth under Terms and Conditions, Paragraph 6 Service. The aggregate of the kilowatt hours thus computed for all Active Service Locations shall constitute the energy billed for the month.

TERMS AND CONDITIONS.

1. Ownership of Utilization Facilities.

a. Service Locations Supplied from Aerial Circuits: customer shall provide, own and maintain the Utilization Facilities comprising the brackets, hangers, luminaries, lamps, ballasts, transformers, individual controls, conductors, molding and supporting insulators between the lamp receptacles and line wires of the Company's distribution facilities and any other components as required for the operation of each Service Location.

The Company shall provide the supporting pole or post for such aerially supplied Service Location and will issue authorization to permit the customer to install thereon the said Utilization Facilities.

b. Service Locations Supplied from Underground Circuits: customer shall provide, own and maintain the Utilization Facilities comprising the supporting pole or post, foundation with 90 degree pipe bend, brackets or hangers, luminaries, lamps, ballasts, transformers, individual controls, conductors and conduits from the lamp receptacles to sidewalk level, or in special cases, such as Federally and State financed limited access highways, to a delivery point designated by the Company on its secondary voltage circuit, and shall assume all costs of installing such utilization facilities.

Except as provided in Paragraph 4 Supply Facilities, the Company shall own conduit from the distribution circuit to the 90 degree pipe bend, shall own conductors from its distribution system to the designated delivery point and shall provide sufficient length of conductors for splicing at the designated delivery point or in the post base where sidewalk level access is provided.

c. Service to Group of Streetlights:

AERIAL SUPPLY

When the customer requests service to a group of streetlights supplied from aerial distribution facilities, the customer is responsible for providing the support poles or posts for the streetlights. The Company will provide a service, nominally 100 feet, to the customer's first supporting structure. The customer is responsible for installing supply conductors from the first supporting structure to all streetlight locations.

UNDERGROUND SUPPLY

When groups of streetlights are supplied from underground distribution facilities, the customer is responsible for the supporting poles or posts and the supply conductors to each streetlight from the designated delivery point. If the customer requests an underground supply to a group of streetlights and the designated delivery point is a secondary terminal pole, the customer will install, own, maintain all cable, including the cable on the pole.

2. Standards of Construction for Utilization Facilities. Customer construction shall meet the Company's standards which are based upon the National Electrical Safety Code. Designs of proposed construction deviating from such standards shall be submitted to the Company for approval before proceeding with any work.

(I) Denotes Increase

RATE TLCL TRAFFIC LIGHTING CONSTANT LOAD SERVICE

AVAILABILITY.

To any municipality using the Company's standard service for (a) electric traffic signal lights installed, owned and maintained by the municipality, and/or (b) unmetered traffic control cameras or other small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the municipality.

To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically separate from any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account.

To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically integrated with any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account, but only if the non-municipal customer meets the conditions of the Special Termination Rights provision of this Rate.

CURRENT CHARACTERISTICS.

Standard single phase secondary service.

RATE TABLE.

SERVICE LOCATION CHARGE: \$3.37 PER LOCATION

VARIABLE DISTRIBUTION SERVICE CHARGE: \$0.01219 per kWh (as defined below)*

*The Variable Distribution charge includes an Energy Efficiency Program Surcharge of (\$0.00330) per kWh

(I)

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

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

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

SPECIAL RULES AND REGULATIONS.

The use of energy will be estimated by the Company on the basis of the size of lamps and controlling apparatus and the burning hours. The customer shall immediately notify the Company whenever any change is made in the equipment or the burning hours or constant load devices, so that the Company may forthwith revise its estimate of the energy used.

The Company shall not be liable for damage to person or property arising, accruing or resulting from the attachment of the signal equipment to its poles, wires, or fixtures. The customer shall be responsible to determine the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

SPECIAL TERMINATION RIGHTS

Some facilities that receive service under Rate TLCL may be electrically configured such that it is not possible to terminate service to the Rate TLCL facility without also terminating service to a facility that is receiving service under a separate account, Rate or Rider. In the event of non-payment of bills for service to such a Rate TLCL facility, PECO will provide a termination notice to the customer. The customer may then, at its discretion, notify PECO that it intends to engage in self-termination by removing its facilities from the PECO system within 30 days. If the customer has not removed its facilities within 30 days, then PECO may, at its sole discretion and upon 72-hour notice, physically remove the customer facility as a means of terminating service to that facility. Taking service under Rate TLCL constitutes full customer permission for PECO to engage in such removals. Notwithstanding any removal of such facilities by either the customer or PECO, the customer shall remain fully obligated to PECO for payment of all charges incurred under Rate TLCL. In addition, the customer shall pay to PECO its full cost of removing the facilities, including direct and indirect labor costs, use of truck or other equipment, fuel costs, and costs of storing the customer equipment, all at PECO's normal rates for such work at such time as it may perform such removals. PECO shall not be liable for damage, if any, to the customer equipment that occurs during removal or storage.

TERM OF CONTRACT.

The initial contract term for each signal light installation and constant load device shall be for at least one year.

PAYMENT TERMS.

Standard.

(I) Denotes Increase

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PECO Energy Company

Electric Service Tariff

COMPANY OFFICE LOCATION

**2301 Market Street
Philadelphia, Pennsylvania 19101**

For List of Communities Served, See Page 4.

Issued November 15, 2016

Effective December 1, 2016

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**ISSUED BY: C. L. Adams – President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19101**

NOTICE

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Rate RH - Residential Heating Service - 8th Revised Page No. 49
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Rate TLCL - Traffic Lighting Constant Load Service – 3rd Revised Page No. 64
The Variable Distribution Service Charge is increased due to a change in the Non-Bypassable Transmission Charge (NBT).

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Revised in accordance with the Commission's Supplemental Implementation Order entered on September 21, 2016 at Docket No. M-2012-2293611.

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NON-BYPASSABLE TRANSMISSION CHARGE (NBT)

Purpose: The purpose of this surcharge is to provide for full and current cost recovery of certain transmission service related costs incurred under the PJM open access transmission tariff on behalf of the Company's distribution service load in accordance with Docket # P-2014-2409362.

Applicability: The surcharge shall be assessed to all distribution customers. The cost shall be allocated to each rate class based upon the coincident peak used by PJM to establish the network service obligation.

Billing Provisions: The NBT shall be included in distribution rates charged to customers taking service under the Residential, Small C&I and Street Lighting class rate schedules as described below.

For Rates PD, HT, and EP (Large C&I class), a PJM Peak Load Contribution (PLC) shall be determined in accordance with PJM rules and used to calculate the NBT. Customer's PLC will be computed to the nearest kilowatt. The NBT shall be recovered through a separate charge listed on customers' bills.

The surcharge shall be calculated on a semi-annual basis using the formula below:

$NBT(n) = (C+E+I)/S(n) * 1/(1-T)$ where;

NBT(n) = transmission service cost for customer class n including over or under recovery and associated interest.

C – the transmission service charges incurred by PECO under the PJM open access transmission tariff. These costs shall include the following:

Regional Transmission Expansion Plan charges, Expansion Cost Recovery charges, Generation Deactivation/Reliability Must Run charges and any costs to implement the Non-Bypassable Transmission charge in accordance with Docket # P-2014-2409362.

E – The estimated over or under recovery from the applicable reconciliation period.

I – Interest on any over or under recovery balance. Interest shall be computed monthly at a 6% annual simple interest rate from the month that the overcollection or undercollection occurs to the mid-point of the recovery period.

n – rate class where: 1 = residential, 1a = RH, 2 = small C&I, 3 = large C&I, 4 = street lighting

Residential – Rates R, RH (reconciled as a group)

Small C&I – Rate GS

Large C&I – Rates HT, PD, EP (reconciled as a group)

Street Lighting – SLE, SLS, POL, AL, TLCL (reconciled as a group)

S – Estimated distribution service sales for residential class and the street lighting class in the applicable application period. For the Small C&I class (Rate GS) it shall be the estimated billed demand for the applicable application period. For the Large C&I class (Rates PD, HT, and EP), the PJM PLC shall be used to calculate the NBT. The application period will be the period when rates will be in effect.

T – The currently effective gross receipts tax rate.

Filings and Reconciliations: The Company shall submit filings 15 days prior to the start of the application period beginning June 1, 2015. Thereafter, the Company will file a surcharge adjustment 15 days prior to June 1 and December 1 of each year. If it is apparent that such methodology would result in a significant over or under recovery before the next 6 month filing for an individual customer class, the Company may propose a rate adjustment 15 days prior to the next effective GSA rate adjustment date (Effective date of March 1, September 1). The annual reconciliation statement will be made by December 31 each year.

Current Non-Bypassable Transmission Rate:

R = \$.00255 per kilowatthour

RH = \$.00255 per kilowatthour

Small C&I = \$0.64 per billed kW

Large C&I = \$0.82 per kW based on the PJM PLC

Street Lighting = \$.00032 per kilowatt hour

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PECO Energy Company

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) farm purpose uses by an individual employing the natural processes of growth for the production of grain, stock, dairy, poultry, garden truck, or other agricultural products.

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) farms operated principally to sell, prepare, or process products produced by others, or farms using air conditioning for climatic control in conjunction with growth processes (except those customers receiving such service as of August 2, 1969); (e) 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: \$8.43

FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.92

VARIABLE DISTRIBUTION SERVICE CHARGE:

All kWhs \$0.06796 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, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

PAYMENT TERMS. Standard.

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RATE R H RESIDENTIAL HEATING SERVICE

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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.

Wood, solar, wind, water, and biomass systems may be used to supply a portion of the heating requirements in conjunction with service provided hereunder. Any customer system of this type that produces electric energy may not be operated concurrently with service provided by the Company except under written agreement setting forth the conditions of such operation as provided by and in accordance with the provisions of the Auxiliary Service Rider.

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: \$8.43
FIXED DISTRIBUTION SERVICE CHARGE FOR FORMER OFF-PEAK METERS: \$1.92

VARIABLE DISTRIBUTION SERVICE CHARGE:
SUMMER MONTHS. (June through September)

\$0.6796 per kWh for all kWh.

WINTER MONTHS. (October through May)

\$0.4984 per kWh for all kWh.

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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, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, UNIVERSAL SERVICE FUND CHARGE NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, 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.

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RATE-GS GENERAL SERVICE

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AVAILABILITY.

Service through a single metering installation for offices, professional, commercial or industrial establishments, governmental agencies, and other applications outside the scope of the Residence Service rate schedules. For service configurations that are nominally 120/208 volts, 3 phase, 4 wires and the service capacity exceeds 750 kVa for transformers located either inside or outside the building, the only rate option available to the customer will be Rate HT. For service configurations that are nominally 277/480 volts, 3 phase, 4 wires and capacity exceeds either 750 kVa for transformers located inside the building or 1,500 kVa for transformers located outside the building, the only rate option available to the customer will be Rate HT.

CURRENT CHARACTERISTICS.

Standard single-phase or polyphase secondary service.

MONTHLY RATE TABLE.

FIXED DISTRIBUTION SERVICE CHARGE:

- \$ 13.54 for single-phase service without demand measurement, or
- \$ 17.45 for single-phase service with demand measurement, or
- \$ 42.79 for polyphase service.

VARIABLE DISTRIBUTION SERVICE CHARGE:

- \$8.04 per kW of billed demand
- (\$0.0006) per kWh for all kWh

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ENERGY EFFICIENCY CHARGE: (\$0.00048) per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2, 3 or 4

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

STATE TAX ADJUSTMENT CLAUSE, NUCLEAR DECOMMISSIONING COST ADJUSTMENT, NON-BYPASSABLE TRANSMISSION CHARGE, PROVISION FOR THE RECOVERY OF ENERGY EFFICIENCY AND CONSERVATION PROGRAM COSTS, SMART METER COST RECOVERY SURCHARGE, PROVISION FOR THE TAX ACCOUNTING REPAIR CREDIT AND PROVISION FOR THE RECOVERY OF CONSUMER EDUCATION PLAN COSTS APPLY TO THIS RATE.

DETERMINATION OF DEMAND.

The billing demand may be measured where consumption exceeds 1,100 kilowatt-hours per month for three consecutive months; or where load tests indicate a demand of five or more kilowatts; or where the customer requests demand measurement. Measured demands will be determined to the nearest 0.1 of a kilowatt but will not be less than 1.2 kilowatts, and will be adjusted for power factor in accordance with the Rules and Regulations.

For those customers with demand measurement the billing demand will be determined as follows:

- (a) For customers with demand up to 500 kW, the billing demand shall be the measured demand, with a minimum billing demand of 1.2 kW.
- (b) For customers with demand greater than 500 kW, the billing demand shall be the greater of (i) the measured demand, (ii) 40% of the maximum contract demand; or (iii) the maximum measured demand from the prior year. These customers will be identified according to the process listed in Tariff Rule 22.

If a measured demand customer has less than 1,100 monthly kilowatt-hours of use, the monthly billing demand will be the measured demand or the metered monthly kilowatt-hours divided by 175 hours, whichever is less, but not less than 1.2 kilowatts.

For those customers without demand measurement, the monthly billing demand will be computed by dividing the metered monthly kilowatt-hours by 175 hours. The computed demand will be determined to the nearest 0.1 of a kilowatt, but will not be less than 1.2 kilowatts.

MINIMUM CHARGE.

The monthly minimum charge for customers without demand measurement will be the Fixed Distribution Service Charge. The monthly minimum charge for customers with demand measurement will be the Fixed Distribution Service Charge, plus a charge of \$4.96 per KW of billing demand. In addition to the above, for customers in Procurement Class 4 charges will be assessed on PJM's reliability pricing model.

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RATE SL-E STREET LIGHTING CUSTOMER OWNED FACILITIES

AVAILABILITY.

To any governmental agency for outdoor lighting provided for the safety and convenience of the public of streets, highways, bridges, parks or similar places, including directional highway signs at locations where other outdoor lighting service is established hereunder only if all of the utilization facilities, as defined in Terms and Conditions in this Base Rate, are installed, owned and maintained by a governmental agency.

This rate is also available to community associations of residential property owners both inside and outside the City of Philadelphia for the lighting of streets that are not dedicated. This rate is not available to commercial or industrial customers. All facilities and their installation shall be approved by the Company.

MONTHLY RATE TABLE.

SERVICE LOCATION DISTRIBUTION CHARGE: \$6.62 per Service Location (as defined below) *
VARIABLE DISTRIBUTION CHARGE: \$0.00945 per kWh

ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

* The service location charge includes an Energy Efficiency Program Surcharge of (\$0.24) per location
TRANSMISSION SERVICE FOR CUSTOMERS RECEIVING DEFAULT SERVICE: The Transmission Service charge shall apply.

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

SERVICE LOCATION.

A Service Location shall comprise each lighting installation and must be separately connected to a delivery point on the Company's secondary circuit.

DETERMINATION OF BILLING DEMAND.

The wattage, expressed to the nearest tenth of a watt, of a Service Location shall be composed of manufacturer's rating of its lamps, ballasts, transformers, individual controls and other load components required for its operation. The aggregate of wattages of all Service Locations in service shall constitute the billing demand for the month.

DETERMINATION OF ENERGY BILLED.

The energy use for a month of a Service Location shall be computed to the nearest kilowatt hour as the product of one thousandth of its wattage and the effective hours of use of such wattage during the calendar month under the established operation schedules as set forth under Terms and Conditions, Paragraph 6 Service. The aggregate of the kilowatt hours thus computed for all Active Service Locations shall constitute the energy billed for the month.

TERMS AND CONDITIONS.

1. Ownership of Utilization Facilities.

a. Service Locations Supplied from Aerial Circuits: customer shall provide, own and maintain the Utilization Facilities comprising the brackets, hangers, luminaries, lamps, ballasts, transformers, individual controls, conductors, molding and supporting insulators between the lamp receptacles and line wires of the Company's distribution facilities and any other components as required for the operation of each Service Location.

The Company shall provide the supporting pole or post for such aerially supplied Service Location and will issue authorization to permit the customer to install thereon the said Utilization Facilities.

b. Service Locations Supplied from Underground Circuits: customer shall provide, own and maintain the Utilization Facilities comprising the supporting pole or post, foundation with 90 degree pipe bend, brackets or hangers, luminaries, lamps, ballasts, transformers, individual controls, conductors and conduits from the lamp receptacles to sidewalk level, or in special cases, such as Federally and State financed limited access highways, to a delivery point designated by the Company on its secondary voltage circuit, and shall assume all costs of installing such utilization facilities.

Except as provided in Paragraph 4 Supply Facilities, the Company shall own conduit from the distribution circuit to the 90 degree pipe bend, shall own conductors from its distribution system to the designated delivery point and shall provide sufficient length of conductors for splicing at the designated delivery point or in the post base where sidewalk level access is provided.

c. Service to Group of Streetlights:

AERIAL SUPPLY

When the customer requests service to a group of streetlights supplied from aerial distribution facilities, the customer is responsible for providing the support poles or posts for the streetlights. The Company will provide a service, nominally 100 feet, to the customer's first supporting structure. The customer is responsible for installing supply conductors from the first supporting structure to all streetlight locations.

UNDERGROUND SUPPLY

When groups of streetlights are supplied from underground distribution facilities, the customer is responsible for the supporting poles or posts and the supply conductors to each streetlight from the designated delivery point. If the customer requests an underground supply to a group of streetlights and the designated delivery point is a secondary terminal pole, the customer will install, own, maintain all cable, including the cable on the pole.

2. Standards of Construction for Utilization Facilities. Customer construction shall meet the Company's standards which are based upon the National Electrical Safety Code. Designs of proposed construction deviating from such standards shall be submitted to the Company for approval before proceeding with any work.

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RATE TLCL TRAFFIC LIGHTING CONSTANT LOAD SERVICE

AVAILABILITY.

To any municipality using the Company's standard service for (a) electric traffic signal lights installed, owned and maintained by the municipality, and/or (b) unmetered traffic control cameras or other small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the municipality.

To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically separate from any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account.

To any non-municipal non-residential customer using the Company's standard service for unmetered small constant load electronic devices with a demand of less than 1.2 kW, owned and maintained by the non-municipal customer, which are electrically integrated with any other facilities, whether municipally-owned or non-municipally-owned, that are receiving service from PECO as a separate account, but only if the non-municipal customer meets the conditions of the Special Termination Rights provision of this Rate.

CURRENT CHARACTERISTICS.

Standard single phase secondary service.

RATE TABLE.

SERVICE LOCATION CHARGE: \$3.37 PER LOCATION

VARIABLE DISTRIBUTION SERVICE CHARGE: \$0.01219 per kWh (as defined below)*

*The Variable Distribution charge includes an Energy Efficiency Program Surcharge of (\$0.00330) per kWh

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ENERGY SUPPLY CHARGE: Refer to the Generation Supply Adjustment Procurement Class 2.

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

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

SPECIAL RULES AND REGULATIONS.

The use of energy will be estimated by the Company on the basis of the size of lamps and controlling apparatus and the burning hours. The customer shall immediately notify the Company whenever any change is made in the equipment or the burning hours or constant load devices, so that the Company may forthwith revise its estimate of the energy used.

The Company shall not be liable for damage to person or property arising, accruing or resulting from the attachment of the signal equipment to its poles, wires, or fixtures. The customer shall be responsible to determine the amount, location and sufficiency of illumination, including conducting all studies of luminosity, lighting location, and traffic.

SPECIAL TERMINATION RIGHTS

Some facilities that receive service under Rate TLCL may be electrically configured such that it is not possible to terminate service to the Rate TLCL facility without also terminating service to a facility that is receiving service under a separate account, Rate or Rider. In the event of non-payment of bills for service to such a Rate TLCL facility, PECO will provide a termination notice to the customer. The customer may then, at its discretion, notify PECO that it intends to engage in self-termination by removing its facilities from the PECO system within 30 days. If the customer has not removed its facilities within 30 days, then PECO may, at its sole discretion and upon 72-hour notice, physically remove the customer facility as a means of terminating service to that facility. Taking service under Rate TLCL constitutes full customer permission for PECO to engage in such removals. Notwithstanding any removal of such facilities by either the customer or PECO, the customer shall remain fully obligated to PECO for payment of all charges incurred under Rate TLCL. In addition, the customer shall pay to PECO its full cost of removing the facilities, including direct and indirect labor costs, use of truck or other equipment, fuel costs, and costs of storing the customer equipment, all at PECO's normal rates for such work at such time as it may perform such removals. PECO shall not be liable for damage, if any, to the customer equipment that occurs during removal or storage.

TERM OF CONTRACT.

The initial contract term for each signal light installation and constant load device shall be for at least one year.

PAYMENT TERMS.

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ATTACHMENT 2

PECO - Electric
December 2016 Non-Bypassable Transmission Charge (NBT)
Semiannual Rate Calculation

NBT 1: Rates R, RH

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 20,073,329	\$0.00299	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 3,818,168	\$0.00057	p. 3 of 4
b. Interest	\$ <u>134,905</u>	\$0.00002	p. 4 of 4
	\$ 3,953,073	\$0.00059	
(3) Net Recoverable (C - E)	\$ 16,120,256	\$0.00240	
(4) S = Projected Sales (kWh) for Computation Period	6,710,484,859		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) NBT = [(C+E-I)/S]/(1-T)	\$0.00255		

PECO - December 2016 NBT C-Factor Calculation

NBT 1: Rates R, RH

C-Factor Month	Projected Transmission Costs	Projected Sales (kWh)
Dec-16 (est)	\$ 2,714,559	1,219,901,978
Jan-17 (est)	\$ 3,471,754	1,443,056,736
Feb-17 (est)	\$ 3,471,754	1,222,847,938
Mar-17 (est)	\$ 3,471,754	1,124,706,384
Apr-17 (est)	\$ 3,471,754	924,308,562
May-17 (est)	\$ 3,471,754	775,663,261
Total	\$ 20,073,329	6,710,484,859

Estimated Recovery C-Factor \$0.00299 per kWh

**PECO - December 2016
NBT
E-Factor Calculation**

NBT 1: Rates R, RH

E-Factor Period	Actual NBT Costs (1)	Actual Sales (kWh) (2)	C-Factor Rate (3)	C-Factor Revenue (b) (4)	NSPL AVE MW (5)	Working Capital (a) \$0.00 per MW/mo (6) = (5) * \$0	Adjusted C-Factor Revenue (7) = (4) - (6)	C-Factor Over/(Under) Recovery (8) = (7) - (1)	E-Factor Rate (9)	E-Factor Revenue (b) (10)	Total Collected Revenue (11) = (10) + (7)	Over/(Under) Recovery (12) = (11) - (1)	Cumulative Over/(Under) Recovery (13)
Dec-15	\$ 2,373,546	1,092,436,391	0.00253	\$ 2,611,851	3,453	\$ 50,315	\$ 2,561,536	\$ 187,990	\$ 0.00029	\$ 294,891	\$ 2,856,427	\$ 482,882	\$ (2,076,733)
Jan-16	\$ 2,692,132	1,257,627,741	0.00253	\$ 3,178,749	3,651	-	\$ 3,178,749	\$ 486,617	\$ 0.00029	\$ 358,897	\$ 3,537,646	\$ 845,514	\$ (1,593,852)
Feb-16	\$ 2,693,472	1,225,875,387	0.00253	\$ 3,100,518	3,656	-	\$ 3,100,518	\$ 407,046	\$ 0.00029	\$ 350,064	\$ 3,450,582	\$ 757,110	\$ (748,338)
Mar-16	\$ 2,694,865	1,015,129,054	0.00253	\$ 2,565,884	3,659	-	\$ 2,565,884	\$ (128,981)	\$ 0.00029	\$ 289,701	\$ 2,855,585	\$ 160,720	\$ 8,772
Apr-16	\$ 2,695,543	836,792,616	0.00253	\$ 2,116,131	3,661	-	\$ 2,116,131	\$ (579,412)	\$ 0.00029	\$ 238,922	\$ 2,355,053	\$ (340,490)	\$ 169,493
May-16	\$ 2,718,828	780,774,959	0.00253	\$ 1,974,183	3,662	-	\$ 1,974,183	\$ (744,645)	\$ 0.00029	\$ 222,895	\$ 2,197,078	\$ (521,750)	\$ (170,997)
Jun-16	\$ 2,692,222	1,058,035,117	0.00271	\$ 2,924,213	3,659	-	\$ 2,924,213	\$ 231,991	\$ 0.00000	\$ 39	\$ 2,924,252	\$ 232,030	\$ (460,718)
Jul-16	\$ 2,689,460	1,363,455,086	0.00271	\$ 3,681,956	3,659	-	\$ 3,681,956	\$ 992,496	\$ 0.00000	\$ 49	\$ 3,682,005	\$ 992,545	\$ 531,828
Aug-16	\$ 2,723,008	1,581,445,782	0.00271	\$ 4,271,055	3,660	-	\$ 4,271,055	\$ 1,548,047	\$ 0.00000	\$ 57	\$ 4,271,112	\$ 1,548,104	\$ 2,079,932
Sep-16	\$ 2,714,313	1,493,599,600	0.00271	\$ 4,030,020	3,662	-	\$ 4,030,020	\$ 1,315,707	\$ 0.00000	\$ 54	\$ 4,030,074	\$ 1,315,761	\$ 3,395,692
Oct-16	\$ 2,716,168	951,368,893	0.00271	\$ 2,567,611	3,664	-	\$ 2,567,611	\$ (148,557)	\$ 0.00000	\$ 34	\$ 2,567,645	\$ (148,523)	\$ 3,247,169
Nov-16 (est)	\$ 2,708,999	1,204,779,906	0.00271	\$ 3,279,954	3,661	-	\$ 3,279,954	\$ 570,955	\$ 0.00000	\$ 44	\$ 3,279,998	\$ 570,999	\$ 3,818,168
Balance													\$ (2,076,733)
													\$ (1,593,852)
													\$ (748,338)
													\$ 8,772
													\$ 169,493
													\$ (170,997)
													\$ (692,747)
													\$ (460,718)
													\$ 531,828
													\$ 2,079,932
													\$ 3,395,692
													\$ 3,247,169
													\$ 3,818,168

(a) Effective January 1, 2016, working capital will be \$0. Working capital is now allocated 100% to the TSC.

(b) C Factor and E Factor Revenues are allocated on a percentage basis.

**PECO - December 2016
NBT**

Interest Calculation

NBT 1: Rates R, RH

E-Factor Period	Actual Sales (kWh) (1)	C-Factor Over/(Under) Recovery (2)	Interest Rate (3)	Interest Time Factor (4)	Interest Factor Rate (6)	Interest Revenues (a) (7)	Total Interest Owed/ (Interest Recouped) (8) = (5) + (7)	Cummulative Interest Owed/ (Interest Recouped) (9)
Balance								
Dec-15	1,032,436,391	\$ 187,990	6%	9/12	\$ 0.0000	\$ 7,829	\$ 16,289	\$ (54,214)
Jan-16	1,257,627,741	\$ 486,617	6%	8/12	\$ 0.0000	\$ 9,529	\$ 28,993	\$ (37,925)
Feb-16	1,225,875,387	\$ 407,046	6%	7/12	\$ 0.0000	\$ 9,294	\$ 23,541	\$ (8,931)
Mar-16	1,015,129,054	\$ (128,981)	6%	6/12	\$ 0.0000	\$ 7,692	\$ 3,822	\$ 14,610
Apr-16	836,792,616	\$ (579,412)	6%	5/12	\$ 0.0000	\$ 6,343	\$ (8,142)	\$ 18,432
May-16	780,774,959	\$ (744,645)	6%	4/12	\$ 0.0000	\$ 5,918	\$ (8,975)	\$ 10,290
Jun-16	1,058,035,117	\$ 231,991	6%	9/12	\$ (0.00000)	\$ (2,523)	\$ 7,916	\$ 1,315
Jul-16	1,363,455,086	\$ 992,496	6%	8/12	\$ (0.00000)	\$ (3,177)	\$ 36,523	\$ 9,232
Aug-16	1,581,445,782	\$ 1,548,047	6%	7/12	\$ (0.00000)	\$ (3,685)	\$ 50,496	\$ 45,754
Sep-16	1,493,599,600	\$ 1,315,707	6%	6/12	\$ (0.00000)	\$ (3,477)	\$ 35,994	\$ 96,251
Oct-16	951,368,893	\$ (148,557)	6%	5/12	\$ (0.00000)	\$ (2,215)	\$ (5,929)	\$ 132,245
Nov-16 (est)	1,204,779,906	\$ 570,955	6%	4/12	\$ (0.00000)	\$ (2,830)	\$ 8,589	\$ 126,315
								\$ 134,905
							Net Interest \$	134,905

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

ATTACHMENT 3

PECO - Electric
December 2016 Non-Bypassable Transmission Charge (NBT)
Semiannual Rate Calculation

NBT 2: Rate GS

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 10,430,901	\$0.82	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 2,626,182	\$0.21	p. 3 of 4
b. Interest	\$ <u>86,319</u>	\$0.01	p. 4 of 4
	\$ 2,712,501	\$0.21	
(3) Net Recoverable (C - E)	\$ 7,718,400	\$0.60	
(4) S = Projected Sales (kW) for Computation Period	12,781,729		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) NBT = [(C+E-I)/S]/(1-T)	\$0.64		

PECO - December 2016

NBT

C-Factor Calculation

NBT 2: Rate GS

C-Factor Month	Projected Transmission Costs (1)	Projected Sales (kW) (2)
Dec-16 (est) \$	1,410,593	2,282,556
Jan-17 (est) \$	1,804,062	2,383,198
Feb-17 (est) \$	1,804,062	2,187,304
Mar-17 (est) \$	1,804,062	2,147,276
Apr-17 (est) \$	1,804,062	1,950,886
May-17 (est) \$	1,804,062	1,830,509
Total \$	10,430,901	12,781,729

Estimated Recovery C-Factor \$0.82 per kW

**PECO - December 2016
NBT**

Interest Calculation

NBT 2: Rate GS

E-Factor Period	Actual Sales (kW) (1)	C-Factor Over/(Under) Recovery (2)	Interest Rate (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Factor Rate (6)	Interest Factor Revenues (a) (7)	Total Interest Owed/ (Interest Recouped) (8) = (5) + (7)	Cummulative Interest Owed/ (Interest Recouped) (9)
Balance									
Dec-15	1,958,831	\$ 18,925	6%	9/12	\$ 852	\$ 0.00	\$ 8,611	\$ 9,463	\$ (63,248)
Jan-16	2,180,348	\$ 387,284	6%	8/12	\$ 15,491	\$ 0.00	\$ 9,825	\$ 25,316	\$ (53,786)
Feb-16	2,131,023	\$ 347,979	6%	7/12	\$ 12,179	\$ 0.00	\$ 9,605	\$ 21,784	\$ (28,470)
Mar-16	2,147,502	\$ 337,629	6%	6/12	\$ 10,129	\$ 0.00	\$ 9,542	\$ 19,671	\$ (6,685)
Apr-16	1,967,053	\$ 209,851	6%	5/12	\$ 5,246	\$ 0.00	\$ 8,837	\$ 14,083	\$ 12,986
May-16	1,983,550	\$ 239,328	6%	4/12	\$ 4,787	\$ 0.00	\$ 9,064	\$ 13,850	\$ 27,069
Jun-16	1,335,096	\$ 624,841	6%	9/12	\$ 28,118	\$ (0.00)	\$ (7,649)	\$ 20,469	\$ 61,388
Jul-16	1,993,986	\$ 382,764	6%	8/12	\$ 15,311	\$ (0.00)	\$ (6,731)	\$ 8,580	\$ 69,968
Aug-16	2,080,077	\$ 430,728	6%	7/12	\$ 15,075	\$ (0.00)	\$ (6,976)	\$ 8,099	\$ 78,067
Sep-16	2,041,478	\$ 406,201	6%	6/12	\$ 12,186	\$ (0.00)	\$ (6,860)	\$ 5,326	\$ 83,393
Oct-16	1,881,343	\$ 270,023	6%	5/12	\$ 6,751	\$ (0.00)	\$ (6,341)	\$ 410	\$ 83,803
Nov-16 (est)	1,885,922	\$ 482,952	6%	4/12	\$ 9,659	\$ (0.00)	\$ (7,142)	\$ 2,517	\$ 86,319
								Net Interest \$	86,319

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

ATTACHMENT 4

**PECO - Electric
December 2016 Non-Bypassable Transmission Charge (NBT)
Semiannual Rate Calculation**

NBT 3: Rates HT, PD, EP

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 13,935,137	\$0.92	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 2,126,607	\$0.14	p. 3 of 4
b. Interest	\$ 71,021	\$0.00	p. 4 of 4
	<u>\$ 2,197,628</u>	\$0.14	
(3) Net Recoverable (C - E)	\$ 11,737,510	\$0.77	
(4) S = Projected PLC Sales (kW) for Computation Period	15,177,560		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) TSC = [(C+E-I)/S]/(1-T)	\$0.82		

PECO - December 2016

NBT

C-Factor Calculation

NBT 3: Rates HT, PD, EP

C-Factor Month	Projected Transmission Costs (1)	Projected PLC Sales (kW) (2)
Dec-16 (est) \$	1,884,478	2,529,593
Jan-17 (est) \$	2,410,132	2,529,593
Feb-17 (est) \$	2,410,132	2,529,593
Mar-17 (est) \$	2,410,132	2,529,593
Apr-17 (est) \$	2,410,132	2,529,593
May-17 (est) \$	2,410,132	2,529,593
Total \$	13,935,137	15,177,560

Estimated Recovery C-Factor \$0.92 per kW

**PECO - December 2016
NBT
E-Factor Calculation**

NBT 3: Rates PD, HT, EP

E-Factor Period	Actual NBT Costs (1)	Actual Sales (kW) (2)	C-Factor Rate (3)	C-Factor Revenue (b) (4)	NSPL AVE MW (5)	Working Capital (a) \$0.00 per MW/mo (6) = (5) * \$0	Adjusted C-Factor Revenue (7) = (4) - (6)	C-Factor Over/(Under) Recovery (8) = (7) - (1)	E-Factor Rate (9)	E-Factor Revenue (b) (10)	Total Collected Revenue (11) = (10) + (7)	Over/(Under) Recovery (12) = (11) - (1)	Cumulative Over/(Under) Recovery (13)
Balance													
Dec-15	\$1,797,667	2,491,283	\$ 0.83	\$ 2,073,487	2,615	\$ 38,107	\$ 2,035,380	\$ 237,713	\$ 0.11	\$ 284,282	\$ 2,299,662	\$ 501,995	\$ (1,663,175)
Jan-16	\$1,872,395	2,839,629	\$ 0.83	\$ 2,357,739	2,539	-	2,357,739	485,344	0.11	300,513	2,658,252	785,857	(375,324)
Feb-16	\$1,871,741	2,625,436	\$ 0.83	\$ 2,208,237	2,540	-	2,208,237	336,496	0.11	281,457	2,489,695	617,953	242,630
Mar-16	\$1,871,457	2,561,291	\$ 0.83	\$ 2,166,308	2,541	-	2,166,308	294,851	0.11	276,113	2,442,421	570,964	813,594
Apr-16	\$1,871,644	2,465,257	\$ 0.83	\$ 2,159,411	2,542	-	2,159,411	287,767	0.11	275,234	2,434,645	563,001	1,376,595
May-16	\$1,887,343	2,616,364	\$ 0.83	\$ 2,165,823	2,542	-	2,165,823	278,481	0.11	276,051	2,441,874	554,532	1,931,127
Jun-16	\$1,868,857	2,627,505	\$ 0.84	\$ 2,552,478	2,540	-	2,552,478	683,621	(0.12)	(365,506)	2,186,972	318,115	2,249,243
Jul-16	\$1,866,700	2,509,611	\$ 0.84	\$ 2,175,366	2,539	-	2,175,366	308,665	(0.12)	(311,505)	1,863,861	(2,839)	2,246,403
Aug-16	\$1,890,350	2,462,053	\$ 0.84	\$ 2,056,058	2,541	-	2,056,058	165,707	(0.12)	(294,420)	1,761,637	(128,713)	2,117,690
Sep-16	\$1,885,509	2,487,900	\$ 0.84	\$ 2,085,879	2,544	-	2,085,879	200,369	(0.12)	(298,690)	1,787,188	(98,321)	2,019,369
Oct-16	\$1,884,959	2,595,226	\$ 0.84	\$ 2,196,279	2,543	-	2,196,279	311,320	(0.12)	(314,499)	1,881,779	(3,179)	2,016,190
Nov-16 (est)	\$1,880,618	2,549,776	\$ 0.84	\$ 2,323,795	2,542	-	2,323,795	443,176	(0.12)	(332,759)	1,991,036	110,417	2,126,607
													Total Recovery E-Factor \$ 2,126,607

(a) Effective January 1, 2016, working capital will be \$0. Working capital is now allocated 100% to the TSC.
(b) C Factor and E Factor Revenues are allocated on a percentage basis.

**PECO - December 2016
NBT**

Interest Calculation

NBT 3: Rates HT, PD, EP

E-Factor Period	Actual Sales (kW) (1)	C-Factor Over/(Under) Recovery (2)	Interest Rate (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Factor Rate (6)	Interest Factor Revenues (a) (7)	Total Interest Owed/ (Interest Recouped) (8) = (5) + (7)	Cummulative Interest Owed/ (Interest Recouped) (9)
Balance									\$ (54,538)
Dec-15	2,491,283	\$ 237,713	6%	9/12	\$ 10,697	\$ 0.00	\$ 8,673	\$ 19,370	\$ (35,168)
Jan-16	2,839,629	\$ 485,344	6%	8/12	\$ 19,414	\$ 0.00	\$ 9,862	\$ 29,275	\$ (5,893)
Feb-16	2,625,436	\$ 336,496	6%	7/12	\$ 11,777	\$ 0.00	\$ 9,236	\$ 21,014	\$ 15,121
Mar-16	2,561,291	\$ 294,851	6%	6/12	\$ 8,846	\$ 0.00	\$ 9,061	\$ 17,906	\$ 33,027
Apr-16	2,465,257	\$ 287,767	6%	5/12	\$ 7,194	\$ 0.00	\$ 9,032	\$ 16,226	\$ 49,254
May-16	2,616,364	\$ 278,481	6%	4/12	\$ 5,570	\$ 0.00	\$ 9,059	\$ 14,628	\$ 63,882
Jun-16	2,627,505	\$ 683,621	6%	9/12	\$ 30,763	\$ (0.00)	\$ (12,282)	\$ 18,481	\$ 82,363
Jul-16	2,509,611	\$ 308,665	6%	8/12	\$ 12,347	\$ (0.00)	\$ (10,467)	\$ 1,879	\$ 84,243
Aug-16	2,462,053	\$ 165,707	6%	7/12	\$ 5,800	\$ (0.00)	\$ (9,893)	\$ (4,093)	\$ 80,149
Sep-16	2,487,900	\$ 200,369	6%	6/12	\$ 6,011	\$ (0.00)	\$ (10,037)	\$ (4,026)	\$ 76,123
Oct-16	2,595,226	\$ 311,320	6%	5/12	\$ 7,783	\$ (0.00)	\$ (10,568)	\$ (2,785)	\$ 73,339
Nov-16 (est)	2,549,776	\$ 443,176	6%	4/12	\$ 8,864	\$ (0.00)	\$ (11,181)	\$ (2,318)	\$ 71,021

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

Net Interest \$ 71,021

ATTACHMENT 5

PECO - Electric
December 2016 Non-Bypassable Transmission Charge (NBT)
Semiannual Rate Calculation

NBT 4: Rates SLE, SLS, POL, AL, TLCL

	Amount	\$/kWh	
(1) C = Projected Recoverable Transmission Costs	\$ 33,069	\$0.00032	p. 2 of 4
(2) E = Experienced & Estimated Net Over/(Under)			
a. Over/(Under)	\$ 2,304	\$0.00002	p. 3 of 4
b. Interest	\$ <u>88</u>	\$0.00000	p. 4 of 4
	\$ 2,392	\$0.00002	
(3) Net Recoverable (C - E)	\$ 30,677	\$0.00030	
(4) S = Projected Sales (kWh) for Computation Period	103,393,265		
(5) T = Pennsylvania gross receipts tax rate	5.90%		
(6) TSC = [(C+E+I)/S]/(1-T)	\$0.00032		

PECO - December 2016
NBT
C-Factor Calculation

NBT 4: Rates SLE, SLS, POL, AL, TLCL

C-Factor Month	Projected Transmission Costs (1)	Projected Sales (kWh) (2)
Dec-16 (est) \$	4,472	16,866,049
Jan-17 (est) \$	5,719	17,289,277
Feb-17 (est) \$	5,719	17,265,498
Mar-17 (est) \$	5,719	17,274,916
Apr-17 (est) \$	5,719	17,326,040
May-17 (est) \$	5,719	17,371,484
Total \$	33,069	103,393,265

Estimated Recovery C-Factor \$0.00032 per kWh

PECO - December 2016
NBT
Interest Calculation

NBT 4: Rates SLE, SLS, POL, AL, TLCL

E-Factor Period	Actual Sales (kWh) (1)	C-Factor Over/(Under) Recovery (2)	Interest Rate (3)	Interest Time Factor (4)	Interest Owed/ (Interest Recouped) (5) = (2) * (3) * (4)	Interest Factor Rate (6)	Interest Factor Revenues (a) (7)	Total Interest Owed/ (Interest Recouped) (8) = (5) + (7)	Cumulative Interest Owed/ (Interest Recouped) (9)
Balance									
Dec-15	15,913,817	\$ 1,097	6%	9/12	\$	49 \$ 0.0000	\$ 31	\$ 80	\$ (169)
Jan-16	16,020,984	\$ 316	6%	8/12	\$	13 \$ 0.0000	\$ 30	\$ 42	\$ (89)
Feb-16	16,559,043	\$ 372	6%	7/12	\$	13 \$ 0.0000	\$ 30	\$ 43	\$ (47)
Mar-16	15,864,295	\$ 285	6%	6/12	\$	9 \$ 0.0000	\$ 29	\$ 38	\$ (4)
Apr-16	16,447,729	\$ 456	6%	5/12	\$	11 \$ 0.0000	\$ 30	\$ 42	\$ 34
May-16	16,292,555	\$ 370	6%	4/12	\$	7 \$ 0.0000	\$ 30	\$ 38	\$ 76
Jun-16	16,153,369	\$ 1,740	6%	9/12	\$	78 \$ (0.00000)	\$ (23)	\$ 56	\$ 169
Jul-16	16,257,684	\$ (71)	6%	8/12	\$	(3) \$ (0.00000)	\$ (16)	\$ (19)	\$ 150
Aug-16	16,310,738	\$ (62)	6%	7/12	\$	(2) \$ (0.00000)	\$ (16)	\$ (18)	\$ 132
Sep-16	16,314,797	\$ (84)	6%	6/12	\$	(3) \$ (0.00000)	\$ (16)	\$ (19)	\$ 113
Oct-16	16,284,339	\$ (72)	6%	5/12	\$	(2) \$ (0.00000)	\$ (16)	\$ (18)	\$ 95
Nov-16 (est)	16,268,914	\$ 581	6%	4/12	\$	12 \$ (0.00000)	\$ (19)	\$ (7)	\$ 88

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

Net Interest \$ 88