May 11, 2018
Ms. Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E. Room 1A
Washington, DC 20426
Via e-filing

## Re: PECO Energy Company Docket No. ER17-1519-000 <br> Informational Filing of 2018 Formula Rate Annual Update; Notice of Annual Meeting

Dear Ms. Bose,
PECO Energy Company ("PECO") hereby submits electronically, for informational purposes, its Annual Update Information pursuant to the Formula Rate Implementation Protocols ("Protocols") of PECO contained in Attachment H-7C of the PJM Interconnection, L.L.C. ("PJM") Open Access Transmission Tariff ("Tariff"). ${ }^{1}$

The Protocols provide that:
On or before May 15 of each year, PECO shall provide its Annual Update and True-Up Adjustment to PJM Interconnection, L.L.C. ("PJM"), cause such information to be posted on the PJM website and OASIS, and file such information with the Federal Energy Regulatory Commission ("FERC") as an informational filing. Within five (5) days of such posting, PECO shall cause notice of such posting to be provided via an exploder list. ... On or before May 15 of each year, PECO shall provide its projected net revenue requirement to PJM, cause such information to be posted on the PJM website and OASIS, and file such information with the FERC as an informational filing. Within five (5) days of posting of the projected net revenue requirement, PECO shall cause notice of such posting to be provided to an email exploder list. ${ }^{2}$

[^0]The same information contained in this informational filing has been transmitted to PJM for posting on its website as required by the Protocols. Thus, all interested parties should have ample notice of and access to the Annual Update Information. The Protocols provide specific procedures for notice, review, exchanges of information and potential challenges to aspects of the Annual Update Information.

As required by the Protocols, notice of an Annual Meeting to be held on June 15, 2018 is also being provided on the PJM website. The Annual Meeting will permit PECO to explain and clarify the Annual Update and True-up Adjustment and will provide interested parties an opportunity to seek information and clarifications about the Annual Update and True-up Adjustment.

PECO has prepared the 2018 Annual Update Information in a manner consistent with its Protocols, as set forth in Attachment H-7C of the PJM Tariff. Appendix 1 is the projected net revenue requirement that will be used by PJM to determine charges for service to the PECO zone during the June 1, 2018 through May 31, 2019 rate period. Appendix 2 is the True-Up Calculation that provides the formula worksheets that reflect 2017 actuals and support the TrueUp Adjustment.

Sections II.F and II.G of the Protocols identify certain information that is to be provided in the Annual Update and projected net revenue requirement. This information is provided herein.
A. Changes to Formula References to the FERC Form No. 1

In accordance with Section II.F. 5 of the Protocols, PECO has identified two changes in the formula references to the FERC Form No 1. Appendix 3 hereto identifies these changes.

The first change relates to the adjustment of lines related to the calculation for Taxes Other than Income Taxes as a result of line adjustments to the FERC Form No. 1. Accordingly, the instruction for the calculation on Attachment 5-P3 Support, Line 2, Columns c-h, of the Formula Rate has been updated to include the appropriate FERC Form No. 1 references.

The second change relates to the transmission revenue that PECO received in 2017 as part of the true up adjustment calculation. Attachment 3-Project True-up, Note 3, explains that the "Revenue Received" on line 2, Col. (E), should be the total amount of revenue distributed to the company in the year as shown on pages 328-330 of the FERC Form No. 1. PECO's formula rate went into effect on December 1, 2017, and the revenue recognized in the true-up adjustment should only reflect the period for which the rate was in effect. The "Revenue Received" reflects the actual transmission revenue that PECO received from PJM for the month of December 2017. The other amounts on Attachment 3-Project True-up have been updated to reflect this one-month proration.
B. Material Adjustments to the FERC Form No. 1

In accordance with Section II.F. 6 of the Protocols, PECO confirms the Annual Update Information contains no material adjustments to FERC Form No. 1 data.

## C. Affiliate Cost Allocation

In accordance with Section II.F. 7 of the Protocols, PECO is hereby providing information about affiliate cost allocation. Exelon Business Services Company ("EBSC") offers a range of services to PECO and other affiliated members of the Exelon family of companies. Under the terms of the General Services Agreement ("GSA") between PECO and the EBSC, which was approved in the PECO/Unicom merger proceeding with the Pennsylvania Public Utility Commission ("PA PUC") at Docket No. A-110550F0147, the services furnished by the EBSC to PECO are to be billed at the EBSC's cost. Direct charges are made for services where possible. Otherwise, costs are allocated to affiliates of EBSC on the basis of the allocation factors/methodologies identified in the attachment to the GSA, which were previously reviewed and approved by the U.S. Securities and Exchange Commission ("SEC"). Costs distributed to PECO are recorded to the appropriate common Administrative \& General expense accounts on PECO's books. No changes to cost allocation methodologies were made from the prior year. Refer to pages 429 and 429.1 of the FERC Form No. 1 for the magnitude of such costs that have been allocated or directly assigned to PECO and each affiliate by service category or function.

## D. Accounting Changes

In accordance with Sections II.F. 8 and II.G. 5 of the Protocols, PECO confirms the Annual Update Information contains no material accounting change. Any material accounting change is discussed in applicable disclosure statements filed within the SEC Form 10-K and within the FERC Form No. 1.
E. Items Included on a Non-Historical Cost Basis

In accordance with Sections II.F. 9 and II.G. 6 of the Protocols, PECO has identified the following items included in the projected net revenue requirement that are on a non-historical cost basis:
(1) Income Tax Rate. PECO has updated the federal income tax rate from $35 \%$ to $21 \%$, as a reduction to the projected net revenue requirement, to reflect the impact of the 2017 Tax Cuts and Jobs Act ("TCJA").
(2) Excess Deferred Amortization. PECO has included excess deferred amortization, as a reduction to the projected net revenue requirement, to reflect the impact of the TCJA.
(3) Other Post-Employment Benefits ("OPEB"). PECO has made no change to OPEB costs reflected in the formula.

## F. Reorganization or Merger Transaction

In accordance with Sections II.F. 10 and II.G. 7 of the Protocols, PECO confirms there are no reorganization or merger transactions.
G. 2018 Annual Depreciation Report

In accordance with Note 7 in Attachment 8 Depreciation Rates of PECO's formula rate, a copy of PECO's 2018 Annual Depreciation Report as filed with the Pennsylvania Public Utility Commission is included as Appendix No. 4.

Thank you for your attention to this informational filing. Please direct any questions to the undersigned.

Very truly yours,
/s/ Jack R. Garfinkle
Associate General Counsel

Enclosures
cc: All parties on Service Lists in Docket No. ER17-1519-000

## PECO Electric Company Annual Meeting For the May 11, 2018 Formula Transmission Rate Annual Update

Section II.H of the formula rate protocols requires an open meeting among interested parties ("Annual Meeting") to be held no later than forty-five (45) days after the Publication Date of the Annual Update. This meeting is to explain and clarify the Annual Update and Trueup Adjustment filed on May 11, 2018, and give interested parties an opportunity to seek information and clarifications about the Annual Update and True-up Adjustment.

Accordingly, the following Notice is being posted by PJM on its internet website:

## I. Meeting Location

June 15, 2018
10:00 AM
PECO Main Office Building
2301 Market Street
Philadelphia, PA 19103
PECO invites those interested in participating in the meeting to contact Jennedy Johnson at (215) 841-4353 or via e-mail at Jennedy.Johnson @ exeloncorp.com by June 13, 2018, to arrange for building access or for a teleconference access number.

## II. Information Requests

Information requests should be submitted to Jennedy.Johnson@ exeloncorp.com.

Appendix 1
Populated Projected Net Revenue Requirement


Attachment H-7
Formula Rate - Non-Levelized

Rate Formula Template Utilizing FERC Form 1 Data PECO Energy Company

Rate Formula Template
Utilizing FERC Form 1 Dat
PECO Energy Company

| ${ }_{\text {Company Total }}$ |  | (4) | (5) <br> Transmission (Col 3 times Col 4 ) |
| :---: | :---: | :---: | :---: |
| - | NA |  | - |
| 1,575,609,663 | TP | 100.00\% | 1,575,609,663 |
| 6,163,196,087 | NA | 0.00\% |  |
| 273,671,452 | W/S | 11.76\% | 32,183,834 |
| 181,747,006 | DA |  | 16,349,475 |
| 569,789,786 | W/S | 11.76\% | 67,007,426 |
| $(2,960,087)$ | W/S | 11.76\% | $(348,107)$ |
| 8,761,053,906 | $\mathrm{GP}=$ | 19.30\% | 1,690,802,291 |
| - | NA |  | - |
| 507,162,514 | TP | 100.00\% | 507,162,514 |
| 1,735,908,212 | NA | 0.00\% | - |
| 69,584,406 | W/S | 11.76\% | 8,183,144 |
| 101,664,008 | DA |  | 5,959,767 |
| 277,854,376 | W/S | 11.76\% | 32,675,746 |
| $(213,052)$ | w/s | 11.76\% | $(25,055)$ |
| 2,691,960,462 |  |  | 553,956,116 |
| - |  |  | - |
| 1,068,447,150 |  |  | 1,068,447,150 |
| 4,427,287,875 |  |  | - |
| 204,087,046 |  |  | 24,000,689 |
| 80,082,998 |  |  | 10,389,708 |
| 291,935,410 |  |  | 34,331,680 |
| $(2,747,035)$ |  |  | (323,052) |
| 6,069,093,444 | $\mathrm{NP}=$ | 18.73\% | 1,136,846, 175 |
| Zero | NA | zero | - |
| (276,574,829) | TP | 100.00\% | $(276,574,829)$ |
| $(13,817,012)$ | TP | 100.00\% | $(13,817,012)$ |
| 18,643,206 | TP | 100.00\% | 18,643,206 |
| - | TP | 100.00\% |  |
| $(6,493,905)$ | DA | 100.00\% | $(6,493,905)$ |
| - | DA | 100.00\% |  |
| 32,679,469 | DA | 100.00\% | 32,679,469 |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| (245,563,071) |  |  | (245,563,071) |
| 1,137,057 | TP | 100.00\% | 1,137,057 |
| 29,776,494 |  |  | 8,719,755 |
| 12,972,612 | TP | 100.00\% | 12,972,612 |
| 1,425,117 | DA | 100.00\% | 1,425,117 |
| 44,174,223 |  |  | 23,117,485 |
| 5,868,841,653 |  |  | 915,537,646 |

Formula Rate - Non-Levelized

|  | (1) |
| :---: | :---: |
| $\begin{aligned} & \text { Line } \\ & \text { No. } \\ & \hline \end{aligned}$ |  |
|  | O\&M |
| 1 | Transmission |
| 2 | Less Account 566 (Misc Trans Expense) |
| 3 | Less Account 565 |
| 4 | Less Accounts 561.4 and 561.8 |
| 5 | A\&G |
| 6 | Account 566 |
| 7 | Amortization of Regulatory Asset |
| 8 | Miscellaneous Transmission Expense (less amortization of regulatory asset) |
| 9 | Total Account 566 |
| 10 | PBOP Adjustment |
| 11 | O\&M Cost to Achieve Included in O\&M Above |
| 12 | TOTAL O\&M |
| 13 | DEPRECIATION EXPENSE (Note U) |
| 14 | Transmission |
| 15 | General |
| 16 | Intangible |
| 17 | Common - Electric |
| 18 | Common Depreciation Expense Related to Costs To Achieve |
| 19 | Amortization of Abandoned Plant |
| 20 | Total depreciation |
| 21 | TAXES OTHER THAN InCOME TAXES |
| 22 | LABOR RELATED |
| 23 | Payroll |
| 24 | Other Payroll Related |
| 25 | PLANT RELATED |
| 26 | Property |
| 27 | Gross Receipts |
| 28 | Other |
| 29 | Misc. |
| 30 | TOTAL OTHER TAXES |
| 31 | INTEREST ON NETWORK CREDITS |
| 32 | InCOME TAXES |
| 33 | $\mathrm{T}=1-\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT})] /(1-\mathrm{SIT}$ * FIT * p $)$ \} |
| 34 | $\mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$ |
| 35 | FIT \& SIT \& P |
| 36 |  |
| 37 | $1 /(1-\mathrm{T})=(\mathrm{T}$ from line 33) |
| 38 | Amortized Investment Tax Credit |
| 39 | Excess Deferred Income Taxes |
| 40 | Tax Effect of Permanent Differences |
| 41 | Income Tax Calculation |
| 42 | ITC adjustment |
| 43 | Excess Deferred Income Tax Adjustment |
| 44 | Permanent Differences Tax Adjustment |
| 45 | Total Income Taxes |
| 46 | RETURN |
| 47 | Rate Base times Return |
| 48 | REV. REQUIREMENT |

Rate Formula Template PECO Energy Company
page 3 of 5
For the 12 months ended $12 / 31 / 2018$
$\left.\begin{array}{cccc}\text { (3) } & & \text { (4) } & \\ \text { Company Total } & & \begin{array}{c}\text { (5) } \\ \text { Transmission }\end{array} \\ \text { (Col 3 times Col 4) }\end{array}\right)$

Rate Formula Template
Utilizing FERC Form 1 Data
PECO Energy Company

## SUPPORTING CALCULATIONS AND NOTES



Rate Formula Template
Utilizing FERC Form 1 Data
PECO Energy Company

General Note: References to pages in this formulary rate are indicated as: (page\#, line\#, col.\#) erences to pages in this formulary rate are indicated as: (page\#, line\#, col.\#)
References to data from FERC Form 1 are indicated as: \#.y.x (page, line, column)

## Note

$\mathrm{A}_{\text {Letter }}{ }_{\text {Reserved }}$
 income. Account 281 is not allocated.
C $\quad$ Reserved
 Form 1.
 ISO filings, or transmission siting itemized at 351.h.


 266.8.f) multiplied by ( $1 / 1-\mathrm{T}$ ) (page 3 , line 36). Excess Deferred Income Taxes reduce income tax expense by the amount of the expense multiplied by (T/1-T).
$\begin{array}{ll}\text { Inputs Required: } & \text { FIT }= \\ & \text { SIT }=\end{array}$
SIT=
$p=$
21.00\%
9.99\% (State Income Tax Rate or Composite SIT)
$0.00 \%$ (percent of federal income tax deductible for state purposes)

H Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test),
 no through-flow when the generator is shut down.
Reserved
ROE
Reserved
Reserved
Reserved
Reserved
Reserved
Reserved
Calculate using 13 month average balance, except ADIT.
Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Utility must receive FERC authorization before recovering the cost of abandoned plant. Recovery of Regulatory Asset is permitted only as authorized by the Commission. Recovery of any regulatory assets requires authorization from the Commission. Excludes Asset Retirement Obligation balances
Company shall be allowed recovery of costs related to interest rate locks. Absent a Section 205 filing, Company shall not include in the Formula Rate, the gains, losses, or costs related to other hedges.
The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H that are not the result of a timing difference Calculated on Attachment 4A.

Instructions to Accounts 228.1 through 228.4
no amounts shall be credited to accounts 228.1 through 228.4 unless authorized by a regulatory authority or authorities to be collected in a utility's rates.

## Project Revene Eecequirement Worksheet PECO F Enery Company

To be completed in coniunction with Attacchment H -

|  | (1) |  | (3) |  |
| :---: | :---: | :---: | :---: | :---: |
| Line |  |  | Transmission | Allocator |
| 1 | Gros Transmision Plant - Total | Atach H , p P , line 2 col 5 ( (Note A) | 1,575,609,663 |  |
| 2 | Net Tranmisision Plant - Toal | Attach H -7, P 2, line 20 col 5 plus line $34 \& 37$ col 5 (Note B) | 1,068,477,150 |  |
| 3 | O¢M Expense |  |  |  |
| 4 |  |  | ${ }^{69,758,042.1} 0.04$ | 9.04 |
| 5 | GENERAL, INTANGIBLE AND COMMON (G\&C) DEPRECIATION EXPENSE Total G, I \& C Depreciation Expense | Atach $\mathrm{H}-7, \mathrm{p}$, , lines 15 to 18, col 5 ( Note H ) | 6,968,138.9 |  |
| 6 | Anual Allocation Facto for $\mathrm{G}, \mathrm{L}$ \& C Depreciation Expense | (line 5 divided by line 1 col 3 ) | 0.00 | ${ }^{0.00}$ |
|  | taxes otter than income taxes |  |  |  |
| 8 |  |  | $\xrightarrow{3,55,427.15} 0$ | 0.00 |
| 9 | Less Revenue Credits | Atach $\mathrm{H}-7, \mathrm{p}$, , line 2 col 5 | 9,293,776 |  |
| 11 | Annual Allocation Factor for Expense | Sum of line $4,6,8$, and 10 |  | ${ }^{0.05}$ |
|  | incometaxes |  |  |  |
| ${ }_{13}^{12}$ | Toal Income Taxes ${ }_{\text {a }}$ |  | ${ }^{19,879,764} 0$ |  |
| 13 | Annual Allocation Factor for frocone Taxes | (line 12 divided by line 2 col 3 ) | 0.02 | ${ }^{0.02}$ |
| 14 | $\xrightarrow{\text { Return }}$ Reum on Rate Base | Atach $\mathrm{H}-7, \mathrm{p}$, , line 47 col 5 | 73,370,501 |  |
| 15 | Amual Allocation Factor for Reurn on Rate Base | (line 14 divided by line 2 col 3 ) | 0.07 | 0.07 |
| 16 | Annual Allocation Factor for Return | Sum of fine 13 and 15 | 0.09 | 0.09 |


|  | (1) |  | (3) |  |
| :---: | :---: | :---: | :---: | :---: |
| Line |  |  | Transmission | Allocator |
| 1 | Gros Transmision Plant - Total | Atach H , p P , line 2 col 5 ( (Note A) | 1,575,609,663 |  |
| 2 | Net Tranmisision Plant - Toal | Attach H -7, P 2, line 20 col 5 plus line $34 \& 37$ col 5 (Note B) | 1,068,477,150 |  |
| 3 | O¢M Expense |  |  |  |
| 4 |  |  | ${ }^{69,758,042.1} 0.04$ | 9.04 |
| 5 | GENERAL, INTANGIBLE AND COMMON (G\&C) DEPRECIATION EXPENSE Total G, I \& C Depreciation Expense | Atach $\mathrm{H}-7, \mathrm{p}$, , lines 15 to 18, col 5 ( Note H ) | 6,968,138.9 |  |
| 6 | Anual Allocation Facto for $\mathrm{G}, \mathrm{L}$ \& C Depreciation Expense | (line 5 divided by line 1 col 3 ) | 0.00 | ${ }^{0.00}$ |
|  | taxes otter than income taxes |  |  |  |
| 8 |  |  | $\xrightarrow{3,55,427.15} 0$ | 0.00 |
| 9 | Less Revenue Credits | Atach $\mathrm{H}-7, \mathrm{p}$, , line 2 col 5 | 9,293,776 |  |
| 11 | Annual Allocation Factor for Expense | Sum of line $4,6,8$, and 10 |  | ${ }^{0.05}$ |
|  | incometaxes |  |  |  |
| ${ }_{13}^{12}$ | Toal Income Taxes ${ }_{\text {a }}$ |  | ${ }^{19,879,764} 0$ |  |
| 13 | Annual Allocation Factor for frocone Taxes | (line 12 divided by line 2 col 3 ) | 0.02 | ${ }^{0.02}$ |
| 14 | $\xrightarrow{\text { Return }}$ Reum on Rate Base | Atach $\mathrm{H}-7, \mathrm{p}$, , line 47 col 5 | 73,370,501 |  |
| 15 | Amual Allocation Factor for Reurn on Rate Base | (line 14 divided by line 2 col 3 ) | 0.07 | 0.07 |
| 16 | Annual Allocation Factor for Return | Sum of fine 13 and 15 | 0.09 | 0.09 |


|  | (1) |  | (3) |  |
| :---: | :---: | :---: | :---: | :---: |
| Line |  |  | Transmission | Allocator |
| 1 | Gros Transmision Plant - Total | Atach H , p P , line 2 col 5 ( (Note A) | 1,575,609,663 |  |
| 2 | Net Tranmisision Plant - Toal | Attach H -7, P 2, line 20 col 5 plus line $34 \& 37$ col 5 (Note B) | 1,068,477,150 |  |
| 3 | O¢M Expense |  |  |  |
| 4 |  |  | ${ }^{69,758,042.1} 0.04$ | 9.04 |
| 5 | GENERAL, INTANGIBLE AND COMMON (G\&C) DEPRECIATION EXPENSE Total G, I \& C Depreciation Expense | Atach $\mathrm{H}-7, \mathrm{p}$, , lines 15 to 18, col 5 ( Note H ) | 6,968,138.9 |  |
| 6 | Anual Allocation Facto for $\mathrm{G}, \mathrm{L}$ \& C Depreciation Expense | (line 5 divided by line 1 col 3 ) | 0.00 | ${ }^{0.00}$ |
|  | taxes otter than income taxes |  |  |  |
| 8 |  |  | $\xrightarrow{3,55,427.15} 0$ | 0.00 |
| 9 | Less Revenue Credits | Atach $\mathrm{H}-7, \mathrm{p}$, , line 2 col 5 | 9,293,776 |  |
| 11 | Annual Allocation Factor for Expense | Sum of line $4,6,8$, and 10 |  | ${ }^{0.05}$ |
|  | incometaxes |  |  |  |
| ${ }_{13}^{12}$ | Toal Income Taxes ${ }_{\text {a }}$ |  | ${ }^{19,879,764} 0$ |  |
| 13 | Annual Allocation Factor for frocone Taxes | (line 12 divided by line 2 col 3 ) | 0.02 | ${ }^{0.02}$ |
| 14 | $\xrightarrow{\text { Return }}$ Reum on Rate Base | Atach $\mathrm{H}-7, \mathrm{p}$, , line 47 col 5 | 73,370,501 |  |
| 15 | Amual Allocation Factor for Reurn on Rate Base | (line 14 divided by line 2 col 3 ) | 0.07 | 0.07 |
| 16 | Annual Allocation Factor for Return | Sum of fine 13 and 15 | 0.09 | 0.09 |


|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (12a) | (13) | (14) | (15) | (16) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Project Name | RTO Project Number or Zonal | Projet Gross Plant | Annual Allocation Factor for Expense | Annual Expense Charge | Project Net Plant or CWIP Balance | Annual Allocation <br> Factor for Return | Annual Return Charge | $\begin{gathered} \text { Project } \\ \text { Depreciation/Amort } \\ \text { ization Expense } \end{gathered}$ | Annual Revenue Requirement | Incentive Return in basis Points | Incentive Return | Ceiling Rate | Competitive Bid Concession | Total Annual Revenue Requirement | $\begin{gathered} \text { True-Up } \\ \text { Adjustment } \end{gathered}$ | Net Rer Req |
|  |  |  | (Note C) | (Page 1 line 11) | (Col. 3* ${ }^{\text {* }}$. 4 ) | (Notes D\& ${ }^{\text {d }}$ | (Page l line 16) | (Col. 6 * Col .7 7) | (Notes E\& I) | (Sum Col. 5,8 \& 9) | (Note K) |  | (Sum Col. 10 \& 12) | (Note J) | (Sum Col. 10 \& 12 Less Col. 13) | (Note F) | Sum Col. $14 \& 15$ (Note G) |
| ${ }^{172}$ | Zonal | Zonal | s 1,364,56,091 | 0.05 | ${ }_{69,526,478}$ | s 872,402,102 | 0.09 | 76,140,151 | 18,811,873 | 164,478,502 | - |  | 164,478,502 |  | 164,478,502 | 254,374 | 164,732,876 |
| 176 | Cenere Point $500-230 \mathrm{kV} \mathrm{Substation} \mathrm{Addition}$ | ${ }^{62269}$ | s $\quad 34.906,892$ | 0.05 | 1,778,557 | \$ 14,717,712 | 0.09 | 1,284,510 | ${ }^{343,532}$ | 3,406,599 |  |  | 3,406,599 |  | 3,406,599 | (150,988) | 3,255,611 |
| ${ }^{172}$ |  |  | \$ $\begin{aligned} & \text { S }\end{aligned}$ | ${ }_{0}^{0.05}$ | 年889,278 | s | ${ }_{0}^{0.09}$ | $2.569,019$ $\left.\begin{array}{l}382947 \\ \hline\end{array}\right)$ | 687,064 110157 | +1,45,362 |  |  | $4,145,362$ 727774 |  | 4,145,362 | (176,826 | $4,322,188$ <br> 56347 |
| ${ }_{1}^{17}$ |  | bl1591 b1398.8 |  | 0.05 <br> 0.05 <br> 0 | 234,699 <br> 78,23 | s s | 0.09 0.09 | 382,947 <br> 127649 <br>  | 110,157 <br> 36719 | 727,74 |  |  | 727,74 |  | 727,74 | ${ }_{\substack{\text { a }}}^{(164,2,26)}$ | $56,53.47$ <br> 266.68 |
| 17 f | Whitrain 500 kv Ciruitit Rraker Addition | ${ }_{\text {bo2099 }} 6$ | \$ ${ }^{\text {3,258,32 }}$ | ${ }_{0.05}$ | 1660,015 | \$ ${ }^{\text {¢ }}$ | 0.09 | ${ }^{239,365}$ | ${ }_{63,904}$ | 469,284 |  |  | 469,284 |  | 4469,284 | 1,471 | ${ }_{470,755}^{26,63}$ |
| 17 s | Elroy-Hosensack 500 kV Line Rating Increase | b0177.1 | \$ $\quad$ 4,456,731 | 0.05 | 227,077 | \$ 3,663,958 | 0.09 | 319,777 | ${ }^{85,372}$ | ${ }^{6332,226}$ |  |  | ${ }^{6332,226}$ |  | ${ }^{632,226}$ | 946 | ${ }^{633,172}$ |
| 177 | Camden-Richmond 3 30 kV Line Reting Increase | ${ }^{\text {bil }} 190.1 \mathrm{Iand}$ b 1590.2 ( s | s ${ }_{\text {s }}{ }^{13,978,6,69}$ | ${ }_{0}^{0.05}$ | 712,233 | $\begin{array}{ll}\text { s } & 12,8896,59 \\ \text { s } \\ \text { S }\end{array}$ | ${ }^{0.09}$ | 1,125,566 |  | 2,170,156 <br> 1830,39 |  |  | 2,170,156 <br> 1830,39 |  | $2,170,156$ <br> 1830,39 | 153,358 |  |
| ${ }^{17 i}$ |  | ${ }_{\substack{\text { bi900 } \\ \text { boz7 }}}$ | \$24,061,125 <br> 1 | ${ }^{0.05}$ | 1,259,949 | s | ${ }^{0.09}$ | ${ }^{2,777,872}$ |  | $4,830,639$ <br> 2069 |  |  |  |  |  | ${ }^{280,855}$ | $5,11.504$ <br> $\substack{\text { 2,94428 }}$ |
| , |  | ${ }_{\text {b22140 }}$ | ¢ ${ }_{\text {s }}$ | ${ }_{0.05}^{0.05}$ | 8868,228 | \$ | ${ }_{0}^{0.09}$ | 边 | ${ }_{\text {38, }}^{518}$ | ${ }_{\text {2, }}^{\text {2,66, } 137}$ |  |  | ${ }_{\text {2,660,137 }}$ |  | 2,666,137 |  |  |
| 171 | Chicheseresaville 138 kV L Line Reconductor | b1182 | s 17,950,807 | 0.05 | 914,620 | s 15,726,100 | 0.09 | 1,372,518 | 439,238 | 2,726,376 |  |  | 2,726,376 |  | 2,726,376 | 4,242 | 2,730,618 |
| 177 | Waneeta $230-138 \mathrm{kV}$ Transormer Addition | b1717 | s 11,220,087 | 0.05 | 571,680 | 10,73, ,5,50 | 0.09 | 937,022 | 258,033 | 1,766,805 |  |  | 1,766,805 |  | 1,766,805 | 5,202 | 1,771,825 |
| 1717 | Chicheseter $230-138 \mathrm{kV}$ Transformer Addition | ${ }^{1178}$ | s $\quad 8.3026 .590$ | 0.05 | 426,086 | s $\quad$ \%,342,445 | 0.09 | ${ }^{640,823}$ | 171,215 | 1,238,124 |  |  | 1,238,124 |  | 1,238,124 | 3,157 |  |
| ${ }_{178}^{17}$ | BraderordPlanebrook 230 kV Line Upgrades | b0790 | \$ $\quad 1,1712,754$ | 0.05 | 87,267 | \$ $\quad 1.585,530$ | 0.09 | 138,379 | 36,944 | ${ }^{262,590}$ |  |  | ${ }^{262,590}$ |  | 262,590 <br> 32507 | ${ }_{4}^{433}$ |  |
| 17 |  | ${ }_{\text {bosos }}^{\text {bus06 }}$ |  | 0.05 0.05 0 | 113,583 129,788 |  |  | 162,897 180,125 | ($5,2,28$ <br> 57,530 | 388.507 <br> 367,424 |  |  | $\substack{38,507 \\ 367,24}$ |  | $\substack{38,587 \\ 367,224}$ | ${ }_{573}^{(75)}$ | 328,432 367,97 |
| 17 | Bradifor-Planebrook 230 kV Line Upgrades | b0789 | s ${ }_{\text {2,399,200 }}$ | 0.05 | 120,205 | \$ ${ }^{\text {s }}$ | 0.09 | 188,785 | 50,401 | 359,391 |  |  | 359,391 |  | 359,391 | 584 | 359,974 |
| 178 | Planetrook 330 kV Capacioro Bank Addition | ${ }^{\text {b2020 }}$ | ${ }^{5}$ S ${ }^{\text {3,631,396 }}$ | 0.05 | 185,025 | s ${ }^{\text {s }}$ | 0.09 | 23,886 | ${ }^{6,4,043}$ | ${ }^{488,954}$ |  |  | 488,954 |  | ${ }^{488,954}$ | 1,537 | 490,492 660052 |
| 177 |  | ${ }_{\substack{\text { bu207 } \\ \text { bo209 }}}^{\text {ber }}$ | S $\$$ S | 0.05 <br> 0.05 <br> 0 | 2454,172 137541 1 |  | 0.09 0.09 | 326,613 186168 18, | 87,197 49,702 | ${ }_{\substack{658,982 \\ 373,411}}$ |  |  | ${ }_{\text {c }}^{6858,982}$ |  |  | 2,070 <br> 1.173 |  |
| 17 | Chichesese-Mickleoon 230 kV Line Reconductor | ${ }_{\text {B0264 }}$ | \$ ${ }_{\text {2,221,241 }}$ | ${ }_{0.05}$ | ${ }_{113,175}$ | ${ }_{\text {s }}{ }_{\text {s }}$ | 0.09 | 151,086 | 48,25 | 312,516 |  |  | 312.516 |  | 312,516 | ${ }_{462}$ | ${ }_{\substack{312,58, 312,97}}$ |
| 17 | Buckingham.Pleasant Valley 230 kV Line Reconductor | ${ }^{60357}$ | s ${ }^{\text {c }}$ |  | 87,793 | \$ 1,940,978 |  | 169,402 | 58,719 | 315,914 |  |  | 315,914 |  | 315,914 | (2,198) | 313,716 |
| ${ }_{17}^{17 \times}$ |  |  | s $\$$ | 0.05 <br> 0.05 | $\stackrel{271,388}{21986}$ | s s | 0.09 0.09 | $\xrightarrow{411,223}$ | 109,786 78.197 | 792,337 590067 |  |  | 792.337 590067 |  | 792,337 | (78,455 | ¢ |
|  | Heaon 230 kV Capactior Bank Adaition |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Gross Transmission Plant is that idenififed on page 2 line 2 of Atachment $H$


True-Up Adjustment is calululated on he Project True-up Schedulle for the Rate $Y$
The Ne Rev Reqis the value to be used in the race calumation under the applicable Schectule under rte PJM OATT for cach proje






2100 Basis Point Incentive Return

## Attachment 2 <br> Incentive ROE <br> PECO Energy Company

3 Long Term Debt (Attachment H-7, Notes Q and R)

5 Common Stock
(Attachment H-7, Notes K, Q and R)
6 Total (sum lines 3-5)
7100 Basis Point Incentive Return multiplied by Rate Base (line $1 *$ line 6 )


78,398,344.13

24,029,053
102,427,397
73,370,501
19,879,764
93,250,265

## Notes:

A Line 5 includes a 100 basis point increase in ROE that is used only to determine the increase in return and income taxes associated with a 100 basis point increase in ROE. Any actual ROE incentive must be approved by the Commission.
For example, if the Commission were to grant a 137 basis point ROE incentive, the increase in return and taxes for a 100 basis point
increase in ROE would be multiplied by 1.37 on Attachment 1 column 12
B The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H-7 that are not the result of a timing difference
Attachment 3
Project True-Up
PECO Energy Company

Notes: From Attachment 1 , line 15 , col. 14 for the projection for the Rate Year.
2) From Attachment 1 , line 15 , col. 14 for that project based on the actual costs for the Rate Year
3) The "Revenue Received" on line 2, Col. (E), is the total amount of revenue distributed to company in the year as shown on pages $328-330$ of the Form No 1 . The Revenue Received is input on line 2, Col. Eexcludes any True-Up revenues.
Column E , lines 3 are the dollar amounts of Revenue Received reflecting the $\%$ in Column D . This assigns to each project a percentage of the revenue received based on the percentage of the Projected Net Revenue Requirement in Column C .
Column D, lines 3 are sourced from the projected revenue requirement for the year at issue.
4) Interest from Attachenent 6 .
4) Interest from Attachment 6 .
5) Prior Period Adjustment from line 5 is pro rata to each project, unless the error was project specific

 Atachment $H$ wifl hen be entered in Col. (F) above. Column (E) above contains the actual revenues received associated with Attachment $H$ and any Projects paid by the $R$ RTO to the utility during the True-Up Year. Then in Col. (G) Col. (E) is subtracted from Col. (F) to calculate the True-up Adjustment. The Prior Period Adjustment from Line 5 below is input in Col. (H). Column (I) is the applicable interest rate from Attachment 6 . Column (I) adds the interes
subjeet to True $U$ P here went into effect.

| $\underset{\substack{\text { Line } \\ \text { No }}}{ }$ |  | Attachment 4 Rate Base Worksheet PECO Energy Company |  |  |  |  |  |  | Page 1 of 2 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Gross Plant In Service |  |  | CWIP <br> CWIP in Rate Base <br> $(\mathrm{e})$ <br> 27 | LHFFU | Working Capital |  | Accumulated Depreciation |  |  |
|  |  | Transmission | General | Common |  | Held for Future Use | Materials \& Supplies | Prepayments | Transmission |  |  |
|  | (a) | (b) | (c) | (d) |  | (f) | (g) | (b) | (i) | (j) | (k) |
|  | Atachment H, Page 2, Line No: | , | ( | 5 |  | 31 | 34 | 35 |  | 11 | 12 |
|  |  | 207.58.g minus 207.57.g. Projected monthly balances that are the amounts expected to be included in 207.58.g for end of year and records for other months (Note I) | 207.99.g minus 207.98.g for end of year, records for other months | Electric Only, Form No 1, page 356 for end of year, records for other months | (Note C) | 214.17,d, 214.20,d and 214.22,d for end of year, records for other months | 227. 8. $\mathrm{c}+(227.16 . \mathrm{c}$ * <br> Labor Ratio) for end of year, records for other months | 111.57.c for end of year, records for other months | Projected monthly balances that are expected to be included in 219.25.c for end of year and records for other months (Note I) | 219.28.c for end of year, records for other months | Electric Only, Form No 1, page 356 for end of year, records for other months |
| 1 | December Prior Year | 1,547,012,084 | 254,708,195 | 558,388,839 |  | 1,127,275 | 12,954,107 | 1,590,663 | 494,610,735 | 63,297,973 | 264,599,972 |
| 2 | January | 1,545,817,812 | 255,587,400 | 563,437,237 |  | 1,127,275 | 13,198,270 | 1,474,925 | 496,677,799 | 64,349,149 | 266,757,675 |
| 3 | February | 1,547,575,763 | 253,241,208 | 566,108,859 |  | 1,127,275 | 13,153,882 | 1,167,915 | 498,752,452 | 65,394,628 | 268,904,701 |
| 4 | March | 1,550,423,492 | 255,462,590 | 566,488,000 |  | 1,127,275 | 13,070,208 | 1,489,936 | 500,827,786 | 66,436,125 | 271,011,253 |
| 5 | April | 1,551,385,138 | 257,680,013 | 567,552,524 |  | 1,141,405 | 13,254,835 | 1,274,659 | 502,902,697 | 67,47,961 | 273,126,789 |
| 6 | May | 1,554,330,717 | 265,483,331 | 568,318,173 |  | 1,141,405 | 12,822,381 | 1,381,460 | 504,977,289 | 68,525,719 | 275,266,783 |
| 7 | June | 1,578,028,013 | 278,226,922 | 569,020,533 |  | 1,141,405 | 13,101,071 | 1,778,639 | 507,075,343 | 69,589,730 | 277,461,526 |
| 8 | July | 1,582,044,499 | 281,329,477 | 569,486,433 |  | 1,141,405 | 13,243,817 | 1,417,073 | 509,197,928 | 70,647,238 | 279,691,870 |
| 9 | August | 1,588,336,917 | 284,492,521 | 570,787,342 |  | 1,141,405 | 13,204,483 | 1,136,311 | 511,326,791 | 71,698,762 | 281,952,951 |
| 10 | September | 1,593,159,799 | 287,949,865 | 571,798,160 |  | 1,141,405 | 12,826,018 | 1,445,046 | 513,462,762 | 72,744,371 | 284,374,390 |
| 11 | October | 1,598,979,233 | 291,414,478 | 573,004,108 |  | 1,141,405 | 12,393,762 | 1,684,776 | 515,605,332 | 73,783,631 | 286,934,540 |
| 12 | November | 1,602,446,584 | 294,800,210 | 579,552,244 |  | 1,141,405 | 12,521,319 | 1,469,865 | 517,753,069 | 74,816,199 | 289,608,976 |
| 13 | December | 1,643,385,575 | 297,352,664 | 583,324,766 |  | 1,141,405 | 12,899,808 | 1,215,256 | 519,942,695 | 75,839,788 | 292,415,459 |
| 14 | Average of the 13 Monthly Balances | 1,575,609,663 | 273,671,452 | 569,789,786 |  | 1,137,057 | 12,972,612 | 1,425,117 | 507,162,514 | 69,584,406 | 277,854,376 |

Adjustments to Rate Base

(except ADIT which is the amount shown on Attachment 4A)


## - for the Projection




nstructions for Account 190:

1. ADI Titems related only to Non-Electric Operations e.e., Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Non-Electric Operations (e.g, Gas, Water, Sewer) or
3. ADIT items related only to Transmission are directly assigned to column $D$
4. ADT Titems related to Plant other than general plant, intangible plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Colum
5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADTT is not included in the formula
the associated ADIT amount shall be excluded
ADIT BOY Worksheet

|  | ADIT- 282 | $\begin{gathered} \text { B } \\ \text { Total } \end{gathered}$ | $\begin{gathered} \text { C } \\ \text { Gas, Prod } \\ \text { Retail Or Other } \\ \text { Related } \end{gathered}$ | $\underset{\substack{\mathrm{D} \\ \text { Transmission } \\ \text { Related }}}{ }$ | $\begin{gathered} \text { E } \\ \begin{array}{c} \text { Plant } \\ \text { Related } \end{array} \end{gathered}$ | $\begin{aligned} & \text { Labor } \\ & \text { Related } \end{aligned}$ | Justification $\quad$ G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13a | Property Related ADIT, Excl. ARO |  |  |  |  |  |  |
| ${ }^{136}$ | Common | (39,051,003) |  |  |  | (39,051,003) | Included because plant in service is included in rate base. |
| 13 c | Distribution | (1,913,939,237) | (1,913,939,237) |  |  |  | Related to Distribution property. |
| 13d | Electric General | $(5,406,256)$ |  |  |  | $(5,406,256)$ | Included because plant in service is included in rate base. |
| 13 e | Transmission | (369,697,372) |  | (369,697,372) |  |  | Included because plant in service is included in rate base. |
| 137 |  |  |  |  |  |  |  |
| ${ }^{138}$ |  |  |  |  |  |  |  |
| 13 h |  |  |  |  |  |  |  |
| 14 | Subtotal - p275.2.b | (2,328,093,888) | (1,913,939,237) | (369,697,372) |  | (44,457,259) |  |
| 15 | Less FASB 109 Above if not separately removed | (1,171,612,218) | (1,029,534,767) | (122,140,216) |  | (19,937,235) |  |
| 16 | Less FASB 106 Abve if not separately removed |  |  |  |  |  |  |
| 17 | Total | (1,156,481,650) | (884,404,470) | (247,557,156) |  | (24,520,024) |  |

Instructions tor Account 282:

1. ADTT items related only to Non-Electric Operations (e.g, Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Transmission are directly assigned to column D
3. ADIT items related to Plant other than general plant, intangible plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Column
4. Deferred income taxes arise when items are includuded in taxable income in dififerent periods than they are included in rates, therefore if the item giving rise to the ADTT is not included in the formula 5. Defirered income taxes arise when items are
the associted ADIT amount shall be excluded

|  | TER | (14,38, ${ }^{\text {a }}$ | (14,37,386) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 | AEC RECEIVABLE | $(2,480,113)$ | $(2,480,113)$ |  |  | Retail related |
| 25b | AMORT-BK-PREMIUMS ON REACQD DEBT-9.5\% | (685,252) |  | (685,252) |  | Book reapaitalizes costs incurred to retire or reacquire debt issuances. Tax deducts these costs when incurred. |
| 25 c | CAP FORGIVENESS REG ASSET | $(4,307,298)$ | (4,307,298) |  |  | Retail related |
| 25 d | CAP SHOPPING REG ASSET | (179,578) | (179,578) |  |  | Retail related |
| 25 | DSP 2- REGULATORY ASSET | (52,703) | (52,703) |  |  | Retail related |
| $25 f$ | ELEC RATE CASE EXP - REG ASSET | (183,943) | (183,943) |  |  | Retail related |
| 25 g | ENERGY EFFIIIENCY REG ASSET | (404,019) | (404,019) |  |  | Retail related |
| 25 h | Gross Up on State Def Tax Adj-AMR Reg Asset | (1,344,007) | $(1,344,007)$ |  |  | Retail related |
| $25 i$ | HOLIDAY PAY CHANGE IN PROVISION |  |  |  |  | The book expense on Jan 1 of calendar year; accelerated tax expense taken in previous calendar year. Related to all functions. |
| 25 j | OCI-Def FIT \& SIT | (668,412) | (668,412) |  |  | Excluded because the underlying account(s) are not included in model |
| 25k | OTHER CURRENT REG ASSET: |  |  |  |  |  |
| 251 | Loss Of REAQUIRED DEBT | (291,120) |  | (291,120) |  | Book recapitalizes costs incurred to retire or reacquire debt issuances. Tax deducts these costs when incurred. Included in debt capitalization ratio on Appendix A, line 111. |
| 25m | Vacation accrual | (2,402,907) |  |  | (2,402,907) | Current portion of vacation pay earned and expensed for books, tax takes the deduction when paid out. Related to all functions. |
| $25 n$ | Smart meter | $(4,792,796)$ | $(4,792,796)$ |  |  | Retail related |
| 250 | CAP SHOPPING REG ASSET | (352,997) | (352,997) |  |  | Retail related |
| 25p | CAP FORGIVENESS REG ASSET | (292,535) | (292,535) |  |  | Retail related |
| 25q | FAS 112 | (298,985) |  |  | (298,985) | Employer provided benefits to former employees but before retirement. |
| $25 r$ | ELEC RATE CASE EXP - REG ASSET | (183,751) | (183,751) |  |  | Retail related |
| 255 | PURTA | $(2,331)$ |  | $(2,331)$ |  | Property taxes. Book records on an accrual method based on the prior year; tax reverses the book accrual and deducts the actual payments made. . Relates to all functions. |
| $25 t$ | SEAMLESS MOVES | (55,320) | $(55,320)$ |  |  | Retail related |
| 25 | ENERGY EFFICIENCY REG ASSET | (118,249) | (118,249) |  |  | Retail related |
| $25 v$ | OTHER CURRENT REG ASSET | (236,098) | (236,098) |  |  | Gas Related |
| 25w | STATE TAX RESERVE | $(8,605,739)$ |  | (8,605,739) |  | The state income tax is cash basis |
| 25x |  |  |  |  |  |  |
| $\cdots$ | Subtotal - p276.9.b | (42,316,539) | (30,030,205) | (9,584,442) | (2,701,892) |  |
| 27 | Less FASB 109 Above if not separately removed | $(1,344,007)$ | $(1,344,007)$ |  |  |  |
| 28 | Less FASB 106 Above if not separately removed |  |  |  |  |  |
|  | Total | (40,972,532) | (28,686,198) | (9,584,442) | (2,701, 892) |  |

## Instruction for Account 283:

1 AIT Teracoum tor
2. AIT Titems related only to Transmission are directly assigned to Column $D$
3. ADIT items related to Plant ther than general plant, intangible plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Column
4. ADT Titems related to labor, general plant, intangible plant, or common plant and not in Columns $C \& D$ are included in Column $F$
4. Peferred income taxes sirise when items are included in taxable income in ififferent periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula
the associated ADIT amount shall be excluded

| Only |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Transmission | Plant | Labor |  |
| Related | Related | Related |  |
| (266,240,038) |  | $(33,359,806)$ | (From line 5 for the column) |
|  | (6,327,128) | (108,024,770) | (From line 17 for the column) |
|  | 7,420,671 | 153,189,182 | (From line 29 for the column) |
| (266,240,03) | 1,093,543 | 11,804,606 | (Suma-c) |

Line In filling out this sttachment, a full and complete description of each item and justification for the allocation to Columns $C$ CF and each separate AITT item will be listed. Dissimilar items
with amounts exceeding $\$ 100,000$ will be bel isted separately.

| ADIT-190 | $\underset{\text { Total }}{\text { B }}$ | C Gas, Prod Retail Or Other Related | $\begin{gathered} \mathrm{D} \\ \text { Only } \\ \text { Transmission } \\ \text { Related } \end{gathered}$ | Plant Related | $\begin{aligned} & \text { Labor } \\ & \text { Related } \end{aligned}$ | Justification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ACCRUED BENEFTS | 849,467 |  |  |  | 849,467 | Related to employer costs of benefits, such as health insurance, $401(\mathrm{k})$, etc. The amounts are recorded to the liability and cleared through payments during each bi-weekly payroll. Any balance in the account at the end of the month would relate to the month-end accrual that is recorded at the end of the month and reversed on the first calendar day of the next month. As such, there is a book to tax timing difference. |
| ADDBACK OF NOSO EXPENSE | 1,877,516 |  |  |  | 1,877,516 | No current book activity, tax deducts as distributions are made from the trust - employees in all functions. |
| ADDBACK OF OTHER EQUITY COMP EXPENSE | 1,247,830 |  |  |  | 1,247,830 | Book expense recorded when stock is granted, tax expense when stock is issued at market price - employees in all functions. |
| AMORT-ORGANIZATIONAL COSTS |  |  |  |  |  | Excluded because the underlying account (s) are not included in model |
| BAD Debt - Change in provision | 13,778,093 | 13,788,092 |  |  |  | Retail bad debt. For book, expense taken as it's identified; tax deduction not taken until fully written-off and all collection efforts abandoned. Relates to retail operations. |
| CHARTTABLE CARRYFORWARD | 1,570,195 | 1,570,195 |  |  |  | Excluded because the underlying account(s) are not included in model |
| CUSTOMER ADVANCES - Construction | 158,593 | 158,593 |  |  |  | Excluded because the underlying account(s) are not included in model |
| deferred compensation | 2077910 |  |  |  | 2077910 | Book records estimated accrued compensation; tax deducts only upon the retirement or other separation from service by the employees. Relates to all |
| DELERRED COMPENSATİ | 2,077,910 | 220,916 |  |  | 2,07,910 | Excluded because the underlying account(s) are not included in model |
| FAS 112 | 207,942 |  |  |  | 207,942 | Employer provided benefits to former employees but before retirement. |
| FEDERAL NOL | 1,141,419 |  |  | 1,141,419 |  | PECO is in a net operating loss situation, therefore, losses are carried forward until such losses can be applied to taxable income. |
| FIN 47 ARO |  |  |  |  |  | Acrrual of future removal/retirements. Book recognized the expense estimate accrual, tax recognizes when paid. Related to all functions. |
| Gross Up-Bill E Credit | 9,573,744 | 9,573,744 |  |  |  | Excluded because the underlying account(s) are not included in model |
| Incentive pay | 9,947,772 |  |  |  | 9,947,772 | Book records an accrual in filing year on estimated payouts; tax reverses the accrual and deducts the actual paid out. Relates to all functions. |
| INJURIES AND DAMAGE PAYMENTS |  |  |  |  |  | Books records an estimated liability for injuries and damages, tax purposes a deduction is only taken when actual payments are made. |
| MERGER COSTS NC |  |  |  |  |  | Excluded because the underlying account(s) are not included in model |
| DEFFERRED CHARGES - TAX REPAIRS BILL CREIT-DIST | 1,153,652 | 1,153,652 |  |  |  | Excluded because the underlying account(s) are not included in model |
| OBSOLETE MATERIALS PRovision | 429,796 | 429,796 |  |  |  | Excluded because the underlying account(s) are not included in model |
| OTHER CURRENT |  | 0 |  |  |  |  |
| FACILITY COMMITMENT REES | 10,794 |  |  | 10,794 |  | Debt related |
| FINES \& OTHER | 192,052 | 192,052 |  |  |  | Excluded because the underlying account(s) are not included in model |
| OTHER NONCURRENT- RAILROAD LIABLITY | 83,758 |  |  | 83,758 |  | Related to reserve for required maintenance on right of ways. |
| OTHER UNEARNED Revenue-deferred rents | 265,981 |  |  | 265,981 |  | Rent expense deferred and amortized ratably for books, tax deduction when paid - used for all functions. |
| Payroll taxes | 626,979 |  |  |  | 626,979 | Book records a payroll tax accrual, tax reverses the accrual and deducts the actual amount paid out. Relates to all functions. |
| PENNSTLVANIA NOL | 6,078,222 |  |  | 6,078,222 |  | PECO is in a net operating loss situation, therefore, losses are carried forward until such losses can be applied to taxable income. |
| PENSION EXPENSE PROVISION |  |  |  |  |  | Book accrues and capitalizes anticipated Pension costs based on actuarial analysis. Tax deducts or capitalizes retirement benefits only when the amounts are paid. Related to all functions |
| POLE ATTACHMENT RESRRVE |  |  |  |  |  | Excluded because the underlying account(s) are not includde in model |
| POST RETIREMENT BENEFITS | 77,957,835 |  |  |  | 77,957,835 | Book accrues anticipated post retirement costs based on actuarial analysis. Tax deducts retirement benefits only when the amounts are paid or contribut to a fund |
|  |  |  |  |  |  | Related to reserves associated with ongoing and/or pending litigation. These are not legal service fees, but accrual for possible liability payments upon |
| RESERVE FOR EMPLOYEE LITIGATIONS Current |  |  |  |  |  | resolution of ongoing litigation matters. Since we have accrued, but not yet paid, we have to book the tax reserve. |
| SA UNBILLED RESERVE | 3,827,688 | 3,827,688 |  |  |  | Retail related |
| SECA Refund |  |  |  |  |  | Retail related |
| SEPTA RAILROAD RENT |  |  |  |  |  | Reserve for potential transmission rent expense |
| SEVERANCE PMTS CHANGE IN PROVIIION | 61,677 |  |  |  | ${ }^{61,677}$ | Book records an accrual; tax takes the deduction when actually paid. Relates to all functions. |
| VACATION PAY CHANGE IN PROVISION | 1,004,916 |  |  |  | 1,004,916 | Capitalized portion of vacation pay earned and expensed for books, tax takes the deduction when paid out. Related to all functions. |
| VEGETATION MGMt ACCRUAL | 1,560,924 | 1,560,924 |  |  |  | Excluded because the underlying account(s) are not included in model |
| WORKERS COMPENSATION RESERVE | 10,806,431 |  |  |  | 10,806,431 | Related to all functions. |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Subtotal P P234.8.c | 146,712,102 | 32,465,652 |  | 7,580,174 | 106,666,275 |  |
| Less FASB 109 Above if not separately removed | (39,114,758) | 7,248,646 |  | 159,503 | $(46,522,907)$ | Includes FASB 109 related to TJIA |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | 185,826,860 | 25,217,006 |  | 7,420,671 | 153,189,182 |  |

## Instructions for Account 190:

1. ADIT items realeded only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column
2. ADIT Titems related only to Transmission are directly assigned to column D



|  | ADIT-282 | Total | $\begin{aligned} & \text { Gas, Prod } \\ & \text { Retail OO Other } \\ & \text { Related } \end{aligned}$ | Only Transmission Related | Plant Related | Labor Related | Justification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13a | Property Related ADIT, Excl ARO |  |  |  |  |  |  |
| 136 | Common | (28,709,490) |  |  |  | (28,709,490) | Included because plant in service is included in rate base. |
| c | Distribution | (1,121,038,511) | (1,121,038,511) |  |  |  | Related to Distribution property. |
| ${ }^{13 \mathrm{~d}}$ | Electric General | (3,411,310) |  |  |  | $(3,411,310)$ | Included because plant in service is included in rate base. |
| 13 e | Transmission | (213,299,037) |  | (213,299,037) |  |  | Included because plant in service is included in rate base. |
| $13 f$ |  |  |  |  |  |  |  |
| 13g |  |  |  |  |  |  |  |
| ${ }^{13 \mathrm{~h}}$ |  |  |  |  |  |  |  |
| 14 | Subtotal - p275.2. | ${ }_{(1,366,458,348)}$ | ${ }_{(1,121,038,511)}$ | (213,299,037) |  | (32,120,800) |  |
| 15 | Less 5 FASB 109 Above if int separately removed | $(148,820,113)$ | (203,000,120) | 52,941,001 |  | 1,239,006 |  |
| 16 | Less FASB 106 Above i if not sparataly removed |  |  |  |  |  |  |
|  | Total | $(1,217,638,235)$ | (918,038,391) | (266,240,038) |  | (33,359,806) |  |

${ }_{19}^{18}$ Instructions for Account 282:

```
/nstructions for
    1. ADIT tems realed only to Non-Electric Operations (e.g,, Gas, Water, Sever) or Production are directly assigned to Column C
```




```
    5.Defered income taxes arise when items are id
```

$\begin{array}{ccccc}\text { B } & \begin{array}{c}\text { C } \\ \text { Total }\end{array} & \begin{array}{c}\text { Gas Prod } \\ \text { Retail Or Other } \\ \text { Related }\end{array} & \begin{array}{c}\text { D } \\ \text { Only } \\ \text { Transmission } \\ \text { Related }\end{array} & \begin{array}{c}\text { Plant } \\ \text { Related }\end{array}\end{array} \begin{gathered}\text { Labor } \\ \text { Related }\end{gathered}$ $\stackrel{\text { Labor }}{\text { Related }}$

Justification


| (6,67 |
| :---: |
| (1,172 |
| (2,10) |
|  |
|  |
| $(19$ |
| (57) |
| (56 |
|  |
|  |
| (3,58) |
| (24 |
|  |
|  |
|  |
|  |
| (2,21) |
|  |
| ${ }^{9,14}$ |
|  |
|  |
| 26,97 |
| (1,58, |
| 25,39 |

Instructions for Account 283:

1. ADIT items realted only to Non-Electric Operations (e.g., Gas, Water, Sever) Production are directy assigned to Column C
2. ADIT Tems realed only to Transmission are directly assigned to Column D
3. ADIT items related to Plant other than general plant, intangible plant or common plant and not in Columns C 8 D are included in Column E
4. Defereden incoane to to labor, general plant, intangible plant, or common plant and not in Columns $\subset \&$ a are included in $C$ Column $F$
5. Deferede income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving ise to the ADTT is not included in the fomula
the a ssociated ADIT amount shal be excluded

| Atachment 4D - Intangible Plant Workpaper |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Intangible Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} \text { (a) } \\ \text { Gross Plant } \end{gathered}$ | (b) | ${ }_{\text {Janary }}^{(c)}$ | (d) February |  | $\underset{\text { April }}{(f)}$ | $\underset{\text { May }}{(\mathrm{g}}$ | $\underset{\substack{\text { June }}}{(h)}$ | $\begin{gathered} \text { (i) } \\ \text { July } \end{gathered}$ | $\begin{gathered} (j) \\ \text { August } \end{gathered}$ | September | $\underset{\text { October }}{\left(\begin{array}{c} \text { (1) } \end{array}\right)}$ | $\underset{\text { November }}{(\mathrm{m})}$ | $\underset{\text { December }}{(\mathrm{n})}$ | $\underset{\text { Average }}{(0)}$ | $\underset{\text { Transmission }}{\text { (p) }}$ | $\begin{gathered} \text { Distribution } \end{gathered}$ | s\&W Allocation | ${ }_{\text {cosel }}^{\text {(s)al }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | Intanibles - General | 14,32,648 | 17,629,714 | 16,34,816 | 18,245,161 | 27,396,44 | 31,814,963 | 40,907,367 | 42,522,656 | 48,285,828 | 67,87,884 | 70,889,385 | 76,030,613 | 78,685,491 | 42,374,921 |  |  | 921 | 42,34,921 |
| ${ }_{3}$ | ${ }_{\text {IT }}$ IT NERC CIP - - Trasmission | ${ }_{\substack{11,298.011 \\ 2042317}}$ | 11,298.011 2002317 102317 | ${ }_{\substack{11,298.011 \\ 2042317}}^{\text {20, }}$ | $111,298,011$ $2.042,317$ 2 | $11,298,011$ 2,042317 | $\underset{\substack{11,298,011 \\ 2.042,317}}{2,3}$ | $11,298,011$ $2.042,317$ | $11,298,011$ $2.042,317$ | $\underset{\substack{11,298,011 \\ 2.042,317}}{2,18}$ | $\underset{\substack{11,298,011 \\ 2.042,317}}{ }$ | $\underset{\substack{11,298,011 \\ 2.042,317}}{\substack{\text { a }}}$ | $\underset{\substack{11,298,011 \\ 2.042,317}}{ }$ | $\underset{\substack{11,298,011 \\ 2.042,317}}{ }$ |  | 11,298,011 | 2.042.317 |  | $11,298,011$ $\substack{2042,317}$ $1,2,31$ |
| 4 | IT DSP - Distribution | 2,231,384 | 2,231,384 | 2,231,384 | ${ }_{2,231,384}$ | 2,231,184 | ${ }_{2,231,384}$ | 2,231,384 | 2,231,184 | 2,231,384 | ${ }_{2}^{2}, 231,384$ | ${ }_{2,231,184}$ | 2,231,384 | 2,231,384 | 2,231,384 |  | 2,231,384 |  | ${ }_{2}^{2,2,211,384}$ |
| 5 | IT BIDA GRII T\&D |  |  |  | 342.500 | 342.500 | 342.500 | 685,000 | 685,000 | 685,000 | 1,027,500 | 1,027,500 | 1,027,500 | 1,370.000 | 579.615 |  |  | 579,615 | ${ }_{577.615}$ |
| 6 | IT BIDA - Distribution | 16,04,656 | 16,093,858 | 16,093,858 | 16,695,379 | 16,695,379 | 16,695,379 | 17,296,900 | 17,296,900 | 17,296,900 | 17,888.421 | 19,359,054 | 19,409,439 | 20,215,349 | 17,472.421 |  | 17,47, 421 |  | 17,47,421 |
| 7 | IT Post 2010 and Other - Distribution | 19,638,254 | 19,638,254 | 19,638,254 | 19,688,254 | 19,638,254 | 19,688,254 | 19,638,254 | 19,638,254 | 19,688,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 |  | 19,638,254 |  | 19,688,254 |
| 8 | IT Smart Meter - Distribution | 86, 110,084 | 86,110,084 | 86,110,084 | 86, 110,084 | 86,110,084 | 86, 110,084 | 86, 110,084 | 86, 110,084 | 86, 110,084 | 86, 110,084 | 86, 110,084 | $86,110,084$ | 86, 110,084 | 86, 110,084 |  | 86, 110,084 |  | 86,110,084 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12131414 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14151616 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1617 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 | Total | 151,747,354 | 155,043,620 | 153,759,723 | 156,003,089 | 165,754,375 | 170,172,890 | 180,209,316 | 181,84, 005 | 187,587,777 | 208,033,853 | 212,595,987 | 217,787,600 | 221,59, 888 | 181,747,006 | 11,298,011 | 127,494,459 | 42,954,536 | 181,747,06 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Allocation Factor | 100.00\% | 0.00\% | ${ }^{11.76 \%}$ |  |
| ${ }^{21}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Intangible | ble - Transmission | 11,298,011 |  | 5,051,465 | 16,394,475 |
| Accumulated Depreciation |  | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |  |  | (1) | (m) |  |  |  |  |  |  |
|  |  | December Prior Year | January | February | March | April | May | June | July | August | September | October | November | December | Average | Transmision | Distribution | S\&W Allocation | Total |
| 22 Intangibles - General |  | 4,923,130 | 5,134,501 | 5,346,437 | 5,558,760 | 5,833,214 | 6,172,573 | 6,550,952 | 6,968,354 | 7,393,319 | 7,828,234 | 8,279,156 | $8,744,012$ | 9,215,530 | ${ }_{6,765,24}$ |  |  | 6,765,244 | ${ }_{\text {comb } 765,24}$ |
| 23 IT NERC CIP - Transmission |  | 4,031,408 | 4,219,691 | 4,407,975 | 4,596,259 | 4,784,543 | 4,972,827 | 5,161,111 | 5,349,395 | 5,537,679 | 5,725,963 | 5,914,247 | 6,102,531 | 6,290,814 | 5,161,111 | 5,161,111 |  |  | 5,161,111 |
| 24 | 25 IT DSP - Distribution | 586,795 1.961801 | 621,278 1.961801 | -655,761 |  | 724,728 196181 1 | 799.211 <br> 1.961801 |  | 828,178 |  | ${ }_{\text {8 }} 897.145$ | 931,628 | 966.111 | 1,000.995 | \%93.695 |  | ${ }^{793.695}$ |  | 793.695 |
| 26 |  | 1,961,801 | 1,961,801 | 1,961,801 | 1,961,801 | ${ }_{\text {1,961,801 }}^{1,116}$ | 1,961,801 10.103 | 1,961,801 | 1,961,801 | 1,961,801 | ${ }^{1,991,801}$ | $\underset{\substack{\text { 1,961,801 } \\ 5 \times 5045}}{ }$ | ${ }_{\text {1,961,801 }}$ | ${ }^{1,9661,801} 81.548$ | 1,961,801 |  |  | 26.033 | -1,961.801 |
| $\stackrel{27}{28}$ | IT BIDA - Distribution | 1,493,220 | 1,531,430 | 1,569,636 | 1,611,424 | 1,656,794 | 1,702,165 | 1,751,117 | 1,803,652 | 1,856,186 | 1,912,303 | 1,980,699 | 2,058,091 | 2,140,583 | 1,774,408 |  | 1,774,408 |  | 1,774,408 |
|  |  |  | 15,209,326 | 15,338,148 | 15,466,970 | 15,995,793 | 15,724,615 | 15,853,437 | 15,982,259 | 16,111,082 | 16,239,904 | 16,368,726 | 16,497,548 | 16,626,371 | 16,755,193 | 15,982,259 |  | 15,982,259 |  | 15,982,259 |
|  |  |  | 65,618,582 | 66,52, 3 ,45 | 67,440,107 | 68,155,995 | 68,569,770 | 68,983,545 | 69,397,319 | 69,811,094 | 70,224,868 | 70,633,908 | 71,030,254 | 71,418,645 | 71,779,517 | 69,199,458 |  | 69, 199,458 |  | 69,199,458 |
| 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35 <br> 36 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| - 37 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{array}{r}38 \\ 38 \\ \hline\end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 | Total | 93,84,262 | 95,336,194 | 96,888,688 | 98,172,315 | 99,261,581 | 100,415,752 | 101,614,564 | 102,85,018 | 104,109,037 | 105,370,992 | 106,650,378 | 107,944,838 | 109,225,581 | 101,664,008 |  | 89,711,220 |  | 101,664,008 |
| ${ }_{42}^{41}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Intangible |  | $100.00 \%$ <br> 5,161,111 | 0.00\% | $11.76 \%$ | 5,959,767 |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multicolumn{20}{|r|}{\begin{tabular}{l}
PECO Energy Company \\
Page 2 of 2 \\
Attachment 4D - Intangible Plant Workpaper
\end{tabular}} \\
\hline \& \begin{tabular}{l}
(a) \\
Net Plant in Service \\
Gross Plant Minus Accumulated Depreciation
\end{tabular} \& \[
{ }_{\text {December Prior Year }}^{(b)}
\] \& \[
\underset{\text { Janary }}{(\text { (c) }}
\] \& \[
\underset{\text { February }}{(\mathrm{d})}
\] \& \[
\begin{gathered}
\text { March } \\
\text { Marc }
\end{gathered}
\] \& \[
\underset{\text { April }}{(f)}
\] \& \[
\underset{\text { May }}{(\mathrm{g})}
\] \& \[
\substack{(h n) \\ \text { dune }}
\] \& \[
\begin{gathered}
\text { (i) } \\
\text { July }
\end{gathered}
\] \& \[
\begin{gathered}
\text { August } \\
\text { Aij }
\end{gathered}
\] \& \[
\begin{gathered}
(k) \\
\text { September }
\end{gathered}
\] \& \[
\begin{gathered}
(1) \\
\text { October }
\end{gathered}
\] \& \[
\underset{\text { November }}{(\mathrm{m})}
\] \& \[
{ }_{\text {December }}^{(\mathrm{n})}
\] \& \[
\underset{\substack{\text { Average } \\ \text { =average(bin) }}}{(0)}
\] \& \[
\underset{\text { Transmission }}{(\text { P) }}
\] \& \[
\begin{gathered}
(9) \\
\text { Distribution }
\end{gathered}
\] \& sew Allocation \& \[
\substack{\text { Total } \\=\operatorname{som}(\mathrm{s} \mathrm{r}))}
\] \\
\hline 43 \& Intangibes - General \& 9,409,518 \& \({ }^{12,495,213}\) \& 10,999,380 \& 12,686,401 \& \({ }_{\text {21,563,234 }}\) \& 25,622,389 \& 34,356,415 \& 35,54, 5 ,32 \& 40,892,509 \& 59,959,649 \&  \& 67,286,600 \& \({ }_{\text {c }}^{69,469,961}\) \& \(33,609,677\)
6,136900 \& \& \& 35,609,677 \& 35,60, \({ }^{\text {a }}\), 137 \\
\hline \({ }_{45}^{44}\) \& \({ }_{\text {IT Nerc Clip - }}\) \& 7,266,603 \& 7,078,319 \& \({ }^{6,8990.035}\) \& \({ }_{6}^{6,7017,751}\) \& \({ }^{6,513,468}\) \& \({ }_{\text {c }}^{6,325,184}\) \& \({ }_{\substack{6 \\ 6,136,900 \\ 1,24623}}\) \& \({ }_{\text {5 }}^{5,948.616}\) \& 5,760,322 \& \(5,572,048\)
1,145172
1,19 \& \(5,383,764\)
1.110 .689 \& \(5,195,480\)
\(1.076,205\) \& \(5,007,196\)
\(1.041,722\) \& \(6,136,900\)

$1,248,62$ \& 6,136,900 \& 1,248,622 \& \& | 6,136,900 |
| :--- |
| $1,248,622$ | <br>

\hline 46 \& IT DSP - Distribution \& ${ }_{2}{ }^{\text {209, }}$ (183 \& ${ }_{\text {269, }}$ \& ${ }^{269,583}$ \& ${ }_{269,583}$ \& ${ }^{2} 299,583$ \& ${ }_{269,583}$ \& ${ }_{\text {1/269, }}$ \& -269,583 \& ${ }^{1}$ 269,583 \& ${ }_{\text {1, }}^{\text {269, } 583}$ \& ${ }^{1}$ 269, 583 \& 1,269,583 \& ${ }_{2} 269,583$ \& ${ }_{\text {1,269, }}$ \& \& ${ }_{269,883}$ \& \& 1,269,583 <br>
\hline 47 \& IT BIDA GRID T\&D \& \& \& \& 340,461 \& 336,384 \& 332,307 \& 668,690 \& 660,536 \& 652,381 \& 984,687 \& 972,455 \& 960,223 \& 1,288,452 \& 553,583 \& \& \& 553,83 \& 553,583 <br>
\hline 48 \& IT BIDA - Distribution \& 14,601,436 \& 14,562,228 \& 14,524,222 \& 15,083,955 \& 15,038,885 \& 14,993,214 \& 15,545,783 \& 15,493,248 \& 15,440,714 \& 15,986,118 \& 17,378,356 \& 17,31,348 \& 18,074,766 \& 15,698,013 \& \& 15,698,013 \& \& 15,698,013 <br>
\hline 49
50 \& IT Post 200 20 and Other- Distribution
IT Smat Meter- Distribution \& 4,428,9288
$20,491,502$ \& $4,430,106$
$19,580,79$ \& $4,171,283$
$18,669,976$ \& $\xrightarrow{4,042,461} \begin{aligned} & 17,954,088\end{aligned}$ \& 3,913,639
$17,540,314$ \& $\xrightarrow{3,784,817} 1$ \& $\xrightarrow{3,655,94} 1$ \& 3,5,57,172
16,298990 \& 3,398,350
$15,885,215$ \& $3,2695,528$
$15,476,176$ \& $3,140,705$
$15,079,829$ \& $\xrightarrow{3,011,883}$ 14,991,499 \& $2.883,061$
$14,30,566$ \& $3,65,994$
$16,9090,626$ \& \& $3,65,994$
$16,910,626$ \& \& $3,655,994$
16,909626 <br>
\hline 51 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 5 \& \& \& \& - \& \& \& - \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 54 \& \& - \& - \& - \& \& - \& \& \& \& \& \& - \& \& \& \& \& \& \& <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline ${ }^{56}$ \& \& \& \& - \& \& \& : \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 58 \& \& \& - \& - \& \& - \& - \& \& \& \& \& \& - \& \& \& \& \& \& <br>
\hline 59
60 \& \& \& - \& - \& \& - \& - \& - \& - \& \& \& - \& - \& \& \& \& \& \& <br>
\hline \& Toal \& 57,92, \& 59,707,426 \& 56,9 \& 58,430,73 \& 66,4 \& 69,757,138 \& 78,54,751 \& 78,96, 986 \& 83,4 \& 102,662,961 \& 105,945,609 \& 109,842,762 \& 112,365,308 \& 80,082,998 \& \& \& \& 80,082,998 <br>
\hline 62

63 \& \& \& \& \& \& \& \& \& \& \& \& \& \& Total Intangible \&  \& $100.00 \%$ \& 0.00\% \& $$
\begin{gathered}
11.76 \% \% \\
4.252850
\end{gathered}
$$ \& <br>

\hline \& (a) \& (b) \& (c) \& ${ }^{\text {(d) }}$ \& ${ }^{\text {cem }}$ (e) \& ${ }^{(f)}$ \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& Depreciation Expense \& \& Transmission \& \& S\&w Allocation \& =sum(c:e) ${ }_{\text {Iole }}$ \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 64 \& Intangibes - General \& ${ }^{2,176,074}$ \& \& \& 2,176,074 \& ${ }_{2}^{2,176,074}$ \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 65 \& IT NERC CIP - Tranmmision \& 2,186,900 \& 2,186,900 \& \& \& 2,186,900 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 66 \& IT NERC CIP - Distribution \& 338,681 \& \& 338,681 \& \& 338,681 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 67
68 \& IT DSP- Distribution
IT BIDA - Distribution \& 210062 \& \& , \& \& 21062 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 69 \& IT Post 2010 and Ofther- Distribution \& 4,226,671 \& \& 4,226,671 \& \& 4,226,671 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 70 \& IT Smart Meter - Distribution \& 10,737,875 \& \& 10,737,875 \& \& 10,737,875 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 71
72 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline ${ }^{73}$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 74
75 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 76 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 78 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 79 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline ${ }_{80}^{80}$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline ${ }^{82}$ \& Total \& 19,876,263 \& \& 15,513,289 \& \& 9,876,263 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 83
84 \& \& Intangible - Transmission $^{\text {Aloaion Fator }}$ \& ${ }_{\text {2,186,000 }}$ \& 0.00\% \&  \& 2,442,807 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline
\end{tabular}

PECO Energy Company
Page 1 of 2
Attachment 4E - Cost to Achieve Mergers


PECO Energy Company


Transmission O
Expenses

$$
\begin{aligned}
& \text { Ecount No. } 566 \text { (Misc. } \\
& \text { Trans. Expense) }
\end{aligned}
$$

Account No. $565 \quad$| Accounts 561.4 and |
| :---: |
| 561.8 |

Form No. 1(a)
(b)
321.96.b

| Accounts 561.4 and |
| :---: |
| 561.8 |

(d)
321.88.b \& $92 . b$

| Depreciation Expense - <br> General | Amortization of <br> Abandoned Plant | Payroll Taxes |
| :---: | :---: | :---: |
|  |  |  |
| (a) | (b) | (c) |
| 17 | 19 | 23 |
| $336.10 . \mathrm{b}, \mathrm{d} \&$ e | (Note S) | 263.3.i, 263.5.i \& 263.18.i |

Gross Receipts Taxes

263.35.i \& 263.16.i 263.14.i, \& 263.12.i $\quad 263.33 . i$

11,792,061 \$
10,739,456 \$ 125,049,113 $\qquad$ 484,130 \$ $\qquad$ 3,262 \$ $\qquad$ 5,343 \$ 2,194,023 356,305

|  |  |  |  |  |  |  | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 |  |  | Long Term Interest (117, sum of 62.cthrough 67.c) |  |  |  | 126,237,140 |  |
| 4 |  |  | Preferred Dividends (118.29c) (positive number) |  |  |  | - |  |
| 5 |  |  | Proprietary Capital (112.16.c) |  |  |  | 3,514,768,606 |  |
| 6 |  |  | Less Preferred Stock (112.3.c) |  |  |  | - |  |
| 7 |  |  | Less Account 216.1 (112.12.c) (enter negative) (Note D) |  |  |  | - |  |
| 8 |  |  | Less Account 219.1 (112.15.c) (enter negative) |  |  |  | $(1,192,696)$ |  |
| 9 |  |  | Common Stock (sum lines 41-43) |  |  |  | 3,513,575,910 |  |
|  |  |  |  |  |  | Cost |  |  |
|  |  |  |  | \$ | \% |  |  | Weighted |
| 10 | Long Term Debt | Note A |  | 2,884,418,609 | 45.08\% | 4.38\% |  | $1.97 \%=$ WCLTD |
| 11 | Preferred Stock (112.3.c) | Note B |  |  | - | - |  | 0.00\% |
| 12 | Common Stock | Note C |  | 3,513,575,910 | 54.92\% | 11.00\% |  | 6.04\% |
| 13 | Total | (Sum of Lines 48-50) |  | 6,397,994,519 |  |  |  | $8.01 \%=\mathrm{R}$ |

Note: $\quad$ Long Term Debt balance will reflect the 13 month average of the balances, of which the 1 st and 13 th are found on page 112 lines $18 . \mathrm{c} \& \mathrm{~d}$ to $21 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1, the cost is calculated by dividing line 3 by the Long Term Debt balance in line 10 .
A Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13 th are found on page 112 line $3 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1
C Common Stock balance will reflect the 13 month average of the balances, of which the 1 st and 13 th are found on page 112 lines $3 . \mathrm{c} \& \mathrm{~d}, 12 \mathrm{c} \& \mathrm{~d}$, and $16 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1 as shown on lines $10-12$ above ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
D The Account 216.1 balance is input only if positive number in the FERC Form No. 1 (112.12.c).
Account 454- Rent from Electric Property
Rent from Electric Property - Transmission Rent from Electric Property- Transmission Related, Subject to Sharing (Note 3)
Ren from Electric Property - Transmission Related, Pass to Customers (Note 3)
Total Rent RevenuesAccount 456 \& 456.1-Other Flectric Revenues (Note 1$)$$4 \quad \begin{aligned} & 4 \text { Schedule } 1 \mathrm{~A} \\ & \\ & \text { Firm Point }\end{aligned}$Firm Point to Point Service revenues for which the load is not included in the divisor received by
Sum Lines 1 to 3)$7,167,281$
$73,2,44$
$7,89,525$
保Revenues associated with transmis
Intercompmany Professsiona Service
PIM Transitional Revenuu Neutrality (Note
PJM Transitional Market Expansion (Note 1)
PMM Transitional Market Exp
Professional Services (Note 3)
Professional Services (Note 3)
Revenues from Directly Assigned Transmission Facility Charges (Note 2)
Rentor
$\begin{array}{ll}13 & \text { Gross Revenue Credits } \\ 4 & \text { Less line } 17 \mathrm{~g}\end{array}$
$\begin{array}{lll}4 & \text { Less } \operatorname{line~} 17 \mathrm{~g} \\ 5 & \text { Total Revenue Credits }\end{array}$

## Revenue Adjustment to determine Revenue Credit

received as a LSE), for which the cost of the service is recovererd under this formular except as received as a LSE), for which the cost of the service is secoverede under this formula, except as
specifically provided for elsewhere in this Atachment or esewhere in the formula will be included
as revenene credit or included in the peak on line 173 of Appendix $A$.
16b Note 2: If the costs associated with the Directly Assigned Transmission Faciility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with
the Directy stisend Tansmission Facility Charges are not included in the Rates, the associated
revenues are not included in the Rates.
${ }^{160}$
Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on tuansmission facilities for telecommunications; (2) transmission tower Iicenses for wireless antennas; ; (3) right-o-way property leases for farming,
grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training,
transformer oil testing and circui breaker testing to other utilities and large customers transformer or tesing, and circuirib beaker testing to other utilites and large customers
(collectively, products). Company will tetain 50\% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC II 61,314 . Note: in order to use lines 17 a - 17 g , the utility must tralk in separate subacco ms
use except for the cost of the associtited income taxess). The costs associated with the secondary transmission use is $3 / 4$ of the total department costs.
7a Revenues included in lines $1-11$ which are subject to $50 / 50$ sharing
7b Costs associated with revenues in line 17 a
$\begin{array}{ll}\text { ic } & \text { Net Revenues }(17 \mathrm{a}-17 \mathrm{~b}) \\ 7 \mathrm{ld} \\ 50 \% \\ \text { Share of Net Revenues }\end{array}$
the formula times the allococtor it used to functionalize the amounts in the FERC account to the
7f transmission service at issue.
17 g Nel Revenue Credit (1)
18
18
shown here but not included in the with the revenues are not included in the formula, the revenue is sevenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not
ret included in the total above to the extent they are creditite under Schedule 12 .
19 Reserved
$\begin{array}{ll}20 & \text { Total Account 454, } 456 \text { and } 456.1 \\ 21 & \text { Reserved }\end{array}$

## Atachment 5 A-Revenue Credit Workpaper

Page 2 of 2
Costs associated with revenues in line 17a


Note A: Number of employees managing secondary transmission service contracts divided by number of employees managing transmission and distribution secondary service contract

## PECO Energy Company

## Attachment 5B-A\&G Workpaper

| 1 | Administrative and General Salaries |
| :---: | :--- |
| 2 | Office Supplies and Expenses |
| 3 | Administrative Expenses Transferred-Credit |
| 4 | Outside Service Employed |
| 5 | Property Insurance |
| 6 | Injuries and Damages |
| 7 | Employee Pensions and Benefits |
| 8 | Franchise Requirements |
| 9 | Regulatory Commission Expenses (Note E) |
| 10 | Duplicate Charges-Credit |
| 11 | General Advertising Expenses |
| 12 | Miscellaneous General Expenses |
| 13 | Rents |
| 14 | Maintenance of General Plant |
| 15 | Administrative \& General - Total |
| 16 |  |
| 17 |  |


$\left.\begin{array}{l|} \\ \text { Month (Note A) } \\ \text { FERC } \\ \text { Manthly }\end{array}\right]$

Note A:

1) The FERC Quarterly Interest Rate in column [A] is the interest applicable to the Month indicated.

|  | Project Name | B | C | D | E | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | RTO Project Number or Zonal | Amount | 17 Months | Monthly Interest Rat | Interest |
|  |  |  | Attachment 3, Col. G + Col H |  | Line 18 above | Col. Cx Cold <br> Col E |
| 21 | Zonal | Zonal | 240,725 | 17 | 0.0033 | 13,649 |
| $21 a$ | Center Point $500-230 \mathrm{kV}$ Substation Addition | b0269 | $(142,886)$ | 17 | 0.0033 | (8,102) |
| 21 b | Center Point 500-230 kV Substation Addition | b0269 | 167,338 | 17 | 0.0033 | 9,488 |
| 21 c | Richmond-Waneeta 230 kV Line Re-conductor | $\mathrm{b}_{1591}$ | (155,414) | 17 | 0.0033 | (8,812) |
| 21d | Richmond-Waneeta 230 kV Line Re-conductor | b1398.8 | 22,799 | 17 | 0.0033 | 1,293 |
| 21 e | Whitpain 500 kV Circuit Breaker Addition | b0269.6 | 1,392 | 17 | 0.0033 | 79 |
| 219 | Elroy-Hosensack 500 kV Line Rating Increase | b0171.1 | 895 | 17 | 0.0033 | 51 |
| 21 g | Camden-Richmond 230 kV Line Rating Increase | b1590.1 and b1590.2 (cancelled | 145,130 | 17 | 0.0033 | 8,229 |
| 21 h | Chichester-Linwood 230 kV Line Upgrades | b1900 | 265,794 | 17 | 0.0033 | 15,071 |
| $21 i$ | Bryn Mawr-Plymouth 138 kV Line Rebuild | b0727 | 4,125 | 17 | 0.0033 | 234 |
| 21 j | Emilie $230-138 \mathrm{kV}$ Transformer Addition | b2140 | 9,753 | 17 | 0.0033 | 553 |
| 21 k | Chichester-Saville 138 kV Line Re-conductor | b1182 | 4,014 | 17 | 0.0033 | 228 |
| 211 | Waneeta $230-138 \mathrm{kV}$ Transformer Addition | b1717 | 4,751 | 17 | 0.0033 | 269 |
| 21 m | Chichester $230-138 \mathrm{kV}$ Transformer Addition | b1178 | 2,988 | 17 | 0.0033 | 169 |
| 21 n | Bradford-Planebrook 230 kV Line Upgrades | b0790 | 410 | 17 | 0.0033 | 23 |
| 210 | North Wales-Hartman 230 kV Line Re-conductor | b0506 | (71) | 17 | 0.0033 | (4) |
| 21 p | North Wales-Whitpain 230 kV Line Re-conductor | b0505 | 543 | 17 | 0.0033 | 31 |
| 219 | Bradford-Planebrook 230 kV Line Upgrades | b0789 | 553 | 17 | 0.0033 | 31 |
| 21 r | Planerrook 230 kV Capacitor Bank Addition | b0206 | 1,455 | 17 | 0.0033 | 82 |
| 21 s | Newlinville 230 kV Capacitor Bank Addition | b0207 | 1,959 | 17 | 0.0033 | 111 |
| 21 t | Chichester-Mickleton 230 kV Series Reactor Addition | b0209 | 1,110 | 17 | 0.0033 | 63 |
| 214 | Chichester-Mickleton 230 kV Line Re-conductor | B0264 | 437 | 17 | 0.0033 | 25 |
| 21 v | Buckingham-Pleasant Valley 230 kV Line Re-conductor | b0357 | $(2,080)$ | 17 | 0.0033 | (118) |
| 21w | Elroy 500 kV Dynamic Reactive Device | b0287 | 74,246 | 17 | ${ }^{0.0033}$ | 4,210 |
| 21 x | Heaton 230 kV Capacitor Bank Addition | b0208 | 55,168 | 17 | ${ }^{0.0033}$ | 3,128 |
|  |  |  |  | 17 | ${ }^{0.0033}$ |  |
|  |  |  | - | 17 | ${ }^{0.0033}$ | - |
|  |  |  | , | 17 | 0.0033 |  |
|  |  |  |  | 17 | 0.0033 |  |



| (A) | (B) | (C) | (D) | (E) | (F) | (G)Gross DepreciablePlant$\$$ | (H) <br> Accumulated Depreciation \$ | (I)Net DepreciablePlant$\$$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Estimated Life | Mortality | Weighted Average | Applied |  |  |  |  |
| Number |  | Note 1 | Note 1 | Note 2 | (F) $=(\mathrm{J}) /(1)$ | Note 4 | Note 4 | (I)=(G)-(H) | Note 6 |
|  |  |  |  |  |  |  | of 12/31/2017 |  | FY 2017 |
| Electric Transmission |  |  |  |  |  |  |  |  |  |
| 352 | Structures and Improvements | 50 | R2.5 | 36.74 | 2.48\% | 72,934,896 | 20,227,180 | 52,707,716 | 1,308,506 |
| 353 | Station Equipment | 57 | R2.5 | 42.46 | 2.22\% | 816,231,943 | 194,632,452 | 621,599,491 | 13,793,899 |
| 354 | Towers and Fixtures | 65 | R4 | 31.91 | 3.17\% | 266,736,648 | 155,676,350 | 111,060,298 | 3,519,391 |
| 355 | Poles and Fixtures | 65 | R4 | 54.82 | 1.85\% | 16,532,820 | 2,840,646 | 13,692,174 | 253,763 |
| 356 | Overhead Conductors and Devices | 60 | R4 | 35.48 | 2.70\% | 193,124,986 | 81,056,580 | 112,068,406 | 3,031,359 |
| 357 | Underground Conduit | 65 | R4 | 46.30 | 2.18\% | 14,955,807 | 4,760,414 | 10,195,393 | 221,846 |
| 358 | Underground Conductors and Devices | 60 | R3 | 36.40 | 2.62\% | 104,555,952 | 42,510,961 | 62,044,991 | 1,624,817 |
| 359 | Roads and Trails | 50 | R4 | 11.32 | 9.27\% | 2,136,664 | 2,048,416 | 88,249 | 8,182 |
|  |  |  |  |  |  | 1,487,209,717 | 503,753,000 | 983,456,717 | 23,761,763 |
| Electric General |  |  |  |  |  |  |  |  |  |
| 390 | Structures and Improvements | 40 | R1 | 27.43 | 3.62\% | 49,660,750 | 11,502,855 | 38,157,896 | 1,380,996 |
| 391.1 | Office Furniture and Equipment - Office Machines | 10 | sQ | 3.26 | 36.45\% | 142,278 | 100,605 | 41,673 | 15,188 |
| 391.2 | Office Furniture and Equipment - Furnitures and Fixtures | 15 | sQ | 8.38 | 12.74\% | 802,172 | 370,071 | 432,102 | 55,065 |
| 391.3 | Office Furniture and Equipment - Computers | 5 | sQ | 2.89 | 25.77\% | 12,019,818 | 3,384,020 | 8,635,798 | 2,225,611 |
| 391.4 | Office Furniture and Equipment - Smart Meter Comp. Equip. | 5 | sQ | 2.89 | 42.02\% | 2,915,109 | 1,647,787 | 1,267,322 | 532,466 |
| 393 | Stores Equipment | 15 | sQ | 11.32 | 9.27\% | 46,470 | 2,948 | 43,522 | 4,035 |
| 394 | Tools, Shop, Garage Equipment | 15 | sQ | 9.99 | 9.74\% | 32,073,779 | 8,989,047 | 23,084,732 | 2,248,356 |
| 395.1 | Laboratory Equipment - Testing | 20 | sQ | 8.58 | 12.43\% | 318,333 | 208,141 | 110,192 | 13,700 |
| 395.2 | Laboratory Equipment - Meters | 15 | sQ | 5.50 | 20.11\% | 101,382 | 68,700 | 32,682 | 6,571 |
| 397 | Communication Equipment | 20 | L3 | 15.53 | 6.59\% | 115,938,777 | 26,582,587 | 89,356,190 | 5,885,549 |
| 397.1 | Communication Equipment - Smart Meters | 15 | S2 | 10.16 | 8.63\% | 38,760,270 | 9,958,599 | 28,801,671 | 2,485,786 |
| 398 | Miscellaneous Equipment | 15 | sQ | 1.74 | 80.30\% | 865,598 | 726,118 | 139,481 | 112,007 |
|  |  |  |  |  |  | 253,644,737 | 63,541,478 | 190,103,259 | 14,965,330 |
| Electric Intangible |  |  |  |  |  |  |  |  |  |
| 303 | Software | N/A | N/A | N/A | Note 10 | 134,622,757 | 89,292,867 | 45,329,891 | 19,876,263 |
| 303 | Regulatory Initiatives/Depr Charged to Reg Asset | N/A | N/A | N/A | 0.00\% | 16,961,663 | 4,531,396 | 12,430,267 | Zero |
|  |  |  |  |  |  | 151,584,420 | 93,824,262 | 57,760,158 | 19,876,263 |

## PECO Energy Company

## Common General

Regulatory Initiatives/Depr Charged to Reg Asse Structures and Improvements
Office Furniture and Equipment - Office Machines
Office Furniture and Equipment - Furnitures and Fixtures
Office Furniture and Equipment - Computers
Transportation Equipment - Automobiles
Transportation Equipment - Light Trucks
Transportation Equipment - Heavy Truck
Transportation Equipment - Tractors
Transportation Equipment - Trailers
Transportation Equipment - Other Vehicle
Transportation Equipment-Medium Truck Stores Equipmen
Tools, Shop, Garage Equipment - Construction Tool
Tools, Shop, Garage Equipment - Common Tools
Tools, Shop, Garage Equipment - Garage Equipmen
Power Operated Equipment
Communication Equipment
Miscellaneous Equipment

| N/A | N/A |
| :---: | :---: |
| N/A | N/A |
| 50 | R1 |
| 10 | SQ |
| 15 | SQ |
| 5 | SQ |
| 6 | L3 |
| 12 | La |
| 14 | R |
| 11 | L |
| 15 | R2 |
| 15 | R2 |
| N/A | Na |
| 15 | SQ |
| 15 | SQ |
| 15 | SQ |
| 20 |  |
| 11 | L2 |
| 20 | L3 |
| 15 |  |

Note 10
$0.00 \%$
$2.66 \%$
$40.99 \%$
$7.17 \%$
$31.70 \%$
$58.23 \%$
$12.34 \%$
$10.66 \%$
$29.63 \%$
$10.54 \%$
$13.66 \%$
$2.41 \%$
$8.30 \%$
$20.11 \%$
$10.29 \%$
$11.01 \%$
$37.61 \%$
$10.51 \%$
$13.78 \%$

| $226,115,529$ | $180,054,329$ | $46,061,199$ | $16,412,986$ |
| ---: | ---: | ---: | ---: |
| 190,679 | 115,996 | 74,683 | Zero |
| $271,950,717$ | $75,887,587$ | $196,063,130$ | $5,216,014$ |
| 124,606 | 69,712 | 54,895 | 22,502 |
| $15,436,121$ | $4,846,265$ | $10,589,856$ | 759,480 |
| $28,566,526$ | $10,280,665$ | $18,285,861$ | $5,796,202$ |
| 93,641 | 92,683 | 958 | 558 |
| $31,551,732$ | $14,085,642$ | $17,466,089$ | $2,155,912$ |
| $75,251,945$ | $30,514,201$ | $44,737,744$ | $4,766,952$ |
| 279,351 | 282,605 | $(3,255)$ | 964 |
| $4,549,639$ | $2,154,027$ | $2,395,612$ | 252,548 |
| $5,071,551$ | $3,639,343$ | $1,432,208$ | 195,694 |
| $4,348,813$ | 102,501 | $4,246,312$ | 102,501 |
| $1,253,293$ | 207,643 | $1,045,650$ | 86,741 |
| 11,617 | $142,829)$ | 54,446 | 10,947 |
| 78,687 | 27,422 | 51,265 | 5,276 |
| $2,499,657$ | $1,383,777$ | $1,115,879$ | 122,858 |
| 185,066 | 179,897 | 5,170 | 1,944 |
| $32,006,547$ | $15,508,096$ | $16,498,451$ | $1,733,522$ |
| $1,679,306$ | 848,595 | 830,710 | 114,463 |
| $\mathbf{7 0 1 , 2 4 5 , 0 2 3}$ | $\mathbf{3 4 0 , 2 3 8 , 1 6 0}$ | $\mathbf{3 6 1 , 0 0 6 , 8 6 3}$ | $\mathbf{3 7 , 7 5 8 , 0 6 4}$ |

1 Columns (A), (B), (C) and (D) are fixed and cannot be changed absent Commission approval or acceptance. The depreciation expense is calculated separately for each row.
2 Column ( E ) is the remaining life of the assets in the account for each vintage (amount of plant added in each year is a vintage) weighted by the gross plant balance of each account or subaccount. The remaining life for each vintage is equal to the area under the Mortality Curve specified in Columns (C) and (D) using a half year convention for the first year placed in service. The weighted remaining life is calculated once a year at the beginning of the year.
Column ( $F$ ) is equal to Column (J) / Column (I).
4 Column (G) is the depreciable amount of gross plant investment reported in the annual FERC Form No. 1 filing on pages 207 (Electric) and 356 (Common) by account or subaccount. Column (H) is the accumulated depreciation by account or subaccount 5 Column (I) is the end of year depreciable net plant in the account or subaccount.
6 Column (J) is equal to depreciation expense as reported in the annual FERC Form No. 1 filing on page 336 (Electric). Annual depreciation expense is determined by multiplying the beginning of the month net plant balance plus additions (using a half month convention for the first month placed in service) by the remaining life rate divided by 12 for each month.
 years.
years.
9 The depreciation expense associated with Asset Retirement Obligations (booked to accounts 359.1 and 399.1 ) are not included in the tables above.
10 The amortization rates for Account 303 are weighted based on the relative amount of underlying plant booked to the accounts. The life of each software or other intangible plant will be estimated at the time the plant is placed into service, and will not change over the life of the plant absent Commission approval or acceptance. The combined amortization expense for all intangible plant shall be the sum of each individual plant balance amortized over the life of each individual plant established in this manner.
11 The depreciation expenses related to Common General reflect both gas and electric common plant. The depreciation expenses associated with Transportation Equipment, Garage Equipment and Power Operated Tools are excluded from Account 403 and directly assigned to the functional $0 \& M$ and capital accounts based on use

Appendix 2
2017 True Up Adjustment Calculation

Attachment H-7
Formula Rate - Non-Levelized

Rate Formula Template Utilizing FERC Form 1 Data PECO Energy Company
(2)
(page 3, line 48)

Attachment 5A, line 15
(line 1 minus line 2)
Attachment 1, line 18, col. 14-Attachment 1, line 17a, col. 14
Attachment 1 , line 18 , col. 14 - Attachment 1 , line 17a, col. 14
Attachment 1, line 18 , col. 15 - Attachment 1 , line 17a, col. 15 Attachment 1 , line 18, col. 16 - Attachment 1 , line 17a, col. 16

Attachment 1, line 17a, col. 14 less line 2
Attachment 1, line 17a, col. 15
Attachment 1, line 17a, col. 16
Attachment 1, line 18, col. 13
1 CP from PJM in MW $\quad 8,141$
(line 9/11)

For the 12 months ended 12/31/201


## Rate Formula Template <br> Utilizing FERC Form 1 Dat PECO Energy Company <br> PECO Energy Company

| Company Total | Allocator ${ }^{(4)}$ |  | (5) <br> Transmission (Col 3 times Col 4 ) |
| :---: | :---: | :---: | :---: |
| - | NA |  | - |
| 1,492,071,225 | TP | 100.00\% | 1,492,071,225 |
| 5,872,659,200 | NA | 0.00\% | - |
| 245,363,994 | w/s | 11.76\% | 28,854,869 |
| 142,753,935 | DA |  | 12,750,224 |
| 534,109,241 | W/S | 11.76\% | 62,811,385 |
| $(2,457,769)$ | w/s | 11.76\% | $(289,034)$ |
| 8,284,499,826 | GP= | 19.27\% | 1,596,198,668 |
| - | NA |  | - |
| 485,852,299 | TP | 100.00\% | 485,852,299 |
| 1,634,379,028 | NA | 0.00\% | - |
| 58,619,091 | W/S | 11.76\% | 6,893,620 |
| 84,626,667 | DA |  | 3,431,398 |
| 256,725,873 | W/S | 11.76\% | 30,191,029 |
| $(1,718,047)$ | w/s | 11.76\% | $(202,043)$ |
| 2,518,484,911 |  |  | 526,166,304 |
| - |  |  | - |
| 1,006,218,926 |  |  | 1,006,218,926 |
| 4,238,280,172 |  |  | - |
| 186,744,903 |  |  | 21,961,249 |
| 58,127,268 |  |  | 9,318,826 |
| 277,383,368 |  |  | 32,620,356 |
| (739,722) |  |  | $(86,991)$ |
| 5,766,014,916 | $\mathrm{NP}=$ | 18.56\% | 1,070,032,365 |
| Zero | NA | zero | - |
| (260,301,938) | TP | 100.00\% | $(260,301,938)$ |
| $(7,987,143)$ | TP | 100.00\% | $(7,987,143)$ |
| 12,181,867 | TP | 100.00\% | 12,181,867 |
| - | TP | 100.00\% | - |
| (6,493,905) | DA | 100.00\% | (6,493,905) |
| - | DA | 100.00\% | - |
| 32,679,469 | DA | 100.00\% | 32,679,469 |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| - | DA | 100.00\% | - |
| (229,921,649) |  |  | (229,921,649) |
| 1,137,057 | TP | 100.00\% | 1,137,057 |
| 29,776,494 |  |  | 8,719,745 |
| 12,972,612 | TP | 100.00\% | 12,972,612 |
| 1,425,117 | DA | 100.00\% | 1,425,117 |
| 44,174,223 |  |  | 23,117,475 |
| 5,581,404,547 |  |  | 864,365,247 |

Formula Rate - Non-Levelized

|  | (1) |
| :---: | :---: |
| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ |  |
| O\&M |  |
| 1 | Transmission |
| 2 | Less Account 566 (Misc Trans Expense) |
| 3 | Less Account 565 |
| 4 | Less Accounts 561.4 and 561.8 |
| 5 | A\&G |
| 6 | Account 566 |
| 7 | Amortization of Regulatory Asset |
| 8 | Miscellaneous Transmission Expense (less amortization of regulatory asset) |
| 9 | Total Account 566 |
| 10 | PBOP Adjustment |
| 11 | O\&M Cost to Achieve Included in O\&M Above |
| 12 | TOTAL O\&M |
| 13 | DEPRECIATION EXPENSE (Note U) |
| 14 | Transmission |
| 15 | General |
| 16 | Intangible |
| 17 | Common - Electric |
| 18 | Common Depreciation Expense Related to Costs To Achieve |
| 19 | Amortization of Abandoned Plant |
| 20 | total depreciation |
| 21 | TAXES OTHER THAN INCOME TAXES |
| 22 | LABOR RELATED |
| 23 | Payroll |
| 24 | Other Payroll Related |
| 25 | PLANT RELATED |
| 26 | Property |
| 27 | Gross Receipts |
| 28 | Other |
| 29 | Misc. |
| 30 | TOTAL OTHER TAXES |
| 31 | INTEREST ON NETWORK CREDITS |
| 32 | Income taxes |
| 33 | $\mathrm{T}=1-\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT})] /(1-\mathrm{SIT}$ * FIT * p $)$ \} |
| 34 | $\mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$ |
| 35 | FIT \& SIT \& P |
| 36 |  |
| 37 | 1/(1-T) $=(\mathrm{T}$ from line 33) |
| 38 | Amortized Investment Tax Credit |
| 39 | Excess Deferred Income Taxes |
| 40 | Tax Effect of Permanent Differences |
| 41 | Income Tax Calculation |
| 42 | ITC adjustment |
| 43 | Excess Deferred Income Tax Adjustment |
| 44 | Permanent Differences Tax Adjustment |
| 45 | Total Income Taxes |
| 46 | RETURN |
| 47 | Rate Base times Return |
| 48 | REV. REQUIREMENT |

Rate Formula Template PECO Energy Company
page 3 of 5
For the 12 months ended $12 / 31 / 2017$
$\left.\begin{array}{cccc}\text { (3) } & & \text { (4) } & \\ \text { Company Total } & & & \begin{array}{c}\text { (5) } \\ \text { Transmission }\end{array} \\ \text { (Col 3 times Col 4) }\end{array}\right)$

Rate Formula Template
Utilizing FERC Form 1 Data
PECO Energy Company

## SUPPORTING CALCULATIONS AND NOTES



Rate Formula Template
Utilizing FERC Form 1 Data
PECO Energy Company

General Note: References to pages in this formulary rate are indicated as: (page\#, line\#, col.\#) References to data from FERC Form 1 are indicated as: \#.y.x (page, line, column)

## Note

$\mathrm{A}_{\text {Letter }}{ }_{\text {Reserved }}$
 income. Account 281 is not allocated.
C $\quad$ Reserved
 Form 1.
 ISO filings, or transmission siting itemized at 351.h.


 266.8.f) multiplied by ( $1 / 1-\mathrm{T}$ ) (page 3 , line 36 ). Excess Deferred Income Taxes reduce income tax expense by the amount of the expense multiplied by (T/1-T).
$\begin{array}{ll}\text { Inputs Required: } & \text { FIT }= \\ & \text { SIT }=\end{array}$
SIT=
$p=$
35.00\%
9.99\% (State Income Tax Rate or Composite SIT)
$0.00 \%$ (percent of federal income tax deductible for state purposes)

H Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test),
 no through-flow when the generator is shut down.
Reserved
supported in the original filing and no change in ROE may be made absent a filing with FERC.
Reserved
Reserved
Reserved
Reserved
Reserved
Reserved
Calculate using 13 month average balance, except ADIT
Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Utility must receive FERC authorization before recovering the cost of abandoned plant. Recovery of Regulatory Asset is permitted only as authorized by the Commission. Recovery of any regulatory assets requires authorization from the Commission. Excludes Asset Retirement Obligation balances
Company shall be allowed recovery of costs related to interest rate locks. Absent a Section 205 filing, Company shall not include in the Formula Rate, the gains, losses, or costs related to other hedges.
The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H that are not the result of a timing difference Calculated on Attachment 4A.

Instructions to Accounts 228.1 through 228.4
no amounts shall be credited to accounts 228.1 through 228.4 unless authorized by a regulatory authority or authorities to be collected in a utility's rates.

To be compleded in conijuct win Atachment H .

| $\underset{\substack{\text { Line } \\ \text { No. }}}{ }$ |  |
| :---: | :---: |
| 1 | Gross Trasmisision Plant- -otal |
| 2 | Net Tranmmision Plant-Toal |
|  | O\&M EXPENSE |
| ${ }^{3}$ | Total O\&M Allocated do Trasmisision |
| 4 | Anmual Allocation Factor for O\&M |
|  | General intangible and common (Gec) depreciation expense |
| 5 | Total G, I\& C Depreceiation Expense |
| 6 | Annual Allocation Facoor for G , 1 C C Depreceiaion Expense |
|  | taxes other than income taxes |
| 7 | Total Ofter Taxes |
| 8 | Ammal Allocation Factor for Other Taxes |
| 9 | Less Reverue Credits |
| 10 | Annual Allocation Factor Revenue Credis |
| 11 | Annual Allocation Factor for Expense |
|  | incometaxes |
| 12 | Toal Income Taxes |
| 13 | Annual Allocation Facoof for Income Taxes |
|  | Return |
| ${ }_{15}^{14}$ |  |
| 16 | Annual Alocation Factor for Return |


| Attachment H-7 <br> Page, Line, Col |  |  |
| :---: | :---: | :---: |
|  |  |  |
|  | Transmision | Allocator |
| Attach H-7, p 2, line 2 col 5 (Note A) <br> Attach H-7, p 2, line 20 col 5 plus line $34 \& 37$ col 5 (Note B) | $1,492,071,225$ $1,006,218,926$ |  |
| Atach $\mathrm{H}, 7, \mathrm{p}$, , line 12 col 5 | ${ }^{69,757,958.1}$ | .05 |
|  | 6,955,512.5 |  |
| (line divided by line 1 col 3 ) | 0.00 | 8.00 |
| Atach $\mathrm{H} 7,7 \mathrm{p}, \mathrm{l}$, ine 30 colol 5 | 3,54, 858.87 | 0 |
| Atach H 7 7, p 1 , line 2 col 5 | 8.882,125 |  |
| (fine9 divided by line 1 col 3 ) |  |  |
| Sum of line $4,6,8$, and 10 a ${ }^{\text {a }}$ |  |  |
| Atach H , p , P , ine 45 col 5 | 37,61,379 |  |
| (line 12 divided by line 2 col 3 ) | 0.04 | ${ }^{0.04}$ |
|  | 69,269,584 | 007 |
| Sum of fine 13 and 15 | 0.11 | 0.11 |



Gross Transmission Plant is that idenififed on page 2 line 2 of Atachment $H$


True-Up Adjustment is calculated on the Project Tue-up Schecalle for the Ratce
The Ne Rev Reqis the valuc tobe used in the rate calumation under the applicable Schectule under rte PJM OATT for cach proje




over the remiaing montsh of the Ratat Year.

2100 Basis Point Incentive Return

## Attachment 2 <br> Incentive ROE <br> PECO Energy Company

3 Long Term Debt (Attachment H-7, Notes Q and R)

5 Common Stock
(Attachment H-7, Notes K, Q and R)
6 Total (sum lines 3-5)
7100 Basis Point Incentive Return multiplied by Rate Base (line $1 *$ line 6 )


74,016,403.79
8 INCOME TAXES
$9 \mathrm{~T}=1-\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT})] /(1-\mathrm{SIT} * \mathrm{FIT} * \mathrm{p})\}=$
$10 \mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$
$11 \quad$ WCLTD $=$ Line 3
12 and FIT, SIT \& $p$ are as given in footnote $K$.
$13 \quad 1 /(1-\mathrm{T})=($ from line 9 )
14 Amortized Investment Tax Credit (266.8f) (enter negative)
15 Excess Deferred Income Taxes (enter negative)
16 Tax Effect of Permanent Differences (Note B)
17 Income Tax Calculation $=$ line $10 *$ line 22
18 ITC adjustment (line 13 * line 14)
19 Excess Deferred Income Tax Adjustment (line 13 * line 15)
20 Permanent Differences Tax Adjustment (line 13 * 16)
21 Total Income Taxes (sum lines 17-20)
(Sum lines 7 \& 21)
22 Return and Income Taxes with 100 basis point increase in ROE
23 Return (Attach. H-7, page 3 line 47 col 5 )
24 Income Tax (Attach. H-7, page 3 line 45 col 5)
25 Return and Income Taxes without 100 basis point increase in ROE (Sum lines 23 \& 24)
26 Incremental Return and Income Taxes for 100 basis point increase in ROE (Line 22 -line 25)
27 Rate Base (line 1)
28 Incremental Return and Income Taxes for 100 basis point increase in ROE divided by Rate Base

## Notes:

A Line 5 includes a 100 basis point increase in ROE that is used only to determine the increase in return and income taxes associated with a 100 basis point increase in ROE. Any actual ROE incentive must be approved by the Commission.
For example, if the Commission were to grant a 137 basis point ROE incentive, the increase in return and taxes for a 100 basis point increase in ROE would be multiplied by 1.37 on Attachment 1 column 12
B The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment $\mathrm{H}-7$ that are not the result of a timing difference


Notes:

1) From Attachment 1 , line 15 , col. 14 for the projection for the Rate Year.
2) From Attachment 1 , line 15 , col. 14 for that project based on the
3) The "Reverue Received" on line 2 , Col. (E), is the total amount of revenue distributed to company in the year as shown on pages $328-330$ of the Form No 1. The Revenue Received is input on line 2 , Col. E excludes any True-Up revernues.
Column E , lines 3 are the dollar amounts of Revenue Received reflecting the $\%$ in Column D. This assigns to ach project a percentage of the revenue received based on the percentage of the Projected Net Revenue Requirement in Column C .

Column D, lines 3 are sourced from the projected revenue requirement for the year at issue.
Interest from Attacment 6 .
5) Interest from Attachment 6 . Prior Period Adjustment friom line 5 is pro rata to each project, unless the error was project specita


B Prior Period Adjustment is the amount of an adjustment to correct an error in a prior period. The FERC Refund interest rate specified in CFR 35.19 (a) for the period up to the date the projected rates
that are subject to True Up here went into effect.

| $\begin{aligned} & \text { Line } \\ & \text { No } \end{aligned}$ | Month | Attachment 4 <br> Rate Base Worksheet PECO Energy Company |  |  |  |  |  |  | Page 1 of 2 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Gross Plant In Service |  |  | CWIP <br> CWIP in Rate Base | LhFFU | Working Capital |  | Accumulated Depreciation |  |  |
|  |  | Transmission | General | Common |  | Held for Future Use | Materials \& Supplies | Prepayments | Transmission | General | Common |
|  | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) |
|  | Attachment H, Page 2, Line No: | 2 | 4 | 5 | 27 | 31 | 34 | 35 | 9 | 11 | 12 |
|  |  | 207.58.g minus 207.57.g. Projected monthly balances that are the amounts expected to be included in 207.58.g for end of year and records for other months (Note I) | 207.99.g minus 207.98.g for end of year, records for other months | Electric Only, Form No 1, page 356 for end of year, records for other months | (Note C) | 214.17,d, 214.20,d and 214.22,d for end of year, records for other months | 227. 8. $\mathrm{c}+(227.16 . \mathrm{c}$ * <br> Labor Ratio) for end of year, records for other months | 111.57.c for end of year, records for other months | Projected monthly balances that are expected to be included in 219.25.c for end of year and records for other months (Note I) | 219.28.c for end <br> of year, records for other months | Electric Only, Form No 1, page 356 for end of year, records for other months |
| 1 | December Prior Year | 1,454,810,923 | 235,764,213 | 526,823,779 |  | 1,127,275 | 12,954,107 | 1,590,663 | 480,585,852 | 54,398,462 | 249,457,293 |
| 2 | January | 1,455,430,125 | 242,085,871 | 530,029,408 |  | 1,127,275 | 13,198,270 | 1,474,925 | 480,919,875 | 55,543,528 | 251,960,466 |
| 3 | February | 1,457,285,279 | 244,830,106 | 531,557,657 |  | 1,127,275 | 13,153,882 | 1,167,915 | 481,663,042 | 56,754,099 | 254,461,140 |
| 4 | March | 1,459,094,086 | 241,086,093 | 530,403,643 |  | 1,127,275 | 13,070,208 | 1,489,936 | 483,071,231 | 58,055,176 | 253,467,690 |
| 5 | April | 1,460,472,187 | 241,741,651 | 531,880,381 |  | 1,141,405 | 13,254,835 | 1,274,659 | 483,460,953 | 59,238,002 | 255,903,048 |
| 6 | May | 1,484,134,150 | 242,810,787 | 532,280,302 |  | 1,141,405 | 12,822,381 | 1,381,460 | 485,036,583 | 60,434,890 | 258,340,119 |
| 7 | June | 1,511,180,730 | 248,208,961 | 534,376,847 |  | 1,141,405 | 13,101,071 | 1,778,639 | 474,347,769 | 56,739,352 | 253,191,364 |
| 8 | July | 1,510,541,869 | 244,968,620 | 529,679,273 |  | 1,141,405 | 13,243,817 | 1,417,073 | 488,061,837 | 56,835,224 | 255,541,518 |
| 9 | August | 1,510,973,611 | 245,716,282 | 531,682,012 |  | 1,141,405 | 13,204,483 | 1,136,311 | 489,823,078 | 58,134,924 | 257,917,094 |
| 10 | September | 1,512,210,333 | 246,716,554 | 533,971,333 |  | 1,141,405 | 12,826,018 | 1,445,046 | 489,940,758 | 59,615,024 | 259,907,381 |
| 11 | October | 1,515,141,724 | 250,134,960 | 533,595,711 |  | 1,141,405 | 12,393,762 | 1,684,776 | 491,459,029 | 60,905,907 | 260,236,071 |
| 12 | November | 1,518,638,822 | 250,959,634 | 538,750,951 |  | 1,141,405 | 12,521,319 | 1,469,865 | 493,099,147 | 62,095,625 | 262,453,190 |
| 13 | December | 1,547,012,084 | 254,708,195 | 558,388,839 |  | 1,141,405 | 12,899,808 | 1,215,256 | 494,610,735 | 63,297,973 | 264,599,972 |
| 14 | Average of the 13 Monthly Balances | 1,492,071,225 | 245,363,994 | 534,109,241 |  | 1,137,057 | 12,972,612 | 1,425,117 | 485,852,299 | 58,619,091 | 256,725,873 |

Adjustments to Rate Base

| Line No | $\substack{\text { Month } \\(\text { a) } \\ \text { Attachment H, Page 2, Line No: }}$ | Unamortized Regulatory Asset <br> (b) <br> 28 | Unamortized Abandoned Plant <br> (c) <br> 29 | Account No. 281 Accumulated Deferred Income Taxes (Note D) <br> (d) <br> 22 | Account No. 282 Accumulated Deferred Income Taxes (Note D) <br> (e) <br> 23 | Account No. 283 Accumulated Deferred Income Taxes (Note D) (f) 24 | Account No. 190 Accumulated Deferred Income Taxes (Note D) (g) 25 | Account No. 255Accumulated Deferred <br> Investment Credit <br> (h) <br> 2626 | $\begin{gathered} \text { Pension Asset } \\ \text { (i) } \\ 27 \mathrm{a} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Notes A \& E | Notes B \& F | Attachment 4A, line 20 for the projection and line 44 for the true-up | Attachment 4A, line 14 for the projection and line 38 for the true-up | Attachment 4A, line 17 for the projection and line 41 for the true-up | Attachment 4A, line 34 for the projection and line 47 for the true-up | Consistent with 266.8.b, 266.17.b, 267.8.h \& 267.17.h | Pension Asset booked to Account 186 |
| 15 | December Prior Year |  |  |  |  |  |  |  | 32,025,610 |
| 16 | January |  |  |  |  |  |  |  | 33,911,149 |
| 17 | February |  |  |  |  |  |  |  | 33,693,342 |
| 18 | March |  |  |  |  |  |  |  | 33,482,044 |
| 19 | April |  |  |  |  |  |  |  | 33,261,440 |
| 20 | May |  |  |  |  |  |  |  | 33,059,650 |
| 21 | June |  |  |  |  |  |  |  | 32,843,995 |
| 22 | July |  |  |  |  |  |  |  | 32,628,341 |
| 23 | August |  |  |  |  |  |  |  | 32,412,686 |
| 24 | September |  |  |  |  |  |  |  | 32,197,031 |
| 25 | October |  |  |  |  |  |  |  | 31,985,804 |
| 26 | November |  |  |  |  |  |  |  | 31,769,907 |
| 27 | December |  |  |  |  |  |  | - | 31,562,100 |
| 28 | Average of the 13 Monthly Balances |  |  | Zero | (260,301,938) | (7,987,143) | 12,181,867 |  | 32,679,469 |

(except ADIT which is the amount shown on Attachment 4A)


## - for the Projection



## PECO Energy Company



nstructions for Account 190:

1. ADI Titems related only to Non-Electric Operations e.e., Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Non-Electric Operations (e.g, Gas, Water, Sewer) or
3. ADIT items related only to Transmission are directly assigned to column $D$
4. ADIT items related to Plant other than general plant, intangible plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Colum
5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADTT is not included in the formula
the associated ADIT amount shall be excluded
ADIT BOY Worksheet

|  | ADIT- 282 | $\begin{gathered} \text { B } \\ \text { Total } \end{gathered}$ | $\begin{gathered} \text { C } \\ \text { Gas, Prod } \\ \text { Retail Or Other } \\ \text { Related } \end{gathered}$ | $\underset{\substack{\mathrm{D} \\ \text { Transmission } \\ \text { Related }}}{ }$ | $\begin{gathered} \text { E } \\ \begin{array}{c} \text { Plant } \\ \text { Related } \end{array} \end{gathered}$ | $\begin{aligned} & \text { Labor } \\ & \text { Related } \end{aligned}$ | Justification $\quad$ G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13a | Property Related ADIT, Excl. ARO |  |  |  |  |  |  |
| ${ }^{136}$ | Common | (39,051,003) |  |  |  | (39,051,003) | Included because plant in service is included in rate base. |
| 13 c | Distribution | (1,913,939,237) | (1,913,939,237) |  |  |  | Related to Distribution property. |
| 13d | Electric General | $(5,406,256)$ |  |  |  | $(5,406,256)$ | Included because plant in service is included in rate base. |
| 13 e | Transmission | (369,697,372) |  | (369,697,372) |  |  | Included because plant in service is included in rate base. |
| 137 |  |  |  |  |  |  |  |
| ${ }^{138}$ |  |  |  |  |  |  |  |
| 13 h |  |  |  |  |  |  |  |
| 14 | Subtotal - p275.2.b | (2,328,093,888) | (1,913,939,237) | (369,697,372) |  | (44,457,259) |  |
| 15 | Less FASB 109 Above if not separately removed | (1,171,612,218) | (1,029,534,767) | (122,140,216) |  | (19,937,235) |  |
| 16 | Less FASB 106 Abve if not separately removed |  |  |  |  |  |  |
| 17 | Total | (1,156,481,650) | (884,404,470) | (247,557,156) |  | (24,520,024) |  |

Instructions for Account 282:

1. ADTT items related only to Non-Electric Operations (e.g, Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT titems related only to Transmission are directly assigned to column D
3. ADIT items related to Plant other than general plant, intangible plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Column E
4. Deferred income taxes arise when items are includuded in taxable income in dififerent periods than they are included in rates, therefore if the item giving rise to the ADTT is not included in the formula
the associated $A$ DIT a a mount shall be excluded


## Instructions for Account 283:

1. ADIT items reated only to Non Electic Oneraions eg,
2. ADIT items related only to Transmission are directly assigned to Column
3. ADII tems related to Plant other than general plant, intangible plant or common plant and not in $C$ Coumns $\mathrm{C} \& \mathrm{D}$ are included in Colum
4. ADIT items related to lobor, general plant, intangible plant, or common plant and not in Columns $\mathrm{C} \& D$ are included in Column F


| D |  |  |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Transmission | Plant | Labor |  |
| Related | Related | Related |  |
| (266,240,038) |  | (33,359,806) | (From line 5 for the column) |
|  | (6,327,128) | (108,024,770) | (From line 17 for the column) |
|  | 7,420,671 | 153,189,182 | (From line 29 for the column) |
| (266,240,038) | 1,093,543 | 11,804,006 |  |

Line In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns $C$-F and each separate ADIT item will be listed. Dissimilar items
with amounts exceeding $\$ 100,000$ will be listed separately.


[^1]|  | ADIT-282 | Total | $\begin{aligned} & \text { Gas, Prod } \\ & \text { Retail OO Other } \\ & \text { Related } \end{aligned}$ | Only Transmission Related | Plant Related | Labor Related | Justification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13a | Property Related ADIT, Excl ARO |  |  |  |  |  |  |
| 136 | Common | (28,709,490) |  |  |  | (28,709,490) | Included because plant in service is included in rate base. |
| c | Distribution | (1,121,038,511) | (1,121,038,511) |  |  |  | Related to Distribution property. |
| ${ }^{13 \mathrm{~d}}$ | Electric General | (3,411,310) |  |  |  | $(3,411,310)$ | Included because plant in service is included in rate base. |
| 13 e | Transmission | (213,299,037) |  | (213,299,037) |  |  | Included because plant in service is included in rate base. |
| $13 f$ |  |  |  |  |  |  |  |
| 13g |  |  |  |  |  |  |  |
| ${ }^{13 \mathrm{~h}}$ |  |  |  |  |  |  |  |
| 14 | Subtotal - p275.2. | ${ }_{(1,366,458,348)}$ | ${ }_{(1,121,038,511)}$ | (213,299,037) |  | (32,120,800) |  |
| 15 | Less 5 FASB 109 Above if int separately removed | $(148,820,113)$ | (203,000,120) | 52,941,001 |  | 1,239,006 |  |
| 16 | Less FASB 106 Above i if not sparataly removed |  |  |  |  |  |  |
|  | Total | $(1,217,638,235)$ | (918,038,391) | (266,240,038) |  | (33,359,806) |  |

${ }_{19}^{18}$ Instructions for Account 282:

```
/nstructions for
    1. ADIT tems realed only to Non-Electric Operations (e.g,, Gas, Water, Sever) or Production are directly assigned to Column C
```




```
    5.Defered income taxes arise when items are id
```



| 25a | ACT 129 SMART METER | (6,674,279) | (6,674,279) |  |  |  | Retail related |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25b | AEC RECEIVABLE | (1,172,108) | (1,172,108) |  |  |  | Retail related |
| 250 | AMORT-BK-PREMIUMS ON REACQD DEBT-9.5\% | (432,825) |  |  | (432,825) |  | Book reapaitalizes costs incurred to retire or reacquir debt issuances. Tax deducts these costs when incurred. |
| 25d | CAP Forgiveness reg asset | $(2,105,889)$ | $(2,105,889)$ |  |  |  | Retail related |
| 25 | CAP SHOPPING REG ASSET | 0 |  |  |  |  | Retail reated |
| $25 f$ | DSP 2-REGULATORY ASSET | (74,577) | (74,577) |  | - |  | Retail related |
| 25g | Elec Rate CASE EXP - Reg Asset | (19,564) | (19,564) |  |  |  | Retail related |
| 25h | ENERGY EFFICIENCY REG ASSET | (198,976) | (198,976) |  |  |  | Retail related |
| $25 i$ | Gross Up on State Def Tax Adj- AMR Reg Asset | (577,496) | (577,496) |  |  |  | Retail related |
| 25 j | HOLIDAY PAY CHANGE IN PROVISION |  |  |  |  |  | The book expense on Jan 1 of calendar year; accelerated tax expense taken in previous calendar year. Related to all functions. |
| 25k | OCl-Def F FT \& Sit | (568,355) | (568,355) |  |  |  | Excluded because the underly ing account(s) are not included in model |
| 251 | OTHER CURRENT REG ASSET: |  |  |  |  |  |  |
| 25m | LoSS of reaquired debt | (153,763) |  |  | (153,763) |  | Book recapitalizes costs incurred to retire or reacquire debt issuances. Tax deducts these costs when incurred. Included in debt capitalization ratio on Appendix A, line 111. |
| 25n | Vacation accrual | (1,461,442) |  |  |  | (1,461,442) | Current portion of vacation pay earned and expensed for books, tax takes the deduction when paid out. Related to all functions. |
| 250 | SmART METER | (3,581,502) | (3,581,502) |  |  |  | Retail related |
| 25p | CAP SHOPPING REG ASSET - CURRENT | (245,786) | (245,786) |  |  |  | Retail related |
| 259 | CAP Forgiveness Reg Asset - Current | $(390,761)$ | (390,761) |  |  |  | Retail related |
| 25 | fas 112 | (208,178) |  |  |  | (208,178) | Employer provided benefits to former employees but before retirement. |
| 255 | ELEC RATE CASE EXP- REG ASSET- CURRENT | $(127,943)$ |  |  | (127,943) |  | Property taxes. Book records on an accrual method based on the prior year; tax reverses the book accrual and deducts the actual payments made. . Relates to all functions. |
| $25 t$ | PURTA | 析 | 4 |  |  |  | Retail related |
|  |  |  |  |  |  |  | Book accrues and capitalizes anticipated Pension costs based on actuarial analysis. Tax deducts or capitalizes retirement benefits only when the amounts |
| 254 | SEAMLESS MOVES | $(38,518)$ |  |  |  | $(38,518)$ | paid. Related to all functions. |
| 25v | OTHER CURRENT REG ASSET | $(2,217,430)$ | (2,217,430) |  | . |  | Gas Related Bock acrues and capitaizes anticipated Pension costs based on acturial analysis. Tax deducts or capitalize retirement benefits only when the amour |
| 25w | PENSION EXPENSE PROVISION | (90,086,556) |  |  |  | (90,086,556) | Book accrues and capitalizes anticipated Pension costs based on actuarial analysis. Tax deducts or capitalizes retirement benefits only when the amounts and paid. Related to all functions. |
| 25x | RATE CHANGE REG ASSET | $(9,147,256)$ | $(9,147,256)$ |  |  |  | Gross up related to non-property tax rate change/TCSA |
| 25y | STATE TAX RESERVE | $(3,254,291)$ |  |  | $(3,254,291)$ |  | The state income tax is cash basis |
| 252 |  |  |  |  |  |  |  |
| $\cdots$ |  |  |  |  |  |  |  |
| 26 | Subtotal - p27T.9.k | (122,737,492) | (26,973,976) |  | (3,968,822) | (91,794,694) |  |
| 27 | Less FASB 109 Above if not separately removed | 17,006,873 | $(1,581,508)$ |  | 2,358,306 | 16,230,075 | Includes FASB 109 related to TCJA |
| 28 29 | Less FASB 106 Above if not separately removed Total | (139,744,365) | (25,392,468) |  | (6,327, ,128) | (108,024,770) |  |

号
Instuction for Account 28

2. ADIT items reataed only to Transmission are directly asigned to Column D
3. ADIT tens related to Plant tother than general plant, intangible plant or common plant and not in Columns C 8 D are included in Column E
5. Deferred incol .
5. Deferred income taxes arise when items are included in taxable income in dififerent periods than they are included in rates, therefore if the item giving isis to the ADTT is not included in the fomula
the a ssociaited ADIT amount shall be excluded

| Attachment 4D - Intangibl Plant Workpaper |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Intangile Plant |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{gathered} (\mathrm{a}) \\ \text { Gross Plant } \end{gathered}$ | $\stackrel{(b)}{\text { December Prior Year }}$ | ${ }_{\text {January }}^{(\text {c) }}$ | $\underset{\text { February }}{(d)}$ | $\underset{\text { March }}{\substack{(e)}}$ | $\underset{\text { Appri }}{(f)}$ | $\stackrel{\text { May }}{\text { (e) }}$ | ${ }_{\text {June }}^{\text {(h) }}$ | $\begin{aligned} & (\mathrm{i}) \\ & \text { July } \end{aligned}$ | $\begin{gathered} \text { August } \end{gathered}$ | $\stackrel{(k)}{(k)} \text { Seplember }^{\text {Ster }}$ | $\mathrm{O}_{\text {October }}^{(1)}$ | $\underset{\substack{(\mathrm{m}) \\ \text { Noverber }}}{ }$ | $\stackrel{(1)}{(n)}_{\text {December }}^{(0)}$ | ${ }_{\text {Average }}^{(0)}$ | ${ }_{\text {Transmission }}$ | ${ }_{\text {Distribution }}^{(9)}$ | $\begin{gathered} \text { Sew Allocation } \\ \hline(\mathrm{r}) \end{gathered}$ | ${ }_{\text {Total }}^{\text {(s) }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | =average(b:n) |  |  |  | mum(P.) |
| 1 | Intangibes - General | 10,302,412 11.30451 1 | $13,993,544$ 11306758 1 | $14,781.082$ 11306758 10658 | $11,963,216$ 11338399 | $11,967,152$ 11340.400 1 | $14,073,259$ 11284553 | ${ }^{14,903,080}$ | 12,718,488 10929811 | $12,910,519$ 10.965736 | $13,083,189$ 10.955 .547 | $13,027,294$ 10942303 | ${ }_{\text {13,201,224 }}^{11121894}$ | 14,332.648 | $13,173,24$ $11,201.002$ 1 | 11,201.002 |  | 13,173,624 | - $13,173,624$ |
| 3 | IT NERC CIP- Distribution | 1.613 .218 | 1,613,593 | 1613.593 | 1,616,968 | 1.6171181 | 1,678.137 | 1912.516 | 1793,387 | 1830012 | 1819823 | 1806,579 | $1,892.208$ | 2.042317 | 17257.656 |  | 1,757.656 |  | ${ }^{10,757, .656}$ |
| 4 | IT DSP- Distribution | 2,231,384 | 2.231.384 | 2.231.384 | 2.231 .384 | ${ }_{2} 2.231 .184$ | 2.231.384 | 2.231.384 | ${ }^{2} 2.231,384$ | 2.231 .384 | ${ }^{2} 2.231 .384$ | ${ }_{2}^{2,231,384}$ | 2.231 .384 | 2.231.384 | 2.231 .184 |  | 2.231,384 |  |  |
| 5 | IT BIDA- Distribution |  | 8.535,347 | 8.535,347 | 9,247, 193 | 9,247,193 | 9,231.602 | 9,403,458 | 12,439.882 | 12.439,882 | 12,439,882 | 12,439.882 | 12,439,882 | 16,04, 6.56 | ${ }^{10,191.862}$ |  | ${ }^{10.191 .862}$ |  | ${ }_{\text {10,191.862 }}$ |
| 6 | IT Post 2010 and Other- Distribution | 19,162,699 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,638,254 | 19,63,254 | 19,601,673 |  | 19,601,673 |  | 19,601,673 |
| 7 | IT Smart Meter - Distribution | 83,763,016 | 83,791,380 | 84,27,901 | 84,335,435 | 83,83,786 | 83,83,654 | 83,830,679 | 83,830,679 | 83,830,679 | 86,110,084 | 86,110,084 | 86,110,084 | 86,110,084 | 84,596,734 |  | 84,596,734 |  | 84,596,734 |
| ${ }_{9}^{8}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1112 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 121414 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 141515 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 18 |  |  | 1617 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 20 | Total | 128,377,80 | 141,110,260 | 142,380,319 | 140,30,849 | 139,872,350 | 141,967,843 | 143,438,378 | 143,581,185 | 14,846,466 | 146,278,163 | 146,195,780 | 146,634,930 | 151,77, ${ }^{\text {a }}$ A ${ }_{\text {Ald }}$ | $142,753,935$ Allocation Factor | 11,201,002 1000000 | $\begin{gathered} 118,379.309 \\ 0.00 \% \end{gathered}$ | ${ }_{\substack{\text { c, } \\ 13,173,624 \\ 11.76 \% \%}}^{1}$ | 142,75, ${ }^{\text {a }}$, |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  |  | Total Inangible | e- Transmission | 11,201,002 |  | 1,549,222 | 12,750,224 |
| Accumulated Depreciation |  | (b) | (c) | (d) | (e) | (f) | (g) | (h) | ${ }^{\text {(i) }}$ | (1) | (k) | (1) | (m) | (n) | $\stackrel{(0)}{(0)}{ }_{\text {Averge }}$ | ${ }_{\text {Transmission }}^{(0)}$ | ${ }_{\text {Distribution }}^{(9)}$ | S8W Allocation |  |
|  |  | December Prior Year | 4,034,565 | 4,236,394 | March | April | May | June3.808.154 | July4,001.801 | 4,181,313 | 4,363,413 | October | November | December |  |  |  |  | (Total |
| 22 Intangibles - General |  | 3,915,875 |  |  | 3,255,02 |  |  |  |  |  |  | 4,546,340 | 4,730,106 | 4,923,130 | =average(b:n) $4,078,727$ | 2,951,739 |  | 4,078,727 |  |
| 23 | IT NERC CIP - Transmission | 1,844,508 | 2,036, 183 | 2,227,881 | 2,420,934 | 2,613,155 | 2,804,481 | 2,996,824 | 3,114,947 | 3,296,979 | 3,479,244 | 3,661,291 | 3,844,767 | 4,031,408 | 2,951,739 |  |  |  | 2,951,739 |
| 24 | IT NERC CIP - Distribution | 248,114 | 275,887 | 303,663 | 31,589 | 359,421 | 387,651 | 418,237 | 431,863 | 462,101 | 492,573 | 522,834 | 553,733 | 586,795 | 413,420 |  | 413,420 |  | 413,420 |
| 25 | IT DSP- Distribution | 1,517,580 | 1,554,769 | 1,591,959 | 1,629,149 | 1,666,339 | 1,703,528 | 1,740,718 | 1,777,908 | 1,815,098 | 1,855,287 | 1,889,477 | 1,926,667 | 1,961,801 | 1,740,560 |  | 1,740,560 |  | 1,740,560 |
| 26 | IT BIDA - Distribution |  | ${ }_{\text {50,208 }}$ | 151,221 | ${ }_{12506,523}$ | ${ }^{366,166}$ | ${ }^{475,712}$ | 586,234 | ${ }_{\text {717,063 }}$ | ${ }^{867,355}$ | ${ }^{1,017,648}$ | ${ }^{1,1,167,940}$ | $1,318,233$ 150723 | ${ }^{1,493,220}$ | ${ }^{651,348}$ |  | ${ }^{651,348}$ |  | ${ }^{651,348}$ |
| 27 | ${ }_{\text {IT S Sart Meter - Distribution }}$ | 13,487,443 | 13,699,241 | 13,836,482 | 13,974,246 | 14,111,477 | 14,24,708 | 14,385,939 | 14,523,170 | 14,600,401 | 14,797,633 | 14,93, ,864 | 15,072,095 | 15,20,326 | 14,380,079 |  | 14,380,079 |  | 14,380,079 |
| 28 |  | 55,406,168 | 56,410,430 | 57,203, 162 | 58,148,850 | 58,482,382 | 59,363,321 | 60,23, 351 | ${ }^{61,109,377}$ | 61,982,404 | 62,874,425 | 63,797,057 | 64,707,820 | 65,618,582 | 60,410,795 |  | $60,410,795$ |  | $60,410,795$ |
| ${ }_{30}^{29}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3132 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3238 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 343535 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 353637 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 38 <br> 39 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40 41 | Total | 76,419,688 | 78,061,283 | 79,550,762 | 80,016,293 | 81,021,403 | 82,588,294 | 84,172,457 | 85,676,129 | 87,26, 51 | 88,877,223 | 90,519,803 | 92,153,421 | 93,84, 262 | ${ }_{\substack{\text { 84,62,667 } \\ \text { Alloction Factor }}}$ | ${ }_{\text {2, }}^{\text {2,951.739 }} 100.00 \%$ | ${ }^{77,596,201} 0.00 \%_{0}$ | ${ }_{\text {4,078 }}^{4.727} 1.76 \%$ | 84,26,667 |
| ${ }_{42}^{41}$ |  |  |  |  |  |  |  |  |  |  |  |  |  | Toaa Inangible | Alloction Factor | ${ }_{\text {2,951,739 }}^{\text {100.0\% }}$ |  | $11.76 \% \%$ 479,659 | 3,431,398 |



PECO Energy Company
Page 1 of 2
Attachment 4E-Cost to Achieve Mergers


PECO Energy Company

| Attachment 4E - Cost to Achieve Mergers |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (a) | (b) | (c) | (d) | (e) | (...) |  | (x) |
|  | Net Plant = Gross Plant Minus Accumulated Depreciation from above | Constellation Merger | PHI Merger |  |  |  |  | Total |
| 40 | December Prior Year | 1,972,133 | 43,212 |  |  |  | \$ | 2,015,345 |
| 41 | January | 1,864,864 | 43,889 |  |  |  | \$ | 1,908,753 |
| 42 | February | 1,742,690 | 43,093 |  |  |  | \$ | 1,785,782 |
| 43 | March | 625,937 | 61,297 |  |  |  | \$ | 687,234 |
| 44 | April | - | 119,771 |  |  |  | \$ | 119,771 |
| 45 | May | - | 134,028 |  |  |  | \$ | 134,028 |
| 46 | June | - | 294,160 |  |  |  | \$ | 294,160 |
| 47 | July | - | 295,968 |  |  |  | \$ | 295,968 |
| 48 | August | - | 286,466 |  |  |  | \$ | 286,466 |
| 49 | September | - | 493,246 |  |  |  | \$ | 493,246 |
| 50 | October | - | 484,005 |  |  |  | \$ | 484,005 |
| 51 | November | - | 481,357 |  |  |  | \$ | 481,357 |
| 52 | December | - | 630,269 |  |  |  | \$ | 630,269 |
| 53 | Average | 477,356 | 262,366 |  |  |  |  | 739,722 |
|  | Depreciation (Monthly Change of Accumulated Depreciation from above) | Constellation Merger | PHI Merger |  |  |  |  | Total |
| 54 | January | 107,270 | 884 |  |  |  | \$ | 108,154 |
| 55 | February | 122,174 | 765 |  |  |  | \$ | 122,938 |
| 56 | March | 37,843 | 3,654 |  |  |  | \$ | 41,496 |
| 57 | April | - | 3,091 |  |  |  | \$ | 3,091 |
| 58 | May | - | 2,238 |  |  |  | \$ | 2,238 |
| 59 | June | - | 9,378 |  |  |  | \$ | 9,378 |
| 60 | July | - | 5,089 |  |  |  | \$ | 5,089 |
| 61 | August | - | 4,454 |  |  |  | \$ | 4,454 |
| 62 | September | - | 20,664 |  |  |  | \$ | 20,664 |
| 63 | October | - | 9,494 |  |  |  | \$ | 9,494 |
| 64 | November | - | 4,660 |  |  |  | \$ | 4,660 |
| 65 | December | - | 22,001 |  |  |  | \$ | 22,001 |
| 66 | Total | 267,287 | 86,373 |  |  |  | \$ | 353,659 |

Transmission O
Expenses

$$
\begin{aligned}
& \text { Ecount No. } 566 \text { (Misc. } \\
& \text { Trans. Expense) }
\end{aligned}
$$

Account No. $565 \quad$| Accounts 561.4 and |
| :---: |
| 561.8 |

| Amortization of <br> Regulatory Asset | Miscellaneous <br> Transmission <br> Expense (less <br> amortization of <br> regulatory asset) <br> (f) | Depreciation Expense - <br> Transmission | Depreciation Expense - <br> Common |
| :---: | :---: | :---: | :---: |
| (e) | (g) | (h) |  |
| 11 | 12 | 16 |  |
| Portion of Account <br> 566 | Balance of Account <br> 566 | $336.7 . b, \mathrm{~d} \& \mathrm{e}$ | $336.11 . \mathrm{b}, \mathrm{d} \& \mathrm{e}$ |

$184,929,330$ \$ 11,680,412 \$ $\qquad$ 136,281,037 $\square$ 11,680,412 $\qquad$ 23,761,763 \$ 23,761,593


|  |  |  |  |  |  |  | \$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3 |  |  | Long Term Interest (117, sum of 62.c through 67.c) |  |  |  | 126,237,140 |  |
| 4 |  |  | Preferred Dividends (118.29c) (positive number) |  |  |  | - |  |
| 5 |  |  | Proprietary Capital (112.16.c) |  |  |  | 3,514,768,606 |  |
| 6 |  |  | Less Preferred Stock (112.3.c) |  |  |  | - |  |
| 7 |  |  | Less Account 216.1 (112.12.c) (enter negative) (Note D) |  |  |  | - |  |
| 8 |  |  | Less Account 219.1 (112.15.c) (enter negative) |  |  |  | (1,192,696) |  |
| 9 |  |  | Common Stock (sum lines 41-43) |  |  |  | 3,513,575,910 |  |
|  |  |  |  |  |  | Cost |  |  |
|  |  |  |  | \$ | \% |  |  | Weighted |
| 10 | Long Term Debt | Note A |  | 2,884,418,609 | 45.08\% | 4.38\% |  | 1.97\% =WCLTD |
| 11 | Preferred Stock (112.3.c) | Note B |  | - | - | - |  | 0.00\% |
| 12 | Common Stock | Note C |  | 3,513,575,910 | 54.92\% | 11.00\% |  | 6.04\% |
| 13 | Total | (Sum of Lines 48-50) |  | 6,397,994,519 |  |  |  | $8.01 \%=\mathrm{R}$ |

Note: $\quad$ Long Term Debt balance will reflect the 13 month average of the balances, of which the 1 st and 13 th are found on page 112 lines $18 . \mathrm{c} \& \mathrm{~d}$ to $21 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1, the cost is calculated by dividing line 3 by the Long Term Debt balance in line 10 .
A Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13 th are found on page 112 line $3 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1
C Common Stock balance will reflect the 13 month average of the balances, of which the 1 st and 13 th are found on page 112 lines $3 . \mathrm{c} \& \mathrm{~d}, 12 \mathrm{c} \& \mathrm{~d}$, and $16 . \mathrm{c} \& \mathrm{~d}$ in the Form No. 1 as shown on lines $10-12$ above ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC.
D The Account 216.1 balance is input only if positive number in the FERC Form No. 1 (112.12.c).

## ccount 454-Rent from Electric Property

Rent from Electric Property - Transmission Related, Subject to Sharing (Note 3 )
Rent from Electric Pro
Total Rent Revenues
Account 456 \& 456.1 - Other Electric Revenues (Note 1)
$\begin{array}{ll}4 & \begin{array}{l}\text { Schedule } 1 \mathrm{~A} \\ \text { Firm Point to Point Service revenues for which the load is not included in the divisor received b. }\end{array} .\end{array}$
ranasmission ouner
Revenues associaied with transmission service not provided under the PJM OATT (Note 4)
Intercompany Professional Services
PJM Transitional Revenue Nees
PMM Transitional Revenue Neutrality (Note 1 1)
PMM Trasitional Mate Ext
PJM Transitional Market Expa
Professional Services (Note 3)
Revenues from Directly Assigned Transmission Facility Charges (Note 2)

| 13 |
| :--- |
| Gross Revenue Credits |
| 14 |

$\begin{array}{lll}14 & \text { Less line } 17 \mathrm{~g} \\ 5 & \text { Total Revenue Credits }\end{array}$

## Revenue Adjustment to determine Revenue Credit

teceived as a LSE), for which the cost of the service is recovereded under this formular eexcept as received as a LSE), for which the cost of the servicice is recovered under this formula, except as
specifically provided of elsewhere in this Attachment or esewhere in the formula will be included
as a revenue credit or or included in in the peak on line 173 of Appendix A.

16b Note 2: If the costs associated with the Directly Assigned Transmission Faciility Charges are included in the Ratass, the associated revenuus aras included in in the Ratese. If the costs sascociated with
the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated he Directly Assigned Transmission Fac
revenues are not included in the Rates.
${ }^{16 c}$
Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; ; 3 ) right-of-way property leases for farming,
grazing or nurseries; $(4)$ licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) ransmission maintenance and consulling services (including energized circuit maintenance, high-voltage substation maintenance, safety training,
transformer oil testing, and circuit breaker testing to other utilities and larec ustomers transformer oil testing, and circuit breaker testing) to other utilities and large customers
(collectively, products). Company will retain 50\% of net revenues consistent with Pacific Gas and Electric Company, 90 FERC $\mathbb{1} 61,314$. Note: in order to use lines $17 \mathrm{a}-17 \mathrm{~g}$, the utility must track in separate subaccounts and by department the revenues and costs associated with each secondar
use eexcept for the cost of the associated income taxes). The cost associted with the seocondary transmission use is $3 / 4$ of the total department costs.
$\begin{array}{ll}7 \mathrm{a} & \text { Revenues included in lines } 1-11 \text { which are subject to } 50 / 50 \text { sharing } \\ 7 \mathrm{~b} & \text { Costs associated with revenues in line } 17 \mathrm{a}\end{array}$
$\begin{array}{ll}\text { 7b } & \text { Costs associated with reven } \\ \text { 17c } \\ \text { Net }\end{array}$

the formula times sthe allocators used to functionalize the amounts in the FERC account to the
7f transmission service ati issue.
17 f Net Revenue Credit
17 g Line 17 fess line 17 a
18
112,52
shown here but not included in the total above and is explained in the Cost Support; for example revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not

19 Reserved
$20 \begin{array}{ll}20 & \text { Total Account } 454,456 \text { and } 456.1 \\ \text { Reserved }\end{array}$

## Attachment 5 A-Revenue Credit Workpaper

Page 2 of 2
Costs associated with revenues in line 17a


Note A: Number of employees managing secondary transmission service contracts divided by number of employees managing transmission and distribution secondary service contract

## PECO Energy Company

## Attachment 5B-A\&G Workpaper

| 1 | Administrative and General Salaries |
| :---: | :--- |
| 2 | Office Supplies and Expenses |
| 3 | Administrative Expenses Transferred-Credit |
| 4 | Outside Service Employed |
| 5 | Property Insurance |
| 6 | Injuries and Damages |
| 7 | Employee Pensions and Benefits |
| 8 | Franchise Requirements |
| 9 | Regulatory Commission Expenses (Note E) |
| 10 | Duplicate Charges-Credit |
| 11 | General Advertising Expenses |
| 12 | Miscellaneous General Expenses |
| 13 | Rents |
| 14 | Maintenance of General Plant |
| 15 | Administrative \& General - Total |
| 16 |  |
| 17 |  |



## Month (Note A)

February
March
April
April
May
May
June
July
August
September
October
November
December
${ }_{\text {Jebruary }}$
March
April
May
18 Average of lines 1-17 above
Note A:
The FERC Quarterly Interest Rate in column [A] is the interest applicable to the Month indicated.

| 19 | Year |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 20 | A | B | C | D | E | F |
|  | Project Name | RTO Project Number or Zonal | Amount | 17 Months | $\begin{aligned} & \text { Monthly } \\ & \text { Interest Rate } \end{aligned}$ | Interest |
|  |  |  | Attachment 3, <br> Col. $\mathrm{G}+\mathrm{Col} \mathrm{H}$ |  | $\begin{gathered} \text { Line } 18 \\ \text { above } \end{gathered}$ | Col. Cx Col D D $\mathrm{COEE}$ |
| 21 | Zonal | Zonal | - | 17 | - |  |
| 21a | Old Schedule 12 Project 1 | b0269 | - | 17 | - |  |
| 21 b | Old Schedule 12 Project 2 | b0287 | - | 17 | - |  |
| 21 c | Old Schedule 12 Project 3 | ${ }^{\text {b1591 }}$ | - | 17 | - |  |
|  | Old Schedule 12 Project 4 | b0269.6 | - | 17 | - |  |
|  | Old Schedule 12 Project 5 | b0171.1 | - | 17 | - |  |
|  | Old Schedule 12 Project 6 | b1590.1 | - | 17 | - |  |
|  | Old Schedule 12 Project 7 | b1398.8 | - | 17 | - |  |
|  | Old Schedule 12 Project 8 | b1398.13 (b2572) | - | 17 | - |  |
|  | Old Schedule 12 Project 9 | b1398.6 (b1590.1 \& 1590.2) | - | 17 | - |  |
|  | Old Schedule 12 Project 11 | b0727 | - | 17 | - |  |
|  | Old Schedule 12 Project 12 | b0269 | - | 17 | - |  |
|  | Old Schedule 12 Project 13 | b2140 | - | 17 | - |  |
|  | Old Schedule 12 Project 14 | b1182 | - | 17 | - |  |
|  | Old Schedule 12 Project 15 | b1717 | - | 17 | - | - |
|  | Old Schedule 12 Project 16 | b1178 | - | 17 | - | - |
|  | Old Schedule 12 Project 17 | b0790 | - | 17 | - | - |
|  | Old Schedule 12 Project 18 | b0506 | - | 17 | - |  |
|  | Old Schedule 12 Project 19 | b0505 | - | 17 | - |  |
|  | Old Schedule 12 Project 20 | b0789 | - | 17 | - | - |
|  | Old Schedule 12 Project 22 | b0206 | - | 17 | - |  |
|  | Old Schedule 12 Project 23 | b0207 | - | 17 | - | - |
|  | Old Schedule 12 Project 24 | $\mathrm{b}^{2} 208$ | - | 17 | - |  |
|  | Old Schedule 12 Project 25 | b0209 | - | 17 | - | - |
|  | Old Schedule 12 Project 26 | $\mathrm{b}^{2} 264$ | - | 17 | - | - |
|  | Old Schedule 12 Project 27 | b0357 | - | 17 | - | - |
|  |  |  | - | 17 | - | - |
|  |  |  | - | 17 17 | - | $-$ |



| (A) | (B) | (C) | (D) | (E) | (F) | (G)Gross DepreciablePlant$\$$ | (H) <br> Accumulated Depreciation \$ | (I)Net DepreciablePlant$\$$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Estimated Life | Mortality | Weighted Average | Applied |  |  |  |  |
| Number |  | Note 1 | Note 1 | Note 2 | (F) $=(\mathrm{J}) /(1)$ | Note 4 | Note 4 | (I)=(G)-(H) | Note 6 |
|  |  |  |  |  |  |  | of 12/31/2017 |  | FY 2017 |
| Electric Transmission |  |  |  |  |  |  |  |  |  |
| 352 | Structures and Improvements | 50 | R2.5 | 36.74 | 2.48\% | 72,934,896 | 20,227,180 | 52,707,716 | 1,308,506 |
| 353 | Station Equipment | 57 | R2.5 | 42.46 | 2.22\% | 816,231,943 | 194,632,452 | 621,599,491 | 13,793,899 |
| 354 | Towers and Fixtures | 65 | R4 | 31.91 | 3.17\% | 266,736,648 | 155,676,350 | 111,060,298 | 3,519,391 |
| 355 | Poles and Fixtures | 65 | R4 | 54.82 | 1.85\% | 16,532,820 | 2,840,646 | 13,692,174 | 253,763 |
| 356 | Overhead Conductors and Devices | 60 | R4 | 35.48 | 2.70\% | 193,124,986 | 81,056,580 | 112,068,406 | 3,031,359 |
| 357 | Underground Conduit | 65 | R4 | 46.30 | 2.18\% | 14,955,807 | 4,760,414 | 10,195,393 | 221,846 |
| 358 | Underground Conductors and Devices | 60 | R3 | 36.40 | 2.62\% | 104,555,952 | 42,510,961 | 62,044,991 | 1,624,817 |
| 359 | Roads and Trails | 50 | R4 | 11.32 | 9.27\% | 2,136,664 | 2,048,416 | 88,249 | 8,182 |
|  |  |  |  |  |  | 1,487,209,717 | 503,753,000 | 983,456,717 | 23,761,763 |
| Electric General |  |  |  |  |  |  |  |  |  |
| 390 | Structures and Improvements | 40 | R1 | 27.43 | 3.62\% | 49,660,750 | 11,502,855 | 38,157,896 | 1,380,996 |
| 391.1 | Office Furniture and Equipment - Office Machines | 10 | sQ | 3.26 | 36.45\% | 142,278 | 100,605 | 41,673 | 15,188 |
| 391.2 | Office Furniture and Equipment - Furnitures and Fixtures | 15 | sQ | 8.38 | 12.74\% | 802,172 | 370,071 | 432,102 | 55,065 |
| 391.3 | Office Furniture and Equipment - Computers | 5 | sQ | 2.89 | 25.77\% | 12,019,818 | 3,384,020 | 8,635,798 | 2,225,611 |
| 391.4 | Office Furniture and Equipment - Smart Meter Comp. Equip. | 5 | sQ | 2.89 | 42.02\% | 2,915,109 | 1,647,787 | 1,267,322 | 532,466 |
| 393 | Stores Equipment | 15 | sQ | 11.32 | 9.27\% | 46,470 | 2,948 | 43,522 | 4,035 |
| 394 | Tools, Shop, Garage Equipment | 15 | sQ | 9.99 | 9.74\% | 32,073,779 | 8,989,047 | 23,084,732 | 2,248,356 |
| 395.1 | Laboratory Equipment - Testing | 20 | sQ | 8.58 | 12.43\% | 318,333 | 208,141 | 110,192 | 13,700 |
| 395.2 | Laboratory Equipment - Meters | 15 | sQ | 5.50 | 20.11\% | 101,382 | 68,700 | 32,682 | 6,571 |
| 397 | Communication Equipment | 20 | L3 | 15.53 | 6.59\% | 115,938,777 | 26,582,587 | 89,356,190 | 5,885,549 |
| 397.1 | Communication Equipment - Smart Meters | 15 | S2 | 10.16 | 8.63\% | 38,760,270 | 9,958,599 | 28,801,671 | 2,485,786 |
| 398 | Miscellaneous Equipment | 15 | sQ | 1.74 | 80.30\% | 865,598 | 726,118 | 139,481 | 112,007 |
|  |  |  |  |  |  | 253,644,737 | 63,541,478 | 190,103,259 | 14,965,330 |
| Electric Intangible |  |  |  |  |  |  |  |  |  |
| 303 | Software | N/A | N/A | N/A | Note 10 | 134,622,757 | 89,292,867 | 45,329,891 | 19,876,263 |
| 303 | Regulatory Initiatives/Depr Charged to Reg Asset | N/A | N/A | N/A | 0.00\% | 16,961,663 | 4,531,396 | 12,430,267 | Zero |
|  |  |  |  |  |  | 151,584,420 | 93,824,262 | 57,760,158 | 19,876,263 |

## PECO Energy Company

## Common General

Software
Regulatory Initiatives/Depr Charged to Reg Asse Structures and Improvements
Office Furniture and Equipment - Office Machines
Office Furniture and Equipment - Furnitures and Fixtures
Office Furniture and Equipment - Computers
Transportation Equipment - Automobiles
Transportation Equipment - Light Trucks
Transportation Equipment - Heavy Truck
Transportation Equipment - Tractors
Transportation Equipment - Trailers
Transportation Equipment - Other Vehicle
Transportation Equipment-Medium Truck Stores Equipmen
Tools, Shop, Garage Equipment - Construction Tool
Tools, Shop, Garage Equipment - Common Tools
Tools, Shop, Garage Equipment - Garage Equipmen
Power Operated Equipment
Communication Equipment
Miscellaneous Equipment

| N/A | N/A |
| :---: | :---: |
| N/A | N/A |
| 50 | R1 |
| 10 | SQ |
| 15 | SQ |
| 5 | SQ |
| 6 | L3 |
| 12 | L4 |
| 14 | R |
| 11 | L |
| 15 | R2 |
| 15 | R2 |
| N/A | N $/$ A |
| 15 | SQ |
| 15 | SQ |
| 15 | SQ |
| 20 |  |
| 11 | L2 |
| 20 | L3 |
| 15 |  |

Note 10
$0.00 \%$
$2.66 \%$
$40.99 \%$
$7.17 \%$
$31.70 \%$
$58.23 \%$
$12.34 \%$
$10.66 \%$
$29.63 \%$
$10.54 \%$
$13.66 \%$
$2.41 \%$
$8.30 \%$
$20.11 \%$
$10.29 \%$
$11.01 \%$
$37.61 \%$
$10.51 \%$
$13.78 \%$

| $226,115,529$ | $180,054,329$ | $46,061,199$ | $16,412,986$ |
| ---: | ---: | ---: | ---: |
| 190,679 | 115,996 | 74,683 | Zero |
| $271,950,717$ | $75,887,587$ | $196,063,130$ | $5,216,014$ |
| 124,606 | 69,712 | 54,895 | 22,502 |
| $15,436,121$ | $4,846,265$ | $10,589,856$ | 759,480 |
| $28,566,526$ | $10,280,665$ | $18,285,861$ | $5,796,202$ |
| 93,641 | 92,683 | 958 | 558 |
| $31,551,732$ | $14,085,642$ | $17,466,089$ | $2,155,912$ |
| $75,251,945$ | $30,514,201$ | $44,737,744$ | $4,766,952$ |
| 279,351 | 282,605 | $(3,255)$ | 964 |
| $4,549,639$ | $2,154,027$ | $2,395,612$ | 252,548 |
| $5,071,551$ | $3,639,343$ | $1,432,208$ | 195,694 |
| $4,348,813$ | 102,501 | $4,246,312$ | 102,501 |
| $1,253,293$ | 207,643 | $1,045,650$ | 86,741 |
| 11,617 | $142,829)$ | 54,446 | 10,947 |
| 78,687 | 27,422 | 51,265 | 5,276 |
| $2,499,657$ | $1,383,777$ | $1,115,879$ | 122,858 |
| 185,066 | 179,897 | 5,170 | 1,944 |
| $32,006,547$ | $15,508,096$ | $16,498,451$ | $1,733,522$ |
| $1,679,306$ | 848,595 | 830,710 | 114,463 |
| $\mathbf{7 0 1 , 2 4 5 , 0 2 3}$ | $\mathbf{3 4 0 , 2 3 8 , 1 6 0}$ | $\mathbf{3 6 1 , 0 0 6 , 8 6 3}$ | $\mathbf{3 7 , 7 5 8 , 0 6 4}$ |

1 Columns (A), (B), (C) and (D) are fixed and cannot be changed absent Commission approval or acceptance. The depreciation expense is calculated separately for each row.
2 Column ( E ) is the remaining life of the assets in the account for each vintage (amount of plant added in each year is a vintage) weighted by the gross plant balance of each account or subaccount. The remaining life for each vintage is equal to the area under the Mortality Curve specified in Columns (C) and (D) using a half year convention for the first year placed in service. The weighted remaining life is calculated once a year at the beginning of the year.
3 Column (F) is equal to Column (J) / Column (I).
4 Column (G) is the depreciable amount of gross plant investment reported in the annual FERC Form No. 1 filing on pages 207 (Electric) and 356 (Common) by account or subaccount. Column (H) is the accumulated depreciation by account or subaccount 5 Column (I) is the end of year depreciable net plant in the account or subaccount.
6 Column (J) is equal to depreciation expense as reported in the annual FERC Form No. 1 filing on page 336 (Electric). Annual depreciation expense is determined by multiplying the beginning of the month net plant balance plus additions (using a half month convention for the first month placed in service) by the remaining life rate divided by 12 for each month.
 years.
years.
9 The depreciation expense associated with Asset Retirement Obligations (booked to accounts 359.1 and 399.1 ) are not included in the tables above.
10 The amortization rates for Account 303 are weighted based on the relative amount of underlying plant booked to the accounts. The life of each software or other intangible plant will be estimated at the time the plant is placed into service, and will not change over the life of the plant absent Commission approval or acceptance. The combined amortization expense for all intangible plant shall be the sum of each individual plant balance amortized over the life of each individual plant established in this manner.
11 The depreciation expenses related to Common General reflect both gas and electric common plant. The depreciation expenses associated with Transportation Equipment, Garage Equipment and Power Operated Tools are excluded from Account 403 and directly assigned to the functional $0 \& M$ and capital accounts based on use

Appendix 3
Formula Reference Changes

## PECO Energy Company <br> Formula Reference Changes

| Tab | Line | Column | Change |
| :--- | :--- | :--- | :--- |
| 3-Project True-Up | 2 | E | Amount does not reflect pages 328-330 <br> of the FERC Form No 1, but instead the <br> total amount of revenue PECO received <br> for the 2017 time period that the <br> formula rate was in effect (December 1- <br> 31, 2017). |
| 5-P3 Support | 2 | c | Reference to 263.22.i changed to <br> 263.18.i |
| 5-P3 Support | 2 | e | Reference to 263.1.6.i \& 263.20.i <br> changed to 263.35.i \& 263.16.i |
| 5-P3 Support | 2 | f | Reference to 263.16.i changed to <br> 263.12.i |
| 5-P3 Support | 2 | g | Reference to 263.1.2.i \& 263.9.i <br> changed to 263.33.i |
| 5-P3 Support | 2 | h | Reference to 263.24.i changed to <br> 263.20.i |

Appendix 4
2018 Annual Depreciation Report

## PECO ENERGY COMPANY

## 2018 ANNUAL DEPRECIATION REPORT

PECO Energy Company
2018 Annual Depreciation Report Executive Summary

## Depreciation Methods

The depreciation methods utilized in the 2018 Annual Depreciation Report are consistent with those utilized in the 2017 Annual Depreciation Report. Such methods are as follows:

Electric and Common Plant - The Company uses the straight-line method, remaining life technique, average service life group procedure for electric and common plant which is consistent with accepted Pennsylvania Public Utility Commission (PAPUC) practices.

The lowa curves for the Electric Distribution, Transmission, General, and Common accounts that are the basis of the Company's depreciation calculations were developed in the 2013 Service Life Study and filed in March 2015 in accordance with Section 73.5 of the Public Utility Code.

Gas Plant - The remaining life method of depreciation is also used for gas plant. The life span procedure is applied to the city gate station facilities, the propane air plant at Tilghman Street, and the liquefied natural gas storage (LNG) plant at West Conshohocken. The average service life group procedure is applied to all other gas plant. The terminal dates and the lowa curves were developed in the 2013 Service Life Study and filed in March 2015 in accordance with Section 73.5 of the Public Utility Code.

## Net Negative Salvage Methodology

The remaining life technique of depreciation incorporates the recovery of net negative salvage through the depreciation accrual without any additional adjustments. Basically, depreciation expense is calculated by taking the value of plant in service less the book reserve, divided by the remaining life. Since salvage and removal cost are part of the book reserve, the unrecovered net negative salvage is recovered over the remaining life of the plant. This treatment was reviewed and found acceptable by the PAPUC in the Company's most recent electric and gas rate proceedings, R-2015-2468981 and R-2010-2161592, respectively.

## Depreciation Expense Comparison

Attachments A, B, and C provide a comparison of 2017, 2016, and 2015 depreciation expense by class of service, functional grouping, and plant account.

## Attachment A - Electric Plant Depreciation Expense

The change in electric plant depreciation between 2017 and 2016 is primarily due to additions to plant in service. The change between 2016 and 2015 is due to a reclassification of depreciation expense on regulatory assets from the 404 Amortization of Utility Plant account to the 407.3 Regulatory Debits account. In 2015 the expense was charged to the 404 Amortization of Utility Plant account.

## Attachment B-Gas Plant Depreciation Expense

The change in gas plant depreciation between 2017 and 2016 is primarily due to additions to plant in service.

## Attachment C-Common Plant Depreciation Expense

The change in common plant depreciation between 2017 and 2016 is primarily due to software additions to plant in service during the year.

## Information Provided on CD-ROM

The following summary and detail data are provided on CD-ROM:

1. Electric and Gas functional group summaries, including respective allocated common.
2. Calculation of the factors used in 2017 to allocate common plant.
3. Additional data for PECO by Functional Class and FERC Account showing year-end plant in service, current year accrual, year-end reserve and net plant.
4. Book life by FERC Account.

Appendix 4


Appendix 4



## Comparative Analysis of Electric Utilities <br> Year Ending 12-31-2017 PECO Energy Company ADR 110550

| INTANGIBLE PLANT |  |  | 2017 | 2016 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Original Cost (Depreciable) | A |  | 151,584,420 | 128,214,346 | 101,806,620 |
| Book Accrued Depreciation | B |  | 93,824,261 | 76,419,687 | 58,200,240 |
| Book Reserve \% of O.C. | C | $=B / A$ | 61.90\% | 59.60\% | 57.17\% |
| Original Cost Depreciated | D | = A-B | 57,760,159 | 51,794,659 | 43,606,380 |
| Annual Depreciation Expense | E |  | 19,876,263 | 18,198,653 | 30,270,000 |
| Annual \% of O. C. |  | = E/A | 13.11\% | 14.19\% | 29.73\% |

TRANSMISSION PLANT

| Original Cost (Depreciable) | G |  | 1,487,211,494 | 1,395,173,474 | 1,310,387,430 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | H |  | 503,753,019 | 487,783,614 | 475,474,108 |
| Book Reserve \% of O.C. | 1 | = H/G | 33.87\% | 34.96\% | 36.29\% |
| Original Cost Depreciated | J | = G-H | 983,458,475 | 907,389,860 | 834,913,322 |
| Annual Depreciation Expense | K |  | 23,761,763 | 22,216,942 | 20,941,000 |
| Annual \% of O.C. |  | $=\mathrm{K} / \mathrm{G}$ | 1.60\% | 1.59\% | 1.60\% |




## ALLOCATED COMMON PLANT <br> (including Transportation)

| Original Cost (Depreciable) | Y |  | 553,511,064 | 516,931,630 | 481,238,615 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | Z |  | 267,919,312 | 248,937,023 | 233,259,524 |
| Book Reserve \% of O. C. | AA | = Z/Y | 48.40\% | 48.16\% | 48.47\% |
| Original Cost Depreciated | AB | $=\mathrm{Y}-\mathrm{Z}$ | 285,591,752 | 267,994,607 | 247,979,091 |
| Annual Depreciation Expense | AC |  | 29,749,587 | 26,212,219 | 25,069,242 |
| Annual \% of O. C . |  | $=A C / Y$ | 5.37\% | 5.07\% | - $5.21 \%$ |
| TOTAL COMPANY |  | $2017$ |  | $2016$ | 2015 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Original Cost (Depreciable) | AE | $=\mathbf{A}+\mathrm{G}+\mathrm{M}+\mathrm{S}+\mathrm{Y}$ | 8,424,632,989 | 8,004,014,912 | 7,609,071,816 |
| Book Accrued Depreciation | AF | $=\mathrm{B}+\mathrm{H}+\mathrm{N}+\mathrm{T}+\mathrm{Z}$ | 2,619,203,928 | 2,486,114,520 | 2,362,868,108 |
| Book Reserve \% of O.C. | AG | $=$ AF/AE | 31.09\% | 31.06\% | 2, $31.05 \%$ |
| Original Cost Depreciated | AH | = AE-AF | 5,805,429,060 | 5,517,900,393 | 5,246,203,708 |
| Annual Depreciation Expense | Al | $E+K+Q+W+A C$ | 215,699,231 | 202,805,518 | 212,060,242 |
| Annual \% of O. C. |  | = Al/AE | 2.56\% | 2.53\% | 2.79\% |

## NON-DEPRECIABLE PLANT

| Land and Land Rights - Electric | AK |  | 103,749,415 | 103,529,085 | 102,865,866 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Land and Land Rights - Allocated Common | $\begin{aligned} & \mathrm{AJ} \\ & \mathrm{X} \\ & \mathrm{R} \end{aligned}$ |  | 5,344,370 | 5,317,569 | 5,263,732 |
| Intangible Property - Electric |  |  | 162,934 | 162,934 | 162,934 |
| Intangible Property - Allocated Common |  |  | 533,515 | 528,369 | 523,020 |
| Total Non-Depreciable Plant | AL | $=A K+A J+X+R \quad 109,790,234$ |  | 109,537,957 | 108,815,552 |

## $\square$ Plant Held for Future Use

| Plant Held for Future Use - Electric | L |  | 6,964,858 | 6,950,728 | 6,767,053 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Plant Held for Future Use - Allocated Common | F |  | 0 | 0 | 0 |
| Total Plant Held for Future Use | AM | $=L+F$ | 6,964,858 | 6,950,728 | 6,767,053 |

## Comparative Analysis of Gas Utilities <br> Year Ending 12-31-2017 <br> PECO Energy Company ADR 122300

| [INTANGIBLE PLANT |  |  | 2017 | 2016 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Original Cost (Depreciable) | A |  | 15,727,137 | 13,158,843 |  |
| Book Accrued Daprecialion | B |  | - $9,069,606$ | $\frac{13,158,843}{6,110,192}$ | 9,760,256 <br> $, 889,412$ |
| Book Rasarva \% of O.C. | c | $=\mathrm{B} / \mathrm{A}$ | 9, $57.67 \%$ | $\frac{6,160.43 \%}{46}$ | 3,889,412 |
| Original Cost Depreciated | D | $=\mathrm{A}-\mathrm{B}$ | 6,657,531 | 7 7,048,650 | 5,870,844 |
| Annual Dapracialion Expense <br> Annual \%oio. | E |  | 3,214,102 | 1,947,540 | 1,565,211 |
| Annual \% of O.C. |  | =E/A | 20.44\% | 14.80\% | 16.04\% |

## PRODUCTION PLANT

| Original Cost (Depreclable) | F |  | 15,652,508 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | G |  | 12,486,408 | 15,899,476 | 15,174,244 |
| Book Resarve \% of O.C. | H | = G/F | 79.77\% | 72, 77.11\% | 12,052,387 |
| Origlnal Cost Depreclated | 1 | = F-G | 3,166,100 | 3,638,750 | 3,121,857 |
| Annual Depreciation Expense | $J$ |  | 225,682 | 208,339 | 212,028 |
| Annual \% of O.C. |  | = $\mathrm{J} / \mathrm{F}$ | 1.44\% | 1.31\% | 1.40\% |

## STORAGE PLANT

| Original Cost (Depreciable) | K |  | 51,586,433 | 49,372,996 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | L |  | 28,173,844 | 49,372,996 | 40,260,447 |
| Book Reserve \% of O. C. | M | = L/ K | 28,17,64\% | 26,999,986 | 26,129,833 |
| Original Cost Depreciated | $N$ | = K-L | 23,392,589 | 22,373,010 | 64.90\% |
| Annual Depreciation Expense | 0 |  | 1,669,823 | 22,3,003,396 | 14,130,614 |
| Annual \% of O.C. |  | = O/K | 3.24\% | 1,03,396 | 913,825 |

## DISTAIBUTION PLANT

| Original Cost (Depraciable) | P |  | 2,395,419,985 | 2,247,909,439 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | 0 |  | 6, $697,466,200$ | 6,24, 440,885 | 2,119,895,644 |
| Book Reserve \% of O. C. | 5 | = O/P | 297,466,12\% | 672,440,885 | 647,473,823 |
| Original Cost Depreciated | $T$ | $=\mathrm{P}-\mathrm{Q}$ | 1,697,953,785 | 1,575,468,554 | 1,472,421,820 |
| Annual Depreciation Expense | U |  | 40,813,477 | 38,196,610 | 1, 37,160,127 |
| Annual \% of O.C. |  | I U/P | 1.70\% | -1.70\% | -1.75\% |

## GENERAL PLANT

| Original Cost (Depreciable) | V |  | 21,550,945 | 17,820,991 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | W |  | 81,550,945 | 17,820,991 | 16,463,515 |
| Book Reserve \% of O. C. | X | = W | 8,973,797 | 7,732,101 | 6,928,967 |
| Original Cost Daprociatad | Y | $=\mathrm{V}-\mathrm{W}$ | 12,577,148 | 10,088,890 | 9,534.548 |
| Annual Depreciation Expense | Z |  | 1,540,951 | 1,036,098 | 1,1,065,415 |
| Annual \% of O.C. |  | $=Z \mathbf{V}$ | 7.15\% | 5.81\% | 6.47\% |

## ALLOCATED COMMON PLANT

| Original Cost (Depreciable) | AA |  | 149,003,296 | 145,546,430 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Book Accrued Depreciation | AB |  | 72,122,967 | 145,546,430 | 141,804,646 |
| Book Reserve \% of O. C. | AC | - AB/AA | 72,122,967 | 70,090,304 | 68,733,645 |
| Original Cost Depreciatad | AD | $=A A-A B$ | 76,880,328 | 75,456,126 | 73,071,001 |
| Annual Depreciation Expense | AE |  | 8,008,488 | 7,380,270 | 7,387,053 |
| Annual \% of O.C. |  | \# AE/AA | 5.37\% | 7, 5.07\% | 7,387\% |


| TOTAL COMPANY |  |  | 2017 | 2018 | 2015 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Original Cost (Depreciable) | AF | $=A+F+K+P+V+A A$ | 2,648,920,304 |  |  |
| Book Accrued Depreclation | AG | $=B+G+L+C+W+A B$ | 2,648,920,304 | 2,489,708,174 | 2,343,358,752 |
| Book Reserve \% of O.C. | AH | $=A C / A F$ | -31.27\% | 735,631,195 | 765,208,068 |
| Orighal Cost Dopreciated | AI | = AF-AG | 1,820,627,482 | 1,694,073,980 | 1,578,150,684 |
| Annual Depreciation Expense | AN | $=E+J+O+U+Z+A E$ | 55,472,522 | 49,772,253 | 48,303,658 |
| Annual \% of O. C. |  | $=\mathrm{AJ} / \mathrm{AF}$ | 2.09\% | 2.00\% | 2.06\% |


| NON-DEPRECIABLE PLANT |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Land and Land Rights - Gas | AK |  | 3,598,281 | 3,913,478 | 3,800,085 |
| Land and Land Rights - Common | AL |  | 1,438,686 | 1,497,206 | 1,551,043 |
| Intangible Property - Gas | AM |  | 50,033 | 50,033 | 1,50,033 |
| Intangible Property - Common | AN |  | 143,621 | 148,767 | 154,116 |
| Total Non-Depreclable Plant | AO | $=A K+A L+A M+A N$ | 5,230,621 | 5,609,483 | 5,565,277 |

## Plant Held for Future Use

| Plant Held for Future Use - Gas |  |  | - |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Plant Heid for Future Use - Allocated Common | AP |  | - | - | - |
| Total plant Held for Future Use | AQ | - AP | - | - |  |


| TOTAL PLANT IN SERVICE | $\square A F+A O+A Q$ | $2,654,150,925$ | $2,485,317,658$ | $2,348,914,029$ |
| :---: | :---: | ---: | ---: | ---: |

Development of Factors for Allocation of Common Plant - 2017
Data as of December 31, 2016

|  |  | [A] <br> Plant in Service <br> © 12/31/2016 |  |  | [B] tal Revenue D Dec 2016 | [C] <br> Total Customers Month-end Dec 16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Electric |  | \$ | 7,590,779,745 | \$ | 2,469,277,946 | 1,619,646 |
| Gas |  |  | 2,348,125,255 |  | 463,380,763 | 517,065 |
|  | Subtotal | \$ | 9,938,905,001 | \$ | 2,932,658,709 | 2,136,711 |
| Common |  |  | 669,965,526 |  |  |  |
|  | Total | \$ | 10,608,870,527 | \$ | 2,932,658,709 | 2,136,711 |


| Allocation Factors: | Plant in Service | Total Revenue | Total Customers | $\mathbf{2 0 1 7}$ |
| :--- | ---: | ---: | ---: | ---: |
| Electric | $76.37 \%$ | $84.20 \%$ | $75.80 \%$ | $\mathbf{7 8 . 7 9 \%}$ |
| Gas | $23.63 \%$ | $15.80 \%$ | $24.20 \%$ | $\mathbf{2 1 . 2 1 \%}$ |
| Total | $100.00 \%$ | $100.00 \%$ | $100.00 \%$ | $\mathbf{1 0 0 . 0 0 \%}$ |

PECO Energy Company

| Nat Plant as of Docamber 31, 2017 |
| :--- |
| TYPE Plant Category |


| TYPE | Plant Category | FERC ACCT | Acet Description | Asset Balanco at | Loss: Non | Deprociable Assat | Roseno - 123 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

COMMON PLANT GRANDTOTAL.

| COMMON |  |
| :--- | :---: |
| COMMON | General Plant |
|  | General Plant |
| COMMON | General Plant |
|  | GOMMON |
| COMMON | General Plant |
|  | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |
| COMMON | General Plant |



Communication Equipment

COMUON PLANT GRAND TOTAL






## PECO Energy Company

Non-Depreciable Plant as of December 31, 2017

| Description | Utility Account | Common | Electric | Gas | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Utility Intangible Acct | 301 | 677,136 |  |  | 677,136 |
| Utility Intangible Acct | 302 |  | 162,934 | 50,033 | 212,967 |
| Utility Land Acct | 350 |  | 59,802,368 |  | 59,802,368 |
| Utility Land Acct | 360 |  | 42,883,588 | 15,923 | 42,899,511 |
| Utility Land Acct | 374 |  |  | 3,582,359 | 4,582,359 |
| Utility Land Acct | 389 | 6,783,056 | 1,063,459 | 3,682,350 | 7,846,515 |
|  | Grand Total | 7,460,192 | 103,912,349 | 3,648,314 | 115,020,855 |


| PECO Energy Company |  |  |  |
| :---: | :---: | :---: | :---: |
| Book Life (Average Service Life) by FERC Account |  |  |  |
| Product | FERC | Life(Yrs) |  |
| Electric | 303 |  | 5 |
| Electric | 352 | 50 | 0 |
| Electric | 353 | 57 | 7 |
| Electric | 354 | 65 | 5 |
| Electric | 355 | 65 | 5 |
| Electric | 356 | 60 | 0 |
| Electric | 357 | 65 | 5 |
| Electric | 358 | 60 | 0 |
| Electric | 359 | 50 | 0 |
| Electric | 361 | 50 |  |
| Electric | 362 | 50 |  |
| Electric | 364 | 53 |  |
| Electric | 365 | 52 |  |
| Elactric | 366 | 65 |  |
| Electric | 367 | 53 |  |
| Electric | 368 | 46 |  |
| Electric | 3691 | 50 |  |
| Electric | 3692 | 53 |  |
| Electric | 370 | 35 |  |
| Electric | 3705 | 15 |  |
| Electric | 3706 | 15 |  |
| Electric | 3707 | 15 |  |
| Electric | 3708 | 15 |  |
| Electric | 3709 | 15 |  |
| Electric | 371 | 35 |  |
| Electric | 3711 | 15 |  |
| Electric | 3730 | 24 |  |
| Electric | 3731 | 24 |  |
| Electric | 3732 | 24 |  |
| Electric | 3733 | 24 |  |
| Electric | 390 | 40 |  |
| Electric | 3911 | 10 |  |
| Electric | 3912 | 15 |  |
| Electric | 3913 | 5 |  |
| Electric | 393 | 15 |  |
| Electric | 394 | 15 |  |
| Electric | 3951 | 20 |  |
| lectric | 3952 | 15 |  |
| Electric | 397 | 20 |  |
| lectric | 398 | 15 |  |
| Gas | 303 | 5 |  |
| Gas | 305 | 2032 T | Terminal End date used to develop rate |
| Gas | 311 | 2032 T | Terminal End date used to develop rate |
| Gas | 361 | 2032 T | Terminal End date used to develop rate |
| Gas | 362 | 2032 T | Terminal End date used to develop rate |
| Sas | 363 | 2031 T | Terminal End date used to develop rate |




[^0]:    ${ }^{1}$ On June 26, 2017 (with an errata issued on June 27, 2017), the Commission issued a delegated letter order accepting and suspending PECO's Formula Rate and Protocols, subject to refund, with an effective date of December 1, 2017.
    ${ }^{2}$ See PJM Tariff, Attachment H-7C, Section §§ II.B-C.

[^1]:    1. AISTIT Tems reateded only to Non:Electric Operations le.g, © Gas, Water, Sewer) or Production are directly assigned to Column 2. ADIT tems reated only to Transmission are directly asigigned to Column
    2. ADIT items realated to P Pant other than general plant intangille plant or common plant and not in Columns $\mathrm{C} \& \mathrm{D}$ are included in Column E
    3. Deferere income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving ise to the ADIT is not included in the formula,
    the associated ADIT amounts shall be exclududed
