## Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC

Line $\frac{\text { No. }}{1}$ GROSS REVENUE REQUIREMENT, without incentives REVENUE CREDITS Account No. 454
Accounts 456.0 and 456.1
Revenues from Grandfathered Interzonal Transactions
Revenues from Grandfathered Interzonal Transactions
Revenues from service provided by the ISO at a discount Revenues from service provided by the ISO at a discount
TOTAL REVENUE CREDITS

Prior Period Adjustments
True-up Adjustment with Interest
Facility Credits under Section 30.9 of the PJM OATT
NET ANNUAL TRANSMISSION REVENUE REQUIREMENT
(2)

Source

## (page 3, line 49)

(Note A)
(page 4 , line 20
(page 4, line 21
Note B)
(Sum of Lines 2 through 5)
Attachment 11
Attachment 3, line 9, Col. G+H
Attachment 13
( Line 1 less line 6 plus lines 7,8, and 9 )
(3)
(4)


| Allocator |  |  |  |
| :--- | :---: | :---: | :---: |
| TP | 1.0000 |  | - |
| TP | 1.0000 |  | - |
| TP | 1.0000 |  | - |
|  | 1.0000 |  | - |
|  |  |  | - |
| DA | 1.0000 |  | $(938,237)$ |
| DA | 1.0000 |  | - |
| DA | 1.0000 |  |  |
|  |  | $\$$ |  |
|  |  |  |  | Utilizing FERC Form 1 Data

## (1)

## RATE BASE: (Note R)

 GROSS PLANT IN SERVICE ProductionDistribution
General \& Intangible
TOTAL GROSS PLAN
ACCUMULATED DEPRECIATION

## Production

Transmission
Distribution
General \& Intangible
General \& Intangible
12 NET PLANT IN SERVICE
3 Production
Transmission
General \& Intangible
TOTAL NET PLANT
18 ADJUSTMENTS TO RATE BASE Account No. 281 (enter negative) Account No. 282 (enter negative) Account No. 283 (enter negative) Account No. 190
Account No. 255 (enter negative) Unfunded Reserves (enter negative) CWIP Unamortized Regulatory Asset Unamortized Abandoned Plan TOTAL ADJUSTMENTS
29 LAND HELD FOR FUTURE USE
30 WORKING CAPITAL
Cash Working Capital
33 Prepayments (Account 165)
34 TOTAL WORKING CAPITAL
35 RATE BASE
(2)

Source
(3)

Company Tota
Allocato

Note C
205.46.g for end of year, records for other months Attachment 4, Line 14, Col. (b)
207.75.g for end of year, records for other months Attachment 4, Line 14, Col. (c)
Sum of Lines 1 through 4)
Note C
219.20-24.c for end of year, records for other months Attachment 4, Line 14, Col. (h)
219.26.c for end of year, records for other months Attachment 4, Line 14, Col. (i) (Sum of Lines 7 through 10)
(line 1-line 7)
(line $2-$ line 8$)$
$($ line $3-$ line 9)
(line 3 - line 9)
( Sum of line 5 - line 11)

Attachment 4, Line 28, Col. (d) (Note D Attachment 4, Line 28, Col. (e) (Note D) Attachment 4, Line 28, Col. (f) (Note D) Attachment 4, Line 28, Col. (h) (Note D) Attachment 4, Line 28, Col. (h)
Attachment 4, Line 14, Col. (d) (Note W)
Attachment 4, Line 28, Col. (b) (Note E)
Attachment 4, Line 28, Col. (c) (Note F)
( Sum of line 19 - line 27)
Attachment 4, Line 14, Col. (e) (Note G)

## Note H

$1 / 8^{*}$ (Page 3, Line 17 minus Page 3, Line 14)
Attachment 4, Line 14, Col. (f)
Attachment 4, Line 14, Col.
(Sum of line 31 - line 33)
( Sum of line 17, 28, 29, 34)

For the 12 months ended 12/31/2020
(5)

Transmission
(Col 3 times Col 4)

| - |  |
| :---: | :---: |
| 1.0000 | - |
| - | - |
| 1.0000 | $-\overline{1}$ |
| 1.0000 | 61,595 |
|  | 61,595 |
| - |  |
| 1.0000 | - |
| $-\overline{0}$ | - |
| 1.0000 | 42,658 |
|  | 42,658 |

42,658

(45,696)
(21,605
$52,513,868$
395,590
$\stackrel{-}{-}$


|  | (1) | (2) | (3) | Allocator ${ }^{(4)}$ |  | (5) Transmission (Col 3 times Col 4) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line |  | Source | Company Total |  |  |  |
|  | O\&M |  |  |  |  |  |
| 1 | Transmission | 321.112.b | 401,392 | TP | 1.0000 | 401,392 |
| 2 | Less Account 566 (Misc Trans Expense) | 321.97.b | 158,236 | TP | 1.0000 | 158,236 |
| 3 | Less Account 565 | 321.96.b |  | TP | 1.0000 | - |
| 4 | A\&G | 323.197.b | 294,284 | W/S | 1.0000 | 294,284 |
| 5 | Less FERC Annual Fees | 350.h (Note I) | - | W/S | 1.0000 | - |
| 6 | Less EPRI Dues | Note J | - | w/s | 1.0000 | - |
| 7 | Less Reg. Commission Expense Account 928 | Note J | - | W/S | 1.0000 | - |
| 8 | Less: Non-safety Advertising account 930.1 | Note J | - | W/S | 1.0000 |  |
| 9 | Less Actual PBOP Expense in Year | Attachment 7, Line 10, Col. (c) | - | W/S | 1.0000 | - |
| 10 | Plus Transmission Related Reg. Comm. Exp. | Note K | - | TP | 1.0000 | - |
| 11 | Plus PBOP Expense Allowed Amount | Attachment 7, Line 8, Col. (c) | $(6,820)$ | W/S | 1.0000 | $(6,820)$ |
| 12 | Plus Transmission Lease Payments in Acct 565 | Note V | - | DA | 1.0000 | - |
| 13 | Account 566 |  |  |  |  |  |
| 14 | Amortization of Regulatory Asset | Note E | 158,236 | DA | 1.0000 | 158,236 |
| 15 | Misc. Transmission Expense (less amort. of regulatory asset) | 321.97b less line 14 | - | TP | 1.0000 | - |
| 16 | Total Account 566 | ( Sum of line 14 - line 15)" Ties to 321.97b | 158,236 |  |  | 158,236 |
| 17 | TOTAL O\&M | (Sum of Lines 1, 4, 10, 11, 12, 16 less Lines 2, 3, 5-9) | 688,856 |  |  | 688,856 |
| 18 | DEPRECIATION EXPENSE | Note C |  |  |  |  |
| 19 | Transmission | 336.7.b\&d | - | TP | 1.0000 | - |
| 20 | General \& Intangible | 336.10.b\&d, 336.1.b\&d | 89,118 | W/S | 1.0000 | 89,118 |
| 21 | Amortization of Abandoned Plant | Note F | - | DA | 1.0000 | - |
| 22 | TOTAL DEPRECIATION | ( Sum of line 19 - line 21) | 89,118 |  |  | 89,118 |
| 23 | TAXES OTHER THAN INCOME TAXES (Note M) |  |  |  |  |  |
| 24 | LABOR RELATED |  |  |  |  |  |
| 25 | Payroll | 263.i | - | w/s | 1.0000 | - |
| 26 | Highway and vehicle | 263.i | - | W/S | 1.0000 | - |
| 27 | PLANT RELATED |  |  |  |  |  |
| 28 | Property | 263.i | - | GP | 1.0000 | - |
| 29 | Gross Receipts | 263.i | - | NA | zero | - |
| 30 | Other | 263.i | - | GP | 1.0000 | - |
| 31 | Payments in lieu of taxes | 263.i | - | GP | 1.0000 | - |
| 32 | TOTAL OTHER TAXES | ( Sum of line 25 -line 31) | - |  |  | - |
| 33 | INCOME TAXES (Note N) | Note N |  |  |  |  |
| 34 | $\mathrm{T}=1-\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT}) \mathrm{/} \text { ( } 1-\mathrm{SIT} * \mathrm{FIT} * \mathrm{P})\}^{*}(1-\mathrm{TEP})$ |  | 28.89\% |  |  |  |
| 35 | $\mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$ | WCLTD $=$ Page 4, Line 15, R = Page 4, Line 18 | 33.19\% |  |  |  |
| 36 | FIT \& SIT \& P |  |  |  |  |  |
| 37 ( |  |  |  |  |  |  |
| 38 | $1 /(1-\mathrm{T})=($ from line 34$)$ | 1/(1-T), T from Line 34 | 140.63\% |  |  |  |
| 39 | Amortized Investment Tax Credit | 266.8 f (enter negative) | - |  |  |  |
| 40 | Excess / (Deficit) Deferred Income Taxes | Company Books and Records - Note O | - |  |  |  |
| 41 | Tax Effect of Permanent Differences | Company Books and Records - Note O | - |  |  |  |
| 42 | Income Tax Calculation | (Line 35 times Line 48) | 1,338,269 | NA |  | 1,338,269 |
| 43 | ITC adjustment | (Line 38 times Line 39) | - | NP | 1.00000 | - |
| 44 | Excess / (Deficit) Deferred Income Tax Adjustment | (Line 38 times Line 40) | - | NP | 1.00000 | - |
| 45 | Permanent Differences Tax Adjustment | (Line 38 times Line 41) | - | NP | 1.00000 | - |
| 46 | Total Income Taxes | ( Sum of line 42 - line 45) | 1,338,269 |  |  | 1,338,269 |
| 47 | RETURN |  |  |  |  |  |
| 48 | Rate Base times Return | (Page 2, line 35 times Page 4, Line 18) | 4,031,593 | NA |  | 4,031,593 |
| 49 | GROSS REVENUE REQUIREMENT | ( Sum of line 17,22, 32, 46, 48) | 6,147,836 |  |  | 6,147,836 |

Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC

## \&M

(2)
(3)

Source
Company Total
Allocator

For the 12 months ended 12/31/2020

Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC
(1)
(2)
(3)

## SUPPORTING CALCULATIONS AND NOTE

(Page 2, Line 2, Column 3) (Note P)

| Less Transmission plant included in OATT Ancillary Service rates | (Note S) |
| :--- | :--- |
| Transmission plant included in ISO rates | (Line 1 minus Lines 2 \& 3) |

TRANSMISSION PLANT INCLUDED IN ISO RATE Total Transmission plant
————
Percentage of Transmission plant included in ISO Rates (Line 4 divided by Line 1 ) (ff line 1 is zero, enter 1)
WAGES \& SALARY ALLOCATOR (W\&S)

## Production

Transmission
Distribution
Other
Total (W\& S Allocator is 1 if lines 7-10 are zero)


RETURN (R)
13
14
15 Long Term Debt Preferred Stock (112.3.c) Common Stock Total
REVENUE CREDITS
20 ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY)
ACCOUNTS 456.0 AND 456.1 (OTHER ELECTRIC REVENUES) Attachment 12, line 21 (Note A)

## For the 12 months ended 12/31/2020

(4)
(5)


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

A The revenues credited on page 1 lines $2-6$ shall include revenues related to the Transmission Owner's integrated transmission facilities, including revenues for any load which is not included in the divisor used to derive the annual rate. They do not include revenues associated with FERC annual charges, gross receipts taxes, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.
B Company will not have any grandfathered agreements. Therefore, this line shall remain zero.
Plant In Service, Accumulated Depreciation, and Depreciation Expenses shall exclude Asset Retirement Obligation amounts.
D Balances in Accounts 190, 281, 282 and 283 classified in the FERC Form 1 as Electric-related, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 . Excludes ARO-related items. Balance of Account 255 will be reduced by prior flow throughs and excluded if the utility chooses to utilize amortization of tax credits against taxable income. Account 281 is not allocated to Transmission. For rate projections, the items. Balance of Account 255 will be reduced by prior flow throughs and excluded if the utility chooses to utilize amortization of tax credits against taxable income.
ADIT calculation will include a proration of accelerated tax depreciation-related deferred taxes in accordance with Section 1.167 (l)-1(h)(6)(ii) of the IRS regulations.
E Recovery of Regulatory Asset permitted only for pre-commercial and formation expenses as authorized by the Commission. Recovery of any other regulatory assets requires authorization from the Commission. A carrying charge equal to the AFUDC rate will be applied to the Regulatory Asset prior to the rate year when costs are first recovered.

F 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 submit a Section 205 filing to recover the cost of abandoned plant.
G Identified in FERC Form 1, or Company records if not so indicated on the FERC Form 1, as being transmission related.
H Cash Working Capital assigned to transmission is one-eighth of O\&M allocated to transmission at page 3 , line 15 , column 5 minus amortization of Regulatory Asset at page 3 , line 12 , column 5 . Prepayments are the electric related prepayments booked to Account No. 165 and reported on page 111, line 57 in the Form 1
I The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff. To the extent the charges are separately identified on the FERC Form 1 page 350 , column I, the line number will be added to the source in Column 2 for reference. Line item references can change from year to year. Items not specifically identified on the FERC Form 1 page 350 will be obtained from Company books and records.

J Page 3, Line 6 - Subtract all EPRI Annual Membership Dues recorded in any O\&M or A\&G account listed in Form 1 at 353 .f, all Regulatory Commission Expenses in account 928 itemized at $351 . \mathrm{h}$, and non-safety related advertising included in Account 930.1.
K Page 3, Line 8-Add back Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
M Includes only FICA, unemployment, highway, property, and other assessments charged in the current year. Taxes related to income, franchise taxes, and sales and use taxes are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere. To the extent individual types of taxes are separately identified on the FERC Form 1 page 263 , column I, the line number will be added to the source in revenue requirement in the Rate Formula Template, since they are recovered elsewhere. To the extent individual types of taxes are separately identified on the FERC Form 1 page 263, column
Column 2 for reference. Line item references can change from year to year. Items not specifically identified on the FERC Form 1 page 263 will be obtained from Company books and records.

N The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes" and TEP = "the tax exempt ownership interest". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 26). Excess Deferred Income Taxes reduce income tax expense by the amount of the expense multiplied by (T/1-T).

FIT=
SIT $=$
$p=$
TEP $=$
21.00\% (Federal Income Tax Rate)
9.99\% (State Income Tax Rate or Composite SIT)
$0.0 \%$ (percent of federal income tax deductible for state purposes)
TEP $=\quad 0.0 \%$ (percent of the tax exempt ownership)
O Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. 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 -29A that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions.
P 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).
Q The cost of debt will be determined based on the financing in place during each stage of project development. Before debt is obtained, a proxy interest rate which will be supported in the original Section 205 filing will be used. This rate is provided on Attachment 8 line 36 . If construction debt (wherein principal is drawn down over time) is issued, the rate plus an amortization of fees projected to be incurred on the construction debt during the rate year will be the cost of debt. This construction debt rate (inclusive of fees) will be reset and trued-up every year using the method on Attachment 9 for multi-year construction projects. Once non-construction debt is obtained, the actual interest rate and fees on the debt in place at the end of the year such non-construction debt is obtained will become the cost of debt. In the first full year after non-construction debt is obtained, the cost of debt will be the actual cost of debt determined using the method on Attachment 5
A hypothetical capital structure of $60 \%$ equity and $40 \%$ debt will be used until the first transmission asset is placed in service, or until otherwise authorized by the Commission, subject to any project-specific limitations refelcted on
R $\quad \begin{aligned} & \text { Attarhment } 1 \text { Prniert Revenin R Rnnirement Workcheot } \\ & \text { Calculate rate base using } 13 \text { month average balance, except ADIT which is calculated based on the average of the beginning of the year and the end of the year balances. }\end{aligned}$
S Removes dollar amount of transmission plant to be included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
T ROE will be supported in the original Section 205 filing and no change in ROE may be made absent a filing with FERC.
U Includes only income related to transmission facilities, such as pole attachments, rentals and special use from general ledger.
V Add back any lease expense of transmission assets used to provide service under this tariff included in account 565 . Amount to be obtained from company books and records.
W Recovery of CWIP in rate base must be approved by FERC. Attachment 4 provides a reconciliation of the Company's total CWIP to the CWIP allowed in rate base. The annual report filed pursuant to the Protocols will include for each project under construction (i) the CWIP balance eligible for inclusion in rate base; (ii) the CWIP balance ineligible for inclusion in rate base; and (iii) a demonstration that AFUDC is only applied to the CWIP balance that is not included in rate base. The annual report will also describe the reconciliation prepared on Attachment 4.

## Attachment 1

Project Revenue Requirement Worksheet
Transource Pennsylvania, LLC

To be completed in conjunction with Attachment H-29A.

## (1)

1 Gross Transmission Plant plus CWIP

3 Total O\&M Allocated to Transmission

TAXES OTHER THAN INCOME TAXES
Total Other Taxes
Annual Allocation Factor for Other Taxes
Less Revenue Credits
Annual Allocation Factor for Revenue Credits
Annual Allocation Factor for Expense
INCOME TAXES
Total Income Taxes
13 Annual Allocation Factor for Income Taxes

## RETURN

Return on Rate Base
Annual Allocation Factor for Return on Rate Base

## (2) <br> Attachment H-29A

Attach H-29A, p 2, line 2 col 5 plus line 25 col 5 (Note A) Attach H-29A, p 2, line 14 col 5 plus line 25 \& 27 col 5 (Note I

Attach H-29A, p 3, line 17 col. 5, less line 14 col. 5 (line 3 divided by line 1 col 3)

Attach H-29A, p 3, line 20, col 5 (Note C) (line 5 divided by line 1 col 3)

Attach H-29A, p 3, line 32 col 5 (line 7 divided by line 1 col 3 )

Attach H-29A, p 1, line 6 col 5 (line 9 divided by line 1 col 3)

Sum of line 4, 6, 8, and 10
Attach H-29A, p 3, line 46 col 5 (line 12 divided by line 2 col 3)

Attach H -29A, p 3, line 48 col 5 (line 14 divided by line 2 col 3)

Sum of line 13 and 15

52,513,868
(3)

Transmission 52,513,868

688,856
1.31\%

89,118
0.17\%
0.00\%
0.00\%

1,338,269
2.55\%

4,031,593
7.68\%
0.00\%
0.00\%
1.48\%
2.55\%
7.68\%

## Project Revenue Requirement Worksheet

Transource Pennsylvania, LLC

This worksheet is used to compute project specific revenue requirements for any projects for which such calculation is required by PJM. This will generally include projects with specific incentives or competitive concessions, or projects with regional cost allocation in PJM. Projects will be listed as either Schedule 12, Zonal, or other category defined by PJM. Other projects which comprise the
remaining revenue requirement on Attachment $\mathrm{H}-29 \mathrm{~A}$ will not be entered on this whedule. remaining revenue requirement on Attachment H -29A will not be entered on this schedule.
Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.

|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { Line } \\ \text { No. } \\ \hline \end{gathered}$ | Project Name PJM Category | RTEP Project Number Or Other Identifier | Project Gross Plant | Annual <br> Allocation <br> Factor for <br> Expense | Annual Expense Charge | $\begin{gathered} \text { Project Net } \\ \text { Plant } \\ \hline \end{gathered}$ | Annual <br> Allocation <br> Factor for <br> Return | Annual Return Charge |
|  |  |  | (Note D) | (Page 1 line 11) | (Col. 3 * Col. 4) | (Note E) | (Page 1 line <br> 16) | $\text { (Col. } 6 \text { * Col. }$ 7) |
| 1a | PJM Market Efficienc Schedule 12 | b2743.5, b2743.1, b2752.5, b2752.1 | 52,513,868 | 0.015 | 777,974 | \$ 52,513,868 | 0.102 | 5,369,862 |
| 1b |  |  | - | 0.015 | - | \$ | 0.102 | - |
| 2 | Total Schedule 12 |  | 52,513,868 |  | 777,974 | \$ 52,513,868 |  | 5,369,862 |
| 3a | Zonal |  | - | 0.015 | - | \$ | 0.102 | - |
| 3b |  |  | - | 0.015 | - | S | 0.102 | - |
| 4 | Total Zonal |  | - |  | - | \$ |  | - |
| 5 | Other |  |  |  |  |  |  |  |
| 6 | Annual Totals |  | 52,513,868 |  | 777,974 | 52,513,868 |  | 5,369,862 |

[^0]B Net Plant is that identified on page 2 line 14 of Attachment H -29A inclusive of any CWIP or unamortized Abandoned Plant included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
C General and Intangible Depreciation and Amortization Expense includes all expense not directly associated with a project, which is entered on page 3 , column 9 .
D Project Gross Plant is the total capital investment including CWIP for the project calculated from Company books and records in the same method as the gross plant value in line 1 . This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation plus CWIP in rate base, if applicable and Unamortized Abandoned Plant, if applicable.
F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment $\mathrm{H}-29 \mathrm{~A}$, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-29A, page 3 , line 21 , if applicable.
$\begin{array}{ll}\text { G } & \text { Requires approval by FERC of incentive return applicable to the specified project(s). } \\ \text { H } & \text { The Competitive Concession is a reduction in the revenue }\end{array}$
H The Competitive Concession is a reduction in the revenue requirement, if any, that the Company agreed to, for instance, in the process of being selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate. The Competitive Concession column will also be used to reflect any reduction in the revenue requirement resulting from the following provisions of the Settlement filed in Docket No. ER17-419, after such Settlement becomes effective by its terms: (i) the requirement that the Company cap the equity component of the capital structure for the competitive elements of a project in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A ("Project 9A") at $50 \%$ beginning on the incentives (including the 50 basis point RTO participation adder) for any Project 9 A costs that exceed $\$ 210$ million on the date the project is placed into service. A workpaper will be prepared supporting the amount of any applicable concession or other revenue requirement reduction reflected in this column.
I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

## Attachment 1

Attachment 1
Project Revenue Requirement Worksheet
Transource Pennsylvania, LLC

|  | (9) | (10) | (11) | (12) | (12a) | (13) | (14) | (15) | (16) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { Line } \\ & \text { No. } \end{aligned}$ | Project <br> Depreciation/Amort ization Expense | Annual Revenue Requirement | Incentive Return in Basis Points | Incentive Return | Ceiling Rate | Competitive Concession | Total Annual Revenue Requirement | True-Up <br> Adjustment | Net Revenue Requirement |
|  | (Note F) | $\begin{gathered} \begin{array}{c} \text { (Sum Col. 5, } 8 \& \\ 9) \end{array} \\ \hline \end{gathered}$ | (Note G) | (Attachment 2, Line 28 Incentive Return * Col. 6) | $\begin{gathered} \text { (Sum Col. } 10 \text { \& } \\ 12) \end{gathered}$ | (Note H) | $\begin{aligned} & \text { (Sum Col. } 10 \text { \& } \\ & 12 \text { Less Col. 13) } \\ & \hline \end{aligned}$ | (Note I) | $\begin{gathered} \text { Sum Col. } 14 \& \\ 15 \end{gathered}$ |
| 1 a | - | 6,147,836 | - | - | 6,147,836 | - | 6,147,836 | $(938,237)$ | 5,209,599 |
| 2 | - | 6,147,836 |  | - | 6,147,836 | - | 6,147,836 | $(938,237)$ | 5,209,599 |
| 3a 3 b | - | - | - | - | - | - | - | - | - |
| 4 | - | - |  | - | - | - | - | - | - |
| 5 |  |  |  |  |  |  |  |  |  |
| 6 | - | 6,147,836 |  | - | 6,147,83 | - | 6,147,836 | (938,237) | 5,209,599 |


B Net Plant is that identified on page 2 line 14 of Attachment H -29A inclusive of any CWIP or unamortized Abandoned Plant included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
C General and Intangible Depreciation and Amortization Expense includes all expense not directly associated with a project, which is entered on page 3 , column 9 .
Project Gross Plant is the total capital investment including CWIP for the project calculated from Company books and records in the same method as the gross plant value in line 1. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation plus CWIP in rate base, if applicable and Unamortized Abandoned Plant, if applicable.
F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-29A, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-29A, page 3, line 21, if applicable
G Requires approval by FERC of incentive return applicable to the specified project(s).
H The Competitive Concession is a reduction in the revenue requirement, if any, that the Company agreed to, for instance, in the process of being selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate. The Competitive Concession colum will also be used to reflect any reduction in the revenue requirement resulting from the following provisions of the Settlement filed in Docket No. ER17-419, after such Settlement becomes effective by its terms: (i) the requirement that the Company cap the equity component of the capital structure for the competitive elements of a project
in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A ("Project 9A") at $50 \%$ beginning on the earlier of (a) Project 9A's in-service date, (b) the date non-construction debt (i.e., permanent financing) is put in place, or (c) June 1, 2020; and (ii) the requirement that the Company forgo any ROE incentives (including the 50 basis point RTO participation adder) for any Project 9 A costs that exceed $\$ 210$ million on the date the project is placed into service. A workpaper will be prepared
I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

## Transource Pennsylvania, LLC

2100 Basis Point Incentive Return

3 Long Term Debt
4 Preferred Stock

5 Common Stock
6 Total (sum lines 3-5)
7100 Basis Point Incentive Return multiplied by Rate Base (line 1 * line 6)

## 8 INCOME TAXES

$9 \mathrm{~T}=1-\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT})] /(1-$ SIT $*$ FIT $* \mathrm{p})\}=*(1-\mathrm{TEP})$
$\mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$ WCLTD = Line 3 and FIT, SIT \& p are as given in Attachment H-29A footnote N. $1 /(1-\mathrm{T})=($ from line 9$)$
4 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 7 * line 10
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)

22 Return and Income Taxes with 100 basis point increase in ROE

23 Return (Attach. H-29A, page 3 line 48 col 5 )
24 Income Tax (Attach. H-29A, page 3 line 46 col 5)
5 Return and Income Taxes without 100 basis point increase in ROE
26 Incremental Return and Income Taxes for 100 basis point increase in ROE
27 Rate Base (line 1)

| Source |  |  | Cost | \$ |
| :---: | :---: | :---: | :---: | :---: |
|  | \$ | \% |  | Weighted |
|  | 34,384,615 | 40.0\% | 3.49\% | 1.40\% |
|  | - | 0.0\% | 0.00\% | 0.00\% |
| Cost $=$ Attachment $\mathrm{H}-29 \mathrm{~A}$, page 4, Line |  |  |  |  |
| 17, Cost plus 100 bp | 51,576,923 | 60.0\% | 11.40\% | 6.84\% |
|  | 85,961,538 |  |  | 8.24\% |

Attachment H-29A, Page 3, Line 39 Attachment H-29A, Page 3, Line 40 Attachment H-29A, Page 3, Line 41
0.2889
0.3374
1.4063
-

|  |  |  | $1,466,949$ |
| :---: | :---: | :---: | :---: |
| - | NP | 1.00 | - |
| - | NP | 1.00 | - |
| - | NP | 1.00 | - |
|  |  |  | $1,466,949$ |

(line 23 + line 24)
(line 22 - line 25)

## 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 ROE actual incentive must be approved by the Commission.
For example, if the Commission were to grant a 150 basis point ROE incentive, the increase in return and taxes for a 100 basis point increase in ROE would be multiplied by 1.5 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-29A that are not the result of a timing difference.
C Pursuant to the Commission-approved settlement in Docket No. ER17-419, the Company has agreed not to seek a risk-based incentive ROE for the competitive elements of a project in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A. Therefore, Attachment 2 shall not be used for PJM Market Efficiency Project 9A.


 adjustment. Interest on the true-up is computed in Column H. Any adjustments to prior period true-ups are entered in Col. I. Col. J computes the total true-up as the sum of Cols. G, H and I.

Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.


## Prior Period Adjustment

11

| A |  | B |  |
| :---: | :---: | :---: | :---: |
| Prior Period Adjustment <br> (Note 5) | Source | Adjustment <br> Amount |  |
| Description of Adjustment | Attachment 11 |  |  |

[^1]

## Reconciliation of CWIP in Rate Base to FERC Form 1 - Note B

Transource Pennsylvania, LLC

| Total CWIP <br> (a) | Less: CWIP Excluded from Rate Base (b) | Less: AFUDC Excluded from Rate Base <br> (c) | CWIP Allowed in Rate Base $(d)=(a)-(b)-(c)$ |
| :---: | :---: | :---: | :---: |
| 216.b for end of year, records for other months | Company records | Company records |  |
| 23,020,615 | 19,278 |  | 23,001,337 |
| 23,850,384 | 14,047 |  | 23,836,337 |
| 32,423,560 | 7,020 |  | 32,416,540 |
| 33,476,540 | - |  | 33,476,540 |
| 35,997,601 | - |  | 35,997,601 |
| 36,862,601 | - |  | 36,862,601 |
| 37,832,601 | - | - | 37,832,601 |
| 42,482,601 |  |  | 42,482,601 |
| 60,292,783 | - |  | 60,292,783 |
| 72,502,110 |  |  | 72,502,110 |
| 83,552,110 | - |  | 83,552,110 |
| 96,107,137 | - | - | 96,107,137 |
| 104,319,987 | - | - | 104,319,987 |
| 52,516,971 | 3,103 |  | 52,513,868 |

December Prior Yea
January
Febrary
March
April
May
June
July
August
September
October
November
December

Transource Pennsylvania, LLC
For the 12 months ended 12/31/2020

## Attachment 4a-Accumulated Deferred Income Taxes (ADIT) Workshee

 Beginning of Rate Year and Rate Year AverageA description of each item and justification for the exclusion from or allocation to the Transmission function will be listed below. Dissimilar items with amounts exceeding $\$ 100,000$ will be listed separately.

## Instructions for Account 190

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C
2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
3. ADIT items related to Plant and not in Columns $C$ \& $D$ are included in Column $E$
4. ADIT items related to Labor and not in Columns C \& D are included in Column F

A
B
C
D
F
G
ADIT-190 Total Non-Electric Transmission Plant Labor

| Line: | ADIT-190 |  | Non-Electric or Excluded | Transmission Related | Plant <br> Related | Labor <br> Related | Justification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 911Q-DSIT DSIT Entry-Normalized | 8,792 | - | 8,792 | - | - | Electric operations DSIT |
| 2 | 960F-XS Excess ADFIT 282.4 - Protected | 968 | 968 | - | - | - | Gross-up on Excess ADIT related to Plant |
| 3 | 960F-XS Excess ADFIT 283.4 - Unprotected | (319) | (319) | - | - | - | Gross-up on Excess ADIT related to Non-Plant |
| 4 |  | - |  |  |  |  |  |
| 5 |  | - |  |  |  |  |  |
| 6 |  | - |  |  |  |  |  |
| 7 |  | - |  |  |  |  |  |
| 8 |  | - |  |  |  |  |  |
| 9 |  | - |  |  |  |  |  |
| 10 |  | - |  |  |  |  |  |
| 11 | Subtotal - Form 1 p234, line 8, column (b) | 9,441 | 649 | 8,792 | - | - |  |
| 12 | Wages \& Salary Allocator |  |  |  |  | 1.00 |  |
| 13 | Net Plant Allocator |  |  |  | 1.00 |  |  |
| 14 | Total - sum cols. D-G | 8,792 |  | 8,792 | - | - |  |

## Transource Pennsylvania, LLC

## Attachment 4a-Accumulated Deferred Income Taxes (ADIT) Worksheet

Beginning of Rate Year and Rate Year Average

## Instructions for Account 281/282/283

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C
2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
3. ADIT items related to Plant and not in Columns C \& D are included in Column E
4. ADIT items related to Labor and not in Columns $C \& D$ are included in Column $F$


A description of each item and justification for the exclusion from or allocation to the Transmission function will be listed below.
Dissimilar items with amounts exceeding $\$ 100,000$ will be listed separately
Instructions for Account 190:

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C
2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
3. ADIT items related to Plant and not in Columns $C \& D$ are included in Column $E$
4. ADIT ins

|  | A | B | c | D | F | G | H |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line: | ADIT-190 | Total | Non-Electric or Excluded | Transmission <br> Related | Plant Related | Labor Related | Justification |
| 1 | 911Q-DSIT DSIT Entry-Normalized | 34,418 | - | 34,418 | - |  | Electric operations DSIT |
| 2 | 960F-XS Excess ADFIT 282.4 - Protected | 968 | 968 | - | - |  | Gross-up on Excess ADIT related to Plant |
| 3 | 960F-XS Excess ADFIT 283.4 - Unprotected | (319) | (319) | - | - | - | Gross-up on Excess ADIT related to Non-Plant |
| 4 |  | - |  |  |  |  |  |
| 5 |  | - |  |  |  |  |  |
| 6 |  | - |  |  |  |  |  |
| 7 |  | - |  |  |  |  |  |
| 8 |  | - |  |  |  |  |  |
| 9 |  | - |  |  |  |  |  |
| 10 |  | - |  |  |  |  |  |
| 11 | Subtotal - Form 1 p234, line 8, column ( c ) | 35,067 | 649 | 34,418 | - | - |  |
| 12 | Wages \& Salary Allocator |  |  |  |  | 1.00 |  |
| 13 | Net Plant Allocator |  |  |  | 1.00 |  |  |
| 14 | Total - sum cols. D-G | 34,418 |  | 34,418 | - | - |  |

## Instructions for Account 281/282/283

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C
2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
3. ADIT items related to Plant and not in Columns $C \& D$ are included in Column $E$
4. ADIT items related to Labor and not in Columns $C$ \& $D$ are included in Column $F$


Transource Pennsylvania, LLC
For the 12 months ended 12/31/2020

## Attachment 4c - Proration of Property-Related Accumulated Deferred Income Taxes

Note: This workpaper documents the calculation of the rate base adjustment to prorate forecasted activity in ADIT resulting from the use of accelerated tax depreciation on additions to plant in service required by IRS regulation Section1.167(I)-I(h)(6)(ii) when preparing forecasted rates. This worksheet is not used during Annual True-Ups. The adjustment on line 21 is included on Attachment 4b as a reduction to the ending forecasted ADIT balance of ADIT Account 282.

Calculation of Account 282 monthly forecasted activity for Proratable balances

|  | Source |  |
| :--- | :--- | :--- |
| 1 | Rate Year ending balance | Attachment 4b, line 32 Column B |
| 2 | Rate Year beginning balance | Attachment 4a, line 28 Column B |



## Attachment 5

Return on Rate Base Workshee
Transource Pennsylvania, LLC

## RETURN ON RATE BASE (R)

1 Long Term Debt Interest (117, sum of 62.c - 67.c) Note D

2 Preferred Dividends (118.29c) (positive number)

## Proprietary Capital (Line 25 ( c)

51,576,923
Less Preferred Stock (line 25 (b))
Less Account 216.1 Undistributed Subsidiary Earnings (Line 25(d))
Less Account 219 Accum. Other Comprehensive Income (Line 25(e))
Common Stock (Sum of Lines 3 through 6)

| $\$$ |
| ---: |
| $1,201,733$ |
| - |
| $51,576,923$ |
| - |
| - |
| - |
| $51,576,923$ |


| 8 | Long Term Debt | Line $25($ a), Note A and Attachment H-29A Note Q |
| :--- | :--- | :--- |
| Preferred Stock | Line 25 (b), Note B and Attachment H-29A Note Q |  |
| 0 | Common Stock | Line 7, Note C and Attachment H-29A Notes Q and T |
| 1 | Total | (Sum of Lines 8 through 10) |

Total

| \$ | \% | Cost | Weighted |
| :---: | :---: | :---: | :---: |
| 34,384,615 | 40.00\% | 3.49\% | 1.40\% |
| - | 0.00\% | 0.00\% | 0.00\% |
| 51,576,923 | 60.00\% | 10.40\% | 6.24\% |
| 85,961,538 |  |  | 7.64\% |

(a)
(b)

Long Term Debt
(112.18-21.c)

Monthly Balances for Capital Structure
December (prior year)
January
March
April
May
June
July
July
August
September
October
November
December
13 Month Average
(d)
(e)

Undistributed Sub Accum Other
Earnings 216.1 Comp. Income 219 (112.15.c)

Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 1 by the Long Term Debt balance on line 8 .
B Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c in the Form No. 1
C Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on Form 1 page 112 line 16.c less lines 3.c , 12.c, and 15.c
D Long Term debt interest is the sum of Form 1 page 117 lines 62-67.c, with 65-66.c entered as negative numbers. If the Company has any short term debt with associated companies, the interest on that short term debt recorded in Account 430 will be excluded. The portion of interest in Account 430 related to any long term debt to associated companies will be included.

> Attachment 6
> Interest on True-Up
> Transource Pennsylvania, LLC


Note A - Projected ATRR for the true-up year from Page 1, Line 1 of Projection Attachment H-29A minus Line 6 of Projection Attachment H-29A.
Note B - Actual Net ATRR for the true-up year from Page 1, Line 10 of True-Up Attachment H-29A.

## Interest Rate on Amount of Refunds or Surcharges

Over (Under) Recovery Plus

Monthly Interest Rate on Attachment 6a

### 0.408\%

Months
Calculated Interest
Amortization
Surcharge (Refund) Owed

## An over or under collection will be recovered prorata over year collected, held for one year and returned prorata over next year

| Calculation of Interest |  | Monthly |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| January | Year 2018 | 70,716.15 | 0.408\% | 12 | $(3,465.09)$ |  | (74,181.24) |
| February | Year 2018 | 70,716.15 | 0.408\% | 11 | $(3,176.33)$ |  | (73,892.48) |
| March | Year 2018 | 70,716.15 | 0.408\% | 10 | $(2,887.58)$ |  | (73,603.73) |
| April | Year 2018 | 70,716.15 | 0.408\% | 9 | $(2,598.82)$ |  | (73,314.97) |
| May | Year 2018 | 70,716.15 | 0.408\% | 8 | $(2,310.06)$ |  | (73,026.21) |
| June | Year 2018 | 70,716.15 | 0.408\% | 7 | $(2,021.30)$ |  | (72,737.45) |
| July | Year 2018 | 70,716.15 | 0.408\% | 6 | $(1,732.55)$ |  | (72,448.70) |
| August | Year 2018 | 70,716.15 | 0.408\% | 5 | $(1,443.79)$ |  | (72,159.94) |
| September | Year 2018 | 70,716.15 | 0.408\% | 4 | $(1,155.03)$ |  | (71,871.18) |
| October | Year 2018 | 70,716.15 | 0.408\% | 3 | (866.27) |  | (71,582.42) |
| November | Year 2018 | 70,716.15 | 0.408\% | 2 | (577.52) |  | (71,293.67) |
| December | Year 2018 | 70,716.15 | 0.408\% | 1 | (288.76) |  | (71,004.91) |
|  |  |  |  |  | $(22,523.09)$ |  | $(871,116.91)$ |
|  |  |  |  |  | nual |  |  |
| January through December | Year 2019 | (871,116.91) | 0.408\% | 12 | $(42,685)$ |  | $(913,802)$ |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  | Monthly |  |  |  |  |  |
| January | Year 2020 | 913,801.63 | 0.408\% |  | (3,731.36) | 78,186.39 | (839,346.60) |
| February | Year 2020 | 839,346.60 | 0.408\% |  | $(3,427.33)$ | 78,186.39 | (764,587.55) |
| March | Year 2020 | 764,587.55 | 0.408\% |  | $(3,122.07)$ | 78,186.39 | $(689,523.23)$ |
| April | Year 2020 | 689,523.23 | 0.408\% |  | $(2,815.55)$ | 78,186.39 | (614,152.39) |
| May | Year 2020 | 614,152.39 | 0.408\% |  | $(2,507.79)$ | 78,186.39 | $(538,473.80)$ |
| June | Year 2020 | 538,473.80 | 0.408\% |  | $(2,198.77)$ | 78,186.39 | $(462,486.18)$ |
| July | Year 2020 | 462,486.18 | 0.408\% |  | $(1,888.49)$ | 78,186.39 | $(386,188.28)$ |
| August | Year 2020 | 386,188.28 | 0.408\% |  | $(1,576.94)$ | 78,186.39 | $(309,578.82)$ |
| September | Year 2020 | 309,578.82 | 0.408\% |  | $(1,264.11)$ | 78,186.39 | $(232,656.55)$ |
| October | Year 2020 | 232,656.55 | 0.408\% |  | (950.01) | 78,186.39 | $(155,420.18)$ |
| November | Year 2020 | 155,420.18 | 0.408\% |  | (634.63) | 78,186.39 | (77,868.42) |
| December | Year 2020 | 77,868.42 | 0.408\% |  | (317.96) | 78,186.39 | 0.00 |
|  |  | - (24,435.01) |  |  |  |  |  |
| Total Amount of True-Up Adjustment |  |  |  |  |  | $(938,237)$ |  |
| Less Over (Under) Recovery |  |  |  |  |  | 848,594 |  |
| Total Interest |  |  |  |  |  | $(89,643)$ |  |

## Attachment 6a <br> True-Up Interest Rate Calculation <br> Transource Pennsylvania, LLC

This Attachment is used to compute the interest rate to be applied to each year's revenue requirement true-up.

| Applicable FERC Interest Rate (Note A): | $4.25 \%$ |
| :---: | :---: |
| Rate Year January | $4.25 \%$ |
| Rate Year February | $4.25 \%$ |
| Rate Year March | $4.47 \%$ |
| Rate Year April | $4.47 \%$ |
| Rate Year May | $4.47 \%$ |
| Rate Year June | $4.69 \%$ |
| Rate Year July | $4.69 \%$ |
| Rate Year August | $4.69 \%$ |
| Rate Year September | $4.96 \%$ |
| Rate Year October | $4.96 \%$ |
| Rate Year November | $4.96 \%$ |
| Rate Year December | $5.18 \%$ |
| Rate Year Plus 1 January | $5.18 \%$ |
| Rate Year Plus 1 February | $5.18 \%$ |
| Rate Year Plus 1 March | $5.45 \%$ |
| Rate Year Plus 1 April | $5.45 \%$ |
| Rate Year Plus 1 May | $5.45 \%$ |
| Rate Year Plus 1 June | $5.50 \%$ |
| Rate Year Plus 1 July | $5.50 \%$ |
| Rate Year Plus 1 August |  |
|  |  |

Note A - Lines 1-20 are the FERC interest rates under section 35.19a of the regulations for the period shown. Line 21 is the average of lines 1-20.

## Attachment 7

Post-Employment Benefits Other than Pensions (PBOP)
Transource Pennsylvania, LLC

## Calculation of PBOP Expenses

Line No.

1
2
3
4
5

Total PBOP expenses, corporate parent companies
Amount relating to retired personnel
Amount allocated on Labor
Labor dollars
Cost per labor dollar
Labor (labor not capitalized) current year
PBOP Expense Allowed for current year

|  | AEP (a) Year Ended December 31, 2015 | KCP\&L <br> (b) <br> Year Ended <br> December 31, 2015 | Total $(c)=(a+b)$ |
| :---: | :---: | :---: | :---: |
| Note A | -\$92,333,868 | \$8,386,137 |  |
| Note A | -\$46,186,984 | \$3,469,667 |  |
| Line 2 less line 3 | -\$46,146,884 | \$4,916,470 |  |
| Note B | \$1,573,181,281 | \$191,733,310 |  |
| Line 4 divided by line 5 | -\$0.029 | \$0.026 |  |
| Note C | 232,504 | - |  |
| Line 6 times line 7 | $(6,820)$ | - | $(6,820)$ |

Actual PBOP in Company's O\&M and A\&G expense accounts in Form No. 1
-

Amounts on lines 2-3 reflect data from the 2015 actuarial reports for AEP and KCP\&L. These values cannot change absent approval or acceptance by FERC in a separate proceeding.

B Amounts on line 5 reflect the actual AEP and KCP\&L straight-time labor, including both capitalized and expensed labor, loaded for non-productive load. KCP\&L's labor is $\$ 243,676,962$, as provided on the 2015 FERC Form 1 on page 354.96.d, less \$51,943,652 of labor dollars associated with the Wolf Creek Nuclear Facility.

C
The labor in line 7 is the total labor excluding capitalized labor charged by an AEP affiliate or KCP\&L affiliate to the Company in the year.

# Attachment <br> Cost of Debt Prior to Issuing Non-Construction Financing 

This Attachment 8 is to be utilized to determine the cost of debt prior to issuing non-construction financing. Once non-construction financing is issued the cost of debt shall be determined using the methodology described in Note Q on Attachment H-29A.
as not or will not be issued when construction starts, a proxy interest rate will be used for the cost of debt, which will be supported in the initial section 205 filing. The proxy interest rate will be entered on line is attachment.
If construction financing has been obtained, the cost of debt prior to the issuance of non-construction financing shall be based on the terms of the construction financing and determined below. Up-front fees including origination fees will be amortized and included in the cost of debt.
If construction financing is obtained, all rates, fees and monthly debt balances will be subject to true up pursuant to Attachment 9 .
Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.
Line
No
N
1 Interest rate on Construction Debt for Rate Year - Line 19 (g)
2 Rate Year Debt Fee expense - Line 35 (e)

| $3.41 \%$ |
| ---: |
| $0.09 \%$ |
| $3.49 \%$ |

## Interest Rate Informatio

4 Commitment Fee Rate (\%)
5 Projected Average Drawn Rate for Rate Year (\%) - Note A
0.08\%

## Month During Rate Year

(a)

| Total Loan Amount $(\$ 000)$ | Principal Drawn (\$000) | Unutilized Loan Balance (\$000) | $\underset{(\$ 000)}{\text { Commitment Fee }}$ <br> (\$000) | $\begin{gathered} \text { Interest } \\ \text { Expense (\$000) } \end{gathered}$ | Effective Annual Interest Rate <br> (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (b) | (c) | (d) | (e) | (f) | (g) |
| 75,000 | 18,500 | 56,500 | 3.53 | 47 |  |
| 75,000 | 19,500 | 55,500 | 3.47 | 50 |  |
| 75,000 | 24,000 | 51,000 | 3.19 | 61 |  |
| 75,000 | 24,700 | 50,300 | 3.14 | 63 |  |
| 75,000 | 25,700 | 49,300 | 3.08 | 65 |  |
| 75,000 | 26,300 | 48,700 | 3.04 | 67 |  |
| 75,000 | 27,100 | 47,900 | 2.99 | 69 |  |
| 75,000 | 29,200 | 45,800 | 2.86 | 74 |  |
| 75,000 | 38,700 | 36,300 | 2.27 | 99 |  |
| 75,000 | 45,200 | 29,800 | 1.86 | 115 |  |
| 75,000 | 50,700 | 24,300 | 1.52 | 129 |  |
| 75,000 | 56,700 | 18,300 | 1.14 | 144 |  |
| 75,000 | 60,700 | 14,300 | 0.89 | 155 |  |
|  | 34,385 |  | 33.00 | 1,139 | 3.41\% |

Example Fee Calculation - All amounts represent actual rate year expenses.
(a) (b)
(b) (c)
(c) (d)
(e)
(f) (g) Rate Year Amortized Fee Prior Years Unamortized
Origination Fees

| Rates/Fees | Gross Fee Amount <br> (\$000) | Year Fee Incurred | Fee Amortization period (years) | Amount, col. b / col. <br> d | Accumulated Fee Amortization | Balance - End of Rate Year |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1 - | 0 |  |
|  | 25 | 2017 |  | 3 | 0 | 17 |
|  | 50 | 2017 |  | 17 | 0 | 33 |
|  |  |  |  | 1 - | 0 |  |
|  |  |  |  | 1 - | 0 | - |
|  |  |  |  | 1 - | 0 | - |
|  |  |  |  | 25 |  | 50 |

20 Underwititing Discount
21 Arrangement Fee
Uprront Fee
Rating Agency Fee
$\frac{\text { Other }}{\text { Total Issuance Expense / Origination Fees }}$
Annual Fees
Annual Fees Annual Rating Agency Fee
Annual Bank Agency Fee
Utilization Fee
$\frac{\text { Other Fees }}{\text { Total Fees }}$
13 Month Average Debt balance - Line 19 (c)
Rate Year cost of fees
Proxy interest rate. Used prior to issuance of construction financing and supported in initial section 205 filing
2.98\%

Notes

| LIBOR | $2.18 \%$ |
| :--- | :--- |
| Spread | $0.88 \%$ |

Spread
Total

This Attachment 9 is to be utilized only in the event construction financing has been obtained to compute the actual cost of debt to be included in the return on rate base calculation for the true-up each year prior to the issuance of non-construction financing. Once non-construction financing has been obtained the cost of debt shall be determined using the methodology described in Note Q on Attachment H-29A.

One time up-front debt fees, including origination fees will be amortized and included in the cost of debt.
Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.
\$
Long Term Interest and Fees (117, sum of 62.c through 67.c) - Note A
Line of Credit Fees (68.c)
Total Interest and Fees


13 Month Average Long-Term Debt - Note B

## Month During Rate Year

(a)

December Prior Year
January
February
March
April
May
June
July
August
September
October
November
6 December

18 True-Up Cost of Debt (Line 3 / Line 17)

Long Term Debt
(d)

\#DIV/0!
$\frac{\text { Notes }}{\text { A }}$ Long Term debt interest is the sum of Form 1 page 117 lines 62-67.c, with 65-66.c entered as negative numbers. If the Company has any short term debt with associated companies, the interest on that short term debt recorded in Account 430 will be excluded. The portion of interest in Account 430 related to any long term debt to associated companies will be included.
B Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1 , the cost is calculated by dividing line 3 by the Long Term Debt balance on line 17.

## INITIAL PROPOSED TRANSMISSION AND GENERAL PLANT DEPRECIATION RATES

## CALCULATED FROM APPALACHIAN POWER COMPANY (WEST VIRGINIA) MORTALITY CHARACTERISTICS FROM CASE NO. 14-1151-E-D (NOTE A)




The proposed transmission and general plant depreciation rates were determined using the same depreciation study utilized by Appalachian Power Company to develop transmission and general plant depreciation rates that were approved by the Public Service Commission of West Virginia in their order in Case Nos. 14-1152-E-42T and 14-1151-E-D on May 26, 2015.
B These depreciation rates will not be changed absent a FERC order.

## Attachment 11

Prior Period Adjustments or Corrections
Transource Pennsylvania, LLC

| Line No. | Description |  (a) <br>  Revenue <br>  Impact of <br> Source Correction |  | (b) <br> Calendar Year |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  |  |  |  | Revenue |
|  |  |  |  | Requirement |
| 1 | Filing Name and Date Original Revenue Requirement |  |  | - |
| 2 |  |  |  | - |
| 3 |  |  |  |  |
| 4 | Description of Correction 1 |  |  |  |
| 5 | Description of Correction 2 |  |  | - |
| 6 |  |  |  |  |
| 7 | Total Corrections | Line $4+5$ |  | - |
| 8 |  | line $2+7$ |  | - |
| 9 | Corrected Revenue Requirement |  |  |  |
| 10 |  |  |  |  |
| 11 | Total Corrections | Line 7 |  | - |
| 12 |  |  |  |  |
| 13 |  |  |  |  |
| 14 | Average Monthly FERC Refund Rate | Note A |  | 0.25\% |
| 15 | Number of Months of Interest | Note B |  | 30 |
| 16 | Interest on Correction | Line $12 \times 14 \times 15$ |  | - |
| 17 |  |  |  |  |
| 18 | Total Annual Refunds Due to Customers | Line 12+16 |  | - |
| Notes: |  |  |  |  |
| A | The interest rate on corrections will be the average monthly FERC interest rate for the period from the beginning of the year being corrected through the most recent month available as of the time the correction is computed and included in an annual filing. |  |  |  |
| B | The number of months interest due on the correction will be the number of months from the beginning of the year being corrected through June of the year in which the correction will be reflected in rates. In this manner the interest computed will reflect all years prior to when the correction is reflected in rates plus interest on the average unrefunded balance of the correction during the year the correction is reflected in rates. |  |  |  |

Attachment 12
Revenue Credit Detail
Transource Pennsylvania, LLC

## Line No. (Note 1)

## 1 Account 454 - Rent from Electric Property

2 Joint pole attachments - telephone
3 Joint pole attachments - cable
4 Underground rentals
5 Transmission tower wireless rentals
6 Other rentals
7 Other rentals
8 Account 454 Revenue Credit

|  | (a) | (b) <br> Less: Non | (c ) $=(a)-$ (b) <br> Transmission- <br> related |
| :--- | :---: | :---: | :---: | :---: |
| Source | Company Total | Transmission |  |
| Company books | - | - | - |
| Company books | - | - | - |
| Company books | - | - | - |
| Company books | - | - | - |
| Company books | - | - | - |
| Company books | - | - | - |
| Form 1 300.19.b | - | - | - |

## Account 456.0 Other Operating Revenue

9 Othe
Account 456.0 Revenue Credit
Account 456.1 Revenues from Transmission of Electricity for Others
13 PJM Point to Point
14 Over/Under recovery deferral
15 Other PJM revenues
16 Other
17 Total Per Books
18 Less: revenues received pursuant to this Formula Rate
19 Less: Over/Under recovery deferral
20 Account 456.1 Revenue Credit
21 Total 456.0 and 456.1 Revenue Credits

Company books
Company books
Form 1300 21

Company book
Company books
Company books
Company books
Company books
Form 1 330.n
Company book
Company books
(Line 17 - line 18 - line 19)
Line 11 + line 20)

Note 1 All 454, 456.0 and 456.1 revenues will be detailed from Company books and records or FERC Form 1, and additional rows added if necessary. Non-transmission related amounts will be deducted to determine transmission-related amounts. Revenues that are not derived from PJM rates which are based on this transmission formula rate will be included as a revenue credit.

1 Facility Credits under Section 30.9 of the PJM OATT

Under Section 30.9 of the PJM OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to an approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the Parties.


[^0]:    

[^1]:    Notes:

    1) The revenue received 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
    2) From the Attachment 1, Page 3 of 3 , line 1 or 3 , col. 16 from the template in which the true-up year revenue requirement was initially projected.
    3) From True-Up revenue requirement template Attachment 1, page 3 of 3, line 1 or 3, col. 14.
     based on the percentage in Column D
    4) Corrections to true-ups for previous rate years including interest will be computed on Attachment 11 and entered on the appropriate line 3-8 above
