Rate Formula Template
Utilizing FERC Form 1 Data
Projected Annual Transmission Revenue Requirement For the 12 months ended 12/31/
New York Transco LLC

Appendix A
Attachment 1
Attachment 2
Attachment 3
Attachment 4
Attachment 5
Attachment 6a and 6b
Attachment 7
Attachment 8
Attachment 9
Attachment 10

Main body of the Formula Rate
Detail of the Revenue Credits
Monthly Plant and Accumulated Depreciation balances
Cost Support Detail
Calculations showing the revenue requirement by Investment, including any Incentives,
Cost of Debt should Construction Financing be Obtained
Detail of the Accumulated Deferred Income Tax Balances
True-Up calculations
True-Up for the Construction Financing calculations in Attachment 5
Depreciation Rates
Workpapers

|  | Formula Rate - Non-Levelized |  | Rate Formula Template Utilizing FERC Form 1 Data |  |  | Projected Annual Transmission Revenue Requirement For the 12 months ended 12/31/ $\qquad$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New York Transco LLC |  |  |  |  |  |  |  |  |
|  |  |  |  |  | (1) |  |  |  | (3) |  |
| Line No. |  |  |  |  |  |  | Allocated Amount |  |
| 1 | GROSS REVENUE REQUIREMENT | (line 74) |  |  |  | \$ | 25,720,312 |  |
|  | REVENUE CREDITS |  | Total |  |  |  |  |  |
| 2 | Total Revenue Credits | Attachment 1, line 6 | - | $\overline{T P}$ | 1.0000 |  | - |  |
| 3 | Net Revenue Requirement | (line 1 minus line 2) |  |  |  |  | 25,720,312 |  |
| 4 | True-up Adjustment | Attachment 7 | - | DA | 1.00000 |  | - |  |
| 5 | NET ADJUSTED REVENUE REQUIREMENT | (line 3 plus line 4) |  |  |  | \$ | 25,720,312 |  |



| Formula Rate - Non-Levelized |  | Rate Formula Template Utilizing FERC Form 1 Data |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | (2) New York Transco LLC |  |  |  | (5) | For the 12 months ended 12/31/ |
|  |  |  |  | (4) |  |  |
|  | Form No. 1 Page, Line, Col. | Company Total |  |  | Transmission (Col 3 times Col 4) |  |
| O\&M |  |  |  |  |  |  |
| Transmission | 321.112.b | 2,085,216 | TP= | 1.0000 | 2,085,216 |  |
| Less Accounts 565, 561 and 561.1 to 561.8 | 321.96.b \& 84.b to 92.b | - | TP= | 1.0000 | - |  |
| A\&G | 323.197.b | 3,249,400 | W/S | 1.0000 | 3,249,400 |  |
| Less EPRI \& Reg. Comm. Exp. \& Other Ad. | (Note D \& Attach 3, line 171) | - | DA | 1.0000 | - |  |
| Plus Transmission Related Reg. Comm. Exp. | (Note D \& Attach 3, line 172) | - | TP= | 1.0000 | - |  |
| PBOP expense adjustment | (Attach 3, line 243) | - | TP= | 1.0000 | - |  |
| Less Account 566 | 321.97.b | 943,416 | DA | 1.0000 | 943,416 |  |
| Amortization of Regulatory Assets | (Attach 10, line 2) | 943,416 | DA | 1.0000 | 943,416 |  |
| Account 566 excluding amort. of Reg Assets | (line 44a less line 44b) | - | DA | 1.0000 | - |  |
| TOTAL O\&M (sum lines 39, 41, 43, 44, 44b, 44c | less lines 40 \& 42, 44a) (Note D) | 5,334,616 |  |  | 5,334,616 |  |
| DEPRECIATION EXPENSE |  |  |  |  |  |  |
| Transmission | 336.7.f (Note M) | 761,248 | TP | 1.0000 | 761,248 |  |
| General and Intangible | 336.1.f + 336.10.f (Note M) | 2,131,537 | W/S | 1.0000 | 2,131,537 |  |
| Amortization of Abandoned Plant | (Attach 3, line 155) (Note K) |  | DA | 1.0000 |  |  |
| TOTAL DEPRECIATION (Sum lines 47-49) |  | 2,892,785 |  |  | 2,892,785 |  |
| TAXES OTHER THAN INCOME TAXES (Note E) |  |  |  |  |  |  |
| LABOR RELATED |  |  |  |  |  |  |
| Payroll | 263._.i (enter FN1 line \#) | - | W/S | 1.0000 | - |  |
| Highway and vehicle | 263._.i (enter FN1 line \#) | - | W/S | 1.0000 | - |  |
| PLANT RELATED |  |  |  |  |  |  |
| Property | 263._.i (enter FN1 line \#) | 3,425,400 | GP | 1.0000 | 3,425,400 |  |
| Gross Receipts | 263._.i (enter FN1 line \#) | - | NA | - | - |  |
| Other | 263._.i (enter FN1 line \#) | - | GP | 1.0000 | - |  |
| TOTAL OTHER TAXES (sum lines 53-58) |  | 3,425,400 |  |  | 3,425,400 |  |
| INCOME TAXES (Note F) |  |  |  |  |  |  |
| $\mathrm{T}=1-\left\{[(1-\mathrm{SIT}) *(1-\mathrm{FIT})] /\left(1-\mathrm{SIT} * \mathrm{FIT}^{*} \mathrm{p}\right)\right\}^{*}(1-\mathrm{n})=$ |  | 0.3962 |  |  |  |  |
| $\mathrm{CIT}=(\mathrm{T} / 1-\mathrm{T}) *(1-(\mathrm{WCLTD} / \mathrm{R}))=$ <br> where WCLTD=(line 91) and $\mathrm{R}=$ (line 94) |  | 0.4826 |  |  |  |  |
|  |  |  |  |  |  |  |
| and FIT, SIT, p, \& $n$ are as given in footnote $F$. |  |  |  |  |  |  |
| $1 /(1-T)=(T$ from line 61) |  | 1.6560 |  |  |  |  |
| Amortized Investment Tax Credit (Atttachment 4, line 14) |  | - |  |  |  |  |
| Income Tax Calculation $=$ line 62 * line 71 * (1-n) |  | 4,404,928 |  |  | 4,404,928 |  |
| ITC adjustment (line 65 * line 66 * (1-n)) |  | - | NP | 1.0000 | - |  |
| Total Income Taxes | (line 67 plus line 68) | 4,404,928 |  |  | 4,404,928 |  |
| RETURN |  |  |  |  |  |  |
| [ Rate Base (line 37) * Rate of Return (line 94)] |  | 9,127,471 | NA |  | 9,127,471 |  |
| Rev Requirement before Incentive Projects (sum | nes 45, 50, 59, 69, 71) | 25,185,200 |  |  | 25,185,200 |  |
| Incentive Return and Income Tax on Authorized P | jects (Attach 4, line 58, col h) | 535,112 | DA | 100\% | 535,112 |  |
| Total Revenue Requirement (sum lines 72 \& 73) |  | 25,720,312 |  |  | 25,720,312 |  |

## SUPPORTING CALCULATIONS AND NOTES

| Total transmission plant (line 7, column 3) |  | 34,461,538.46 |
| :---: | :---: | :---: |
| Less transmission plant excluded from RTO rates (Note H) | (Attachment 3, line 175) | - |
| Less transmission plant included in OATT Ancillary Services (Note H) | (Attachment 3, line 175) | - |
| Transmission plant included in RTO rates (line 76 less lines 77 \& 78) |  | 34,461,538.46 |

$T P=$
WAGES \& SALARY ALLOCATOR (W\&S) (Note I)

RETURN (R) (Note J)


Development of Base Carrying charge and Summary of Incentive and Non-Incentive Investments
$\left.\begin{array}{lll}5 & \text { Net Transmission Plant in Service } & \begin{array}{l}\text { Source of Total Column } \\ \text { (Line 19 and Transmission CIACs) }\end{array} \\ \text { (Line 26) }\end{array}\right)$
(a) Non-incentive Investments from Attachment 4 (Note N) Note N) 6,952,422

4,603,043
(b) Incentive nvestments from Attachment 4 (Note N) 121,934,785
(c)

Total
128,887,207

4,603,043
133,490,250 $133,490,250$
$13,532,399$

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)

B Identified in Form 1 as being only transmission related.
C Cash Working Capital assigned to transmission is one-eighth of O\&M allocated to transmission
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110-111 line 57 in the Form 1.
D Line 42 removes EPRI Annual Membership Dues listed in Form 1 at 353._f (enter FN1 line \#),
any EPRI Lobbying expenses included in line 42 of the template and all Regulatory Commission Expenses itemized at $351 . \mathrm{h}$
Line 42 removes all advertising included in Account 930.1, except safety, education or out-reach related advertising
Line 42 removes all EEI and EPRI research, development and demonstration expenses and NY Transco will not participate in EEI or EPRI.
Line 43 reflects all Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized at 351.h
Line 38 or Line 41 and thus Line 45 shall include any NYISO charges other than penalties, including but not limited to administrative costs.
E Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
F 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". 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.
multiplied by (1/1-T) .
$\begin{array}{lll}\text { Inputs Required: } & \text { FIT }= & 0.35\end{array}$

| SIT $=$ | 0.071 | (State Income Tax Rate or Composite SIT from Attach 3) |
| :--- | :---: | :--- |
| $\mathrm{p}=$ | - | (percent of federal income tax deductible for state purposes) |

$\mathrm{n}=\quad$ - (not for profit entity ownership percentage)
For each Rate Year (including both Annual Projections and True-Up Adjustments) the statutory income tax rates utilized in the Formula Rate shall reflect the weighted average rates actually in effect during the Rate Year. For example, if the statutory tax rate is $10 \%$ from January 1 through June 30 , and $5 \%$ from July 1 through December 31 , such rates would be weighted 181/365 and 184/365, respectively, for a non-leap year.
G The cost of debt is determined using the internal rate of return methodology shown on Attachment 5 once project financing is obtained. Prior to obtaining project financing, an interest rate of $3.85 \%$ from Table 4 of Attachment 5 will be used and will not be trued up. Attachment 5 contains an estimate of the internal rate of return methodology; the methodology will be applied to actual amounts for use in Appendix A.
After the completion of construction, the cost of debt will be calculated pursuant to Attachment 3
H Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation
step-up facilities, which are deemed to 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.
1 Enter dollar amounts
J ROE will be supported in the original filing and no change in ROE may be made absent a filing with FERC under FPA Section 205 or 206.
The capital structure will be the actual capital structure up to $53 \%$ equity. Lines 93 will be capped at $53 \%$ equity. If the actual equity ratio exceeds $53 \%$, the common stock ratio will be reset to $53 \%$ and the debt ratio will be equal to 1 minus sum of the preferred stock ratio and common stock ratio.

K
Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Company must submit a Section 205 filing to recover the cost of abandoned plant. Any such filing to recover the cost of an abandoned plant item shall be made no later than 180 days after the date that Company formally declares such plant item abandoned.
L Unamortized Regulatory Assets, consisting of all expenses incurred but not included in CWIP prior to the date the rate is charged to customers, is included at line 28
Carrying costs equal to the weighted cost of capital on the balance of the regulatory asset will accrue until the rate is charged to customers
M Balances exclude Asset Retirement Costs
N Non-incentive investments are investments without ROE incentives and incentive investments are investments with ROE incentives

## Attachment 1 - Revenue Credit Workpaper*

 New York Transco LLC
## Account 454 - Rent from Electric Property (300.19.b) <br> 1 Rent from FERC Form No. 1

## Account 456 (including 456.1) (300.21.b and 300.22.b)

2 Other Electric Revenues (Note 2)
3 Professional Services
4 Revenues from Directly Assigned Transmission Facility Charges (Note 2)
5 Rent or Attachment Fees associated with Transmission Facilities

6 Total Revenue Credits

Notes 1 \& 3

Notes 1 \& 3


Sum lines $2-5+$ line 1

| Note 1 | All revenues booked to Account 454 that are derived from cost items classified as transmission-related will be included as a revenue credit. All revenues booked to Account 456 (includes 456.1) that are derived from cost items classified as transmission-related, and are not derived from rates under this transmission formula rate will be included as a revenue credit. Work papers will be included to properly classify revenues booked to these accounts to the transmission function. A breakdown of all Account 454 revenues by subaccount will be provided below, and will be used to derive the proper calculation of revenue credits. A breakdown of all Account 456 revenues by subaccount and customer will be provided and tabulated below, and will be used to develop the proper calculation of revenue credits. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Note 2 |  |  |  |  |  |
|  | If the facilities associated with the revenues are not included in the formula, the revenue is shown below, but not included in the total above and explained in the Attachment 3 . |  |  |  |  |
| Note 3 | All Account 454 and 456 Revenues |  |  |  |  |
| Line No. |  |  |  |  |  |
| 1 | Account 456 | TOTAL | NY-ISO | Other 1 | Other 2 |
| 1 a | Transmission Service | - | - | - | - |
| ... |  | - | - | - | - |
| 1 x | Trans. Fac. Charge | - | - | - | - |
| 2 | Trans Studies | - | - | - | - |
| 3 | Total | - | - | - | - |
| 4 | Less: |  |  |  |  |
| 5 | Revenue for Demands in Divisor | - | - | - | - |
| 6 | Sub Total Revenue Credit | - | - | - | - |
| 7 | Prior Period Adjustments | - | - | - | - |
| 8 | Total | - | - | - | - |
| 9 | Account 454 | \$ |  |  |  |
| 9a | Joint pole attachments - telephone | - |  |  |  |
| 9 b | Joint pole attachments - cable | - |  |  |  |
| 9 c | Underground rentals | - |  |  |  |
| 9d | Transmission tower wireless rentals | - |  |  |  |
| 9 e | Misc non-transmission rentals | - |  |  |  |
| $9 f$ |  | - |  |  |  |
| 9 g |  | - |  |  |  |
| ... |  |  |  |  |  |
| 9 x |  | - |  |  |  |
| 10 | Total | - |  |  |  |

## Attachment 2-Cost Support

## New York Transco LLC

Plant in Service Worksheet

| 1 | Calculation of Transmission Plant In Service | Source (Less ARO, see Note M' | Year | Balance |
| :---: | :---: | :---: | :---: | :---: |
| 2 | December | p206.58.b | 2016 | - |
| 3 | January | company records | 2016 | - |
| 4 | February | company records | 2016 | - |
| 5 | March | company records | 2016 | - |
| 6 | April | company records | 2016 | - |
| 7 | May | company records | 2016 | - |
| 8 | June | company records | 2015 | 64,000,000 |
| 9 | July | company records | 2016 | 64,000,000 |
| 10 | August | company records | 2016 | 64,000,000 |
| 11 | September | company records | 2016 | 64,000,000 |
| 12 | October | company records | 2016 | 64,000,000 |
| 13 | November | company records | 2016 | 64,000,000 |
| 14 | December | p207.58.g | 2016 | 64,000,000 |
| 15 | Transmission Plant In Service | (sum lines 2-14) /13 |  | 34,461,538 |
| 16 | Calculation of Distribution Plant In Service | Source (Less ARO, see Note M) |  |  |
| 17 | December | p206.75.b | 2016 | - |
| 18 | January | company records | 2016 | - |
| 19 | February | company records | 2016 | - |
| 20 | March | company records | 2016 | - |
| 21 | April | company records | 2016 | - |
| 22 | May | company records | 2016 | - |
| 23 | June | company records | 2016 | - |
| 24 | July | company records | 2016 | - |
| 25 | August | company records | 2016 | - |
| 26 | September | company records | 2016 | - |
| 27 | October | company records | 2016 | - |
| 28 | November | company records | 2016 | - |
| 29 | December | p207.75.g | 2016 | - |
| 30 | Distribution Plant In Service | (sum lines 17-29) /13 |  | - |


| 31 | Calculation of Intangible Plant In Service | Source (Less ARO, see Note M) |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 32 | December | p204.5.b | 2016 | - |
| 33 | January | company records | 2016 | - |
| 34 | February | company records | 2016 | - |
| 35 | March | company records | 2016 | - |
| 36 | April | company records | 2016 | - |
| 37 | May | company records | 2016 | - |
| 38 | June | company records | 2016 | 177,000,000 |
| 39 | July | company records | 2016 | 177,000,000 |
| 40 | August | company records | 2016 | 177,000,000 |
| 41 | September | company records | 2016 | 177,000,000 |
| 42 | October | company records | 2016 | 177,000,000 |
| 43 | November | company records | 2016 | 177,000,000 |
| 44 | December | p205.5.g | 2016 | 177,000,000 |
| 45 | Intangible Plant In Service | (sum lines 32-44) /13 |  | 95,307,692 |
| 46 | Calculation of General Plant In Service | Source (Less ARO, see Note M) |  |  |
| 47 | December | p206.99.b | 2016 | - |
| 48 | January | company records | 2016 | - |
| 49 | February | company records | 2016 | - |
| 50 | March | company records | 2016 | - |
| 51 | April | company records | 2016 | - |
| 52 | May | company records | 2016 | - |
| 53 | June | company records | 2016 | - |
| 54 | July | company records | 2016 | 1,000,000 |
| 55 | August | company records | 2016 | 1,000,000 |
| 56 | September | company records | 2016 | 1,000,000 |
| 57 | October | company records | 2016 | 1,000,000 |
| 58 | November | company records | 2016 | 1,000,000 |
| 59 | December | p207.99.g | 2016 | 1,000,000 |
| 60 | General Plant In Service | (sum lines 47-59) /13 |  | 461,538 |


| 61 | Calculation of Production Plant In Service | Source (Less ARO, see Note M) |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 62 | December | p204.46b | 2016 | - |
| 63 | January | company records | 2016 | - |
| 64 | February | company records | 2016 | - |
| 65 | March | company records | 2016 | - |
| 66 | April | company records | 2016 | - |
| 67 | May | company records | 2016 | - |
| 68 | June | company records | 2016 | - |
| 69 | July | company records | 2016 | - |
| 70 | August | company records | 2016 | - |
| 71 | September | company records | 2016 | - |
| 72 | October | company records | 2016 | - |
| 73 | November | company records | 2016 | - |
| 74 | December | p205.46.g | 2016 | - |
| 75 | Production Plant In Service | (sum lines 62-74) /13 |  | - |
| 76 | Total Plant In Service | (sum lines 15, 30, 45, 60, \& 75) |  | 130,230,769 |
| Accumulated Depreciation Worksheet |  |  |  |  |
| Appendix A Line \#s, Descriptions, Notes, Form 1 Page \#s and Instructions |  |  |  |  |
| 77 | Calculation of Transmission Accumulated Depreciation | Source (Less ARO, see Note M' | Year | Balance |
| 78 | December | Prior year p219.25.b | 2016 | - |
| 79 | January | company records | 2016 | - |
| 80 | February | company records | 2016 | - |
| 81 | March | company records | 2016 | - |
| 82 | April | company records | 2016 | - |
| 83 | May | company records | 2016 | - |
| 84 | June | company records | 2016 | 108,750 |
| 85 | July | company records | 2016 | 217,500 |
| 86 | August | company records | 2016 | 326,250 |
| 87 | September | company records | 2016 | 435,000 |
| 88 | October | company records | 2016 | 543,750 |
| 89 | November | company records | 2016 | 652,500 |
| 90 | December | p219.25.b | 2016 | 761,250 |
| 91 | Transmission Accumulated Depreciation | (sum lines 78-90) /13 |  | 234,231 |


| 92 | Calculation of Distribution Accumulated Depreciation | Source (Less ARO, see Note M) |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 93 | December | Prior year p219.26.b | 2016 | - |
| 94 | January | company records | 2016 | - |
| 95 | February | company records | 2016 | - |
| 96 | March | company records | 2016 | - |
| 97 | April | company records | 2016 | - |
| 98 | May | company records | 2016 | - |
| 99 | June | company records | 2016 | - |
| 100 | July | company records | 2016 | - |
| 101 | August | company records | 2016 | - |
| 102 | September | company records | 2016 | - |
| 103 | October | company records | 2016 | - |
| 104 | November | company records | 2016 | - |
| 105 | December | p219.26.b | 2016 | - |
| 106 | Distribution Accumulated Depreciation | (sum lines 93-105) /13 |  | - |
| 107 | Calculation of Intangible Accumulated Amortization | Source (Less ARO, see Note M) |  |  |
| 108 | December | Prior year p200.21.c | 2016 | - |
| 109 | January | company records | 2016 | - |
| 110 | February | company records | 2016 | - |
| 111 | March | company records | 2016 | - |
| 112 | April | company records | 2016 | - |
| 113 | May | company records | 2016 | - |
| 114 | June | company records | 2016 | 300,761 |
| 115 | July | company records | 2016 | 601,522 |
| 116 | August | company records | 2016 | 902,283 |
| 117 | September | company records | 2016 | 1,203,044 |
| 118 | October | company records | 2016 | 1,503,805 |
| 119 | November | company records | 2016 | 1,804,566 |
| 120 | December | p200.21.c | 2016 | 2,105,327 |
| 121 | Accumulated Intangible Amortization | (sum lines 108-120) /13 |  | 647,793 |


| 122 | Calculation of General Accumulated Depreciation | Source (Less ARO, see Note M) |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 123 | December | Prior year p219.28.b | 2016 | - |
| 124 | January | company records | 2016 | - |
| 125 | February | company records | 2016 | - |
| 126 | March | company records | 2016 | - |
| 127 | April | company records | 2016 | - |
| 128 | May | company records | 2016 | - |
| 129 | June | company records | 2016 | - |
| 130 | July | company records | 2016 | 4,368 |
| 131 | August | company records | 2016 | 8,736 |
| 132 | September | company records | 2016 | 13,104 |
| 133 | October | company records | 2016 | 17,472 |
| 134 | November | company records | 2016 | 21,840 |
| 135 | December | p219.28.b | 2016 | 26,208 |
| 136 | Accumulated General Depreciation | (sum lines 123-135) /13 |  | 7,056 |
| 137 | Calculation of Production Accumulated Depreciation | Source (Less ARO, see Note M) |  |  |
| 138 | December | p219.20:24.b (prior year) | 2016 | - |
| 139 | January | company records | 2016 | - |
| 140 | February | company records | 2016 | - |
| 141 | March | company records | 2016 | - |
| 142 | April | company records | 2016 | - |
| 143 | May | company records | 2016 | - |
| 144 | June | company records | 2016 | - |
| 145 | July | company records | 2016 | - |
| 146 | August | company records | 2016 | - |
| 147 | September | company records | 2016 | - |
| 148 | October | company records | 2016 | - |
| 149 | November | company records | 2016 | - |
| 150 | December | p219.20 thru 219.24.b | 2016 | - |
| 151 | Production Accumulated Depreciation | (sum lines 138-150) /13 |  | - |
| 152 | Total Accumulated Depreciation and Amortization | (sum lines 91, 106, 121, 136, \& 151) |  | 889,080 |

## Attachment 3 - Cost Support

New York Transco LLC


Reserves

| 170a |  | (d) | (e) | (f) | (g) | (h) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Enter 1 if NOT in a trust or reserved account, enter zero (0) if included in a trust or reserved account | Enter 1 if the accrual account is included in the formula rate, enter (0) if O if the accrual account is NOT included in the formula rate | Enter the percentage paid for by customers, 1 less the percent associated with an offsetting liability on the balance sheet | Allocation (Plant or Labor Allocator) | Amount Allocated, col. c x col. d x col ex col. fx col.g |
|  | Reserve 1 | - |  | - |  |  |
|  | Reserve 2 | - |  | - |  |  |
|  | Reserve 3 | - |  | - | - | - |
|  | Reserve 4 | - | - | - | - | - |
|  | $\ldots$ | - | - | - | - | - |
|  |  | - | - | - | - |  |
|  | Total |  |  |  |  |  |
|  | All unfun and incre <br> (2) in adv account. monthly | counts for FERC g the same allocato a restricted accou mers, only the bal | Account Nos. 228.1 throug r in column (g) as used in nt (e.g., set aside in an es ance funded by customer | 228.4. "Unfunded the formula to alloca crow account, see colu collections shall serve | serve" is defined the amounts in th n (d)) with the ea a rate base credit | an accrued balan corresponding ex ings thereon reta see column (f). |





Excluded Plant Cost Support


|  | Note: for the projection, the prior year's actual balances will be used Form No. 1 page |  | Stores Expense Undistributed p227.16 | Transmission Materials \& Supplies p227.8 | Construction Materials \& Supplies p227.5 | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 176 | December | Column b | - | - | - |  | - |
| 177 | January | Company Records | - | - | - |  | - |
| 178 | February | Company Records | - | - | - |  | - |
| 179 | March | Company Records | - | - | - |  | - |
| 180 | April | Company Records | - | - | - |  | - |
| 181 | May | Company Records | - | - | - |  | - |
| 182 | June | Company Records | - | - | - |  | - |
| 183 | July | Company Records | - | - | - |  | - |
| 184 | August | Company Records | - | - | - |  | - |
| 185 | September | Company Records | - | - | - |  | - |
| 186 | October | Company Records | - | - | - |  | - |
| 187 | November | Company Records | - | - | - |  | - |
| 188 | December | Column c | - | - | - |  | - |
| 189 | Average |  |  |  |  |  | - |

## Calculation of PBOP Expenses

## ConEd

Total PBOP expenses
Labor dollars
Cost per labor dollar
labor (labor not capitalized) current year
labor (labor da pialized) curre
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 191-193 cannot change absent approval or acceptance by FERC in a separate proceeding.

NiMo
Total PBOP expenses
Labor dollars
Cost per labor dollar
labor (labor not capitalized) current year
PBOP Expense for current year
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 199-201 cannot change absent approval or acceptance by FERC in a separate proceeding.

## NYSEG

Total PBOP expenses
Labor dollars
Cost per labor dolla
labor (labor not capitalized) current year
PBOP Expense for current year
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 208-210 cannot change absent approval or acceptance by FERC in a separate proceeding.
(8,800,000) 1,444,841,000 (0.0061)

Company Records
Company Records

70,883,643 313,713,746 0.2260

Company Records
Company Records

2,057,829 187,586,000 0.0110

Company Records
Company Records

## RGE

Total PBOP expenses
Labor dollars

|  | $\$$ | $3,561,081$ |
| :--- | ---: | ---: |
|  | $\$$ | $79,625,000$ |
|  | $\$$ | 0,0447 |
| Company Records | - |  |
|  |  |  |
| Company Records |  | - |
|  |  | - |

PBOP Expense for current year
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 217-219 cannot change absent approval or acceptance by FERC in a separate proceeding.

## CHG\&E

Total PBOP expenses
$(3,863,900)$
Labor dollars
108,206,368
Cost per labor dolla
labor (labor not capitalized) current year
PBOP Expense for current year
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 226-228 cannot change absent approval or acceptance by FERC in a separate proceeding
New York Transco LLC
Total PBOP expenses
Labor dollars
$\$$
$\$$
Cost per labor dollar
labor (labor not capitalized) current year
PBOP Expense for current year
PBOP Expense in Account 926 for current year
PBOP Adjustment for Appendix A, Line 44
Lines 235-237 cannot change absent approval or acceptance by FERC in a separate proceeding.
Company Records
$\$ 0.000$

Company Records

PBOP expense adjustment

Incentive ROE and $60 / 40$ Project Worksheet

Attachment 4 $\quad$| Rate Formula Template |
| ---: |
| Utiizing Appendix A Data |$\quad$ For the 12 months ended 12/31/2012

The calcuations below calcuate that additional revenue requirement for 100 basis points of ROE and 1 perent change in the equity component fo the capita structure.
These amounts are then used to caluate the actual increase in revenue in the table below (statring on line 66) associated with the actual incentive authorized by the Commisison
The use of the 100 basis point calulations do not presume any particular incentive (i.e., 100 basis points) being granted by the Commisison.

| New York Tranco LLC |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Base ROE and Income Taxes Carrying Charge |  |  | Allocator |  |  |  |  |
|  |  |  |  | Result <br> 133,354,830 |
| 1 Rate Base |  |  |  |  |  |  |  |  |  |  |
| 2 base return calculation: |  |  |  |  |  |  |  |
|  |  |  | s | \% | Cost | Weighted |  |
| 3 | Long Term Debt | (Appendix A, Line 91) |  | 47\% | 3.85\% | 1.81\% |  |
|  | Preferred Stock | (Appendix A, Line 92) | - | 0\% | 0.00\% | 0.00\% |  |
| 5 | Common Stock | (Appendix A, Line 93) | . | 53\% | 9.50\% | 5.04\% |  |
|  | Total (sum line 3-5) |  | - |  |  | 6.84\% |  |
|  | Return multiplied by | (line $1^{*}$ line 6) |  |  |  |  | 9,127,471 |
| 8 Income taxes |  |  |  |  |  |  |  |
|  |  |  | 0.3962 |  |  |  |  |
|  |  |  | 0.4826 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 1213 | and FIT, SIT \& | given in footnote F on Appendix A. |  |  |  |  |  |
|  | $1 /(1-T)=(T)$ | 9) ${ }_{\text {ceit ( } 266.88 \text { (enter negative) }}$ | 1.6560 |  |  |  |  |
| 14 |  |  |  |  |  |  |  |
|  | Income Tax Calcula | e $10 *$ ine $7 *(1-n)$ | 4,404,928 | NP |  |  | 4,404,928 |
|  | 17 Total Income Taxes |  | 14) *(1-n) |  |  | 1.00 |  |  |
|  |  |  | (line 15 plus line 16) |  | 4,404,928 |  |  | 4,404,928 |
| 1819 | Base Return and Inco |  | Sum lines 7 and 17 |  |  |  | 13,532,399 |
|  | Rate Base |  | Line 1Line 18 /line 19 |  |  |  | 133,354,830 |
| ${ }_{20}^{19} \mathrm{R}$ | Return and Income Ta | Sse ROE |  |  |  |  | 0.1015 |



63 Revenue Requirement per project including incentives

0.0602
0.1014

|  | (a) | (b) |  | (c) | (d) | (e) | (f) | (9) | (h) | (i) | () | (k) | (1) | (m) | (n) | (0) | (p) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Line | Description | Net Investment (Note A) |  | $\substack{\text { ROE } \\ \text { Authorized by } \\ \text { FERC (Note }}$ <br> C) | $\begin{array}{\|c\|} \hline \text { RoE Base } \\ \text { (From } \\ \text { Appendix A, } \\ \text { line 93) } \end{array}$ | $\begin{gathered} \text { Incentive \% } \\ \text { Authorized by } \end{gathered}$ FERC | Line 41 | $\left\lvert\, \begin{gathered} \operatorname{Col}(\mathrm{e}) / .01 \times \\ \operatorname{Col}(\mathrm{f}) \end{gathered}\right.$ | $\underset{\substack{\text { Incentive } \$(\text { Col } \\ \text { (b) } \\ \text { Col (g) }}}{ }$ |  | Impact of Equity Component of Capital Structure(Col (b) $x$ (i) $x$ Line 62 |  | $\begin{array}{\|c\|} \hline \text { Gross Plant In } \\ \text { Service (Note } \\ \text { B) } \end{array}$ | $\begin{aligned} & \text { Expense } \\ & \text { Allocator } \\ & \text { (line 64) } \\ & \hline \end{aligned}$ | O\&M, Taxes Other than Income (Col. (I) $\times$ Col. (n) | Depreciation/Am ortization Expense | Total Revenues (Col. (h) + (j) + (k) $+(\mathrm{n})+(\mathrm{o})$ ) |
| ${ }_{66}^{66}$ | Upto 228 milion |  | ${ }^{121,934,785}$ | ${ }_{\text {9.5\% }}{ }^{\text {95\% }}$ | ${ }^{9.550 \%}$ | ${ }^{0.005}$ | ${ }^{0.0088}$ | ${ }^{0.00439}$ | 535,112 |  |  | 12,360,979 | 122,769,231 | ${ }^{0.0602}$ | ${ }^{7,394,958}$ | 2,736,743 | 23,027,791 |
| ${ }^{66}$ | Over 228 million |  | 6,952,422 | 9.5\% | 9.50\% | - | ${ }^{0.0088}$ | - | - |  |  | 704,793 | 7,000,000 | ${ }^{0.0602}$ | 421,642 | 156,042 | 1,282,477 |
| 66 b | Regulatory Asset |  | 4,603,043 | 9.5\% | 9.50\% | - | ${ }^{0.0088}$ | - | - | - | - | 466,627 |  | 0.0602 | - | 943,416 | 1,410,043 |
| ${ }_{66 c}$ |  |  |  | 0.0\% | 9.55\% | - |  |  |  |  |  |  |  | 0 |  |  |  |
| ... |  |  |  |  | 9.55\% |  |  |  |  |  |  |  |  | 0 |  |  |  |
| $\ldots$ |  |  |  |  | 9.50\% |  |  |  |  |  |  |  |  |  | - |  |  |
| ... |  |  |  |  | 9.50\% |  |  |  |  |  |  |  |  | 0 | - |  |  |
| $\ldots$ |  |  |  |  | 9.55\% |  |  |  |  |  |  |  |  | 0 |  |  |  |
| $\ldots$ |  |  |  |  | ${ }_{9}^{9.50 \%}$ |  |  |  |  |  |  |  |  | 0 | - |  |  |
| $\cdots$ |  |  |  |  | 9.55\% |  |  |  |  |  |  |  |  | 0 |  |  |  |
| $\cdots$ |  |  |  |  | ${ }_{9}^{9.50 \%}$ |  |  |  |  |  |  |  |  | 0 | . |  |  |
| ... |  |  |  |  | 9.50\% |  |  |  |  |  |  |  |  | 0 |  |  |  |
| $\cdots$ |  |  |  |  | 9.50\% |  |  |  |  |  |  |  |  | 0 | - |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0 | . |  |  |
| 67 | Total Check Sum Apendiz |  | \$133,490,249.86 |  |  |  |  |  | 535,112 |  |  | 13,532,399 | \$129,769,231 |  | 7,816,600 | 3,836,201 | $\frac{25,720,312}{25,720,312}$ | Check Sum Appendix A Line

Difference (must be zero)
${ }^{\text {Note: }}{ }_{A}$
A Column (b), Net Investment includes the Net Plant In Service, unamortized regulatory assets, unamorized abandoned plant and CWI B Column (1), Gross Plant in Service excludes Regulatory Assets, CWIP, and Abandoned Plant.
C Column (e), for each proiect with a


Assumes financing will be a 5 year loan with Origination Fees of $\$ 2.1$ million and a Commitments Fee of $0.3 \%$ on the undrawn principa
f Return formula below.
Each year, the amounts withdrawn, the interest paid in the year, Origination Fees, Commitments Fees, and total loan amount will be updated on this attachment.
Table 1


|  | Origination Fees |  |
| :---: | :---: | :---: |
| 5 | Underwiting Discount |  |
| 6 | Arrangement Fee | 250,000 |
| 7 | Upront Fee | 437,500 |
| 8 | Rating Agency Fee | - |
| 9 | Legal Fees | 1,000,000 |
| 10 | Total Issuance Expense | 1,687,500 |
| 11 | Annual Rating Agency Fee | 100,000 |
| 12 | Annual Bank Agency Fee | 50,000 |
|  | Revolving Credit Commitment Fee | 0.300 |



| (A) | (B) | $\begin{gathered} \text { (C) } \\ \text { Capital } \\ \text { Expenditures } \\ \text { (\$000's) } \end{gathered}$ | $\begin{gathered} \text { (D) } \\ \text { Principal } \\ \text { Drawn In } \\ \text { Quarter } \\ \text { (\$000's) } \end{gathered}$ | (E) | (F) | (G) | (H) | (1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Principal Drawn To Date (\$000's) | Interest \& Principal (\$000's) <br> $1 / 4$ * Interest Rate from Line 16 x Col. E prior quarter and Principal repayment | $\begin{aligned} & \text { Origination Fees } \\ & \text { (\$000's) } \end{aligned}$ | Commitment \& Utilization Fee (\$000's) | Net Cash Flows ( 5000 's) |
|  |  |  |  |  |  |  | (line 1/1000 less Col. E prior quarter)*line $13 / 4$ +line 12/4000+line 11/4000 | (D-F-G-H) |
| 3/31/2014 | Q3 | 19,350 | 9,675 | 9,675 |  | 2,100 |  | 7,575 |
| 6/30/2014 | Q4 | 19,350 | 9,675 | 19,350 | 70 |  | 124 | 9,481 |
| 9/30/2014 | Q1 | 19,350 | 9,675 | 29,025 | 141 |  | 117 | 9,418 |
| 12/31/2014 | Q2 | 19,350 | 9,675 | 38,700 | 211 |  | 109 | 9,354 |
| 3/31/2015 | Q3 | 24,775 | 12,388 | 51,088 | 275 |  | 102 | 12,010 |
| 6/30/2015 | Q4 | 24,775 | 12,388 | 63,475 | 418 |  | 93 | 11,876 |
| 9/30/2015 | Q1 | 24,775 | 12,388 | 75,863 | 525 |  | 84 | 11,778 |
| 12/31/2015 | Q2 | 24,775 | 12,388 | 88,250 | 628 |  | 74 | 11,685 |
| 3/31/2016 | Q3 | 23,950 | 11,975 | 100,225 | 723 |  | 65 | 11,187 |
| 6/30/2016 | Q4 | 23,950 | 11,975 | 112,200 | 962 |  | 56 | 10,957 |
| 9/30/2016 | Q1 | 23,950 | 11,975 | 124,175 | 1,089 |  | 47 | 10,839 |
| 12/31/2016 | Q2 | 23,950 | 11,975 | 136,150 | 1,205 |  | 38 | 10,732 |
| 3/31/2017 | Q3 | 23,575 | 11,788 | 147,938 | 1,292 |  | 29 | 10,466 |
| 6/30/2017 | Q4 | 23,575 | 11,788 | 159,725 | 1,615 |  | 20 | 10,152 |
| 9/30/2017 | Q1 | 23,575 | 11,788 | 171,513 | 1,763 |  | 11 | 10,013 |
| 12/31/2017 | Q2 | 23,575 | 11,788 | 183,300 | 1,893 |  | 3 | 9,891 |
| 3/31/2018 | Q3 | - | - | 183,300 | 185,280 |  |  | $(185,280)$ |

[^0]New York Transco LLC
Attachment 6a - Accumulated Deferred Income Taxes (ADIT) Worksheet (Beginning of Year)


In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each seeparate ADIT item will be listed,
dissimimiar items with amounts exceeding $\$ 100,000$ will be listed separately. For ADTT directly related to project depreciation or CWIP, the balance must shown in a separate row for each project.
A
10 ADIT-190
 Plant
Related

F
$(1,256,730)$ Enter as negative Appendix $A$, line 24


Instructions for Account 190:
16 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
17 2. ADIT items related only to Transmission are directy assigned to Column D
$\begin{array}{ll}\text { 17 2. ADT items related only to Transmission are directly assigned to column } \mathrm{D} \\ 18 & \text { 3. ADT T items related to Plant and not in Columns } \mathrm{C} \& \mathrm{D} \text { are included in Column }\end{array}$
19 4. ADIT items related to labor and not in Columns $\mathrm{C} \& D$ are included in Column F
$\begin{array}{ll}\text { 19 } & \text { 4. ADIT items related to abor and not in } \mathrm{C} \text { Olumns } \mathrm{C} \& \mathrm{D} \text { are included in } \mathrm{CO} \text { Oumn } \mathrm{F} \\ 20 & \text { 5. } \mathrm{I} \text { the item giving rise to the } A D I T \text { is not } \text { included in the formula, the associated } \mathrm{ADIT} \text { amount shall be excluded }\end{array}$

New York Transco LLC

## Attachment 6 a - Accumulated Deferred Income Taxes (ADIT) Worksheet (Beginning of Year)

Beginning of Year

A
B
C
D E
E F
G
Gas, Prod
Orother
or other
$-$
Plant Related Related Rellollor Related


Instructions for Account 288 :

1. ADTT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
$\begin{array}{ll}27 & \text { 1. ADDT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer } \\ 28 & \text { 2. ADIT items related only to Tonansmission are directly assigned to column } \mathrm{D}\end{array}$

$\begin{array}{ll}\text { 29 } \\ 30 & \text { 4. ADIT tems related to to labor and not in Columns } \mathrm{C} \& D \text { are included in Column }\end{array}$
31 5. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

## New York Transco LLC

## Attachment 6 a - Accumulated Deferred Income Taxes (ADT) Worksheet (Beginning of Year)

Beginning of Year
E
F


Instructions for Account 283:
38 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
39 2. ADIT items related only to Transmission are directly assigned to Column D
40 3. ADIT items related to Plant and not in Columns C \& D are included in Column
42 . If the item giving is is to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

## New York Transco LLC

Attachment 6b-Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)

## End of Year

Line
1 ADIT-282
2 ADIT-283
3 ADT-190
4 Subtoal
5 Wages \& Salary Allocator
6 NP
7 End of Year ADIT

| Transmission |
| :--- |
| Related |

$(2,513,459.00)$
$\vdots$
$(2,513,459.00$

$(2,513,459.00$
$\underset{ }{\text { Plant }}$
Labor
Related

(2,513,459.00)



Instuctions for Account 190:
14 1. ADIT tems related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directy assigned to Column C


18 5. If the item giving ise to the ADIT is not includeded in the formula, the associated ADIT amount shall be excluded

## New York Transco LLC

## Attachment 6b - Accumulated Defer (ADIT) Worksheet (End of Year)

End of Year

|  | A | в | c | D | E | F | G |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Gas, Prod |  |  |  |  |
| 19 | ADIT-282 |  | Or Other | Transmission | Plant | Labor |  |
|  |  |  | Related | Related | Related | Related | Justification |
| 20a | Estimated acceleration depreciaiton (average 20-year Ilie) |  |  | (2,513,459) |  |  |  |
|  |  |  |  |  |  |  |  |
| 20 b |  |  |  |  |  |  |  |
| 20 c |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| 21 | Subtotal - p275 |  |  | (2,513,459) |  |  |  |
| 22 | Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| 23 | Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| 24 | Total |  |  | (2,513,459) |  |  |  |

Instructions for Account 282:

$\begin{array}{ll}26 & \text { 1. ADIT AIT items relateded only to Transmission are directly assigned to Column } \mathrm{D} \\ 26\end{array}$
27 3. ADIT Tems realaed to Plant and not in Coumms $C$ \& $D$ are inculded in Column


## New York Transco LLC

## Attachment 6b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)

## End of Year

A
B
Total
c
D
E
F

30 ADIT- 283
orter
Transmission
Plant
Labor


Instructions tor Account 283
36 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directily assigned to Column C
37 2. ADIT items related only to Transmission are directly assigned to Column D
38 3. ADIT items related to Plant and not in Columns $C \& D$ are included in Column $E$
$\begin{array}{lll}\text { 39 } & \text { 4. ADTT items related to labor and not in Columns } C \text { \& } D \text { are included in Column } F \\ 40 & \text { 5. If the item giving ise to the ADIT is not included in the formula, the asscoiated } A \text { AIT amount shal be excluded }\end{array}$

Attachment 7 - Example of True-Up Calculation (Note 3) New York Transco LLC

| Revenue Requirement Billed <br> (Note 1) <br> $\$ 0$ |
| :---: |


| 2014 |
| :---: |
| Actual Revenue Requirement <br> (Note 2) <br> $\$ 0$ |

Equals \begin{tabular}{c}

| Over (Under) |
| :---: |
| Recovery |
| $\$ 0$ |${ }^{2}$ <br>

\hline
\end{tabular}

| Interest Rate on Amount of Refunds or Surcharges | Over (Under) Recovery Plus Interest | Monthly Interest Rate on Attachment 7a | Months | Calculated Interest | Amortization | Surcharge (Refund) Owed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 0.2708\% |  |  |  |  |

An over or under collection will be recovered prorata over year collected, held for one year and returned prorata over next year.
If the first year is a partial year, the true-up (over or under recovery per month and interest calculation) will reflect only the
number of months for which the rate was charged.


Total Amount of True-Up Adjustment
Less Over (Under) Recovery
Total Interest
Note 1: Revenue requirements billed is input, source data are the invoices from NYISO. The amounts exclude any true ups or prior period adjustments. Note 2: The actual revenue requirement is input from Attachment 4, line 66 , column $p$. The amounts exclude any true-ups or prior period adjustments. Note 3: This "Example" sheet will be populated with actuals and used in each year's annual true-up calculation.

## True-Up Interest Calculation

FERC Quarterly Interest Rate
FERC Quarterly inter)
Qtr 3 (Previous Year)
Qtr 4 (Previous Year)
Qtr 1 (Current Year)
Qtr 2 (Current Year)
Average of the last 4 quarter
Average of the last 4 quarters (Lines 1-4/4)
Interest Rate Used for True-up adjustment (Note B)
Monthly Interest Rate for Attachment 7

Attachment 7a

18 C.F.R. Sectio 8 C.F.R. Sectio 1835.19 (a) 3.25\% $3.25 \%$ $3.25 \%$ 3.25\% 3.25\%


Calculation of Applicable Interest Expense for each ATRR period

| Interest Rate on Amount of | ds or Surcharges from 35.19a | Over (Under) Recovery Plus Interest | Hypothetical Monthly Interest Rate | Months | Calculated Interest | Amortization | Surcharge (Refund) Owed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Calculation of Interest for 2014 True-Up Period |  |  |  |  |  |  |  |
| An over or under collection will be recovered prorata over 2014, held for 2015, 2016, 2017, 2018, and 2019 and returned prorate over 2020 |  |  |  | Monthly |  |  |  |
| January | Year 2014 | - | 0.5500\% | 12.00 | - |  | - |
| February | Year 2014 | - | 0.5500\% | 11.00 | - |  | - |
| March | Year 2014 | 10,000 | 0.5500\% | 10.00 | (550) |  | $(10,550)$ |
| April | Year 2014 | 10,000 | 0.5500\% | 9.00 | (495) |  | $(10,495)$ |
| May | Year 2014 | 10,000 | 0.5500\% | 8.00 | (440) |  | $(10,440)$ |
| June | Year 2014 | 10,000 | 0.5500\% | 7.00 | (385) |  | $(10,385)$ |
| July | Year 2014 | 10,000 | 0.5500\% | 6.00 | (330) |  | $(10,330)$ |
| August | Year 2014 | 10,000 | 0.5500\% | 5.00 | (275) |  | $(10,275)$ |
| September | Year 2014 | 10,000 | 0.5500\% | 4.00 | (220) |  | $(10,220)$ |
| October | Year 2014 | 10,000 | 0.5500\% | 3.00 | (165) |  | $(10,165)$ |
| November | Year 2014 | 10,000 | 0.5500\% | 2.00 | (110) |  | $(10,110)$ |
| December | Year 2014 | 10,000 | 0.5500\% | 1.00 | (55) |  | $(10,055)$ |
|  |  |  |  |  | $(3,025)$ |  | $(103,025)$ |
|  |  |  |  |  | Annual |  |  |
| January through December | Year 2015 | $(103,025)$ | 0.5600\% | 12.00 | $(6,923)$ |  | $(109,948)$ |
| January through December | Year 2016 | $(109,948)$ | 0.5400\% | 12.00 | $(7,125)$ |  | $(117,073)$ |
| January through December | Year 2017 | $(117,073)$ | 0.5800\% | 12.00 | $(8,148)$ |  | $(125,221)$ |
| January through December | Year 2018 | $(125,221)$ | 0.5700\% | 12.00 | $(8,565)$ |  | $(133,786)$ |
| January through December | Year 2019 | $(133,786)$ | 0.5700\% | 12.00 | $(9,151)$ |  | $(142,937)$ |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  | Monthly |  |  |  |
| January | Year 2020 | 142,937 | 0.5700\% |  | (815) | $(12,357)$ | $(131,395)$ |
| February | Year 2020 | 131,395 | 0.5700\% |  | (749) | $(12,357)$ | $(119,786)$ |
| March | Year 2020 | 119,786 | 0.5700\% |  | (683) | $(12,357)$ | $(108,112)$ |
| April | Year 2020 | 108,112 | 0.5700\% |  | (616) | $(12,357)$ | $(96,371)$ |
| May | Year 2020 | 96,371 | 0.5700\% |  | (549) | $(12,357)$ | $(84,563)$ |
| June | Year 2020 | 84,563 | 0.5700\% |  | (482) | $(12,357)$ | $(72,687)$ |
| July | Year 2020 | 72,687 | 0.5700\% |  | (414) | $(12,357)$ | $(60,744)$ |
| August | Year 2020 | 60,744 | 0.5700\% |  | (346) | $(12,357)$ | $(48,733)$ |
| September | Year 2020 | 48,733 | 0.5700\% |  | (278) | $(12,357)$ | $(36,653)$ |
| October | Year 2020 | 36,653 | 0.5700\% |  | (209) | $(12,357)$ | $(24,505)$ |
| November | Year 2020 | 24,505 | 0.5700\% |  | (140) | $(12,357)$ | $(12,287)$ |
| December | Year 2020 | 12,287 | 0.5700\% |  | $\frac{(70)}{(5,351)}$ | $(12,357)$ | 0 |
| Total Amount of True-Up Adjustment for 2014 ATRR |  |  |  |  |  | \$ $(148,288)$ |  |
| Less Over (Under) RecoveryTotal Interest |  |  |  |  |  | \$ 100,000 |  |
|  |  |  |  |  |  | \$ $(48,288)$ |  |


| Calculation of Interest for 2015 True-Up Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| An over or under collection will be recovered prorata over 2015, held for 2016, 2017, 2018, and 2019 and returned prorate over 2020 |  |  |  |  | Monthly |  |  |
| January | Year 2015 | $(12,500)$ | 0.5600\% | 12.00 | 840 |  | 13,340 |
| February | Year 2015 | $(12,500)$ | 0.5600\% | 11.00 | 770 |  | 13,270 |
| March | Year 2015 | $(12,500)$ | 0.5600\% | 10.00 | 700 |  | 13,200 |
| April | Year 2015 | $(12,500)$ | 0.5600\% | 9.00 | 630 |  | 13,130 |
| May | Year 2015 | $(12,500)$ | 0.5600\% | 8.00 | 560 |  | 13,060 |
| June | Year 2015 | $(12,500)$ | 0.5600\% | 7.00 | 490 |  | 12,990 |
| July | Year 2015 | $(12,500)$ | 0.5600\% | 6.00 | 420 |  | 12,920 |
| August | Year 2015 | $(12,500)$ | 0.5600\% | 5.00 | 350 |  | 12,850 |
| September | Year 2015 | $(12,500)$ | 0.5600\% | 4.00 | 280 |  | 12,780 |
| October | Year 2015 | $(12,500)$ | 0.5600\% | 3.00 | 210 |  | 12,710 |
| November | Year 2015 | $(12,500)$ | 0.5600\% | 2.00 | 140 |  | 12,640 |
| December | Year 2015 | $(12,500)$ | 0.5600\% | 1.00 | 70 |  | 12,570 |
|  |  |  |  |  | 5,460 |  | 155,460 |
|  |  | Annual |  |  |  |  |  |
| January through December | Year 2016 | 155,460 | 0.5400\% | 12.00 | 10,074 |  | 165,534 |
| January through December | Year 2017 | 165,534 | 0.5800\% | 12.00 | 11,521 |  | 177,055 |
| January through December | Year 2018 | 177,055 | 0.5700\% | 12.00 | 12,111 |  | 189,166 |
| January through December | Year 2019 | 189,166 | 0.5700\% | 12.00 | 12,939 |  | 202,104 |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  |  | Monthly |  |  |
| January | Year 2020 | $(202,104)$ | 0.5700\% |  | 1,152 | 17,473 | 185,784 |
| February | Year 2020 | $(185,784)$ | 0.5700\% |  | 1,059 | 17,473 | 169,370 |
| March | Year 2020 | $(169,370)$ | 0.5700\% |  | 965 | 17,473 | 152,863 |
| April | Year 2020 | $(152,863)$ | 0.5700\% |  | 871 | 17,473 | 136,262 |
| May | Year 2020 | $(136,262)$ | 0.5700\% |  | 777 | 17,473 | 119,566 |
| June | Year 2020 | $(119,566)$ | 0.5700\% |  | 682 | 17,473 | 102,775 |
| July | Year 2020 | $(102,775)$ | 0.5700\% |  | 586 | 17,473 | 85,888 |
| August | Year 2020 | $(85,888)$ | 0.5700\% |  | 490 | 17,473 | 68,905 |
| September | Year 2020 | $(68,905)$ | 0.5700\% |  | 393 | 17,473 | 51,826 |
| October | Year 2020 | $(51,826)$ | 0.5700\% |  | 295 | 17,473 | 34,649 |
| November | Year 2020 | $(34,649)$ | 0.5700\% |  | 197 | 17,473 | 17,374 |
| December | Year 2020 | $(17,374)$ | 0.5700\% |  | 99 | 17,473 | (0) |
|  |  |  |  |  | 7,566 |  |  |
| Total Amount of True-Up Adjustment for 2015 ATRR |  |  |  |  |  | 209,670 |  |
|  |  |  |  |  | Less Over (Under) Recovery | $(150,000)$ |  |
| Total Interest |  |  |  |  |  | 59,670 |  |


| Calculation of Interest for 2016 True-Up Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| An over or under collection will be recovered prorata over 2016, held for 2017, 2018 and 2019 and returned prorate over 2020 |  |  |  |  | Monthly |  |  |
| January | Year 2016 | 8,333 | 0.5400\% | 12.00 | (540) |  | $(8,873)$ |
| February | Year 2016 | 8,333 | 0.5400\% | 11.00 | (495) |  | $(8,828)$ |
| March | Year 2016 | 8,333 | 0.5400\% | 10.00 | (450) |  | $(8,783)$ |
| April | Year 2016 | 8,333 | 0.5400\% | 9.00 | (405) |  | $(8,738)$ |
| May | Year 2016 | 8,333 | 0.5400\% | 8.00 | (360) |  | $(8,693)$ |
| June | Year 2016 | 8,333 | 0.5400\% | 7.00 | (315) |  | $(8,648)$ |
| July | Year 2016 | 8,333 | 0.5400\% | 6.00 | (270) |  | $(8,603)$ |
| August | Year 2016 | 8,333 | 0.5400\% | 5.00 | (225) |  | $(8,558)$ |
| September | Year 2016 | 8,333 | 0.5400\% | 4.00 | (180) |  | $(8,513)$ |
| October | Year 2016 | 8,333 | 0.5400\% | 3.00 | (135) |  | $(8,468)$ |
| November | Year 2016 | 8,333 | 0.5400\% | 2.00 | (90) |  | $(8,423)$ |
| December | Year 2016 | 8,333 | 0.5400\% | 1.00 | (45) |  | $(8,378)$ |
|  |  |  |  |  | $(3,510)$ |  | $(103,510)$ |
|  |  | Annual |  |  |  |  |  |
| January through December | Year 2017 | $(103,510)$ | 0.5800\% | 12.00 | $(7,204)$ |  | $(110,714)$ |
| January through December | Year 2018 | $(110,714)$ | 0.5700\% | 12.00 | $(7,573)$ |  | $(118,287)$ |
| January through December | Year 2019 | $(118,287)$ | 0.5700\% | 12.00 | $(8,091)$ |  | $(126,378)$ |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  |  | Monthly |  |  |
| January | Year 2020 | 126,378 | 0.5700\% |  | (720) | $(10,926)$ | $(116,173)$ |
| February | Year 2020 | 116,173 | 0.5700\% |  | (662) | $(10,926)$ | $(105,909)$ |
| March | Year 2020 | 105,909 | 0.5700\% |  | (604) | $(10,926)$ | $(95,587)$ |
| April | Year 2020 | 95,587 | 0.5700\% |  | (545) | $(10,926)$ | $(85,206)$ |
| May | Year 2020 | 85,206 | 0.5700\% |  | (486) | $(10,926)$ | $(74,766)$ |
| June | Year 2020 | 74,766 | 0.5700\% |  | (426) | $(10,926)$ | $(64,266)$ |
| July | Year 2020 | 64,266 | 0.5700\% |  | (366) | $(10,926)$ | $(53,707)$ |
| August | Year 2020 | 53,707 | 0.5700\% |  | (306) | $(10,926)$ | $(43,087)$ |
| September | Year 2020 | 43,087 | 0.5700\% |  | (246) | $(10,926)$ | $(32,407)$ |
| October | Year 2020 | 32,407 | 0.5700\% |  | (185) | $(10,926)$ | $(21,666)$ |
| November | Year 2020 | 21,666 | 0.5700\% |  | (123) | $(10,926)$ | $(10,864)$ |
| December | Year 2020 | 10,864 | 0.5700\% |  | (62) | $(10,926)$ | 0 |
|  |  |  |  |  | $(4,731)$ |  |  |
| Total Amount of True-Up Adjustment for 2016 ATRR |  |  |  |  |  | $(131,109)$ |  |
| Less Over (Under) Recovery |  |  |  |  |  | 100,000 |  |
| Total Interest |  |  |  |  |  | $(31,109)$ |  |

Attachment 8 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan New York Transco LLC

| Calculation of Interest for 2017 True-Up Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| An over or under collection will be recovered prorata over 2017, held for 2018 and 2019, and returned prorate over 2020 |  |  |  |  | Monthly |  |  |
| January | Year 2017 | 25,000 | 0.5800\% | 12.00 | $(1,740)$ |  | $(26,740)$ |
| February | Year 2017 | 25,000 | 0.5800\% | 11.00 | $(1,595)$ |  | $(26,595)$ |
| March | Year 2017 | 25,000 | 0.5800\% | 10.00 | $(1,450)$ |  | $(26,450)$ |
| April | Year 2017 | 25,000 | 0.5800\% | 9.00 | $(1,305)$ |  | $(26,305)$ |
| May | Year 2017 | 25,000 | 0.5800\% | 8.00 | $(1,160)$ |  | $(26,160)$ |
| June | Year 2017 | 25,000 | 0.5800\% | 7.00 | $(1,015)$ |  | $(26,015)$ |
| July | Year 2017 | 25,000 | 0.5800\% | 6.00 | (870) |  | $(25,870)$ |
| August | Year 2017 | 25,000 | 0.5800\% | 5.00 | (725) |  | $(25,725)$ |
| September | Year 2017 | 25,000 | 0.5800\% | 4.00 | (580) |  | $(2,580)$ |
| October | Year 2017 | 25,000 | 0.5800\% | 3.00 | (435) |  | $(25,435)$ |
| November | Year 2017 | 25,000 | 0.5800\% | 2.00 | (290) |  | $(25,290)$ |
| December | Year 2017 | 25,000 | 0.5800\% | 1.00 | (145) |  | $(25,145)$ |
|  |  |  |  |  | (11,310) |  | $(311,310)$ |
|  |  | Annual |  |  |  |  |  |
| January through December | Year 2018 | (311,310) | 0.5700\% | 12.00 | $(21,294)$ |  | $(332,604)$ |
| January through December | Year 2019 | $(332,604)$ | 0.5700\% | 12.00 | $(22,750)$ |  | $(355,354)$ |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  |  |  | Monthly |  |  |
| January | Year 2020 | 355,354 | 0.5700\% |  | $(2,026)$ | $(30,721)$ | $(326,658)$ |
| February | Year 2020 | 326,658 | 0.5700\% |  | $(1,862)$ | $(30,721)$ | $(297,798)$ |
| March | Year 2020 | 297,798 | 0.5700\% |  | $(1,697)$ | $(30,721)$ | $(268,774)$ |
| April | Year 2020 | 268,774 | 0.5700\% |  | $(1,532)$ | $(30,721)$ | $(239,585)$ |
| May | Year 2020 | 239,585 | 0.5700\% |  | $(1,366)$ | $(30,721)$ | $(210,229)$ |
| June | Year 2020 | 210,229 | 0.5700\% |  | $(1,198)$ | $(30,721)$ | $(180,706)$ |
| July | Year 2020 | 180,706 | 0.5700\% |  | $(1,030)$ | $(30,721)$ | $(151,015)$ |
| August | Year 2020 | 151,015 | 0.5700\% |  | (861) | $(30,721)$ | $(121,154)$ |
| September | Year 2020 | 121,154 | 0.5700\% |  | (691) | $(30,721)$ | $(91,123)$ |
| October | Year 2020 | 91,123 | 0.5700\% |  | (519) | $(30,721)$ | $(60,921)$ |
| November | Year 2020 | 60,921 | 0.5700\% |  | (347) | $(30,721)$ | $(30,547)$ |
| December | Year 2020 | 30,547 | 0.5700\% |  | (174) | $(30,721)$ | 0 |
|  |  |  |  |  | $(13,303)$ |  |  |
| Total Amount of True-Up Adjustment for 2017 ATRR |  |  |  |  |  | $(368,657)$ |  |
| Less Over (Under) Recovery |  |  |  |  |  | 300,000 |  |
| Total Interest |  |  |  |  |  | $(68,657)$ |  |


| Calculation of Interest for 2018 True-Up Period |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| An over or under collection will be recovered prorata over 2018, held for 2019 and returned prorate over 2020 |  |  |  |  | Monthly |  |  |
| January | Year 2018 | 8,333 | 0.5700\% | 12.00 | (570) |  | $(8,903)$ |
| February | Year 2018 | 8,333 | 0.5700\% | 11.00 | (523) |  | $(8,856)$ |
| March | Year 2018 | 8,333 | 0.5700\% | 10.00 | (475) |  | $(8,808)$ |
| April | Year 2018 | 8,333 | 0.5700\% | 9.00 | (428) |  | $(8,761)$ |
| May | Year 2018 | 8,333 | 0.5700\% | 8.00 | (380) |  | $(8,713)$ |
| June | Year 2018 | 8,333 | 0.5700\% | 7.00 | (333) |  | $(8,666)$ |
| July | Year 2018 | 8,333 | 0.5700\% | 6.00 | (285) |  | $(8,618)$ |
| August | Year 2018 | 8,333 | 0.5700\% | 5.00 | (238) |  | $(8,571)$ |
| September | Year 2018 | 8,333 | 0.5700\% | 4.00 | (190) |  | $(8,523)$ |
| October | Year 2018 | 8,333 | 0.5700\% | 3.00 | (143) |  | $(8,476)$ |
| November | Year 2018 | 8,333 | 0.5700\% | 2.00 | (95) |  | $(8,428)$ |
| December | Year 2018 | 8,333 | 0.5700\% | 1.00 | (48) |  | $(8,381)$ |
|  |  |  |  |  | $(3,705)$ |  | $(103,705)$ |
|  |  |  |  |  |  |  |  |
| January through December | Year 2019 | $(103,705)$ | 0.5700\% | 12.00 | $(7,093)$ |  | $(110,798)$ |
| Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months |  |  | Monthly |  |  |  |  |
| January | Year 2020 | 110,798 | 0.5700\% |  | (632) | $(9,579)$ | $(101,851)$ |
| February | Year 2020 | 101,851 | 0.5700\% |  | (581) | $(9,579)$ | $(92,853)$ |
| March | Year 2020 | 92,853 | 0.5700\% |  | (529) | $(9,579)$ | $(83,803)$ |
| April | Year 2020 | 83,803 | 0.5700\% |  | (478) | $(9,579)$ | $(74,702)$ |
| May | Year 2020 | 74,702 | 0.5700\% |  | (426) | $(9,579)$ | $(65,549)$ |
| June | Year 2020 | 65,549 | 0.5700\% |  | (374) | $(9,579)$ | $(56,344)$ |
| July | Year 2020 | 56,344 | 0.5700\% |  | (321) | $(9,579)$ | $(47,086)$ |
| August | Year 2020 | 47,086 | 0.5700\% |  | (268) | $(9,579)$ | $(37,776)$ |
| September | Year 2020 | 37,776 | 0.5700\% |  | (215) | $(9,579)$ | $(28,412)$ |
| October | Year 2020 | 28,412 | 0.5700\% |  | (162) | $(9,579)$ | $(18,995)$ |
| November | Year 2020 | 18,995 | 0.5700\% |  | (108) | $(9,579)$ | $(9,525)$ |
| December | Year 2020 | 9,525 | 0.5700\% |  | $(54)$ $(4,148)$ | $(9,579)$ | , |
| Total Amount of True-Up Adjustment for 2018 ATRR |  |  |  |  |  | $(114,946)$ |  |
| Less Over (Under) Recovery <br> Total Interest |  |  |  |  |  | 100,000 |  |
|  |  |  |  |  |  | $(14,946)$ |  |

Note 1: This 'Hypothetical Example' sheet will be populated with actuals and used in each year's annual true-up calculation.
Note 2: Enter the revenue requirement trom the true-up for that year (Note 2)
Note 3: Enter the revenue requirement from re-running the prior year true-ups with the final cost of debt once all inputs to Attachment 5 are based on actual data.

## Attachment 9 - Depreciation and Amortization Rates New York Transco LLC

| Account Number | FERC Account | Rate (Annual) Percent |
| :---: | :---: | :---: |
| TRANSMISSION PLANT |  |  |
| 1350.1 | Land Rights | 1.02 |
| 2352 | Structures and Improvements | 2.05 |
| 3353 | Station Equipment | 2.26 |
| 4354 | Towers and Fixtures | 2.04 |
| 5355 | Poles and Fixtures | 2.24 |
| 6356 | Overhead Conductor and Devices | 2.22 |
| 7357 | Underground Conduit | 2.05 |
| 8358 | Underground Conductor and Devices | 2.39 |
| 9359 | Roads \& Trails | 1.17 |
| 10 PRODUCTION PLANT | All Accounts | 0.00 |
| 11 DISTRIBUTION PLANT | All Accounts | 0.00 |
| GENERAL PLANT |  |  |
| 12390 | Structures \& Improvements | 3.36 |
| 13391 | Office Furniture \& Equipment | 5.24 |
| 14392 | Transportation Equipment | 9.78 |
| 15393 | Stores Equipment | 3.91 |
| 16394 | Tools, Shop \& Garage Equipment | 4.68 |
| 17395 | Laboratory Equipment | 3.75 |
| 18396 | Power Operated Equipment | 7.62 |
| 19397 | Communication Equipment | 3.82 |
| 20398 | Miscellaneous Equipment | 4.55 |
| INTANGIBLE PLANT |  |  |
| 21303 | Miscellaneous Intangible Plant |  |
|  | 5 Yr | 20.00 |
|  | 7 Yr | 14.29 |
|  | 10 Year | 10.00 |
|  | 15 year | 6.67 |
|  | Transmission facility Contributions in Aid of Construction | Note 1 |

These depreciation and amortization rates will not change absent the appropriate filing at FERC.

Note 1: In the event a Contribution in Aid of Construction (CIAC) is made for a transmission facility, the transmission depreciation rates above will be weighted based on the relative amount of underlying plant booked to the accounts shown in lines 1-7 above and the weighted average depreciation rate will be used to amortize the CIAC. Once determined for a particular CIAC, the rate will not change for that CIAC absent Commission approval.


- Nonzzero values in these columns may ony be estalisheed per FERC order

Land Held tor Future Use (LHFU)


Toal LHFU in rate base (sum line 5.a.5x):


Change to recoverey percent in $C$ oumm (i) requires ERRC orider

Actual Additions by FERC Account


Inangible Plant Detail
The toal

|  | Item Description | Source | Senice life | Amount |
| :---: | :---: | :---: | :---: | :---: |
| $11 a$ |  | Company Records |  |  |
| ${ }_{11 \mathrm{~b}}$ |  | Company Records |  |  |
| 110 |  | company Records |  |  |
| . |  | Company Recoris |  |  |
| .- |  | Company Records |  |  |
| - |  | Company Records |  |  |
| " |  | Company Records Company Records |  |  |
| " |  | Company Records |  |  |
| ". |  | Company Records <br> Company Records |  |  |
| . |  | Company Recoris |  |  |
|  |  | Company Records |  |  |
|  |  | Company Records Company Records |  |  |
| $11 \times$ |  | company Records |  |  |

Detail of Affiliate Charges Included in NY Transco's Books as Requested by Certain Parties to the Filing




[^0]:    Notes 1 The IRR is the input to Debt Cost shown on Appendix A, Page 4, Line 91 during the construction period, after obtaining project financing, in accordance with Note $G$ of Appendix $A$.
    2. The IRR is a discount rate that makes the net present value of a series of cash flows equal to zero. The IRR equation is shown on line 4 .

    N is the last quarter the loan would be outstanding
    $t$ is each quarter
    Ct is the cash flow (Table 5, Col. I in each quarter)
    Alternatively the equation can be written as $0=\mathrm{C} 0+\mathrm{C} 1 /(1+\mathrm{IRR})+\mathrm{C} 2 /(1+\mathrm{IRR}) 2+\mathrm{C} 3 /(1+\mathrm{IRR}) 3+\ldots+\mathrm{Cn} /(1+\mathrm{IRR})$ n and solved for IRR
    The Excel ${ }^{\text {TM }}$ formula on line 2 is: (round(XIRR(first quarter of loan Col A of Table 5:last quarter of loan Col A of Table 5, first quarter of loan Col I of Table 5: last quarter of loan Col I of Table 5, 8\%),4))
    The $8 \%$ in the above formula is a seed number to ensure the formula produces a positive number.
    Line 1 reflects the loan amount, the maximum amount that can be drawn on
    4. Lines 5 through 13 include the fees associated with the loan. They are estimated based on current bank condition and are updated with the actual fees
    once the actual fees are known.
    . The estimate of the average 3 month Libor forward rate for the year on line 14 is that published by Bloomberg Finance L.P. during August of the prior year and is trued-up to actual
    average 3 month Libor rate for the year under the loan.
    6. Table 5, Col. C reflect the capital expenditures in each quarter
    7. Table $5, \mathrm{Col}$. D reflect the amount of the loan that is drawn down in the quarter
    . Table 5, Col. E is the amount of principle drawn down
    9. Table $5, \mathrm{Col} \mathrm{F}$ calculates the interest on the principle drawn down to date based on the applicable interest on line 16
    10. Table 5, Col. $G$ is the total origination fees in line 10 and is input in the first quarter that a portion of the loan in drawn

    1. Table $5, \mathrm{Col}$. H is calculated as follows

    $$
    \begin{aligned}
    & \text { (line } 1 / 1000 \text { less Col. E prior quarter)* line } 13 / 4+\text { line } 12 / 4000+\text { line } 11 / 4000 \\
    & \text { Where } \mathrm{A}=\text { Loan amount in line } 1 \text { less the amount drawn down (Table } 5 \text {, Col. (E) in the prior quarter }
    \end{aligned}
    $$

    The inputs shall be estimated based on the current market conditions and is subject to (t) ) in the prior quarter for all inputs es interest rates, spread, and Table 3 once the
    amounts are known
    13. Prior to obtaining long term debt, the cost of debt, will be $3.28 \%$. If NY Transco obtains project financing, the long term debt rate will be determined using the methodology in Attachment 5 and Attachment 5 contains a hypothetical example of the internal rate of return methodology; the methodology will be applied to actual amounts for use in Attachment A. After the first project is placed into service, NY Transco will use the its actual cost of long ferm debt determined in Attachment 3 . The capital structure will be the actual capital structure up to $53 \%$ equity

