# 36 Attachment DD – Rules to Allocate the Cost of NY Transco LLC Transmission Facilities and Formula Rates

## 36.1 Overview

### 36.1.1 Cost Allocation

The purpose of Section 36.2 is to provide for the allocation of costs to be recovered through the Transco Facilities Charge (“TFC”) described in Section 6.13 of Schedule 13 of the ISO OATT for the following New York Transco, LLC (“NY Transco”) projects:

* The projects approved by the New York Public Service Commission on November 4, 2013, in Case No. 12-E-0503 (the “Transmission Owner Transmission Solutions” or “TOTS” projects): (1) the Second Ramapo-to-Rock Tavern 345-kV Line Project; (2) the Marcy South Series Compensation and Fraser-to-Coopers Corners Reconductoring Project; and (3) the Staten Island Unbottling Project.1[1 ]
* The Segment B facilities the need for which was determined by the NYPSC on December 17, 2015, in Case No. 12-T-0502 (“AC Public Policy Transmission Need Order”) and identified in Appendix A of the AC Public Policy Transmission Need Order, and selected by an ISO Board of Directors’ decision and Public Policy Transmission Planning Report issued April 8, 2019 (and identified therein as “Project T019”) pursuant to the Public Policy Transmission Planning Process set forth in Section 31.4 of Attachment Y of the ISO OATT, consisting of: (1) the Knickerbocker to Pleasant Valley project; and, (2) if applicable, the Segment B Additions, as defined in the settlement approved by the Federal Energy Regulatory Commission on November 16, 2017, in Docket No. ER15-572-000, et al. (the “Segment B Facilities”).

### 36.1.2 Formula Rates

Section 36.3 provides NY Transco’s formula rate and implementation rules for the formula rate to recover costs related to its projects through the TFC.

## 36.2 Attachment 1 to Attachment DD

### 36.2.1 Allocation Tables

#### 36.2.1.1 TOTS Projects

|  |  |
| --- | --- |
| COST ALLOCATION TABLE | |
| Transmission District | Allocation of Project Costs (%) |
| Consolidated Edison Co. of NY, Inc.  Orange and Rockland Utilities, Inc. | 63.18 |
| Long Island Power Authority | 8.55 |
| Niagara Mohawk Power Corp. | 12.16 |
| New York Gas & Electric Corp.  Rochester Gas and Electric Corp. | 10.12 |
| Central Hudson Gas & Electric Corp. | 5.99 |
| New York Power Authority | Load is treated the same as all other load serving entities (“LSE”) and NYPA as an LSE will pay the same rate as the LSEs in each transmission district. |

**36.2.1.2 Segment B Facilities**

COST ALLOCATION TABLE

|  |  |  |
| --- | --- | --- |
|  | Load Zone | Allocation of Project Costs (%) |
| Upstate | A | 2.450 |
| B | 1.525 |
| C | 2.525 |
| D | 0.750 |
| E | 1.300 |
| F | 1.950 |
| Downstate | G | 4.425 |
| H | 2.300 |
| I | 9.500 |
| J | 69.675 |
| K | 3.600 |
| NYCA | | 100 |

## 36.3 Attachment 2 to Attachment DD

### 36.3.1 Formula Rates

#### 36.3.1.1 Rate Formula Template

Index

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 Main body of the Formula Rate

Attachment 1 Detail of the Revenue Credits

Attachment 2 Monthly Plant and Accumulated Depreciation balances

Attachment 3 Cost Support Detail

Attachment 4 Calculations showing the revenue requirement by Investment, including any Incentives, Attachment 5 Cost of Debt should Construction Financing be Obtained

Attachment 6a and 6b Detail of the Accumulated Deferred Income Tax Balances

Attachment 7 and 7a True-Up calculations

Attachment 8 True-Up for the Construction Financing calculations in Attachment 5

Attachment 9 Depreciation Rates

Attachment 10 Workpapers

Appendix A Page 1 of 5

Formula Rate - Non-Levelized Rate Formula Template

Utilizing FERC Form 1 Data Projected Annual Transmission Revenue Requirement

For the 12 months ended 12/31/

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | New York Transco LLC  (1) | (2) | (3) |
| Line  No. |  |  |  |  | Allocated  Amount |
| 1 | GROSS REVENUE REQUIREMENT | (line 74) |  | 12 months | $ - |
|  | REVENUE CREDITS |  | Total | Allocator |  |
| 2 | Total Revenue Credits | Attachment 1, line 6 | - TP | 1.0000 | - |
| 3 | Net Revenue Requirement | (line 1 minus line 2) |  |  | - |
| 4 | True-up Adjustment | Attachment 7 | - DA | 1.00000 | - |
| 5 | NET ADJUSTED REVENUE REQUIREMENT | (line 3 plus line 4) |  |  | $ - |

Appendix A Page 2 of 5

Formula Rate - Non-Levelized Rate Formula Template

Utilizing FERC Form 1 Data

**New York Transco LLC**

(1) (2) (3) (4) (5)

**Form No. 1 Transmission** Line **Page, Line, Col. Company Total Allocator** (Col 3 times Col 4) No. **RATE BASE:**

For the 12 months ended 12/31/

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 6 | GROSS PLANT IN SERVICE (Note M) Production | (Attach 2, line 75) | - NA | - | - |
| 7 | Transmission | (Attach 2, line 15) | - TP | 1.0000 | - |
| 8 | Distribution | (Attach 2, line 30) | - NA | - | - |
| 9 | General & Intangible | (Attach 2, lines 45 & 60) | - W/S | - | - |
| 10 | TOTAL GROSS PLANT (sum lines 6-9) | (GP=1 if plant =0) | - GP= | - | - |

11 ACCUMULATED DEPRECIATION & AMORTIZATION (Note M)

12 Production (Attach 2, line 151) - NA - -

13 Transmission (Attach 2, line 91) - TP 1.0000 -

14 Distribution (Attach 2, line 106) - NA - -

15 General & Intangible (Attach 2, lines 121 & 136 - W/S - -

16 TOTAL ACCUM. DEPRECIATION (sum lines 12-15) - -

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 17 | NET PLANT IN SERVICE |  | | | |
| 18 | Production | (line 6- line 12) | - |  | - |
| 19 | Transmission | (line 7- line 13) | - |  | - |
| 20 | Distribution | (line 8- line 14) | - |  | - |
| 21 | General & Intangible | (line 9- line 15) | - |  | - |
| 22 | TOTAL NET PLANT (sum lines 18-21) | (NP=1 if plant =0) | - NP= | - | - |
| 23 | ADJUSTMENTS TO RATE BASE (Note A) |  |  |  |  |
| 24 | ADIT | (Attach 6a, line 9) | - TP | 1.0000 | - |
| 25 | Account No. 255 (enter negative) (Note F) | (Attach 3, line 153) | - NP | - | - |
| 26 | CWIP | (Attach 10) | - DA |  | - |
| 27 | Unfunded Reserves (enter negative) | (Attach 3, line 170a) | - DA | 1.0000 | - |
| 28 | Unamortized Regulatory Assets | (Attach 10) (Note L) | - DA | 1.0000 | - |

29 Unamortized Abandoned Plant (Attach 10) (Note K) - DA 1.0000 -

30 TOTAL ADJUSTMENTS (sum lines 24-29) - -

31 LAND HELD FOR FUTURE USE Attachment 10 - TP 1.0000 -

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 32 | WORKING CAPITAL (Note C) |  | | | |
| 33 | CWC | calculated (1/8 \* Line 45) | - |  | - |
| 34 | Materials & Supplies (Note B) | (Attach 3, line 189) | - TP | 1.0000 | - |

35 Prepayments (Account 165 - Note C) (Attach 3, line 170) - GP - -

36 TOTAL WORKING CAPITAL (sum lines 33-35) - -

37 RATE BASE (sum lines 22, 30, 31, & 36) - -

Appendix A Page 3 of 5

Formula Rate - Non-Levelized Rate Formula Template

Utilizing FERC Form 1 Data

**New York Transco LLC**

(1) (2) (3) (4) (5)

**Form No. 1 Transmission**

**Page, Line, Col. Company Total Allocator** (Col 3 times Col 4)

38 O&M

39 Transmission 321.112.b - TP= 1.0000 -

For the 12 months ended 12/31/

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 40 | Less Accounts 565, 561 and 561.1 to 561.8 | 321.96.b & 84.b to 92.b | - TP= | 1.0000 | - |
| 41 | A&G | 323.197.b | - W/S | - | - |
| 42 | Less EPRI & Reg. Comm. Exp. & Other Ad. | (Note D & Attach 3, line 171) | - DA | - | - |
| 43 | Plus Transmission Related Reg. Comm. Exp. | (Note D & Attach 3, line 172) | - TP= | 1.0000 | - |
| 44 | PBOP expense adjustment | (Attach 3, line 243) | - TP= | 1.0000 | - |
| 44a | Less Account 566 | 321.97.b | - DA | - | - |
| 44b | Amortization of Regulatory Assets | (Attach 10, line 2) | - DA | - | - |
| 44c  45 | Account 566 excluding amort. of Reg Assets  TOTAL O&M (sum lines 39, 41, 43, 44, 44b, 44c | (line 44a less line 44b)  less lines 40 & 42, 44a) (Note D) | - DA  - | - | -  - |
| 46 | DEPRECIATION EXPENSE |  |  |  |  |
| 47 | Transmission | 336.7.f (Note M) | - TP | 1.0000 | - |
| 48 | General and Intangible | 336.1.f + 336.10.f (Note M) | - W/S | - | - |

49 Amortization of Abandoned Plant (Attach 3, line 155) (Note K) - DA 1.0000 -

50 TOTAL DEPRECIATION (Sum lines 47-49) - -

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 51 | TAXES OTHER THAN INCOME TAXES (Note E) |  | | | |
| 52 | LABOR RELATED |
| 53 | Payroll | 263.\_.i (enter FN1 line #) | - W/S |  | - - |
| 54 | Highway and vehicle | 263.\_.i (enter FN1 line #) | - W/S |  | - - |
| 55 PLANT RELATED | | | | | |
| 56 | Property 263.\_.i (enter FN1 line #) | | - GP |  | - - |
| 57 | Gross Receipts 263.\_.i (enter FN1 line #) | | - NA |  | - - |
| 58 | Other 263.\_.i (enter FN1 line #) | | - GP |  | - - |
| 59 | TOTAL OTHER TAXES (sum lines 53-58) | | - |  | - |
| 60 | INCOME TAXES (Note F) | |  |  |  |
| 61 | T=1 - {[(1 - SIT) \* (1 - FIT)] / (1 - SIT \* FIT \* p))}\*(1-n) = | | - |  |  |
| 62 | CIT=(T/1-T) \* (1-(WCLTD/R)) = | | - |  |  |
| 63 | where WCLTD=(line 91) and R= (line 94) | |  |  |  |
| 64 | and FIT, SIT, p, & n are as given in footnote F. | |  |  |  |
| 65 | 1 / (1 - T) = (T from line 61) | | - |  |  |
| 66 | Amortized Investment Tax Credit (Atttachment 4, line 14) | | - |  |  |
| 67 | Income Tax Calculation = line 62 \* line 71 \* (1-n) | | - |  | - |
| 68 | ITC adjustment (line 65 \* line 66 \* (1- n)) | | - NP |  | - - |
| 69 Total Income Taxes (line 67 plus line 68) - - | | | | | |
| 70 | RETURN | |  |  |  |
| 71 | [ Rate Base (line 37) \* Rate of Return (line 94)] | | - NA |  | - |
| 72 | Rev Requirement before Incentive Projects (sum lines 45, 50, 59, 69, 71) | | - |  | - |
| 73 | Incentive Return and Income Tax on Authorized Projects (Attach 4, line 67, col h & j) | | - DA | 100% | - |
| 74 | Total Revenue Requirement (sum lines 72 & 73) | | - |  | - |

Appendix A Page 4 of 5

Formula Rate - Non-Levelized Rate Formula Template

Utilizing FERC Form 1 Data

**New York Transco LLC SUPPORTING CALCULATIONS AND NOTES**

75 TRANSMISSION PLANT INCLUDED IN RTO RATES

76 Total transmission plant (line 7, column 3) -

77 Less transmission plant excluded from RTO rates (Note H) (Attachment 3, line 175) -

For the 12 months ended 12/31/

|  |  |  |  |
| --- | --- | --- | --- |
| 78 | Less transmission plant included in OATT Ancillary Services (Note H) | (Attachment 3, line 175) | - |
| 79 | Transmission plant included in RTO rates (line 76 less lines 77 & 78) |  | - |

80 Percentage of transmission plant included in RTO Rates (line 79 divided by line 76) [If line 76 equal zero, enter 1) TP= 1.0000

81 WAGES & SALARY ALLOCATOR (W&S) (Note I)

82 Form 1 Reference $ TP Allocation

|  |  |  |
| --- | --- | --- |
| 354.20.b  354.21.b  354.23.b  354.24,25,26.b | - | 0.00 |
| - 1.00 | |
| -  - |  |

83 Production -

84 Transmission -

85 Distribution

86 Other

0.00 - W&S Allocator

0.00 - ($ / Allocation)

87 Total (sum lines 83-86) [TP equals 1 if there are no wages & salaries] - - = - = WS

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 88 | RETURN (R) (Note J) |  | | | | | | |
| 89 |  |  |  |  |  |  |  |  |
| 90 |  |  | $ % |  | Cost |  | Weighted |  |
| 91 | Long Term Debt | (Attach 3, lines 249 & 270 or Attach 5) (Note G) | - - |  | - |  | - | =WCLTD |
| 92 | Preferred Stock | (Attachment 3, lines 251 & 273) | - - |  | - |  | - |  |
| 93 | Common Stock | (Attachment 3, line 257) | - - |  | 9.50% |  | - |  |
| 94 | Total (sum lines 91-93) |  | - |  |  |  | - | =R |

Development of Base Carrying charge and Summary of Incentive and Non-Incentive Investments (a) (b) (c)

Source of Total Column

Non-incentive Investments from Attachment 4 (Note N)

Row

Numbers

Incentive Investments from Attachment 4 (Note N)

Row

Numb

ers Total

95 Net Transmission Plant in Service (Attachment 4, lines 66, 66a…, column b) - - - - -

96 CWIP in Rate Base (Line 26) - - -

97 Unamortized Abandoned Plant (Line 29) - -

98 Regulatory Assets (Line 28) - -

99 Development of Base Carrying charge and Summary of Incentive and Non-Incentive Investments (Sum of lines 95 to 98) - - -

100 Return and Taxes (Sum lines 69 & 71) -

101 Total Revenue Credits (Line 2) -

102 Base Carrying Charge (used in Attach 4, Line 65) (Line 100 - Line 101)/ Line 99 -

Note

Letter

**SUPPORTING CALCULATIONS AND NOTES**

Formula Rate - Non-Levelized Rate Formula Template

Utilizing FERC Form 1 Data

**New York Transco LLC**

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)

Appendix A Page 5 of 5

For the 12 months ended 12/31/

A The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related

to FASB 106 or 109. The formula uses the stated average of the beginning and end of year balances to prorate ADIT to comply with IRS normalization rules. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.

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.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) .

Inputs Required: FIT = -

SIT= - (State Income Tax Rate or Composite SIT from Attach 3)

p = - (percent of federal income tax deductible for state purposes)

n= - (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.

I 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)** Notes 1 & 3

1 Rent from FERC Form No. 1 -

|  |  |  |
| --- | --- | --- |
| **Account 456 (including 456.1) (300.21.b and 300.22.b)** | Notes 1 & 3 |  |
| 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 | Sum lines 2-5 + line 1 | - |

Note 1

Note 2

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.

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  Line No. | All Account 454 and 456 Revenues must be itemized below |  | | | |
| 1 | Account 456 | TOTAL | NY-ISO | Other 1 | Other 2 |
| 1a  …  1x | Transmission Service  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 -

9b Joint pole attachments - cable -

9c Underground rentals -

9d Transmission tower wireless rentals -

9e Misc non-transmission rentals -

9f -

9g -

…

9x -

10 Total -

**Attachment 2 - Cost Support**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | |  |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31 | **Calculation of Transmission Plant In Service** Source (Less ARO, see Note M) Year Balance | |  |
| December p206.58.b January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p207.58.g | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2015 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - |
| **Transmission Plant In Service** (sum lines 2-14) /13 -  **Calculation of Distribution Plant In Service** Source (Less ARO, see Note M) | |
| December p206.75.b January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p207.75.g | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - |
| **Distribution Plant In Service** (sum lines 17-29) /13 -  **Calculation of Intangible Plant In Service** Source (Less ARO, see Note M) | |

**New York Transco LLC**

**Plant in Service Worksheet**

Enter

Amount of Docket Nos. for

Transmission CIACs Transmission CIACs

|  |  |  |
| --- | --- | --- |
| December p204.5.b  January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p205.5.g | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - | -  -  -  -  -  -  -  -  -  -  -  -  - |
| **Intangible Plant In Service** (sum lines 32-44) /13 -  **Calculation of General Plant In Service** Source (Less ARO, see Note M) | |  |
| December p206.99.b January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p207.99.g | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - |
| **General Plant In Service** (sum lines 47-59) /13 -  **Calculation of Production Plant In Service** Source (Less ARO, see Note M) | |
| December p204.46b  January company records February company records March company records April company records May company records June company records July company records | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - |

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| --- | --- | --- | --- | --- |
| 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) |  | - |

**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 | - |
| 85 | July | company records | 2016 | - |
| 86 | August | company records | 2016 | - |
| 87 | September | company records | 2016 | - |
| 88 | October | company records | 2016 | - |
| 89 | November | company records | 2016 | - |
| 90 | December | p219.25.b | 2016 | - |
| 91 | **Transmission Accumulated Depreciation** | (sum lines 78-90) /13 |  | - |
| 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 | - |

|  |  |  |
| --- | --- | --- |
| October company records  November company records  December p219.26.b | 2016 -  2016 -  2016 - | Amount of  Transmission CIACs |
| **Distribution Accumulated Depreciation** (sum lines 93-105) /13 -  **Calculation of Intangible Accumulated Amortization** Source (Less ARO, see Note M) | |
| December Prior year p200.21.c January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p200.21.c | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - | -  -  -  -  -  -  -  -  -  -  -  -  - |
| **Accumulated Intangible Amortization** (sum lines 108-120) /13 -  **Calculation of General Accumulated Depreciation** Source (Less ARO, see Note M) | |  |
| December Prior year p219.28.b January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December p219.28.b | 2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 -  2016 - |
| **Accumulated General Depreciation** (sum lines 123-135) /13 -  **Calculation of Production Accumulated Depreciation** Source (Less ARO, see Note M) | |
| December p219.20:24.b (prior year) January company records | 2016 -  2016 - |

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| --- | --- | --- | --- | --- |
| 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) | - |

**Attachment 3 - Cost Support**

**New York Transco LLC**

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | **Details** |
| Numbering c  153  154  155  156  157  158  159  160  161  162  163  164  165  166  167  168  169  170 | ontinues from Attachment 2 Beginning of Year End of Year | | Average Balance  -  -  Amortization Expense  - |
| Account No. 255 (enter negative from FERC Form No. 1) 266.8 and 267.8 | - - |
| Unamortized Abandoned Plant Attachment 10, line 4, col. (y) (recovery of abandoned plant requires a FERC order approving the amount and recovery period) Amortization of Abandoned Plant Attachment 10, line 4, col. (h)  Prepayments (Account 165)  (Prepayments exclude Prepaid Pension Assets) Year Balance | |
| December 111.57.d  January company records February company records March company records April company records May company records June company records July company records August company records September company records October company records November company records December 111.57.c | - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - - |
| **Prepayments** (sum lines 157-169) /13 - | |
|  |

**Reserves**

170a (b) (c) (d) (e) (f) (g) (h)

Enter 1 if NOT in a

Enter 1 if the accrual account Enter the percentage paid

Amount

trust or reserved account, enter zero (0) if included in a trust

or reserved account

is included in the formula rate, enter (0) if O if the accrual account is NOT included in the formula rate

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. e x col. f x col. g

Reserve 1 - - - - - - Reserve 2 - - - - - - Reserve 3 - - - - - - Reserve 4 - - - - - -

… - - - - - -

… - - - - - - Total -

All unfunded reserves will be listed above, specifically including (but not limited to) all subaccounts for FERC Account Nos. 228.1 through 228.4. "Unfunded reserve" is defined as an accrued balance (1) created and increased by debiting an expense which is included in this formula rate (column (e), using the same allocator in column (g) as used in the formula to allocate the amounts in the corresponding expense account) (2) in advance of an anticipated expenditure related to that expense (3) that is not deposited in a restricted account (e.g., set aside in an escrow account, see column (d)) with the earnings thereon retained within that

account. Where a given reserve is only partially funded through accruals collected from customers, only the balance funded by customer collections shall serve as a rate base credit, see column (f). The source of monthly balance data is company records.

**EPRI Dues Cost Support**

**EPRI & EEI Costs to be Excluded**

**Details**

**Allocated General & Common Expenses**

EPRI Dues

171 EPRI and EEI Dues to be excluded from the formula rate p353.\_.f (enter FN1 line #) -

**Regulatory Expense Related to Transmission Cost Support**

**Directly Assigned A&G**

**Form 1 Amount**

**Transmission**

**Related Other**

**Details\***

172 Regulatory Commission Exp Account 928 p323.189.b - - -

\* insert case specific detail and associated assignments here

**Multi-state Workpaper**

|  |  |  |
| --- | --- | --- |
|  | **New York State 2 State 3 State 4 State 5 Weighed Average** | |
| **Income Tax Rates**  Weighting  173 SIT=State Income Tax Rate or Composite |  | |
| 1 |  |
| 0.0710 | 0.07 |
| Multiple state rates are weighted based on the state apportionment factors on the state income tax returns and the number of days in the year that the rates are effective (see Note F) | | |

**Safety Related and Education and Out Reach Cost Support**

|  |  |  |
| --- | --- | --- |
|  | **Safety Related,**  **Education, Siting &**  **Form 1 Amount Outreach Related Other Details** | |
| **Directly Assigned A&G**  174 General Advertising Exp Account 930.1 company records  Safety advertising consists of any advertising whose primary purpose is to educate the recipient as to what is safe or is not safe.  Education advertising consists of any advertising whose primary purpose is to educate the recipient as about transmission related facts or issues Outreach advertising consists of advertising whose primary purpose is to attract the attention of the recipient about a transmission related issue Siting advertising consists of advertising whose primary purpose is to inform the recipient about locating transmission facilities  Lobbying expenses are not allowed to be included in account 930.1 |  | |
|  | - |
|  | |

**Excluded Plant Cost Support**

|  |  |  |
| --- | --- | --- |
|  | **Transmission plant included in OATT**  **Excluded Ancillary Services**  **Transmission and not otherwise**  **Facilities excluded Description of the Facilities** | |
| **Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities**  175 Excluded Transmission Facilities |  | |
| **-** - | **General Description of the Facilities** |
| A worksheet will be provided if there are ever any excluded transmission plant or transmission plant in OATT Ancillary Services | |
| **Add more lines if necessary** | |

**Materials & Supplies**

Stores Expense

Transmission Materials & Construction Materials

Note: for the projection, the prior year's actual balances will be used

Undistributed

Supplies

& Supplies Total

Form No.1 page p227.16 p227.8 p227.5

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 -

**PBOPs**

189 **Calculation of PBOP Expenses**

Details

190 **ConEd**

191 Total PBOP expenses

192 Labor dollars

193 Cost per labor dollar

$ (8,800,000)

$ 1,444,841,000

$ (0.0061)

194 labor (labor not capitalized) current year Company Records -

195 PBOP Expense for current year -

196 PBOP Expense in Account 926 for current year Company Records -

197 PBOP Adjustment for Appendix A, Line 44 -

198 Lines 191-193 cannot change absent approval or acceptance by FERC in a separate proceeding.

198 **NiMo**

199 Total PBOP expenses

200 Labor dollars

201 Cost per labor dollar

$ 70,883,643

$ 313,713,746

$ 0.2260

202 labor (labor not capitalized) current year Company Records -

203 PBOP Expense for current year -

204 PBOP Expense in Account 926 for current year Company Records -

205 PBOP Adjustment for Appendix A, Line 44 -

206 Lines 199-201 cannot change absent approval or acceptance by FERC in a separate proceeding.

207 **NYSEG**

208 Total PBOP expenses

209 Labor dollars

210 Cost per labor dollar

$ 2,057,829

$ 187,586,000

$ 0.0110

211 labor (labor not capitalized) current year Company Records -

212 PBOP Expense for current year -

213 PBOP Expense in Account 926 for current year Company Records -

214 PBOP Adjustment for Appendix A, Line 44 -

215 Lines 208-210 cannot change absent approval or acceptance by FERC in a separate proceeding.

216 **RGE**

217 Total PBOP expenses

218 Labor dollars

219 Cost per labor dollar

$ 3,561,081

$ 79,625,000

$ 0.0447

220 labor (labor not capitalized) current year Company Records -

221 PBOP Expense for current year -

222 PBOP Expense in Account 926 for current year Company Records -

223 PBOP Adjustment for Appendix A, Line 44 -

224 Lines 217-219 cannot change absent approval or acceptance by FERC in a separate proceeding.

225 **CHG&E**

226 Total PBOP expenses

$ (3,863,900)

227 Labor dollars 108,206,368

228 Cost per labor dollar

$ (0.0357)

229 labor (labor not capitalized) current year Company Records -

230 PBOP Expense for current year -

231 PBOP Expense in Account 926 for current year Company Records -

232 PBOP Adjustment for Appendix A, Line 44 -

233 Lines 226-228 cannot change absent approval or acceptance by FERC in a separate proceeding.

234 **New York Transco LLC**

235 Total PBOP expenses $ -

236 Labor dollars $ -

237 Cost per labor dollar $0.000

238 labor (labor not capitalized) current year Company Records -

239 PBOP Expense for current year -

240 PBOP Expense in Account 926 for current year Company Records -

241 PBOP Adjustment for Appendix A, Line 44 -

242 Lines 235-237 cannot change absent approval or acceptance by FERC in a separate proceeding.

243 PBOP expense adjustment (sum lines 197, 214, 205, 223, 232, & 241) -

**COST OF CAPITAL**

**Attachment 3 - Cost Support**

**New York Transco LLC**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Line No.** |  | **Description** | **Form No.1**  **Reference** | **December** | **January** | **February** | **March** | **April** | **May** | **June** | **July** | **August** | **September** | **October** | **November** | **December 13 Month Avg.** |
| 244 | Long Term Debt: |  |  | Col. (a) | Col. (b) | Col. (c) | Col. (d) | Col. (e) | Col. (f) | Col. (g) | Col. (h) | Col. (i) | Col. (j) | Col. (k) | Col. (l) | Col. (m) Col. (n) |

245 Acct 221 Bonds 112.18.c,d - - - - - - - - - - - - - -

246 Acct 223 Advances from Assoc. Companies 112.20.c,d - - - - - - - - - - - - - -

247 Acct 224 Other Long Term Debt 112.21.c,d - - - - - - - - - - - - - -

248 Less Acct 222 Reacquired Debt 112.19 c, d enter negative - - - - - - - - - - - - - -

249 Total Long Term Debt Sum Lines 244 - 248 - - - - - - - - - - - - - -

250

251 Preferred Stock (1) 112.3.c,d - - - - - - - - - - - - - -

252

253 Common Equity- Per Books 112.16.c,d - - - - - - - - - - - - - -

254 Less Acct 204 Preferred Stock 112.3.c,d - - - - - - - - - - - - - -

255 Less Acct 219 Accum Other Compre. Income 112.15.c,d - - - - - - - - - - - - - - Less Acct 216.1 Unappropriated Undistributed

256

Subsidiary Earnings 112.12.c,d - - - - - - - - - - - - - -

257 Adjusted Common Equity Ln 253 - 254 - 255 - 256 - - - - - - - - - - - - - -

258

259 Total (Line 249 plus Line 251 plus Line 257) - - - - - - - - - - - - - -

260

261 Cost of Debt

262 Acct 427 Interest on Long Term Debt 117.62.c -

263 Acct 428 Amortization of Debt Discount and Expense 117.63.c -

264 Acct 428.1 Amortization of Loss on Reacquired Debt 117.64.c - Acct 430 Interest on Debt to Assoc. Companies (LTD

265

portion only) (2) 117.67.c -

266 Less: Acct 429 Amort of Premium on Debt 117.65.c enter negative -

267 Less: Acct 429.1 Amort of Gain on 117.66.c enter negative -

268 Total Interest Expense Sum Lines 262 - 267 -

269

270 Average Cost of Debt (Line 268 / Line 249) -

271

272 Cost of Preferred Stock

273 Preferred Stock Dividends 118.29.c

274

275 Average Cost of Preferred Stock (Line 273 / Line 251) -

Note 1. If and when the Company issues preferred stock, footnote will indicate the authorizing regulatory agency, the docket/case number, and the date of the

Note 2. Interest on Debt to Associated Companies (FERC 430) will be populated with interest related to Long-Term Debt only.

|  |  |  |
| --- | --- | --- |
| Project W orksheet | Rate Formula Template | For the 12 months ended 12/31/ |
| Attachment 4 | Utilizing Appendix A Data |  |

The calcuations below calcuate that additional revenue requirement for 100 basis points of ROE and 1 percent change in the equity component of the capital structure.

These amounts are then used to caluate the actual increase in revenue in the table below (starting on line 66) associated with the actual incentive authortized 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.

**Base ROE and Income Taxes Carrying Charge**

New York Transco LLC

Allocator Result

1 Rate Base -

2 BASE RETURN CALCULATION:

$ % Cost Weighted

3 Long Term Debt (Appendix A, Line 91) - 0% 0.00% 0.00%

4 Preferred Stock (Appendix A, Line 92) - 0% 0.00% 0.00%

5 Common Stock (Appendix A, Line 93) - 0% 9.50% 0.00%

6 Total (sum lines 3-5) - 0.00%

7 Return multiplied by Rate Base (line 1 \* line 6) -

8 INCOME TAXES

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | T=1 - {[(1 - SIT) \* (1 - FIT)] / (1 - SIT \* FIT \* p)} = (Appendix A, line 61) | - | |
| 10 | CIT=(T/1-T) \* (1-(W CLTD/R)) = | - | |
| 11 | where W CLTD=(line 3) and R= (line 6) |  | |
| 12 | and FIT, SIT & p are as given in footnote F on Appendix A. |  | |
| 13 | 1 / (1 - T) = (T from line 9) | - | |
| 14 Amortized Investment Tax Credit (266.8f) (enter negative) | | - |  |
| 15 Income Tax Calculation = line 10 \* line 7 \* (1-n)  16 ITC adjustment (line 13 \* line 14) \* (1-n) | | -  - NP | -  - - |
| 17 Total Income Taxes (line 15 plus line 16) | | - | - |

|  |  |  |
| --- | --- | --- |
| 18 Base Return and Income Taxes | Sum lines 7 and 17 | - |
| 19 Rate Base | Line 1 | - |
| 20 Return and Income Taxes at Base ROE | Line 18 / line 19 | - |

**100 Basis Point Incentive ROE and Income Taxes Carrying Charge** Attachment 4

Result

21 Rate Base -

22 100 Basis Point Incentive Return impact on

$ % Cost Weighted

23 Long Term Debt (line 3) - 0% 0.00% -

24 Preferred Stock (line 4) - 0% 0.00% -

25 Common Stock (line 5 plus 100 basis points) - 0% 10.50% -

26 Total (sum lines 24-26) - -

27 100 Basis Point Incentive Return multiplied by Rate Base (line 21 \* line 26) -

28 INCOME TAXES

|  |  |  |  |
| --- | --- | --- | --- |
| 29 | T=1 - {[(1 - SIT) \* (1 - FIT)] / (1 - SIT \* FIT \* p)} = (Appendix A, line 61) | - | |
| 30 | CIT=(T/1-T) \* (1-(W CLTD/R)) = | - | |
| 31 | where W CLTD=(line 23) and R= (line 26) |  | |
| 32 | and FIT, SIT & p are as given in footnote F on Appendix A. |  | |
| 33 | 1 / (1 - T) = (T from line 29) | - | |
| 34 Amortized Investment Tax Credit (line 14) | | - |  |
| 35 Income Tax Calculation = line 30 \* line 27 \* (1-n)  36 ITC adjustment (line 33 \* line 34) \* (1-n) | | -  - NP | -  - - |
| 37 Total Income Taxes (line 35 plus line 36) | | - | - |

|  |  |  |
| --- | --- | --- |
| 38 Return and Income Taxes with 100 basis point increase in ROE | Sum lines 27 and 37 | - |
| 39 Rate Base | Line 21 | - |
| 40 Return and Income Taxes with 100 basis point increase in ROE | Line 38 / line 39 | - |
| 41 Difference in Return and Income Taxes between Base ROE and 100 Basis Point Incentive | Line 40- Line 20 | - |

**Effect of 1% Increase in the Equity Ratio**

Results

42 Rate Base -

43 100 Basis Point Incentive Return

$ % Cost Weighted

44 Long Term Debt (line 3 minus 1% in equity ratio) - -1% 0.00% 0.00%

45 Preferred Stock (line 4) - 0% 0.00% 0.00%

46 Common Stock (line 5 plus 1% in equity ratio)) - 1% 9.50% 0.10%

47 Total (sum lines 44-46) - 0.10%

48 Line 47 x line 42 -

49 INCOME TAXES

50 T=1 - {[(1 - SIT) \* (1 - FIT)] / (1 - SIT \* FIT \* p)} = (Appendix A, line 61) -

51 CIT=(T/1-T) \* (1-(W CLTD/R)) = -

|  |  |  |
| --- | --- | --- |
| 52 where W CLTD=(line 44) and R= (line 47)  53 and FIT, SIT & p are as given in footnote F on Appendix A.  54 1 / (1 - T) = (T from line 50)  55 Amortized Investment Tax Credit (line 14) | -  - |  |
| 56 Income Tax Calculation = line 51 \* line 48 \* (1-n)  57 ITC adjustment (line 54 \* line 55) \* (1-n) | -  - NP | -  - - |
| 58 Total Income Taxes (line 56 plus line 57) | - | - |

|  |  |  |  |
| --- | --- | --- | --- |
| 59 Return and Income Taxes with 1% Increase in the Equity Ratio | Sum lines 48 and 58 |  | - |
| 60 Rate Base | Line 42 |  | - |
| 61 Return and Income Taxes with 1% Increase in the Equity Ratio | Line 59 / line 60 |  | - |
| 62 Difference between Base ROE and 1% Increase in the Equity Ratio | Line 61 - Line 20 |  | - |
|  |  | Attachment 4 |  |

63 Revenue Requirement per project including incentives

64 Expense Allocator [Appendix A, lines 45 and 59, less Appendix A, line 44b / Gross Transmission Plant In Service Column (l) including Transmission CIACs] times TP on Appendix A, line 80 (Note B) -

65 Base Carrying Charge (used in Line 102 Appendix A) -

The table below breaks out the total revenue requirement on Appendix A separately for each investment. The total of Column (p) must equal the amount shown on Appendix A, Line 3.

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Line | Description (Note E) | Net Investment  (Note A) | ROE Authorized by FERC (Note C) | ROE Base (From Appendix A, line 93) | Incentive % Authorized by FERC (Notes D and F) | Line 41 | Col (e) / .01 x  Col (f) | Incentive $ (Col  (b) x Col (g) | Equity % in Capital Structure (% above base %, -% below base  %)(1 equals 1%) (Note  D) | Impact of Equity Component of Capital Structure(Col (b) x (i) x Line 62 | Base Return and Tax (Line 65 x  Col (b) | Gross Plant In Service (Note B) | Expense Allocator (line 64) | O&M (exc Amort. Of Reg. Assets), Taxes Other than Income  (Col. (l) x Col. (m) | Depreciation/Am ortization Expense | Total Revenues (Col. (h) + (j) + (k) +(n) +(o)) | True-up Adjustment | Net Adjusted Revenue Requirement  (Col. (p)-(q)) |
| 66 - - -  66a - - -  66b - - -  66c - - -  … -  …  …  …  …  …  …  …  …  …  …  …  … | | | | 9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50%  9.50% | -  -  -  - | - - -  - - -  - - - | | | -  -  -  - | - -  - -  - - | | -  -  - | - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - - | | -  -  -  - | -  -  - |  |  |
| 67 Total $0.00 - - - $0 - - - | | | | | | | | | | | | | | | | |  |  |

Note:

Check Sum Appendix A Line 3 -

Difference (must be zero) -

A Column (b), Net Investment includes the Net Plant In Service, unamortized regulatory assets, unamortized abandoned plant and CWIP

B Column (l), Gross Plant in Service excludes Regulatory Assets, CW IP, and Abandoned Plant.

C Column (e), for each project with an incentive in column (e), note the docket No. in which FERC granted the incentive

D No incentive or change in the equity percentage in Columns (e) and (i) can be made absent Commisison authorization

E Column (a), The Segment B Facilities and any applicable Segment B Addition are subject to certain cost recovery allowances as specified in the settlement approved by the Commission by Letter Order dated November 16, 2017 in Docket No. Er15-572. If implicated, those cost allowance provisions will be reflected independently in column (a) and corresponding columns.

F Column (e), Incentive % Authorized by FERC represents the difference between the Base ROE level reflected in column (d) and the combination of any project specific base ROE approved by FERC and ROE incentives approved by FERC (such combination is reflected in column (c), which value may be positive or negative.

Project

Docket No.

Note

|  |  |  |
| --- | --- | --- |
| TOTs 1 - Ramapo to Rock Tavern | ER15-572 | Up to $228 million for the 3 TOTS projects in aggregate |
| TOTs 2 - Staten Island Unbottling Feeder Split | ER15-572 | Up to $228 million for the 3 TOTS projects in aggregate |
| TOTs 3 - NYSEG's Marcy South Series Comp Fraser to Coopers Corner | ER15-572 | Up to $228 million for the 3 TOTS projects in aggregate |
| Segment B Facilities – Knickerbocker to Pleasant Valley | ER15-572 |  |
| Segment B Additions | ER15-572 |  |
| Segment B Facilities CWIP | ER15-572 |  |
|  |  |  |

**Attachment 5 - Financing Costs for Long Term Debt using the Internal Rate of Return Methodology (Note 13)**

New York Transco LLC HYPOTHETICAL EXAMPLE

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 principal. Consistent with GAAP, the Origination Fees and Commitments Fees will be amortized using the standard Internal Rate of 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**

1 **Total Loan Amount**

**Table 2**

**$ 125,000,000**

2 **Internal Rate of Return1 4.892%**

3 **Based on following Financial Formula2:**

4

**Table 3**

5

|  |  |
| --- | --- |
| **Origination Fees** |  |
| Underwriting Discount Arrangement Fee Upfront Fee  Rating Agency Fee  Legal Fees | -  250,000  437,500  -  1,000,000 |
| Total Issuance Expense | **1,687,500** |
|  |
|  | |
| **Annual Rating Agency Fee Annual Bank Agency Fee Revolving Credit Commitment Fee** | 100,000  50,000  0.300% |

6

7

8

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**Table 4**

14

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** |
| LIBOR Rate | 0.64% | 1.03% | 1.60% | 2.13% | 2.13% | 2.13% | 2.13% |
| Spread | 2.25% | 2.25% | 2.25% | 2.25% | 2.25% | 2.25% | 2.25% |
| **Interest Rate** | 2.89% | 3.28% | 3.85% | 4.38% | 4.38% | 4.38% | 4.38% |

15

16

**Table 5**

17

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

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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 = C0 + C1/(1+IRR) + C2/(1+IRR)2 + C3/(1+IRR)3 + . . . +Cn/(1+IRR)n and solved for IRR

The Excel ™ 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.

3. 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.

5. 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, Col. D reflect the amount of the loan that is drawn down in the quarter

8. Table 5, Col. E is the amount of principle drawn down

9. Table 5, Col 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

11. Table 5, Col. H is calculated as follows:

(line 1/1000 less Col. E prior quarter)\*line 13/4 +line 12/4000+line 11/4000

Where A = Loan amount in line 1 less the amount drawn down (Table 5, Col. (E)) in the prior quarter

12. The inputs shall be estimated based on the current market conditions and is subject to true up for all inputs , e.g., fees, 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 term debt determined in Attachment 3. The capital structure will be the actual capital structure up to 53% equity.

**New York Transco LLC**

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Item |  | Transmission  Related | Plant  Related | Labor  Related | Total |  |
| 1 |  | ADIT-282 |  | - | - | - | From Acct. 282 total, below |
| 2 |  | ADIT-283 |  | - | - | - | From Acct. 283 total, below |
| 3 |  | ADIT-190 |  | - | - | - | From Acct. 190 total, below |
| 4 |  | Subtotal |  | - | - | - |  |
| 5 |  | Wages & Salary Allocator |  |  |  | - |  |
| 6 |  | NP |  |  | - |  |  |
| 7 |  | Beginning of Year |  | - | - | - | - |
| 8 |  | End of year from Attachment 6b, line 7 |  | - | - | - | - |
| 9 |  | Average of Beginning of Year and End of Year ((7 +8)/2) |  | - | - | - | - Enter as negative Appendix A, line 24. |

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed,

dissimilar items with amounts exceeding $100,000 will be listed separately. For ADIT directly related to project depreciation or CWIP, the balance must shown in a separate row for each project.

A B C D E F G

Total Gas, Prod

10 ADIT-190 Or Other Transmission Plant Labor

Related Related Related Related Justification

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|  |  |  |  |  |  |  |
| Subtotal - p234 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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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 directly assigned to Column D

18 3. ADIT items related to Plant and not in Columns C & D are included in Column E

19 4. ADIT items related to labor and not in Columns C & D are included in Column F

20 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 6a - Accumulated Deferred Income Taxes (ADIT) Worksheet (Beginning of Year) Beginning of Year**

A B C D E F G

Total Gas, Prod

21 ADIT- 282 Or Other Transmission Plant Labor

Related Related Related Related Justification

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| Subtotal - p275 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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Instructions for Account 282:

27 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

28 2. ADIT items related only to Transmission are directly assigned to Column D

29 3. ADIT items related to Plant and not in Columns C & D are included in Column E

30 4. ADIT items related to labor and not in Columns C & D are included in Column F

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

A B C D E F G

Total Gas, Prod

32 ADIT- 283 Or Other Transmission Plant Labor

Related Related Related Related

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|  |  |  |  |  |  |  |
| Subtotal - p277 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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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 E

41 4. ADIT items related to labor and not in Columns C & D are included in Column F

42 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 6b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)**

**End of Year**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Line |  | Transmission  Related | Plant  Related | Labor  Related | Total |  |
| 1 | ADIT-282 |  | - | - | - | From Acct. 282 total, below |
| 2 | ADIT-283 |  | - | - | - | From Acct. 283 total, below |
| 3 | ADIT-190 |  | - | - | - | From Acct. 190 total, below |
| 4 | Subtotal |  | - | - | - |  |
| 5 | Wages & Salary Allocator |  |  |  | - |  |
| 6 | NP |  |  | - |  |  |
| 7 | End of Year ADIT |  | - | - | - | - |

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed,

dissimilar items with amounts exceeding $100,000 will be listed separately. For ADIT directly related to project depreciation or CWIP, the balance must be shown in a separate row for each project.

A B C D E F G Total Gas, Prod

8 ADIT-190 Or Other Transmission Plant Labor

Related Related Related Related Justification

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|  |  |  |  |  |  |  |
| Subtotal - p234 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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Instructions for Account 190:

14 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

15 2. ADIT items related only to Transmission are directly assigned to Column D

16 3. ADIT items related to Plant and not in Columns C & D are included in Column E

17 4. ADIT items related to labor and not in Columns C & D are included in Column F

18 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 6b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)**

**End of Year**

A B C D E F G Total Gas, Prod

19 ADIT- 282 Or Other Transmission Plant Labor

Related Related Related Related Justification

|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
| Subtotal - p275 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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Instructions for Account 282:

25 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

26 2. ADIT items related only to Transmission are directly assigned to Column D

27 3. ADIT items related to Plant and not in Columns C & D are included in Column E

28 4. ADIT items related to labor and not in Columns C & D are included in Column F

29 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 6b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)**

**End of Year**

A B C D E F G Total Gas, Prod

30 ADIT- 283 Or Other Transmission Plant Labor

Related Related Related Related

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|  |  |  |  |  |  |  |
| Subtotal - p277 | - | - | - | - | - |  |
| Less FASB 109 Above if not separately removed |  |  |  |  |  |  |
| Less FASB 106 Above if not separately removed |  |  |  |  |  |  |
| Total | - | - | - | - | - |  |

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Instructions for Account 283:

36 1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly 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

39 4. ADIT items related to labor and not in Columns C & D are included in Column F

40 5. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

2014 2014

Revenue Requirement Billed

(Note 1)

Actual Revenue Requirement

(Note 2)

Over (Under) Recovery

$0 **Less** $0 **Equals** $0

**Interest Rate on Amount of Refunds or Surcharges**

0.2708%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Over (Under) Recovery Plus Monthly Interest Rate on** |  |  |  | **Surcharge** |
| **Interest Attachment 7a** | **Months** | **Calculated Interest** | **Amortization** | **(Refund) Owed** |

**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.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Calculation of Interest** |  |  |  | **Monthly** |  |
| January | Year 2014 | - 0.2708% | 12 |  | - - |
| February | Year 2014 | - 0.2708% | 11 |  | - - |
| March | Year 2014 | - 0.2708% | 10 |  | - - |
| April | Year 2014 | - 0.2708% | 9 |  | - - |
| May | Year 2014 | - 0.2708% | 8 |  | - - |
| June | Year 2014 | - 0.2708% | 7 |  | - - |
| July | Year 2014 | - 0.2708% | 6 |  | - - |
| August | Year 2014 | - 0.2708% | 5 |  | - - |
| September | Year 2014 | - 0.2708% | 4 |  | - - |
| October | Year 2014 | - 0.2708% | 3 |  | - - |
| November | Year 2014 | - 0.2708% | 2 |  | - - |
| December | Year 2014 | - 0.2708% | 1 |  | - - |
|  |  |  |  |  | - **-** |
|  |  |  |  | **Annual** |  |
| January through December | Year 2014 | - 0.2708% | 12 |  | - **-** |
| **Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months Monthly** | | | | | |
| January February March April  May June July August  September October November December | Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016  Year 2016 | **-** 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708%  - 0.2708% |  |  | - - -  - - -  - - -  - - -  - - -  - - -  - - -  - - -  - - -  - - -  - - -  - - - |

-

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. Values will be determined for each project set included in the Table in Attachment 4.

Note 2: The actual revenue requirement is input from Attachment 4, line 66, column p, which is determined for each project set developed by the Company. 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** | | | | Pursuant to | Attachment 7a  Page 1 |
| 18 C.F.R. Section |  |
|  | **FERC Quarterly Interest Rate** |  |  | 18 35.19 (a) |  |
| 1 | Qtr 3 (Previous Year) |  |  | 3.25% |  |
| 2 | Qtr 4 (Previous Year) |  |  | 3.25% |  |
| 3 | Qtr 1 (Current Year) |  |  | 3.25% |  |
| 4 | Qtr 2 (Current Year) |  |  | 3.25% |  |
| 5 | Average of the last 4 quarters | (Lines 1-4 / 4) |  | 3.25% |  |
| 6 | Interest Rate Used for True-up adjustment (Note B) |  |  | 0.0325 |  |
| 7 | Monthly Interest Rate for Attachment 7 | (Line 6 / 12) |  | 0.0027 |  |

**Attachment 8 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan (Note 1) New York Transco LLC**

**YEAR**

**Estimated Effective cost of debt used in true up**

**Final Effective cost of debt for the construction loan:**

**SUMMARY**

**Based on cost of debt used in prior year true- ups (Note 2)**

**Revenue Requirement**

**Based on Actual Final Cost of Debt (Note 3)**

**Over (Under) Recovery**

**Monthly FERC Refund Interest Rate applicable over the ATRR period**

**Total Amount of Construction Loan Related True-Up to be included in rates (Refund)/Owed**

2014 7.18% 6.50%

$ 2,500,000.00 $

2,400,000.00 $

100,000.00

0.550% $

(148,288.33)

2015 6.8% 6.50% $5,000,000.00 $5,150,000.00 $

2016 7.2% 6.50% $8,300,000.00 $8,200,000.00 $

2017 7.3% 6.50% $12,300,000.00 $12,000,000.00 $

2018 \* 7.1% 6.50% $18,000,000.00 $17,900,000.00 $

2018 \*\* 6.50% 6.50% $25,000,000.00 $25,000,000.00 $

***The Hypothetical Example:***

***\* Assumes that the construction loan is retired on December 31, 2018***

***\*\* Assumes that the construction loan IRR on Attachment 5 has an effective rate of 6.5%***

(150,000.00)

100,000.00

300,000.00

100,000.00

-

0.560% $

0.540% $

0.580% $

0.570% $

$

209,670.43 (131,109.09) (368,656.73) (114,946.28)

(553,329.99)

**Calculation of Applicable Interest Expense for each ATRR period**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | **Hypothetical Monthly** |  |  |  | **Surcharge (Refund)** |
| **Interest Rate on Amount of Refunds or Surcharges from 35.19a** | **Over (Under) Recovery Plus Interest** | **Interest Rate** | **Months** | **Calculated Interest** | **Amortization** | **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% | (70) | (12,357) | 0 |
|  |  |  |  | (5,351) |  |  |
| Total Amount of True-Up Adjustment for 2014 ATRR | |  |  |  | $ (148,288) |  |
| Less Over (Under) Recovery | |  |  |  | $ 100,000 |  |
| Total Interest | |  |  |  | $ (48,288) |  |

**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 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) | (25,580) |
| 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)** |

**Annual**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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) | (9,579) | 0 |
|  |  |  |  | (4,148) |  |  |

Total Amount of True-Up Adjustment for 2018 ATRR Less Over (Under) Recovery

Total Interest

$ (114,946)

$ 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 from 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**

1 350.1 Land Rights 1.02

2 352 Structures and Improvements 2.05

3 353 Station Equipment 2.26

4 354 Towers and Fixtures 2.04

5 355 Poles and Fixtures 2.24

6 356 Overhead Conductor and Devices 2.22

7 357 Underground Conduit 2.05

8 358 Underground Conductor and Devices 2.39

9 359 Roads & Trails 1.17

10 **PRODUCTION PLANT** All Accounts 0.00

11 **DISTRIBUTION PLANT** All Accounts 0.00

**GENERAL PLANT**

12 390 Structures & Improvements 3.36

13 391 Office Furniture & Equipment 5.24

14 392 Transportation Equipment 9.78

15 393 Stores Equipment 3.91

16 394 Tools, Shop & Garage Equipment 4.68

17 395 Laboratory Equipment 3.75

18 396 Power Operated Equipment 7.62

19 397 Communication Equipment 3.82

20 398 Miscellaneous Equipment 4.55

**INTANGIBLE PLANT**

21 303 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.

Attachment 10 - Workpapers

New York Transco LLC

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Regulatory Assets** |  | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | (b) | (c) (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (l) | (m) | (n) | (o) | (p) | (q) | (r) | (s) | (t) | (u) | (v) | (w) | (x) | (y) | (z) | (aa) |
|  |  |  |  |  |  |  | Dec. 31 | Jan. 31 | Feb. 28/29 | Mar. 31 | Apr. 30 | May 31 | Jun. 30 | Jul. 31 | Aug. 31 | Sept. 30 | Oct. 31 | Nov. 30 | Dec. 31 |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Amort Exp in  Recovery Current Amort % Allocated to Formula  Amnt Recovery Period Monthly Amort Amort Periods Expense (d) Formula Rate Rate\*\* Project Name Approved \* Months \* Exp (b) / (c) this year x (e) \* (f) x (g) | | | | | | 2015 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 2016 | Avg Unamortized  Balance % Approved Allocated to Rate Base  Sum (i) through for Rate Base Formula Rate Balance (v)  (u) / 13 \* (from (g)) x (w) x (x) Project Code Docket No | | | |
| 1a  1b  1c  …  …  …  …  … | - - - | -  -  -  -  -  -  -  -  -  -  - | - | -  -  -  -  -  -  -  -  -  -  - | - | -  -  -  -  -  -  -  -  -  -  - | - - - - - - - - - - - - - | -  -  -  -  -  -  -  -  -  -  - | - | - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - - |  |

2 Total Regulatory Asset in Rate Base (sum lines 1a-1...): - -

\* Non-zero values in these columns may only be established per FERC order

\*\*All amortizations of the Regulatory Asset are to be booked to Account 566

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Abandoned Plant** |  | | | | | | | | | | | | | | | | | | | | | | | | |
| (a) | (b) | (c) (d) | (e) | (f) | (g) | (h) | (i) | (j) | (k) | (l) | (m) | (n) | (o) | (p) | (q) | (r) | (s) | (t) | (u) | (v) | (w) | (x) | (y) | (z) | (aa) |
|  |  |  |  |  |  |  | Dec. 31 | Jan. 31 | Feb. 28/29 | Mar. 31 | Apr. 30 | May 31 | Jun. 30 | Jul. 31 | Aug. 31 | Sept. 30 | Oct. 31 | Nov. 30 | Dec. 31 |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Recovery Current Amort % Allocated to Amort Exp in  Amnt Recovery Period Monthly Amort Amort Periods Expense (d) Formula Rate Formula Rate  Project Name Approved \* Months \* Exp (b) / (c) this year x (e) \* (f) x (g) | | | | | | 2014 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 | Avg Unamortized  Balance % Approved Allocated to Rate Base  Sum (i) through for Rate Base Formula Rate Balance (v)  (u) / 13 \* (from (g)) x (w) x (x) Project Code Docket No | | | |
| 3a  3b  3c  …  …  …  … |  | -  -  -  -  -  -  -  -  -  -  - |  | -  -  -  -  -  -  -  -  -  -  - |  | -  -  -  -  -  -  -  -  -  -  - |  | -  -  -  -  -  -  -  -  -  -  - |  | - -  - -  - -  - -  - -  - -  - -  - -  - -  - -  - - |  |

4 Total Abandoned Plant in Rate Base (sum lines 3a-3...): - -

\* Non-zero values in these columns may only be established per FERC order

**Land Held for Future Use (LHFU)**

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q)

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Land Held for Dec. 31 Jan. 31 Feb. 28/29 Mar. 31 Apr. 30 May 31 Jun. 30 Jul. 31 Aug. 31 Sept. 30 Oct. 31 Nov. 30 Dec. 31 Average of | | |
| Subaccount Future Use and  No. Item Name Estimated Date | 2014 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 | Columns (d)  Through (p) |
| 5a  5b  5c  …  …  …  …  …  …  … |  | | -  -  -  -  -  -  -  -  -  - |

6 Total LHFU in rate base (sum lines 5a-5...): -

**CWIP in Rate Base**

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Dec. 31 Jan. 31 Feb. 28/29 Mar. 31 Apr. 30 May 31 Jun. 30 Jul. 31 Aug. 31 Sept. 30 Oct. 31 Nov. 30 Dec. 31 | | | | |
| Construction Start Estimated in- Approval Doc.  Project Name job ID Date service date No. | 2015 2016 2016 2016 2106 2016 2016 2016 2016 2016 2016 2016 2016 | Avg (f) through % approved Rate Base  (r) for recovery Amnt (s) x (t) | | |
| 7a  7b  7c  …  …  … | 219,600,000 0 0 0 0 0 0 0 | | 16,892,308  -  -  -  -  - | 0.0%  0.0%  0.0%  0.0%  0.0%  0.0% | -  -  -  -  -  - |

… - 0.0% -

… - 0.0% -

… - 0.0% -

… - 0.0% -

… - 0.0% -

8 Total (sum lines 7a-7...) Total CWIP in Rate Base - Change to recovery percent in Column (t) requires FERC order

**Actual Additions by FERC Account**

The total of these additions should total the additions reported in the FERC Form No.1 on page 206, lines 48 to 56

|  |  |  |
| --- | --- | --- |
|  | Project 350 352 352 353 354 355 356 357 358 359  Structures and Overhead Underground  Structures and Improvements - Station Towers and Poles and Conductor and Underground Conductor and Roads and  Land Rights Improvements Equipment Equipment Fixtures Fixtures Devices Conduit Devices Trails Total | |
| 9a  9b  9c  …  …  …  …  …  …  …  …  …  …  …  …  …  … | Project 1  Project 2 | -  -  -  -  -  -  -  -  -  -  -  -  -  -  -  -  - |

10 Total (sum lines 9a-9...) -

**Intangible Plant Detail**

The total

|  |  |  |  |
| --- | --- | --- | --- |
|  | Item Description Source Service Life Amount | | |
| 11a  11b  11c  …  …  …  …  …  …  …  …  …  …  …  …  …  … |  | Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records Company Records |  |

12 Total (sum lines 11a-11...) ties to 205.5.g -

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

Transactions between NY Transco and any entity that is associated (affiliated) with NY Transco must be reported on page 429 of the Form No. 1. The chart below is to include all charges to the NYTransco by an affiliate, by Affilate and by FERC account number

Central

FERC Account Hudson G&E

Consolidated

Edison Niagara Mohawk NY State E&G

Rochester

G&E Total

13a 101 -

13b …. -

13c …. -

…. …. -

… …. -

… 350 -

… …. -

… …. -

… …. -

… …. -

… …. -

… …. -

… 920

-

… …. -

… …. -

… 935 -

14 Total - - - - - - (sum lines 13a-13...)

#### 36.3.1.2 Formula Rate Implementation Protocols

The formula rate template (“Template”) and these Formula Rate Implementation Protocols (“Protocols”) together comprise the filed rate (“Formula Rate”) of NY Transco for transmission revenue requirement determinations under the ISO OATT. NY Transco shall follow the instructions specified in the Formula Rate to calculate annually its Net Adjusted Revenue Requirement, as set forth at page 1, line 5 of the Template (“Net Adjusted Revenue Requirement”). The Net Adjusted Revenue Requirement shall be determined for January 1 to December 31 of a given calendar year (the “Rate Year”). Information included in the Formula Rate Attachments shall identify project specific revenue requirements for each Approved NYTP set forth in Rate Schedule 13 of the ISO OATT. The Formula Rate shall become effective for recovery of NY Transco’s Net Adjusted Revenue Requirement upon the effective date for incorporation into the ISO OATT through an appropriate filing with the Federal Energy Regulatory Commission (“FERC” or “Commission”) under Section 205 of the Federal Power Act (“FPA”).

### Section 1. Annual Projection

a. No later than September 30 preceding the first Rate Year, and each subsequent Rate Year, NY Transco shall determine its projected Net Adjusted Revenue Requirement for the upcoming Rate Year in accordance with NY Transco’s Formula Rate (“Annual Projection”). The Annual Projection shall include the True-up Adjustment described and defined in Section 2 below, if applicable. NY Transco shall cause an electronic version of the Annual Projection to be posted in both a Portable Document Format and fully-functioning Excel file fully populated with formulas intact at a publicly accessible location on ISO’s internet website. Such posting shall include (i) all inputs in sufficient detail to identify the components of NY Transco’s projected Net Adjusted Revenue Requirement, and (ii) explanations of the bases for the projections and input data to demonstrate that each input to the formula rate is consistent with the requirements of the formula rate. If the date for making such posting of the Annual Projection should fall on a weekend or a holiday recognized by FERC, then the posting shall be made no later than the next business day. NY Transco shall electronically serve each Annual Projection upon the Service List.2[2 As used in these protocols, “Service List” shall include but not be limited to (i) the email list of ISO OATT Transmission Customers maintained by the ISO; (ii) any state regulatory agency with rate jurisdiction over a public utility located within the ISO footprint; and (iii) any consumer advocate agency authorized by state law to review and contest the rates for any such public utility, provided such consumer advocate agency requests to be placed on the Service List and provides an e-mail address to NY Transco.]

b. If NY Transco makes changes in the Annual Projection for a given Rate Year, NY Transco shall cause such revised Annual Projection to be promptly posted at a publicly accessible location on the ISO internet website and shall electronically serve a link to the website upon the Service List. Changes posted prior to October 31 of the preceding Rate Year, or the next business day if October 31 is not a business day (or such later date as can be accommodated under the ISO’s billing practices), shall be reflected in the Annual Projection for the Rate Year; changes posted after that date will be reflected, as appropriate, in the True-up Adjustment for the Rate Year.

c. The Annual Projection, including the True-Up Adjustment, for each Rate Year shall be subject to review, challenge, true-up and refunds or surcharges with interest, to the extent and in the manner provided in these Protocols.

### Section 2. True-up Adjustment

NY Transco will calculate the amount of under- or over-collection of its actual Net Revenue Requirement, as set forth at page 1, line 3 of the Template during the preceding Rate Year (“True-up Adjustment”) after the FERC Form No. 1 data for that Rate Year has been filed with the Commission. The True-up Adjustment shall be the sum of components a and b, determined in the following manner:

a. NY Transco’s projected Net Revenue Requirement collected during the previous Rate Year3[3 If the initial year of this rate schedule is a partial year, the initial projected Net Revenue Requirement will be divided by the number of months the Formula Rate is in effect to calculate the monthly projected cost of service to be collected each month of the first year. Similarly, the actual Net Revenue Requirement will be divided by the number of months the rate is in effect to calculate the actual cost of service to be collected each month of the first year. The first True-up Adjustment will compare the projected Net Revenue Requirement billed and the actual Net Revenue Requirement for that initial Rate Year.] will be compared to NY Transco’s actual Net Revenue Requirement for the previous Rate Year calculated in accordance with NY Transco’s Formula Rate and based upon (i) NY Transco’s FERC Form No. 1 for that same Rate Year, (ii) any FERC orders specifically applicable to NY Transco’s calculation of its annual revenue requirement, (iii) the books and records of NY Transco (which shall be maintained consistent with the FERC Uniform System of Accounts (“USofA”)), (iv) FERC accounting policies and practices applicable to the calculation of annual revenue requirements under formula rates, and (v) any aspects of the ISO OATT and other governing documents that apply to the calculation of annual revenue requirements under individual transmission owner formula rates,to determine any over- or under-recovery (“True-up Adjustment Over/Under Recovery”). NY Transco will include a variance analysis of, at minimum, actual revenue requirement components of rate base, operating and maintenance expenses, depreciation and amortization expense, taxes, return on rate base, and revenue credits as compared to the corresponding components in the projected revenue requirement that was calculated for the prior Rate Year with an explanation of all changes.

b. Interest on any True-up Adjustment Over/Under Recovery of the actual Net Revenue Requirement shall be calculated in accordance with the Formula Rate Attachment 7a.

### Section 3. Annual Update

a. On or before June 30 following each Rate Year, NY Transco shall calculate its actual Net Adjusted Revenue Requirement, including the True-up Adjustment as described in Section 2 (“Annual Update”) for such Rate Year, and shall cause such Annual Update to be posted, in both a Portable Document Format and fully-functioning Excel format containing the populated template with formula intact for that year’s update, at a publicly accessible location on the ISO internet website, and electronically serve a link to the website upon the Service List. In addition, the Annual Update shall be contemporaneously submitted as an informational filing with the FERC.

b. If the date for making the Annual Update posting should fall on a weekend or a holiday recognized by the FERC, then the posting shall be due on the next business day.

c. The date on which the last of the events listed in Section 3.a or 3.b occurs shall be that year’s “Publication Date.” Any delay past the date on which the last of the events listed in Section 3.a or 3.b occurs shall result in an equivalent extension of time for the submission of information requests and challenges, as described in Sections 4 and 5 below.

d. Together with the posting of the Annual Update, NY Transco shall cause to be posted on the ISO website the time, date and location for a stakeholder meeting including but not limited to (i) any Eligible Customer under the ISO OATT; (ii) any regulatory agency with rate jurisdiction over a public utility located within the ISO footprint; (iii) any consumer advocate authorized by state law to review and contest the rates for any such public utility, or (iv) any party with standing under FPA Section 205 or 206 (collectively, "Interested Persons") in order for NY Transco to explain its Annual Update and to provide Interested Persons an opportunity to seek information and clarifications regarding the Annual Update (“Stakeholder Meeting”). NY Transco shall accommodate interested parties that wish to participate in the Stakeholder Meeting via teleconference or webinar. The Stakeholder Meeting shall be held no less than twenty (20) business days and no more than thirty (30) business days after June 30.

e. The Annual Update for the Rate Year:

(i) Shall provide, via the Formula Rate worksheets, sufficiently detailed supporting documentation for data (and all adjustments thereto or allocations thereof) used in the Formula Rate that are not stated in the FERC Form No. 1 to enable any interested party to replicate the calculation of the Formula Rate.4[4 ]

(ii) Shall provide supporting documentation and workpapers for the data used in the Annual Update that are not otherwise available in the FERC Form No. 1, including all adjustments made to the FERC Form No. 1 data in determining formula inputs.

(iii) Shall include a variance analysis of, at minimum, actual revenue requirement components of rate base, operating and maintenance expenses, depreciation and amortization expense, taxes, return on rate base, and revenue credits as compared to the corresponding components in the projected revenue requirement that was calculated for the prior Annual Update with an explanation of changes.

(iv) Shall provide notice and a narrative summary of all changes in NY Transco’s accounting policies and practices from those in effect for the calendar year upon which the immediately preceding Annual Update was based that affect the Formula Rate or calculation of the Annual Update (“Accounting Change(s)”). Accounting Changes may, among other things, include: (1) the initial implementation of an accounting standard or policy, (2) the initial implementation of accounting practices for unusual or unconventional items where FERC has not provided specific accounting direction, (3) corrections of mistakes and prior period adjustments,5[5 ] (4) the implementation of new estimation methods or policies that change prior estimates, and (5) changes to income tax elections. Such notice shall also include (1) those changes that could impact the Formula Rate or the calculations under the Formula Rate within the next three years; and (2) any changes in the ISO OATT from the provisions of the ISO OATT in effect during the calendar year upon which the most recent Net Revenue Requirement was based and that could impact the Formula Rate or the calculations under the Formula Rate within the next three years.

(v) Shall be subject to review and challenge in accordance with the procedures set forth in Sections 4, 5, and 6 of these Protocols.

(vi) Shall be subject to review and challenge in accordance with the procedures set forth in these Protocols with respect to the prudence of any costs and expenditures included for recovery in the Annual Update; provided, however, that nothing in these Protocols is intended to modify the Commission’s applicable precedent with respect to the burden of going forward or burden of proof under formula rates in such prudence challenges; and

(vii) Shall not seek to modify the Formula Rate and shall not be subject to challenge by any Interested Person seeking to modify the Formula Rate (*i.e.,* any modifications to the Formula Rate will require, as applicable, an FPA Section 205 or Section 206 filing or initiation of a Section 206 investigation).

(viii) Shall provide support for any deferred income tax account balances, including any Statement of Financial Accounting Standard Nos. 106 and 109 Adjustments.

(ix) Shall identify and provide support for any costs and expenses related to any merger or acquisition of a jurisdictional facility (including, but not limited to, acquisition premiums and goodwill) that have been included in the Annual Update, including a citation to the FERC order approving the recovery of such costs and expenses; otherwise, any such costs that have been reported in the FERC Form No. 1 must be deducted from the costs to be recovered in the Annual Update.

(x) Shall identify any asset retirement obligations (“ARO”) included in the Annual Update, including a citation to the FERC order approving recovery of the ARO; otherwise, any such items reported in the FERC Form No. 1 must be deducted from the costs to be recovered in the Annual Update.

(xi) Shall identify the specific amounts included in the annual Update related to each transmission incentive project, a citation to the proceeding in which FERC granted the incentive, and provide a derivation of the value for each project.

(xii) Shall include a worksheet listing all the errors and corrections agreed to by NY Transco and any interested parties, or ordered by FERC, related to the previous Rate Year that have been incorporated into the current Annual Update.

f. The following Formula Rate inputs shall be stated values to be used in the Formula Rate until changed pursuant to an FPA Section 205 or 206 proceeding: (i) rate of return on common equity (“ROE”); (ii) “Post-Employment Benefits other than Pensions” pursuant to Statement of Financial Accounting Standards No. 106, Employers’ Accounting for Postretirement Benefits Other Than Pensions (“PBOP”) charges; and (iii) the depreciation and/or amortization rates as set forth in Attachment 9 to the Formula Rate template. No changes may be made to the ROE, capital structure, PBOP expenses, or depreciation and/or amortization rates absent a filing under Sections 205 or 206 of the Federal Power Act.

g. Example – Timeline for 2015 Annual Update:

On or before September 30 of the first year, NY Transco will determine the projected Net Adjusted Revenue Requirement for the second year, which is expected to be the first year that costs are recovered from ISO customers under the Formula Rate. NY Transco will post the Annual Projection for the second Rate Year in accordance with Section 1 above. NY Transco will not determine a True-up Adjustment or post an Annual Update on August 1 of the second year if no costs have been recovered under the Formula Rate during the first year. On or before September 30 of the second year, NY Transco will post the Annual Projection for the third Rate Year. On or before August 1 of the third year, NY Transco will post its first Annual Update, consisting of the True-up Adjustment for the second Rate Year determined pursuant to Section 2 above. Such True-up Adjustment will be reflected in the Annual Projection of the Net Adjusted Revenue Requirement for the fourth Rate Year posted on or before September 30 of the third year. The Annual Update posted August 1 of the third year will be subject to the customer review and challenge procedures described in Sections 4, 5, and 6 of these Protocols.

### Section 4. Annual Review Procedures

Each Annual Update shall be subject to the following review procedures (“Annual Review Procedures”):

a. Interested Persons shall have up to the latest of one hundred fifty (150) calendar days after the Publication Date, thirty (30) calendar days after the receipt of all responses to timely submitted information requests (unless such period is extended with the written consent of NY Transco), or thirty (30) calendar days after resolution of a dispute that does not result in the production of additional information (“Review Period”), to review the calculations and to notify NY Transco in writing of any specific challenges, including but not limited to challenges related to Accounting Changes and to the Annual Update (“Preliminary Challenge”). Interested persons may challenge through a Preliminary Challenge or a Formal Challenge: (1) whether NY Transco has properly calculated the Annual Update under review (including any corrections pursuant to Section 6); (ii) whether the costs included in the Annual Update are properly recordable and recorded, prudent, reasonable, and incurred according to appropriate procurement methods and cost control methodologies and otherwise consistent with NY Transco’s accounting policies, practices and procedures consistent with the USofA; (iii) whether the input data used in the Annual Update are accurate and correctly used in the Formula Rate; (iv) the effect of Accounting Changes; and (v) whether the Formula Rate has been applied according to its terms, including the procedures in these Protocols. NY Transco shall promptly cause to be posted all Preliminary Challenges at a publicly accessible location on the ISO internet website and a link to the website will be electronically served upon the Service List. Any Formal Challenges are to be filed in the NY Transco’s informational filing dockets.

NY Transco shall respond in writing to a Preliminary Challenge within twenty (20) business days of receipt, and its response shall notify the challenging party of the extent to which NY Transco agrees or disagrees with the challenge. If NY Transco disagrees with the Preliminary Challenge, its response shall include supporting documentation. NY Transco shall promptly cause to be posted responses to allPreliminary Challenges at a publicly accessible location on the ISO internet website and a link to the website will be electronically served upon the Service List.

b. Interested Persons shall have up to one hundred twenty (120) calendar days after each annual Publication Date (unless such period is extended with the written consent of NY Transco) to serve reasonable information requests on NY Transco. Information requests shall be limited to what is necessary to determine if: (i) NY Transco has properly calculated the Annual Update under review (including any corrections pursuant to Section 6); (ii) the costs included in the Annual Update are properly recordable and recorded, reasonable, prudent, and incurred according to appropriate procurement methods and cost control methodologies and otherwise consistent with NY Transco’s accounting policies, practices and procedures consistent with the USofA; (iii) the input data used in the Annual Update are accurate and correctly used in the Formula Rate; (iv) the effect of Accounting Changes; (v) the Formula Rate has been applied according to its terms, including the procedures in these Protocols; and (vi) any other information that may reasonably have substantive effect on the calculation of the revenue requirement pursuant to the Formula Rate. NY Transco shall cause any information requests received to be posted at a publicly accessible location on the ISO internet website and shall electronically serve a link to the website upon the Service List. The information and document requests shall not otherwise be directed to ascertaining whether the formula rate is just and reasonable.

c. NY Transco shall make a good faith effort to respond to information requests pertaining to the Annual Update within ten (10) business days of receipt of such requests. In the event an information request is not provided within 10 business days, the parties will mutually agree on an extension of the Review Period.

To the extent NY Transco and any Interested Person(s) are unable to resolve disputes related to information requests submitted in accordance with these Annual Review Procedures, NY Transco or any Interested Person may petition the FERC to appoint an Administrative Law Judge as a discovery master to resolve the discovery dispute(s) in accordance with these Protocols and consistent with the FERC’s discovery rules. NY Transco shall not clam that responses to information and document requests provided pursuant to these protocols are subject to any settlement privilege, in any subsequent FERC proceeding addressing NY Transco’s Annual True-Up or Projected Net Revenue Requirement.

d. Failure to pursue an issue through a Preliminary Challenges or to otherwise lodge a Formal Challenge regarding any issue as to a given Annual Update only bars pursuit of such issue with respect to that Annual Update, and in no event shall bar pursuit of such issue or the lodging of a Formal Challenge as to such issue as it relates to a subsequent Annual Update.

e. If a change made by NY Transco to its accounting policies, practices or procedures, or their application to the Formula Rate, pursuant to Section 3(e)(iv) of these Protocols is found by the FERC to be unjust, unreasonable, and/or unduly discriminatory or preferential, then the calculation of the charges to be assessed during the Rate Year then under review, and the charges to be assessed during any subsequent Rate Years, including any True-up Adjustments, shall not include such change, but shall include any lawful remedy that may be prescribed by FERC to ensure that the Formula Rate continues to operate in a manner that is just, reasonable, and not unduly discriminatory or preferential.

### Section 5. Resolution of Challenges

a. NY Transco shall appoint a senior representative to attempt to resolve any Preliminary Challenge. If NY Transco and any Interested Person have not resolved any Preliminary Challenge to the Annual Update within sixty (60) calendar days after the end of the Review Period (unless such period is extended with the written consent of NY Transco to continue efforts to resolve the Preliminary Challenge), such Interested Person may, within thirty (30) calendar days thereafter, file a challenge with the FERC (“Formal Challenge”), which shall be served on NY Transco by electronic service on the date of such filing. Subject to any applicable confidentiality and Critical Energy Infrastructure Information restrictions, all information and correspondence produced by NY Transco pursuant to these Protocols may be included in any Formal Challenge or other FERC proceeding relating to the Formula Rate. Failure to raise an issue in a Preliminary Challenge shall not bar an Interested Person from raising that issue in a Formal Challenge.

b. Any response by NY Transco to a Formal Challenge must be submitted to the FERC within thirty (30) calendar days of the date of the filing of the Formal Challenge, and NY Transco shall serve on the filing party(ies) and the Service List by electronic service on the date of such filing.

c. In any proceeding concerning a given year’s Annual Update (including corrections) or Accounting Change(s), NY Transco shall bear the burden, consistent with Section 205 of the Federal Power Act, of proving that it has correctly applied the terms of the Formula Rate consistent with these Protocols. Nothing herein is intended to alter the burdens applied by FERC with respect to prudence challenges.

d. Except as specifically provided herein, nothing herein shall be deemed to limit in any way the right of NY Transco to file unilaterally, pursuant to Section 205 of the FPA and the regulations thereunder, an application seeking changes to the Formula Rate or to any of the stated value inputs requiring a Section 205 filing under these Protocols (including, but not limited to, ROE, depreciation and amortization rates, and PBOPs), or the right of any other party or the Commission to seek such changes pursuant to Section 206 of the FPA and the regulations thereunder.

e. NY Transco may, at its discretion and at a time of its choosing, make a limited filing pursuant to Section 205 to modify stated values in the Formula Rate for amortization and depreciation rates, or PBOP rates. The sole issue in any such limited Section 205 proceeding shall be whether such proposed change(s) is just and reasonable, and it shall not address other aspects of the Formula Rate.

### Section 6. Changes to Annual Updates

If NY Transco determines or concedes that corrections to the Annual Update are required, whether under Sections 4 or 5 of these Protocols, including but not limited to those requiring corrections to its FERC Form No. 1, or input data used for a Rate Year that would have affected the Annual Update for that Rate Year, NY Transco shall promptly notify the Service List, file a correction to the Annual Update with the FERC as an amended informational filing, and cause such information to be posted at a publicly accessible location on the ISO internet website. Such corrections shall be subject to review at the time they are made and shall be reflected in the next Annual Update, with interest. A corrected posting shall reset the deadlines under Section 4 and 5 of the Protocols for Interested Person review and the revised dates shall run from the posting date(s) for each of the corrections. The scope of review shall be limited to the aspects of the Formula Rate affected by the corrections. Interest on any over- or under-recovery due to corrections for preceding True-up Adjustments shall be calculated monthly on such over- or under-recovery from January 1 of the corrected Rate Year through December 31 of the Rate Year in which such over- or under-recovery is reflected (“Correction Period”). The applicable monthly interest rates for the Correction Period for an over-recovery shall be determined in accordance with the Formula Rate true-up worksheet divided by twelve (12) for each month from the beginning of the Correction Period through December 31 of the Rate Year immediately preceding the Rate Year in which such over-recovery is reflected.  The applicable monthly interest rates for the Correction Period for an under-recovery shall be the annual interest rate determined in accordance 18 C.F.R § 35.19a divided by twelve (12) for each month from the beginning of the Correction Period through December 31 of the Rate Year immediately preceding the Rate Year in which such under-recovery is reflected.

### Section 7. Construction Work in Progress

a. *Accounting.* For each transmission project for which NY Transco has been authorized by a Commission order to include Construction Work in Progress (“CWIP”) in transmission rate base (“CWIP Project”), NY Transco shall use the following accounting procedures to ensure that it does not recover an Allowance for Funds Used During Construction (“AFUDC”) for such project.

(i) NY Transco shall assign each CWIP Project a unique Funding Project Number (“FPN”) for internal cost tracking purposes. For a CWIP Project for which the NY Transco is recovering less than 100% of CWIP in rate base, two FPNs will be assigned, one reflecting the CWIP balance in rate base and the other reflecting the balancing accruing AFUDC. NY Transco will assign FPNs in such a way that an Interested Person can identify that the balances are associated with the same project.

(ii) NY Transco shall record actual construction costs to each FPN through work orders that are coded to correspond to the FPN for each CWIP Project. Such work orders shall be segregated from work orders for transmission projects for which the Commission has not authorized NY Transco to include CWIP in rate base.

(iii) For each CWIP Project for which NY Transco is allowed to include 100% of CWIP in rate base, NY Transco shall ensure that no AFUDC will be accrued under the associated FPN.

(iv) For each CWIP Project, NY Transco shall prepare monthly work order summaries of costs incurred under the associated FPN. These summaries shall show monthly additions to CWIP and plant in service and shall correspond to amounts recorded in NY Transco’s FERC Form No. 1. NY Transco shall use these summaries as data inputs into the Annual Update calculated pursuant to Section 3 and shall make such work order summaries available upon request pursuant to the review procedures of Section 4.

(v) When a CWIP Project is, or portion thereof, is placed into service, NY Transco shall deduct from total CWIP the accumulated charges for work orders under the FPN for that project, or portion thereof. The purpose of this control process is to ensure that expenditures are not double counted as both CWIP and as additions to plant.

(vi) For transmission projects for which the Commission has not authorized NY Transco to include CWIP in rate base, NY Transco shall record AFUDC to be applied to CWIP and capitalized when the project is placed into service.

b. *Annual Reporting.* For each CWIP Project, NY Transco shall file a report with the Commission at the time of NY Transco’s Annual Update that shall include the following information concerning each such project:

(i) the actual amount of CWIP recorded for each project;

(ii) any amounts recorded in related FERC accounts or subaccounts, such as AFUDC and regulatory liability;

(iii) the resulting effect of CWIP on the revenue requirement;

(iv) a statement of the current status of each project; and the estimated in-service date for each project.