# 14.2 Attachment 1 to Attachment H

# 14.2.1 Schedules

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**Niagara Mohawk Power Corporation** 

Calculation of RR Pursuant to Attachment H, Section 14.1.9.2

Year

Attachment 1
Schedule 1

### **Calculation of RR**

14.1.9.2

The RR component shall equal the (a) Historical Transmission Revenue Requirement plus (b) the Forecasted Transmission Revenue Requirement plus (c) the Annual True-Up, determined in accordance with the formula below.

### Historical Transmission Revenue Requirement (Historical TRR)

Line No.

1		Historical Transmission Revenue Requirement (Historical TRR)									
2											
3	14.1.9.2 (a)	Historical TRR shall equal the sum of NMPC's (A) Return and Associated Income Taxes, (B) Transmission Related Depreciation Expense, (C)									
4		Transmission Related Real Estate Tax Expense, (D) Transmission Related Amortization of Investment Tax Credits,									
5		(E) Transmission Operation and Maintenance Expense, (F) Transmission Related Administrative and General Expenses, (G) Transmission									
6		Related Payroll Tax Expense, (H) Billing Adjustments, and (I) Transmissi	on Related Bad Deb	ot Expense less							
7		(J) Revenue Credits, and (K) Transmission Rents, all determined for the	most recently ende	d calendar year as of	the beginning of the update year.						
8			Reference								
9			Section:	0							
10		Return and Associated Income Taxes	(A)	#DIV/0!	Schedule 8, line 64						
11		Transmission-Related Depreciation Expense	(B)	#DIV/0!	Schedule 9, Line 6, column 5						
12		Transmission-Related Real Estate Taxes	(C)	#DIV/0!	Schedule 9, Line 12, column 5						
13		Transmission - Related Investment Tax Credit	(D)	#DIV/0!	Schedule 9, Line 16, column 5 times minus 1						
14		Transmission Operation & Maintenance Expense	(E)	\$0	Schedule 9, Line 23, column 5						
15		Transmission Related Administrative & General Expense	(F)	#DIV/0!	Schedule 9, Line 38, column 5						
16		Transmission Related Payroll Tax Expense	(G)	\$0	Schedule 9, Line 44, column 5						
17		Sub-Total (sum of Lines 10 - Line 16)		#DIV/0!							
18											
19		Billing Adjustments	(H)	\$0	Schedule 10, Line 1						
20		Bad Debt Expenses	(1)	\$0	Schedule 10, Line 4						
21		Revenue Credits	(J)	\$0	Schedule 10, Line 7						
22		Transmission Rents	(K)	\$0	Schedule 10, Line 14						
23											
		Total Historical Transmission Revenue Requirement (Sum of Line 17 -									
24		Line 22)		#DIV/0!							
25											

**Niagara Mohawk Power Corporation** Attachment 1 Forecasted Transmission Revenue Requirement Schedule 2 Attachment H, Section 14.1.9.2 0 Shading denotes an input Line No. 1 14.1.9.2 FORECASTED TRANSMISSION REVENUE REQUIREMENTS (b) Forecasted TRR shall equal (1) the Forecasted Transmission Plant Additions (FTPA) multiplied by the Annual FTRRF, plus (2) the Mid-Year Trend 2 3 Adjustment (MYTA), plus (3) the Tax Rate Adjustment (TRA), as shown in the following formula: 4 5 Forecasted TRR = (FTPA \* FTRRF) + MYTA + TRA 6 7 Period Reference Source 8 9 10 (1) Forecasted Transmission Plant Additions (FTPA) \$0 Workpaper 8, Section I, Line 16 11 Annual Transmission Revenue Requirement Factor (FTRRF) #DIV/0! Line 35 12 Sub-Total (Lines 10\*11) #DIV/0! 13 Plus Mid-Year Trend Adjustment (2) (MYTA) \$0 Workpaper 9, line 31, variance column 14 Less Impact of Transmission Support Payments on Historical \$0 Worpaper 9A Transmission Revenue Requirement 15 Forecasted Transmission Revenue Requirement (Line 12 + Line 13-#DIV/0! Line 14) (2) MID YEAR TREND ADJUSTMENT (MYTA) 16 17 The Mid-Year Trend Adjustment shall be the difference, whether positive or negative, between 18 19 (i) the Historical TRR Component (E) excluding Transmission Support Payments, based on actual data for the first three months of the Forecast Period, and (ii) the Historical TRR Component (E) excluding Transmission Support Payments, based on data for the first three months of the year prior to the Forecast Period. 20 21 (3) The Tax Rate Adjustment (TRA) 22 The Tax Rate Adjustment shall be the amount, if any, required to adjust Historical TRR Component (A) for any change in the Federal Income Tax Rate 23 and/or the State Income Tax Rate that takes effect during the first five months of the Forecast Period. 24 25 14.1.9.2(c) ANNUAL FORECAST TRANSMISSION REVENUE REQUIREMENT FACTOR 26 The Annual Forecast Transmission Revenue Requirement Factor (Annual FTRRF) shall equal the sum of Historical TRR components (A) through (C), 27 divided by the year-end balance of Transmission Plant in Service determined in accordance with Section 14.1.9.2 (a), component (A)1(a). 28 29 30 (A) #DIV/0! Schedule 1, Line 10 Investment Return and Income Taxes 31 #DIV/0! **Depreciation Expense** (B) Schedule 1, Line 11 32 **Property Tax Expense** (C) #DIV/0! Schedule 1, Line 12

NYISO Tariffs> Open Access Transmission Tariff (	(OATT)> 14 OATT Attachment H - An	nual Transmission Revenue Requireme> 14.2-14.	2.2 OATT Att H Attachment 1 to Attachment H

33	Total Expenses (Lines 30 thru 32)		#DIV/0!	
34	Transmission Plant	(a)	#DIV/0!	Schedule 6, Page 1, Line 12
35	Annual Forecast Transmission Revenue Requirement Factor		#DIV/0!	
	(Lines 33/ Line 34)			

Niagara Mohawk Power Corporation
Annual True-up (ATU)
Schedule 3

Attachment H Section 14.1.9.2 (c) Line No. 0 Year Source: 1 2 14.1.9.2(d) The Annual True-Up (ATU) shall equal (1) the difference between the Actual Transmission Revenue Requirement and the Prior Year 3 Transmission Revenue Requirement, plus (2) the difference between the Actual Scheduling, System Control and Dispatch costs 4 and Prior Year Scheduling, System Control and Dispatch costs, plus (3) the difference between the Prior Year Billing Units and the Actual Year 5 Billing Units multiplied by the Prior Year Unit Rate, plus (4) Interest on the net differences. 6 7 (1) Revenue Requirement (RR) of rate effective July 1 of prior year \$0 Schedule 4, Line 1, Col (d) 8 Less: Annual True-up (ATU) from rate effective July 1 of prior year \$0 Schedule 4, Line 1, Col (c) \$0 9 Prior Year Transmission Revenue Requirement Line 7 - Line 8 10 11 **Actual Transmission Revenue Requirement** #DIV/0! Schedule 4, Line 2, Col (a) 12 Difference #DIV/0! Line 11 - Line 9 13 14 (2) Prior Year Scheduling, System Control and Dispatch costs (CCC) \$0 Schedule 4, Line 1, Col (e) 15 Actual Scheduling, System Control and Dispatch costs (CCC) \$0 Schedule 4, Line 2, Col (e) \$0 16 Difference Line 15 - Line 14 17 18 \$0 (3) Prior Year Billing Units (MWH) Schedule 4, Line 1, Col (f) 19 **Actual Billing Units** Schedule 4, Line 2, Col (f) 20 Difference Line 18 - Line 19 21 Prior Year Indicative Rate #DIV/0! Schedule 4, Line 1, Col (g) 22 Billing Unit True-Up #DIV/0! Line 20 \* Line 21 23 24 Total Annual True-Up before Interest #DIV/0! (Line 12 + Line 16 + Line 22) 25 26 (4) Interest #DIV/0! Line 57 27 28 Annual True-up RR Component #DIV/0! (Line 24 + Line 26) 29 30 Interest Calculation per 18 CFR § 35.19a (9) 31 (1)(2) (3) (4) (5) (6) (7) (8) 32 Monthly Days Quarters Annual Accrued Prin Accrued Prin Accrued (Over)/Under & Int. @ End 33 Interest & Int. @ Beg in Period Int. @ End 34 Of Period Recovery Period Multiplier Of Period Of Period Rate (a) Days 35 0 92 \$0 \$0 36 3rd QTR '07 92 1.0000 31 92 #DIV/0! 37 July 0.00% #DIV/0! 1.0000 #DIV/0! #DIV/0! 38 August 0.00% #DIV/0! 31 61 1.0000 #DIV/0! 39 September 0.00% #DIV/0! 30 30 1.0000 #DIV/0! #DIV/0! 40

41	4th QTR '07		#DIV/0!		92	92	1.0000	#DIV/0!	#DIV/0!
42	October	0.00%		#DIV/0!	31	92	1.0000	#DIV/0!	#DIV/0!
43	November	0.00%		#DIV/0!	30	61	1.0000	#DIV/0!	#DIV/0!
44	December	0.00%		#DIV/0!	31	31	1.0000	#DIV/0!	#DIV/0!
45									
46	1st QTR '08		#DIV/0!		91	91	1.0000	#DIV/0!	#DIV/0!
47	January	0.00%		#DIV/0!	31	91	1.0000	#DIV/0!	#DIV/0!
48	February	0.00%		#DIV/0!	29	60	1.0000	#DIV/0!	#DIV/0!
49	March	0.00%		#DIV/0!	31	31	1.0000	#DIV/0!	#DIV/0!
50									
	2nd QTR								
51	'08		#DIV/0!		91	91	1.0000	#DIV/0!	#DIV/0!
52	April	0.00%		#DIV/0!	30	91	1.0000	#DIV/0!	#DIV/0!
53	May	0.00%		#DIV/0!	31	61	1.0000	#DIV/0!	#DIV/0!
54	June	0.00%		#DIV/0!	30	30	1.0000	#DIV/0!	#DIV/0!
55									
56									
57	Total (over)/u	nder Recovery		#DIV/0!	(line 24)	#DIV/0!			#DIV/0!

<sup>(</sup>a) Interest rates shall be the interest rates as reported on the FERC Website http://www.ferc.gov/legal/acct-matts/interest-rates.asp

Attachment 1
Schedule 4

#### Niagara Mohawk Power Corporation Wholesale TSC Calculation Information

		(a)	(b)	(c)	(d)	(e)	(f)	(g)
		Historical Transmission Revenue Requirement (Historical TRR)	Forecasted Transmission Revenue Requirement	Annual True Up (**)	Revenue Requirement (RR)	Scheduling System Control and Dispatch Costs (CCC)	Annual Billing Units (BU) MWh	Rate \$/MWh (*)
1	Prior Year Rates Effective	-	-	-	-	-	-	#DIV/0!
2	Current Year Rates Effective July 1, ————	#DIV/0!	#DIV/0!		#DIV/0!	-	-	#DIV/0!
3 4	Increase/(Decrease) Percentage Increase/(Decrease)							#DIV/0! #DIV/0!

- 1.) Information directly from Niagara Mohawk Prior Year Informational Filing
- 2.)
- (a) Schedule 1, Line 24
- (b) Schedule 2, Line 14
- (c) Schedule 3, Line 28
- (d) Attachment H, Section 14.1.9.2 The RR Component shall equal Col (a) Historical Transmission Revenue Requirement plus Col (b) the Forecasted Transmission Revenue Requirement which shall exclude Transmission Support Payments, plus Col (c) the Annual True-Up plus Col (c) the Annual True-Up
- (e) Schedule 11 Annual Scheduling, System Control and Dispatch Costs. (i.e. the Transmission Component of control center costs) as recorded in FERC Account 561 and its associated sub-accounts from the prior calendar year excluding any NY Independent System Operating (NYISO) system control and load dispatch expenses already recovered under Schedule 1 of the NYISO Tariff.
- (f) Schedule 12 Billing Units shall be the total Niagara Mohawk load as reported to the NYISO for the calendar year prior to the Forecast Period, including the load for customers taking service under Niagara Mohawk's TSC rate. The total Niagara Mohawk load will be adjusted to exclude (i) load associated with wholesale transactions being revenue credited through the WR, CRR, SR, ECR, and Reserved components of Attachment H of the NYISO TSC rate including Niagara Mohawk's external sales, load associated with grandfathered OATT agreements, and any load related to pre-OATT grandfathered agreements; (ii) load associated with transactions being revenue credited under Historical TRR Component J; and (iii) load associated with netted station service.
- (g) (Col (d) + Col (e)) / Col (f)

(\*) The rate column represents the unit rate prior to adjustments; the actual rate will be determined pursuant to the applicable TSC formula rate.

(\*\*)

0

Shading denotes an input

Line No.

				Source	Definition
1	14.1.9.1 1.	Electric Wages and Salaries Factor	83.5000%		Fixed per settlement
2					
3	14.1.9.1 3.	Transmission Wages and Salaries Allocation Factor	13.0000%		Fixed per settlement
4					
5					
6 7					
8	14.1.9.1 2.	Gross Transmission Plant Allocation Factor			
Ü	1				Gross Transmission Plant Allocation Factor shall equal the
9		Transmission Plant in Service	#DIV/0!	Schedule 6, Page 2, Line 3, Col 5	total investment in
					Transmission Plant in Service, Transmission Related Electric
10		Plus: Transmission Related General	\$0	Schedule 6, Page 2, Line 5, Col 5	General Plant,
					Transmission Related Common Plant and Transmission
11		Plus: Transmission Related Common	\$0	Schedule 6, Page 2, Line 10, Col 5	Related Intangible Plant
12		Plus: Transmission Related Intangible Plant	\$0	Schedule 6, Page 2, Line 15, Col 5	divided by Gross Electric Plant.
13		Gross Transmission Investment	#DIV/0!	Sum of Lines 9 - 13	
14		Total Floring Nort		FF1 207 40 <i>4</i>	
15		Total Electric Plant Plus: Electric Common	ćo	FF1 207.104	
16 17		Gross Electric Common	\$0 \$0	Schedule 6, Page 2, Line 10, Col 3 Line 15 + Line 16	
18		Gross Electric Plant III Service	ŞU	Line 15 + Line 16	
19		Percent Allocation	#DIV/0!	Line 13 / Line 17	
20				2e 15 , 2e 17	
21	14.1.9.1 4.	Gross Electric Plant Allocation Factor			
22					
23		Total Electric Plant in Service	\$0	Line 15	Gross Electric Plant Allocation Factor shall equal
24		Plus: Electric Common Plant	\$0	Schedule 6, Page 2, Line 10, Col 3	Gross Electric Plant divided by the sum of Total Gas Plant,
25		Gross Electric Plant in Service	\$0	Line 23 + Line 24	Total Electric Plant, and Total Common Plant
26					
27		Total Gas Plant in Service		FF1 201.8d	
28		Total Electric Plant in Service	\$0	Line 15	
29		Total Common Plant in Service	\$0	Schedule 6, Page 2, Line 10, Col 1	
30		Gross Plant in Service (Gas & Electric)	-	Sum of Lines 27-Lines 29	
31		Daywood Allocation	#DD//01	Line 25 / Line 20	
32		Percent Allocation	#DIV/0!	Line 25 / Line 30	

NYISO Tariffs> Open Access Transmission Tariff (OATT)> 14 OATT Attachment H - Annual Transmission Revenue Requireme> 14.2-1	4.2.2 OATT Att H Attachment 1 to Attachment H
	Effective Date: 4/4/2016   Decirat #: ED40 005 000   Barra 0
	Effective Date: 4/1/2016 - Docket #: ER16-835-000 - Page 9

Attachment 1
Schedule 6
Page 1 of 2

Niagara Mohawk Power Corporation
Annual Revenue Requirements of Transmission Facilities
Transmission Investment Base (Part 1 of 2)

Attachment H, section 14.1.9.2

Line No.

14.1.9.2 (a) <u>Transmission Investment Base</u>

6

A.1. Transmission Investment Base shall be defined as (a) Transmission Plant in Service, plus (b) Transmission Related Electric General Plant, plus (c) Transmission Related Common Plant, plus (d) Transmission Related Intangible Plant, plus (e) Transmission Related Plant Held for Future Use, less (f) Transmission Related Depreciation Reserve, less (g) Transmission Related Accumulated Deferred Taxes, plus (h) Transmission Related Regulatory Assets net of Regulatory Liabilities, plus (i) Transmission Related Prepayments, plus (j) Transmission Related Materials and Supplies, plus (k) Transmission Related Cash Working Capital.

9

10		Reference	2007	Reference
11		Section:		
12	Transmission Plant in Service	(a)	#DIV/0!	Schedule 6, page 2, line 3, column 5
13	General Plant	(b)	\$0	Schedule 6, page 2, line 5, column 5
14	Common Plant	(c)	\$0	Schedule 6, page 2, line 10, column 5
15	Intangible Plant	(d)	\$0	Schedule 6, page 2, line 15, column 5
16	Plant Held For Future Use	(e)	\$0	Schedule 6, page 2, line 19, column 5
17	Total Plant (Sum of Line 12 - Line 16)		#DIV/0!	
18				
19	Accumulated Depreciation	(f)	#DIV/0!	Schedule 6, page 2, line 29, column 5
20	Accumulated Deferred Income Taxes	(g)	#DIV/0!	Schedule 7, line 6, column 5
21	Other Regulatory Assets	(h)	#DIV/0!	Schedule 7, line 11, column 5
22	Net Investment (Sum of Line 17 -Line 21)		#DIV/0!	
23				
24	Prepayments	(i)	#DIV/0!	Schedule 7, line 15, column 5
25	Materials & Supplies	(j)	#DIV/0!	Schedule 7, line 21, column 5
26	Cash Working Capital	(k)	\$0	Schedule 7, line 28, column 5
27				
28	Total Investment Base (Sum of Line 22 - Line 26)		#DIV/0!	

Transmission Investment Base (Part 1 of 2) Page 2 of 2 Attachment H Section 14.1. 9.2 (a) A. 1. 0 Shading denotes an input (2) (3) = (1)\*(2)(4) (5) = (3)\*(4)FERC Form Line (1) Allocation Electric Allocation 1/PSC Report Transmission Reference for No. Allocated Allocated col (1) Definition Total Factor Factor Transmission Plant in Service shall 1 Transmission Plant FF1 207.58g 14.1.9.2(a)A.1.(a) equal the balance of total investment in 2 Wholesale Meter Plant #DIV/0! Workpaper 1 **Transmission Plant** plus Wholesale Metering Total Transmission Plant in Service (Line 1+ Line 2) #DIV/0! 3 Investment 4 Transmission Related Electric 5 General Plant 100.00% \$0 13.00% \$0 FF1 207.99g 14.1.9.2(a)A.1.(b) General Plant shall equal the balance of investment 6 in Electric General Plant mulitplied by the 7 Transmission Wages and 8 Salaries Allocation Factor 9 Transmission Related Common 10 Common Plant 83.50% FF1 201.8h 14.1.9.2(a)A.1.(c) (a) \$0 13.00% \$0 Plant shall equal Common Plant multiplied by the Electric 11 Wages and Salaries Allocation Factor and further 12 multiplied by the Transmission Wages and 13 Salaries Allocation Factor. 14 Transmission Related Intangible 15 Intangible Plant 100.00% 13.00% FF1 205.5g Plant shall equal Intangible 14.1.9.2(a)A.1.(d) Electric Plant multiplied by the 16 Transmission Wages and 17 Salaries Allocation Factor.

18

19

Transmission Plant Held for Future Use

\$0

Transmission Related Plant Held

14.1.9.2(a)A.1.(e)

\$0

Workpaper

Future Use associated properly planned to be transmission Accumulated  Transmission Accumulated  Transmission Accum. Depreciation  Sepreciation  Sepreciatio								_		10		for Future Use shall equal
Transmission Accumulated   Page Calition   Transmission Related   Page Calition   Transmission Related   Page Calition   Transmission Related   Page Calitic   Page Califor   Page Calif	21							•				the balance in Plant Held for Future Use associated with property planned to be used for transmission service within five years
Transmission Accum. Depreciation  24 Transmission Accum. Depreciation  25 General Plant Accum.Depreciation  26 Common Plant Accum.Depreciation  27 Amortization of Other Utility Plant  28 Wholesale Meters #DIV/ol #Depreciation (Sum of line 24 - Line 28)  29 Total Depreciation (Sum of line 24 - Line 28)  20 Total Depreciation (Sum of line 24 - Line 28)  20 Total Depreciation (Sum of line 24 - Line 28)  21 Amortization of Other Utility Plant  22 Amortization (Sum of line 24 - Line 28)  23 Total Depreciation (Sum of line 24 - Line 28)  24 Total Depreciation (Sum of line 24 - Line 28)  25 Total Depreciation (Sum of line 24 - Line 28)  26 Total Depreciation (Sum of line 24 - Line 28)  27 Total Depreciation (Sum of line 24 - Line 28)  28 Total Depreciation (Sum of line 24 - Line 28)  29 Total Depreciation (Sum of line 24 - Line 28)  30 FF1 219.28b  31 Oncomplete the product of Common Function (Sum of line 24 - Line 28)  31 Oncomplete the product of line 24 - Line 28)  32 Oncomplete the product of line 24 - Line 28		Transmission Accumulated										•
balance of: (i) Transmost per later of the product of letters of letters of the product of letters of letters of the product of letters	23	<u>Depreciation</u>										Transmission Related Depreciation Reserve shall
25 General Plant Accum Depreciation  100.00% \$0 13.00% (c) \$0 FF1 219.28b Depreciation Reserve the product of Electric Plant Depreciation Reserve the product of Intange Electric Plant Depreciation Reserve the product of Intange Electric Plant Depreciation Reserve the P	24	Transmission Accum. Depreciation							\$0	FF1 219.25b	14.1.9.2(a)A.1.(f)	·
Amortization of Other Utility Plant 100.00% \$0 13.00% (c) \$0 FF1 200.21c Wages and Salaries Allocation Factor, plus depreciation (Sum of line 24 - Line 28) #DIV/O! Workpaper 1 product of Common Factor, plus by the Electric Wages Salaries Allocation Factor Plus (iv) the product of Intang Electric Plant Depreciation (Sum of line 24 - Line 28) #DIV/O! Workpaper 1 product of Common Factor, plus of FF1 200.21c Workpaper 1 product of Common Factor, plus of FF1 200.21c Workpaper 1 product of Common Factor, plus of FF1 200.21c Workpaper 1 product of Common Factor, plus of FF1 200.21c Workpaper 1 product of Intang FF1 2	25	General Plant Accum.Depreciation		100.00%		\$0	13.00%	(c)	\$0	FF1 219.28b		balance of: (i) Transmission  Depreciation Reserve, plus (ii)  the product of Electric General
Amortization of Other Utility Plant  100.00%  \$0 13.00% (c) \$0 FF1 200.21c  Wages and Salaries Allocation Factor, plur product of Common for Pactor Reference  (a) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule  (c) Schedule 5, line 32 - not used on this Schedule 5, line 32 - not used	26	Common Plant Accum Depreciation		83.50%	(a)	\$0	13.00%	(c)	\$0	FF1 356.1 end	l of year balance	Plant Depreciation Reserve
Depreciation Reserve by the Electric Wages Salaries Allocation Fa  further multiplied by. Transmission Wages as Salaries Allocation Fa  (iv) Transmission Wages as Salaries Allocation Fa  Wages and Salaries Allocation Factor plus depreciation reserve with  the Wholesale Meteri Investment  Allocation Factor Reference (a) Schedule S, line 32 - not used on this Schedule (c) Schedule S, line 32 - not used on this Schedule (c) Schedule S, line 32 - not used on this Schedule	27	Amortization of Other Utility Plant		100.00%		\$0	13.00%	(c)	\$0	FF1 200.21c		
29 Total Depreciation (Sum of line 24 - Line 28)  29 Total Depreciation (Sum of line 24 - Line 28)  20 Salaries Allocation Far further multiplied by Transmission Wages and Salaries Allocation Far (iv)  20 Transmission Wages and Salaries Allocation Far (iv)  21 Transmission Wages and Salaries Allocation Far (iv)  22 Transmission Wages and Salaries Allocation Far Wages and Salaries Allocation Far (iv)  23 Particle Plant Depreciation Reserve multiplied by the Tran Wages and Salaries Allocation Factor plus depreciation reserve with the Wholesale Meter Investment  23 Allocation Factor Reference  24 Allocation Factor Reference  25 Schedule 5, line 32 - not used on this Schedule  26 (c) Schedule 5, line 33 - not used on this Schedule  27 Schedule 5, line 33 - not used on this Schedule  28 Schedule 5, line 32 - not used on this Schedule  28 Schedule 5, line 32 - not used on this Schedule  29 Schedule 5, line 32 - not used on this Schedule  20 Schedule 5, line 32 - not used on this Schedule	28	Wholesale Meters	#DIV/0!					-	#DIV/0!	Workpaper 1		product of Common Plant
further multiplied by Transmission Wages at Salaries Allocation Far (iv) the product of Intang Electric Plant Deprecia Reserve multiplied by the Transmission Wages and Salaries Allocation Factor Plant Deprecia Reserve multiplied by the Transmission Wages and Salaries Allocation Factor plus depreciation reserve with the Wholesale Meterial Investment (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 33 - not used on this Schedule (c) Schedule 5, line 33 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule (c) Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line 34 - not used on this Schedule 5, line	29	Total Depreciation (Sum of line 24 - Line	28)					-	#DIV/0!			by the Electric Wages and
31 (iv) the product of Intang Electric Plant Depreci Reserve multiplied by the Tran Wages and Salaries Allocation Factor plus depreciation reserve with the Wholesale Meteri Investment  Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 3	30							•				Salaries Allocation Factor and further multiplied by the Transmission Wages and
Reserve multiplied by the Tran Wages and Salaries Allocation Factor plus depreciation reserve with the Wholesale Meteri standard Schedule 5, line 3 - not used on this Schedule (c) Schedule 5, line 3 - not used on this Schedule (c) Schedule 5, line 3	31											the product of Intangible
Wages and Salaries Allocation Factor plus depreciation reserve with the Wholesale Meteri Investment  Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 3	32											·
Allocation Factor plus depreciation reserve swith the Wholesale Meterial Investment  35  Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 33	33											multiplied by the Transmission Wages and Salaries
with the Wholesale Meteri 35 36 Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 3	33											Allocation Factor plus (v)
Investment  Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 3	34											
Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this Schedule (c) Schedule 5, line 3	35											<del>-</del>
	36	<ul><li>(a) Schedule 5, line 1</li><li>(b) Schedule 5, line 32 - not used on this 5</li><li>(c) Schedule 5, line 3</li></ul>										

Niagara Mohawk Power Corporation

Annual Revenue Requirements of Transmission Facilities

Attachment 1
Schedule 7

#### Transmission Investment Base (Part 2 of 2)

	Attachment H Section 14.1.9.2 (a) A. 1.									
	Shading denotes an input			0			]			
Line No.	-	(1) <u>Total</u>	(2) Allocation <u>Factor</u>	(3) = (1)*(2) Electric <u>Allocate</u> <u>d</u>	(4 Alloc <u>Fac</u>	ation	(5) = (3)*(4) Transmissio n <u>Allocated</u>	FERC Form 1/PSC Report Reference for col (1)		<u>Definition</u>
1	<u>Transmission Accumulated Deferred</u> <u>Taxes</u>									
2	Accumulated Deferred Taxes (281-282)		100.00%	\$0	#DIV/0!	(d)	#DIV/0!	FF1 275.2k	14.1.9.2(a)A.1.(g )	Transmission Related Accumulated Deferred Income Taxes
3	Accumulated Deferred Taxes (283)	\$0	100.00%	\$0	#DIV/0!	(d)	#DIV/0!	Workpaper 2, Line 5		shall equal the electric balance of Total Accumulated Deferred
4	Accumulated Deferred Taxes (190)		100.00%	\$0	#DIV/0!	(d)	#DIV/0!	FF1 234.8c		Income Taxes (FERC Accounts 190, 55,281, 282, and 283 net of
5	Accumulated Deferred Inv. Tax Cr (255)		100.00%	\$0	#DIV/0!	(d)	#DIV/0!	FF1 267.8h		stranded costs), multiplied by the Gross Transmission Plant
6 7	Total (Sum of line 2 - Line 5)			\$0	=		#DIV/0!	=		Allocation Factor.
8	Other Regulatory Assets									
9	FAS 109 (Asset Account 182.3)		100.00%	\$0	#DIV/0!	(d)	#DIV/0!	FF1 232 lines 2,4,9,17	14.1.9.2(a)A.1.(h )	Transmission Related Regulatory Assets shall be Regulatory
10	FAS 109 ( Liability Account 254 )		100.00%	\$0	#DIV/0!	(d)	#DIV/0!	FF1 278.1 lines 4&21(f)		Assets net of Regulatory Liabilities multiplied by the Gross
11 12	Total (line 9 + Line 10)	\$0	=	\$0	=		#DIV/0!	=		Transmission Plant Allocation Factor.
13	Transmission Prepayments							FF1 111.57c	14.1.9.2(a)A.1.(i)	Transmission Related Prepayments shall be the product of
14	Less: Prepaid State and Federal Income Tax				_			FF1 263 lines 2 & 9 (h)		Prepayments excluding Federal and State taxes multiplied by
15	Total Prepayments	\$0	#DIV/0! (b) =	#DIV/0!	#DIV/0!	(d)	#DIV/0!	=		the Gross Electric Plant Allocation Factor and further
16 17										multiplied by the Gross Transmission Plant Allocation Factor.
18	Transmission Material and Supplies								14.1.9.2(a)A.1.(j)	Transmission Related Materials and Supplies shall equal: (i)
19	Trans. Specific O&M Materials and Supplies						\$0	FF1 227.8	,, ,,	the balance of Materials and Supplies assigned to
20	Construction Materials and Supplies		#DIV/0! (b)	#DIV/0!	#DIV/0!	(d)	#DIV/0!	FF1 227.5		Transmission plus (ii) the product of Material and Supplies
21	Total (Line 19 + Line 20)						#DIV/0!	-		assigned to Construction multiplied by the Gross Electric
22 23								_		Plant Allocation Factor and further multiplied by Gross Transmission Plant Allocation Factor.
									Ef	fective Date: 4/1/2016 - Docket #: ER16-835-000 - Page 13

Schedule

Schedule

(b) Schedule 5, line 32

(d) Schedule 5, line 19

(c) Schedule 5, line 3 - not used on this

24 25	Cash Working Capital			14.1.9.2(a)A.1.(k	Transmission Related Cash Working Capital shall be an
26	Operation & Maintenance Expense	60	Schedule 9, Line 23	,	allowance equal to the product of: (i) 12.5% (45 days/ 360 days = 12.5%)
27	0.129	0	x 45 / 360		multiplied by (ii) Transmission Operation and Maintenance Expense.
28	Total (line 26 * line 27)	0			
29					
30					
	Allocation Factor Reference				
	(a) Schedule 5, line 1 - not used on this				

**Niagara Mohawk Power Corporation Annual Revenue Requirements of Transmission Facilities Cost of Capital Rate** 

Federal Income

14.1.9.2.2.(b) Tax shall equal

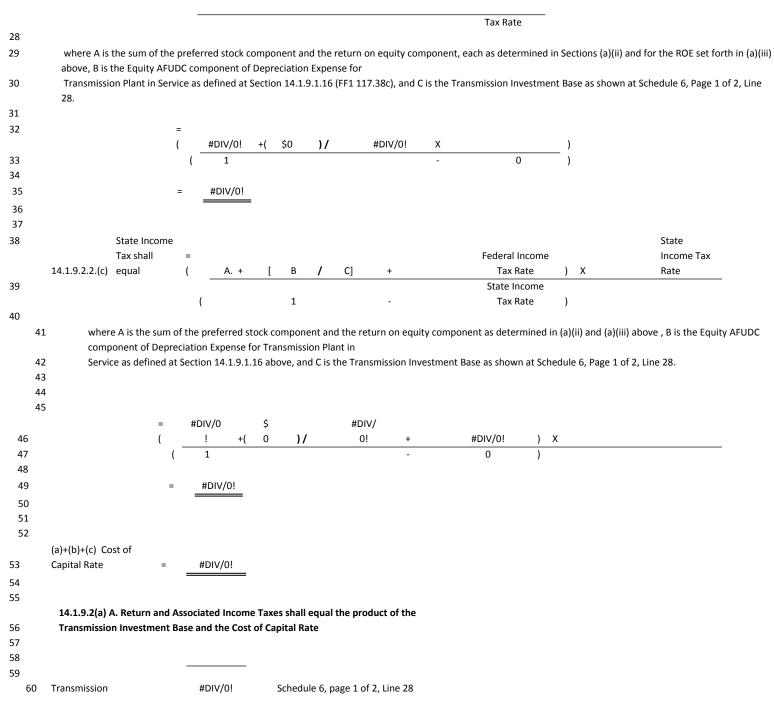
27

Attachment 1 Schedule 8

Shading denotes an input 0 Line No. 1 The Cost of Capital Rate shall equal the proposed Weighted Costs of Capital plus Federal Income Taxes and State Income Taxes. 2 The Weighted Costs of Capital will be calculated for the Transmission Investment Base using NMPC's actual capital structure and will equal the sum of (i), (ii), and (iii) below: 3 4 (i) the long-term debt component, which equals the product of the actual weighted average embedded cost to maturity of NMPC's long-term debt outstanding during the year and the sum of (a) the ratio of actual long-term debt to total capital at year-end; and 5 (b) the extent, if any, by which the ratio of NMPC's actual common equity to total capital at year-end\_exceeds fifty percent (50%). Long term debt shall be defined as the average of the beginning of the year and end of year balances of the following: long term debt less the unamortized 6 Discounts on Long-Term Debt less the unamortized Loss on Reacquired Debt plus unamortized Gain on Reacquired Debt. Cost to maturity of NMPC's longterm debt shall be defined as the cost of long term debt included in the debt discount expense and 7 any loss or gain on reacquired debt. 8 (ii) the preferred stock component, which equals the product of the actual weighted average embedded cost to maturity of NMPC's preferred stock then outstanding and the ratio of actual preferred stock to total capital at year-end; 9 10 (iii) the return on equity component shall be the product of the allowed return on equity of 10.3% and the ratio of NMPC's actual common equity to total capital at year-end, provided that such ratio shall not exceed fifty percent (50%). 11 12 13 WEIGHTED 14 **CAPITALIZATION** COST OF COST OF EQUITY 15 **CAPITALIZATION** Source: **RATIOS** CAPITAL Source: CAPITAL **PORTION** 16 Workpaper. 6, Line Workpaper 6, \$0 17 (i) Long-Term Debt 16b #DIV/0! #DIV/0! Line 17c #DIV/0! Workpaper 6, 18 Preferred Stock FF1 112.3c #DIV/0! #DIV/0! Line 24d #DIV/0! #DIV/0! (ii) FF1 112.16c - FF1 19 (iii) 112.3,12,15c #DIV/0! 10.30% #DIV/0! #DIV/0! Common Equity 20 Total Investment 21 Return \$0 #DIV/0! #DIV/0! #DIV/0! 22 23 24 25 26

Federal Income Tax Rate

Federal Income



	Investment		
	Base		
61			
	Cost of Capital		
62	Rate	#DIV/0!	Line 53
63			
	= Investment Return		
64	and Income Taxes	#DIV/0!	Line 60 X Line 62

#### **Niagara Mohawk Power Corporation** Attachment 1 **Annual Revenue Requirements of Transmission Facilities** Schedule 9 **Transmission Expenses** Attachment H Section 14.1.9.2 0 Shading denotes an input (5) = (3)\*(4)(2) (3) = (1)\*(2)(4) FERC Form 1/ Line (1) Allocation Electric Allocation Transmission **PSC Report** Reference for col (1) No. Total Factor Allocated Factor Allocated Definition **Depreciation Expense** \$0 14.1.9.2.B. Transmission Related Depreciation Expense shall equal the sum of: 1 Transmission Depreciation FF1 336.7f 2 **General Depreciation** 100.0000% \$0 13.0000% (c) \$0 FF1 336.10f (i) Depreciation Expense for Transmission Plant in Service, plus (ii) 3 \$0 Common Depreciation 83.5000% \$0 13.0000% (c) FF1 356.1 the product of Electric General Plant Depreciation Expense multiplied (a) 100.0000% \$0 13.0000% (c) \$0 FF1 336.1f 4 Intangible Depreciation by the Transmission Wages and Salaries Allocation Factor plus (iii) 5 Wholesale Meters #DIV/0! Workpaper 1 Common Plant Depreciation Expense multiplied by the Electric 6 Total (line 1+2+3+4+5) #DIV/0! Wages and Salaries Allocation Factor, further multiplied by the 7 Transmission Wages and Salaries Allocation Factor plus (iv) 8 Intangible Electric Plant Depreciation Expense multiplied by the 9 Transmission Wages and Salaries Factor plus (v) depreciation 10 expense associated with the Wholesale Metering Investment. 11 \$0 #DIV/0! (d) 12 **Real Estate Taxes** 100.0000% #DIV/0! FF1 263.25i 14.1.9.2.C. Transmission Related Real Estate Tax Expense shall equal the 13 electric Real Estate Tax Expenses multiplied by the Gross 14 Transmission Plant Allocation Factor. 15 #DIV/0! 16 **Amortization of Investment Tax** #DIV/0! #DIV/0! (d) #DIV/0! FF1 117.58c 14.1.9.2.D. Transmission Related Amortization of Investment Tax Credits shall (b) Credits equal the product of Amortization of Investment Tax Credits 17 multiplied 18 by the Gross Electric Plant Allocation Factor and further multiplied by 19 the Gross Transmission Plant Allocation Factor. 20 <u>Transmission Operation and Maintenance</u> \$0 21 Operation and Maintenance FF1 321.112b 14.1.9.2.E. Transmission Operation and Maintenance Expense shall equal \$0 22 less Load Dispatching - #561 FF1 321.84-92b the sum of electric expenses as recorded in \$0 23 O&M (Line 21 - Line 22) \$0 FERC Account Nos. 560, 562-574. 24 25 Transmission Administrative and General 14.1.9.2.F. Transmission Related Administrative and General Expenses shall 26 Total Administrative and General FF1 323.197b equal the product of electric Administrative and General Expenses, 27 less Property Insurance (#924) FF1 323.185b excluding the sum of Electric Property Insurance, Electric 28 less Pensions and Benefits (#926) FF1 323.187b Development Expense and Electric Environmental Remediation

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									Expense,
29	less: Research and Development	\$0					Workpaper 12		
	Expenses (#930)								and 50% of the NYPSC Regulatory Expense
30	Less: 50% of NY PSC Regulatory						50% of Workpaper		multiplied by the Transmission Wages and Salaries Allocation
	Expense						15		Factor,
31	Less: 18a Charges (Temporary								
	Assessment						Workpaper 15		
32	less: Environmental Remediation	\$0					Workpaper 11		plus the sum of Electric Property Insurance multiplied by the
	Expense								Gross
33	Subtotal (Line 26-27-28-29-30-	\$0	100.0000	\$0	13.0000% (c)	\$0			Transmission Plant Allocation Factor, plus transmission-specific
	31-32)		%						Electric
34	PLUS Property Insurance alloc.	\$0	100.0000	\$0	#DIV/0! (d)	#DIV/0!	Line 27		
	using Plant Allocation		%						Research and Development Expense, and transmission-specific
35	PLUS Pensions and Benefits	\$88,64	100.0000	\$88,644,0	13.0000% (c)	\$11,523,720	Workpaper 3		Electric Environmental Remediation Expense. In addition,
		4,000	%	00					Administrative
36	PLUS Transmission-related	\$0				\$0	Workpaper 12		
	research and development								and General Expenses shall exclude the actual Post-Employment
37	PLUS Transmission-related	\$0				\$0	Workpaper 11		Benefits Other than Pensions ("PBOP") included in FERC
	Environmental Expense				_		_		Account 926,
38	Total A&G (Line	\$88,64		\$88,644,0		#DIV/0!			and shall add back in the amounts shown on Workpaper 3, page
	33+34+35+36+37)	4,000		00	_				1,
39					_				or other amount subsequently approved by FERC under Section
									205 or 206.
40	Payroll Tax Expense							14.1.9.2.G.	Transmission Related Payroll Tax Expense shall equal the
									product of
41	Federal Unemployment						FF1 263.4i		electric Payroll Taxes multiplied by the Transmission Wages and
42	FICA						FF1 263.3i		Salaries Allocation Factor.
43	State Unemployment						FF1 263.17i		
44	Total (Line 41+42+43)	\$0	100.0000	\$0	13.0000% (b)	\$0	•		
			%						
							•		

Allocation Factor Reference

- (a) Schedule 5, line 1
- (b) Schedule 5, line 32
- (c) Schedule 5, line 3
- (d) Schedule 5, line 19

Attachment 1

**Niagara Mohawk Power Corporation** 

**Annual Revenue Requirements of Transmission Facilities** Schedule 10 Billing Adjustments, Revenue Credits, Rental Income 0 Attachment H Section 14.1.9.2 (a) Shading denotes an input Line (1) Total Definition Source No. 1 **Billing Adjustments** 14.1.9.2.H. Billing Adjustments shall be any adjustments made in accordance with Section 14.1.9.4.4 below. 2 () indicates a refund or a reduction to the revenue requirement on Schedule 1. 3 4 **Bad Debt Expense** \$0 Workpaper 4 14.1.9.2.I. Transmission Related Bad Debt Expense shall equal 5 Bad Debt Expense as reported in Account 904 related to NMPC's wholesale transmission billing. 6 7 **Revenue Credits** \$0 Workpaper 5 14.1.9.2.J. Revenue Credits shall equal all Transmission revenue recorded in FERC account 456 8 excluding (a) any NMPC revenues already reflected in the WR, CRR, SR, ECR and Reserved 9 components in Attachment H of the NYISO TSC rate; (b) any revenues associated 10 with expenses that have been excluded from NMPC's revenue requirement; and (c) any 11 revenues associated with transmission service provided under this TSC rate, for which the 12 load is reflected in the calculation of BU. 13 \$0 14 Transmission Rents Workpaper 7 14.1.9.2.K. Transmission Rents shall equal all Transmission-related rental income recorded in FERC 15 account 454.615 16 17 14.1.9.4(d) 18 1 Any changes to the Data Inputs for an Annual Update, including but not limited to 19 revisions resulting from any FERC proceeding to consider the Annual Update, or 20 as a result of the procedures set forth herein, shall take effect as of the beginning 21 of the Update Year and the impact of such changes shall be incorporated into the 22 charges produced by the Formula Rate (with interest determined in accordance 23 with 18 C.F.R. § 38.19(a)) in the Annual Update for the next effective Update 24 Year. This mechanism shall apply in lieu of mid-Update Year adjustments and 25 any refunds or surcharges, except that, if an error in a Data Input is discovered 26 and agreed upon within the Review Period, the impact of such change shall be 27 incorporated prospectively into the charges produced by the Formula Rate during 28 the remainder of the year preceding the next effective Update Year, in which case 29 the impact reflected in subsequent charges shall be reduced accordingly. 30 2 The impact of an error affecting a Data Input on charges collected during the 31 Formula Rate during the five (5) years prior to the Update Year in which the error 32 was first discovered shall be corrected by incorporating the impact of the error on

33 34 35	the charges produced by the Formula Rate during the five-year period into the charges produced by the Formula Rate (with interest determined in accordance with 18 C.F.R. § 38.19(a)) in the Annual Update for the next effective Update
36	Year. Charges collected before the five-year period shall not be subject to correction.

NYISO Tariffs --> Open Access Transmission Tariff (OATT) --> 14 OATT Attachment H - Annual Transmission Revenue Requireme --> 14.2-14.2.2 OATT Att H Attachment 1 to Attachment H

Attachment 1
Schedule 11
Page 1 of 1

Niagara Mohawk Power Corporation
System, Control, and Load Dispatch Expenses (CCC)

Attachment H, Section 14.1.9.5

The CCC shall equal the annual Scheduling, System Control and Dispatch Costs (i.e., the transmission component of control center costs) as recorded in FERC Account 561 and its associated sub-accounts using information from the prior calendar year, excluding NYISO system control and load dispatch expense already recovered under Schedule 1 of the NYISO Tariff.

1	Scheduling and Dis	spatch Expenses		<u>0</u>	<u>Source</u>		
2							
3	Accounts	561	Load Dispatching		FF1 321.84b		
4	Accounts	561.1	Reliability		FF1 321.85b		
5	Accounts	561.2	Monitor and Operate Transmission System		FF1 321.86b		
6	Accounts	561.3	Transmission Service and Schedule		FF1 321.87b		
7	Accounts	561.4	Scheduling System Control and Dispatch		FF1 321.88b		
8	Accounts	561.5	Reliability, Planning and Standards Development		FF1 321.89b		
9	Accounts	561.6	Transmission Service Studies		FF1 321.90b		
10	Accounts	561.7	Generation Interconnection Studies		FF1 321.91b		
11	Accounts	561.8	Reliability, Planning and Standards Dev. Services		FF1 321.92b		
12							
13	Total Load Dispatch Expenses (sum of Lines 3 - 11) sum lines 3 - 11						
14							
15	Less Account 561 directly recovered under Schedule 1 of the NY ISO Tariff						
16							
17	Accounts	561.4	Scheduling System Control and Dispatch		line 7		
18	Accounts	561.8	Reliability, Planning and Standards Dev. Services		line 11		
19	Total NYISO Schedule 1						
20							
21	Total CCC Componer	nt			line 13 - line 19		

Attachment 1 Schedule 12 Page 1 of 1

Niagara Mohawk Power Corporation Billing Units - MWH

Attachment H, Section 14.1.9.6

BU shall be the total Niagara Mohawk load as reported to the NYISO for the calendar billing year prior to the Forecast Period, including the load for customers taking service under Niagara Mohawk's TSC Rate. The total Niagara Mohawk load will be adjusted to exclude (i) load associated with wholesale transactions being revenue credited through the WR, CRR, SR, ECR and Reserved components of Workpaper H of the NYISO TSC rate including Niagara Mohawk's external sales, load associated with grandfathered OATT agreements, and any load related to pre-OATT grandfathered agreements; (ii) load associated with transactions being revenue credited under Historical TRR Component J; and (iii) load associated with netted station service.

Line No.			SOURCE
1	Subzone 1		NIMO TOL (transmission owner load)
2	Subzone 2		NIMO TOL (transmission owner load)
3	Subzone 3		NIMO TOL (transmission owner load)
4	Subzone 4		NIMO TOL (transmission owner load)
5	Subzone 29		NIMO TOL (transmission owner load)
6	Subzone 31		NIMO TOL (transmission owner load)
7	Total NIMO Load report to NYISO	0.000	sum lines 1-6
8	LESS: All non-retail transactions		
9	Watertown		FF1 page 329.11.j
10	Disputed Station Service		NIMO TOL (transmission owner load)
11	Other non-retail transactions		All other non-retail transactions (Sum of 300,000 series PTID's from TOL)
12	Total Deductions	0.000	sum lines 9 - 11
13	PLUS: TSC Load		
14	NYMPA Muni's, Misc. Villages, Jamestown (X1)		FF1 page 329.19.j
15	NYPA Niagara Muni's (X2)		FF1 page 329.1.j
16	Total additions	0.000	sum lines 15 -17
17	Total Billing Units	0.000	line 7 - line 12 + line 16

# 14.2.2 NYPA Transmission Adjustment Charge ("NTAC")

# 14.2.2.1 Applicability of the NYPA Transmission Adjustment Charge

Each Billing Period, the ISO shall charge, and each Transmission Customer shall pay, the applicable NYPA Transmission Adjustment Charge ("NTAC") calculated in accordance with Section 14.2.2.2.2 of this Attachment for the first two (2) months of LBMP and in accordance with Section 14.2.2.2.1 of this Attachment thereafter. The NTAC shall apply to Transmission Service:

- 14.2.2.1.1 from one or more Interconnection Points between the NYCA and another Control Area to one or more Interconnection Points between the NYCA and another Control Area ("Wheels Through"); or
- 14.2.2.1.2 from the NYCA to one or more Interconnection Points between the NYCA and another Control Area, including transmission to deliver Energy purchased from the LBMP Market and delivered to such a Control Area Interconnection ("Exports");3 or
- 14.2.2.1.3 to serve Load within the NYCA.

In summary, the NTAC will be applied to all Energy Transactions, including internal New York State Loads and Wheels Through and Exports out of the NYCA at a uniform, non-discountable rate.

# 14.2.2.2 NTAC Calculation

## 14.2.2.2.1 NTAC Formula

Beginning with January 2001, NYPA shall calculate the NTAC applicable to Transmission Service to serve New York State Load, Wheels Through and Exports as follows:

<sup>&</sup>lt;sup>1</sup> The NTAC shall not apply to Wheels Through or Exports scheduled with the ISO to destinations within the New England Control Area provided that the conditions listed in Section 2.7.2.1.4 of this Tariff are satisfied.

$$NTAC = \{(ATRR_{NTAC} \div 12) - (EA) - (IR \div 12) - SR - CRN - WR - ECR - NR - NT\}/(BU \div 12)$$

Where:

ATRR<sub>NTAC</sub> = NYPA's Annual Transmission Revenue Requirement for costs not recoverable through project-specific transmission revenue requirements, which includes the Scheduling, System Control and Dispatch Costs of NYPA's control center, all as determined in accordance with the Formula Rate Template provided in Section 14.2.3.1 of this Attachment, and as reflected on SCH - Summary, line 11 of the Formula Rate Template;

EA = Monthly Net Revenues from Modified Wheeling Agreements, Facility

Agreements and Third Party TWAs, and Deliveries to directly connected

Transmission Customers;

$$SR = SR_1 + SR_2$$

 $SR_1$  will equal the revenues from the Direct Sale by NYPA of Original Residual TCCs, and Grandfathered TCCs associated with ETAs, the expenses for which are included in NYPA's  $ATRR_{NTAC}$  where NYPA is the Primary Owner of said TCCs.

SR<sub>2</sub> will equal NYPA's revenues from the Centralized TCC Auction allocated pursuant to Attachment M; this includes revenues from: (a) TCCs associated with Residual Transmission Capacity that are sold in the Centralized TCC Auction; and (b) the sale of Grandfathered TCCs associated with ETAs, if the expenses for these ETAs are included in NYPA's ATRR<sub>NTAC</sub>.

Revenue from TCCs associated with Residual Transmission Capacity includes payments for Original Residual TCCs that the Transmission Providers sell through the Centralized TCC

Auction and the allocation of revenue for other TCCs sold through the Centralized TCC Auction (per the Facility Flow-Based Methodology described in Attachment N).

SR<sub>1</sub> shall be updated prior to the start of each month based on actual data for the calendar month prior to the month in which the adjustment is made (i.e., January actual data will be used in February to calculate the NTAC effective in March). SR<sub>1</sub> for a month in which a Direct Sale is applicable shall equal the total nominal revenue that NYPA will receive under each applicable TCC sold in a Direct Sale divided by the duration of the TCC (in months).

SR<sub>2</sub> shall equal the Transmission Owner's share of Net Auction Revenue for all rounds of a Centralized TCC Auction, as calculated pursuant to Attachment N, divided equally among the months covered by the Centralized TCC Auction. SR<sub>2</sub> shall be adjusted after each Centralized TCC Auction, and the revised SR<sub>2</sub> shall be effective at the start of each Capability Period;

- ECR = NYPA's share of Net Congestion Rents in a month, calculated pursuant to

  Attachment N. The computation of ECR is exclusive of any Congestion

  payments or Rents included in the CRN term;
- CRN = Monthly Day-Ahead Congestion Rents in excess of those required to offset Congestion paid by NYPA's SENY governmental customers associated with the NYPA OATT Niagara/St. Lawrence Service reservations, net of the Initial Cost.
- IR = A. The amount that NYPA will credit to its ATRR<sub>NTAC</sub> assessed to the SENY Load on account of the foregoing NYPA Niagara/St. Lawrence OATT reservations for SENY governmental customers. Such annual revenues will be computed as the product ("Initial Cost") of NYPA's current OATT system rate of \$2.23 per kilowatt per month and the 600

MW of TCCs (or the amount of TCCs reduced by Paragraph C below). In the event NYPA sells these TCCs (or any part thereof), all revenues from these sales will offset the NTAC and the Initial Cost will be concomitantly reduced to reflect the net amount of Niagara/St. Lawrence OATT Reservations, if any, retained by NYPA for the SENY Load. The parties hereby agree that the revenue offset to NTAC will be the greater of the actual sale price obtained by NYPA for the TCCs sold or that computed at the applicable system rate in accordance with Paragraph B below;

- B. The system rate of \$2.23 per kilowatt per month will be benchmarked to the ATRR<sub>NTAC</sub> for NYPA transmission initially accepted by FERC ("Base Period ATRR<sub>NTAC</sub>") for the purposes of computing the Initial Cost. Whenever an amendment to the ATRR<sub>NTAC</sub> is accepted by FERC or the ATRR<sub>NTAC</sub> is updated pursuant to the procedures set forth in Section 14.2.3.2 of this Attachment ("Amended ATRR<sub>NTAC</sub>"), the system rate for the purpose of computing the Initial Cost will be increased (or decreased) by the ratio of the Amended ATRR<sub>NTAC</sub> to the Base Period ATRR<sub>NTAC</sub> and the effect of Paragraph A on NTAC will be amended accordingly.
- C. If prior to the Centralized TCC Auction all Grandfathered
  Transmission Service including NYPA's 600 MW Niagara/St. Lawrence
  OATT reservations held on behalf of its SENY governmental customers
  are found not to be feasible, then such OATT reservations will be reduced
  until feasibility is assured. A reduction, subject to a 200 MW cap on the

total reduction as described in Attachment M, will be applied to the NYPA Niagara/St. Lawrence OATT reservations held on behalf of its SENY governmental customers.

- WR = NYPA's revenues from external sales (Wheels Through and Exports) not associated with Existing Transmission Agreements in Attachment L,

  Tables 1 and 2 and Wheeling revenues from OATT reservations extending beyond the start-up of the ISO;
- NR = NYPA Reserved1 + NYPA Reserved2

NYPA Reserved1 will equal NYPA's Congestion payments for a month received pursuant to Section 20.2.3 of Attachment N of this Tariff for NYPA's RCRR TCCs.

NYPA Reserved2 will equal the value that NYPA receives for the sale of RCRR TCCs in a month, with the value for each RCRR TCC sold divided equally over the months remaining until the expiration of that RCRR TCC.

- NT = The amount of actual NYPA transmission revenues minus NYPA's monthly revenue requirement.
- BU = Annual Billing Units are New York State Loads and Loads associated with Wheels Through and Exports in megawatt-hours ("MWh").

The  $ATRR_{NTAC}$  and SR will not include expenses for NYPA's purchase of TCCs or revenues from the sale of such purchased TCCs or from the collection of Congestion Rents for such TCCs.

The ECR, EA, CRN, WR, NR, and NT shall be updated prior to the start of each month based on actual data for the calendar month prior to the month in which the adjustment is made (i.e., January actual data will be used in February to calculate the NTAC effective in March).

The NTAC shall be calculated as a \$/MWh charge and shall be applied to Actual Energy Withdrawals, except for Wheels Through and Exports in which case the NTAC shall be applied to scheduled Energy quantities. The NTAC shall not apply to scheduled quantities that are Curtailed by the ISO.

# 14.2.2.2.2 Implementation of NTAC

At the start of LBMP implementation certain variables of the NTAC equation will not be available. For the first and second months of LBMP implementation, the only terms in the NTAC equation that will be known by NYPA are its historical Annual Transmission Revenue Requirement (ATRR<sub>NTAC</sub>) and the historical Billing Units (BU), which have been approved by or filed with FERC. For these two months NYPA shall calculate the NTAC using the following equation:

$$NTAC = {(ATRR_{NTAC} \div 12) - (EA) - (IR \div 12)}/(BU \div 12)$$

SR<sub>2</sub> shall not be available until after the first Centralized TCC Auction. For the third month of LBMP implementation until the second month of the Capability Period corresponding to the first Centralized TCC Auction, NYPA shall recalculate the NTAC using the following equation:

$$NTAC = \{(ATRR_{NTAC} \div 12) - (EA) - (IR \div 12) - WR - CRN - SR_1 - ECR\}/(BU \div 12)$$

Prior to and during implementation of LBMP those current NYPA transmission customers wishing to terminate their Third Party TWAs shall notify the ISO. The ISO shall duly inform NYPA of such conversion so that NYPA can calculate revenues (EA) to be derived from Existing Transmission Wheeling Agreements.

## 14.2.2.2.3

NYPA's recovery pursuant to NTAC initially is limited to expenses and return associated with its transmission system as that system exists at the time of FERC approval of the NTAC ("base period revenue requirement"). Additions to its system may be included in the computation of NTAC only if: a) upgrades or expansions do not exceed \$5 million on an annual basis; or b) such upgrades or expansions have been unanimously approved by the Transmission Owners. Notwithstanding the above, NYPA may invest in transmission facilities in excess of \$5 million annually without unanimous Transmission Owners' authorization outside the NTAC recovery mechanism. In that case, NYPA cannot recover any expenses or return associated with such additions under NTAC and any TCC or other revenues associated with such additions will not be considered NYPA transmission revenue for purposes of developing the NTAC nor be used as a credit in the allocation of NTAC to transmission system users.

# 14.2.2.3 Filing and Posting of NTAC

NYPA shall coordinate with the ISO to update certain components of the NTAC formula on a monthly or Capability Period basis. NYPA may update the NTAC calculation to change the ATRR<sub>NTAC</sub>, initially approved by FERC, and such updates shall be submitted to FERC each year as part of NYPA's informational filing pursuant to Section 14.2.3.2.6 of this Attachment. An integral part of the agreement between the other Transmission Owners and NYPA is NYPA's consent to the submission of its ATRR<sub>NTAC</sub> for FERC review and approval on the same basis and subject to the same standards as the Revenue Requirements of the Investor-Owned Transmission Owners. Each January, beginning with January 2001, the ISO shall inform NYPA of the prior year's actual New York internal Load requirements and the actual Wheels Through and Exports and shall post this information on the OASIS. NYPA shall change the BU component of the

NTAC formula to reflect the prior calendar year's information, with such change to take effect beginning with the March NTAC of the current year. NYPA will calculate the monthly NTAC and provide this information to the ISO by no later than the fourteenth day of each month, for posting on the OASIS to become effective on the first day of the next calendar month.

Beginning with LBMP implementation, the monthly NTAC shall be posted on the OASIS by the ISO no later than the fifteenth day of each month or as soon thereafter as is reasonably possible but in no event later than the 20th of the month to become effective on the first day of the next calendar month.

## 14.2.2.4 NTAC Calculation Information

NYPA's ATRR $_{NTAC}$  for facilities owned as of January 31, 1997, and Annual Billing Units (BU) of the NTAC are:

 $ATRR_{NTAC} = $165,449,297$ 

BU = 133,386,541MWh

NYPA's ATRR<sub>NTAC</sub> is subject to FERC review because it is collected through the ISO's jurisdictional rates, and will be filed, together with any project-specific revenue requirements, with the Commission each year for informational purposes pursuant to Section 14.2.3.2.6 of this Attachment.

# **14.2.2.5** Billing

The New York State Loads, Wheels Through, and Exports will be billed based on the product of: (i) the NTAC; and (ii) the Customer's billing units for the Billing Period. The billing units will be based on the metered energy for all Transactions to supply Load in the

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NYCA during the Billing Period, and hourly Energy schedules for the Billing Period for all Wheels Through and Exports.