14.2 Attachment 1 to Attachment H (Niagara Mohawk Power Corporation) and NYPA Transmission Adjustment Charge

14.2.1 Attachment 1 to Attachment H: Schedules (Niagara Mohawk Power Corporation)

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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	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) Transmission Related Bad Debt 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 Year

	_	denotes an input				
Line No.						
1	14.1.9.2 (b)	FORECASTED TRANSMISSION REVENUE REQUIREMENTS				
2	(5)	Forecasted TRR shall equal (1) the Forecasted Transmission Plant Add	itions (FTPA	ı) multiplied by the Adjı	usted Annual (AFTRRF), plus (2) Forecasted ADIT A	djustment (FADITA), plus (3) the Mid-Yea
		Trend				
3		Adjustment (MYTA), less (4) Transmission Support Payments (TSP), pl	us (5) the Ta	ax Rate Adjustment (TRA	A), less (6) Other Billing Adjustments (OBA) as shov	vn in the following formula:
4						
5		Forecasted TRR = (FTPA * AFTRRF) + FADITA + MY	/TA - TSP + ⁻	ΓRA - OBA		
6						
7			<u>Period</u>	<u>Reference</u>		<u>Source</u>
8						
9 10	(1)	EODECASTED TRANSMISSION DI ANT ADDITIONS (ETDA)			\$0	Worknaper 9 Section Lline 16
11	(1)	FORECASTED TRANSMISSION PLANT ADDITIONS (FTPA) Adjusted Annual Transmission Revenue Requirement Factor			#DIV/0!	Workpaper 8, Section I, Line 16 Line 78
11		(AFTRRF)			#DIV/0:	Line 70
12		Sub-Total (Lines 10*11)			#DIV/0!	
13		500 Foto (2.1165 15 11)			213701	
14	(2)	FORECASTED ADIT ADJUSTMENT (FADITA)				
15		The Forecasted ADIT Adjustment (FADITA) shall equal the				
		Forecasted ADIT (FADIT)				
16		multiplied by the Cost of Capital Rate, where:				
17						
18		Forecasted ADIT(FADIT) shall equal the projected change in				
		Accumulated Deferred Income Taxes from the most recently				
19		concluded calendar year related to accelerated depreciation and				
20		associated with Transmission Plant for the				
20		Forecasted Period calculated in accordance with Treasury regulation				
21		Section 1.167(1)-1(h)(6).				
22		Forecasted ADIT (FADIT)			#DIV/0!	Schedule 13, Line 24
23		Cost of Capital Rate			#DIV/0!	Schedule 8, Line 62
24		Forecasted ADIT Adjustment (FADITA)			#DIV/0!	Line 22 * Line 23
25		, , ,			,	
26	(3)	MID YEAR TREND ADJUSTMENT (MYTA)				
27		The Mid-Year Trend Adjustment shall be the difference, whether				
		positive or negative, between				
28		(i) the Historical TRR Component (E) excluding Transmission Support				
		Payments, based on actual data for the first three months of the				
		Forecast Period,				
29		and (ii) the Historical TRR Component (F) excluding Transmission				

				, , , , , , , , , , , , , , , , , , , ,
	Support Payments, based on data for the first three months of the			
	year prior to the Forecast Period.			
30				
31	Plus Mid-Year Trend Adjustment (MYTA)		\$0	Workpaper 9, line 32, variance column
32				
33	(4) TRANSMISSION SUPPORT PAYMENTS (TSP)			
34	Less Impact of Transmission Support Payments on Historical		\$0	Worpaper 9A
	Transmission Revenue Requirement		4-	
35	Less: Other Billing Adjustments - Dunkirk Settlement ER14-543-000		\$0	Schedule 10
36 37	(E) TAY DATE ADMISTMENT (TDA)			
37	(5) TAX RATE ADJUSTMENT (TRA)			
38	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			
39	and/or the State Income Tax Rate that takes effect during the first			
33	five months of the Forecast Period.			
40				
41	Tax Rate Adjustment (TRA)		\$0	
42				
43	(6) OTHER BILLING ADJUSTMENTS (OBA)			
44	Other Billing Adjustments shall equal any amounts related to the			
	HTRR calculation that are			
45	required to be adjusted in the current year's FTRR to remove the			
	impact on the Update Year			
46				
47	Other Billing Adjustments (OBA)		\$0	Schedule 10, Line 1
48				
49	Forecasted Transmission Revenue Requirement (Line 12 + Line 24		#DIV/0!	
	+ Line 31 – Line 34 – Line 35 + Line 41-Line 47)			
50				
	1.1.9.2(c) ANNUAL FORECAST TRANSMISSION REVENUE REQUIREMENT FACTO	<u>OR</u>		
52 53	Adjusted Annual Forecast Transmission Revenue Requirement Factor	(ACTORE) shall actual the difference between	wash the Annual Foresast	
53 54	Transmission Revenue Requirement Factor (FTRRF) and the quotient	•		
55	Accumulated Deferred Taxes less Accumulated Deferred Inv. Tax Cr (2			
56	and (ii) the year-end Transmission Plant in Service determined in acco		• •	
57	and (ii) the year cha transmission than in service determined in deed	Statilee with Section 14.1.3.2 (a), compo	ment (A)1(a).	
58	The Annual Forecast Transmission Revenue Requirement Factor (Ann	nual FTRRF) shall equal the sum of Histori	cal TRR components (A) through (C).	
59	divided by the year-end balance of Transmission Plant in Service dete			
60	, ,			
61	Deriviation of Annual Forecast Transmission Revenue Requirement			
	Factor (FTRRF)			
62	Investment Return and Income Taxes	(A)	#DIV/0!	Schedule 1, Line 10
63	Depreciation Expense	(B)	#DIV/0!	Schedule 1, Line 11

NYISO Tariffs --> Open Access Transmission Tariff (OATT) --> 14 OATT Attachment H - Annual Transmission Revenue Requireme --> 14.2-14.2.1 OATT Att H Attachment 1 to Attachment H

NYISO Tariffs --> Open Access Transmission Tariff (OATT) --> 14 OATT Attachment H - Annual Transmission Revenue Requireme --> 14.2-14.2.1 OATT Att H Attachment 1 to Attachment H

64	Property Tax Expense	(C)	#DIV/0!	Schedule 1, Line 12
65	Total Expenses (Lines 62 thru 64)		#DIV/0!	
66	Transmission Plant	(a)	#DIV/0!	Schedule 6, Page 1, Line 12
67	Annual Forecast Transmission Revenue Requirement Factor		#DIV/0!	
	(Lines 65/ Line 66)			
68				
69	Adjustment to FTRRF to reflect removal of ADIT that is subject to			
	normalization			
70	Transmission Related ADIT Balance at year-end		#DIV/0!	Schedule 7, Line 6, Column L
71	Less: Accumulated Deferred Inv. Tax Cr (255)		#DIV/0!	Schedule 7, Line 5, Column L
72	Net Transmission ADIT Balance at year-end		#DIV/0!	Line 70 - Line 71
73	Cost of Capital Rate		#DIV/0!	Schedule 8, Line 62
74	Total Return and Income Taxes Associated with ADIT Balance at		#DIV/0!	Line 72 * Line 73
	year-end			
75				
76	Annual Forecast Transmission Revenue Requirement Factor (FTRRF)		#DIV/0!	Line 67
77	Less: Incremental Annual Forecast Transmission Revenue		#DIV/0!	Line 74 / Line 66
	Requirement Factor Adjustment for ADIT			
78	Adjusted Annual Forecast Transmission Revenue Requirement Factor		#DIV/0!	Line 76 - Line 77
	(AFTRRF)			

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

A	Attachment H Sec	ction 14.1.9.2 (c)									
Line No.							Year			Source:		
1								_				
2	14.1.9.2(d)			equal (1) the difference								
3			•			· .	ling, System Control and Dispatch costs					
4			= :	m Control and Dispatch			the Prior Yea	r Billing Units a	nd the Actual Year			
5		Billing Units n	nultiplied by the Pr	ior Year Unit Rate, plus ((4) Interest on the net	differences.						
6 7	(1)	Povonuo Pogi	uiromont (PP) of ra	ite effective July 1 of prid	ar voar		\$0	1	Schodulo 4	Line 1, Col (d)		
8	(1)	=		n rate effective July 1 of		\$0			Line 1, Col (d)			
9			insmission Revenue	•	prior year	_	\$0		Line 7 - Line			
10		Thor real tra	mismission nevenu	Requirement			Ç.		Line / Line	· ·		
11		Actual Transn	nission Revenue Re	equirement			#DIV/0!		Schedule 4.	Line 2, Col (a)		
12		Difference					#DIV/0!		Line 11 - Lin			
13							•					
14	(2)	Prior Year Sch	neduling, System C	ontrol and Dispatch costs	s (CCC)		\$0	1	Schedule 4,	Line 1, Col (e)		
15		Actual Schedu	uling, System Conti	ol and Dispatch costs (C	CC)		\$0	1	Schedule 4, Line 2, Col (e)			
16		Difference				\$0 Line 15 - Line 14						
17												
18	(3)	Prior Year Bill	ing Units (MWH)				\$0	1	Schedule 4,	Line 1, Col (f)		
19		Actual Billing					-	-	•	Line 2, Col (f)		
20		Difference					-		Line 18 - Lin			
21		Prior Year Ind	licative Rate				#DIV/0!	_	Schedule 4,	Line 1, Col (g)		
22		Billing Uni	t True-Up				#DIV/0!		Line 20 * Lir	ne 21		
23												
24		Total Annual	True-Up before Int	erest			#DIV/0!		(Line 12 + Line 16 + Line 22)			
25												
26	(4)	Interest				#DIV/0! Line 57				umn 9		
27		A I	. DD C							26)		
28		Annual True-I	up RR Component				#DIV/0!		(Line 24 + Li	ne 26)		
29												
30		Interest Calcu	ılation per 18 CFR {	§ 35.19a								
31		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
32		Quarters	Annual	Accrued Prin	Monthly	Days			Accrued Prin	Accrued		
33			Interest	& Int. @ Beg	(Over)/Under	in	Period		& Int. @ End	Int. @ End		
34			Rate (a)	Of Period	Recovery	Period (b)	Days	Multiplier	Of Period	Of Period		
35												
36		3rd QTR		0		92	92	1.0000	\$0	\$0		
37		July	0.00%		#DIV/0!	31	92	1.0000	#DIV/0!	#DIV/0!		
38		August	0.00%		#DIV/0!	31	61	1.0000	#DIV/0!	#DIV/0!		
39		September	0.00%		#DIV/0!	30	30	1.0000	#DIV/0!	#DIV/0!		
40												

41	4th QTR		#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		#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!	28	60	1.0000	#DIV/0!	#DIV/0!
49	March	0.00%		#DIV/0!	31	31	1.0000	#DIV/0!	#DIV/0!
50									
51	2nd QTR		#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!

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

⁽b) For leap years use 29 days in the month of February

Attachment 1 Schedule 4 **Niagara Mohawk Power Corporation** Wholesale TSC Calculation Information (a) (b) (c) (d) (e) (f) (g) Historical Transmission Forecasted Scheduling Revenue Transmission Revenue System Control **Annual Billing** Requirement Revenue Requirement and Dispatch Units (BU) Line No. (Historical TRR) Requirement Annual True Up (RR) Costs (CCC) MWh Rate \$/MWh (*) 1 Prior Year Rates Effective #DIV/0! Current Year Rates Effective July 1, 2 #DIV/0! #DIV/0! #DIV/0! #DIV/0! Increase/(Decrease) #DIV/0! Percentage Increase/(Decrease) #DIV/0! 1.) Information directly from Niagara Mohawk Prior Year Informational Filing 2.) Schedule 1, Line 24 (a) (b) Schedule 2, Line 49 Schedule 3, Line 28 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 Schedule 11, Line 21 - 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 subaccounts from the prior calendar year excluding any NY Independent System Operator (NYISO) system control and load dispatch expenses already recovered under Schedule 1 of the NYISO Tariff. Schedule 12, line 17 - 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. (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.

Niagara Mohawk Power Corporation Allocation Factors - As calculated pursuant to Section 14.1.9.1

Attachment 1
Schedule 5

Year

Shading denotes an input

Line No

		Description	Amount	Source	Definition
1	14.1.9.1 1.	Electric Wages and Salaries Factor	83.5000%		Fixed per settlement Docket ER08-552
2					
3	14.1.9.1 3.	<u>Transmission Wages and Salaries Allocation Factor</u>	13.0000%		Fixed per settlement Docket ER08-552
4					
5					
6					
7					
8	14.1.9.1 2.	Gross Transmission Plant Allocation Factor			
0		Transmission Blantin Comins	#DIV//01	Cabadula C. Dana 2. Lina 2. Cal F	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,
10		Plus. Halisillission Related General	ŞU	Scriedule 6, Page 2, Line 3, Coi 3	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	divided by Gross Electric Fluits.
14		Gross transmission investment	1121170.	Sum of Lines 3 13	
15		Total Electric Plant		FF1 207.104g	
16		Plus: Electric Common	\$0	Schedule 6, Page 2, Line 10, Col 3	
17		Gross Electric Plant in Service	\$0	Line 15 + Line 16	
18			·		
19		Percent Allocation	#DIV/0!	Line 13 / Line 17	
20					
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	
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32 Percent Allocation

31

#DIV/0!

Line 25 / Line 30

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>

2 3 4

5

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.

8

10	Description	Reference	Year	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!	

Niagara Mohawk Power Corporation Attachment 1 **Annual Revenue Requirements of Transmission Facilities** Schedule 6 Transmission Investment Base (Part 1 of 2) Page 2 of 2 Attachment H Section 14.1. 9.2 (a) A. 1. Year Shading denotes an input (2) (3) = (1)*(2)(4) (5) = (3)*(4)FERC Form Line (1) Allocation Electric 1/PSC Report Allocation Transmission Reference for Allocated Allocated col (1) **Definition** No. 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 3 Total Transmission Plant in Service (Line 1+ Line 2) #DIV/0! Investment. 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% (a) \$0 13.00% \$0 FF1 201. 8h 14.1.9.2(a)A.1.(c) 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% (c) FF1 205.5g 14.1.9.2(a)A.1.(d) Plant shall equal Intangible Electric Plant multiplied by the 16 Transmission Wages and 17 Salaries Allocation Factor. 18

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20 21 22	Transmission Plant Held for Future Use Transmission Accumulated	\$0					Ξ	\$0	Workpaper 10	14.1.9.2(a)A.1.(e)	Transmission Related Plant Held for Future Use shall equal the balance in Plant Held for Future Use associated with property planned to be used for transmission service within five years.
23	<u>Depreciation</u>										Transmission Related
24	Transmission Accum. Depreciation							\$0	FF1 219.25b	14.1.9.2(a)A.1.(f)	Depreciation Reserve shall equal the balance of: (i) Transmission
25	General Plant Accum.Depreciation		100.00%		\$0	13.00%	(c)	\$0	FF1 219.28b		Depreciation Reserve, plus (ii) the product of Electric General
26	Common Plant Accum Depreciation		83.50%	(a)	\$0	13.00%	(c)	\$0	FF1 356.1 end	of year balance	Plant Depreciation Reserve
27	Amortization of Other Utility Plant		100.00%		\$0	13.00%	(c)	\$0	FF1 200.21c		multiplied by the Transmission Wages and Salaries
28	Wholesale Meters	#DIV/0!					<u>-</u>	#DIV/0!	Workpaper 1		Allocation Factor, plus (iii) the product of Common Plant
29	Total Depreciation (Sum of Line 24 - Line	28)					_	#DIV/0!			Depreciation Reserve multiplied by the Electric Wages and
30							-				Salaries Allocation Factor and further multiplied by the Transmission Wages and
31											Salaries Allocation Factor plus (iv) the product of Intangible
32											Electric Plant Depreciation Reserve
33											multiplied by the Transmission Wages and Salaries Allocation Factor plus (v)
34											depreciation reserve associated with the Wholesale Metering
35 36	Allocation Factor Reference (a) Schedule 5, line 1 (b) Schedule 5, line 32 - not used on this S (c) Schedule 5, line 3 (d) Schedule 5, line 19 - not used on this S										Investment.

Annual Revenue Requirements of Transmission Facilities Transmission Investment Base (Part 2 of 2)

21

22

Total (Line 19 + Line 20)

Schedule 7

Attachment H Section 14.1.9.2 (a) A. 1. Shading denotes an input Year (3) =(1)*(2)FERC Form 1/PSC Electric (2) (4) (5) = (3)*(4)Report Line (1) Allocation Allocation **Allocate** Transmissio Reference for col (1) No. **Total Factor** d **Factor** n Allocated **Definition** Transmission Accumulated Deferred 1 Taxes 14.1.9.2(a)A.1.(g Accumulated Deferred Taxes (281-Transmission Related Accumulated Deferred Income Taxes 2 100.00% \$0 #DIV/0! (d) #DIV/0! FF1 275.2k 282) Workpaper 2, 3 Accumulated Deferred Taxes (283) \$0 100.00% \$0 #DIV/0! (d) #DIV/0! shall equal the electric balance of Total Accumulated Deferred Line 5 Income Taxes (FERC Accounts 190, 55,281, 282, and 283 net 4 Accumulated Deferred Taxes (190) 100.00% (d) FF1 234.8c \$0 #DIV/0! #DIV/0! Accumulated Deferred Inv. Tax Cr 5 100.00% \$0 #DIV/0! (d) #DIV/0! FF1 267.8h stranded costs), multiplied by the Gross Transmission Plant (255)6 \$0 #DIV/0! Total (Sum of Line 2 - Line 5) Allocation Factor. 7 8 Other Regulatory Assets FF1 232 lines 14.1.9.2(a)A.1.(h 9 #DIV/0! Transmission Related Regulatory Assets shall be Regulatory FAS 109 (Asset Account 182.3) 100.00% \$0 #DIV/0! (d) 2,20,25,31 FF1 278lines 1& 10 FAS 109 (Liability Account 254) 100.00% \$0 #DIV/0! (d) #DIV/0! Assets net of Regulatory Liabilities multiplied by the Gross 29(f) \$0 \$0 #DIV/0! 11 Total (Line 9 + Line 10) Transmission Plant Allocation Factor. 12 13 **Transmission Prepayments** FF1 111.57c 14.1.9.2(a)A.1.(i) Transmission Related Prepayments shall be the product of Less: Prepaid State and Federal FF1 263 lines 2 14 Prepayments excluding Federal and State taxes multiplied by Income Tax &7 (h) Total Prepayments (Line 13 + Line #DIV/0! 15 \$0 #DIV/0! #DIV/0! #DIV/0! (d) the Gross Electric Plant Allocation Factor and further 14) (b) 16 multiplied by the Gross Transmission Plant Allocation Factor. 17 18 **Transmission Material and Supplies** Transmission Related Materials and Supplies shall equal: (i) 14.1.9.2(a)A.1.(j) Trans. Specific O&M Materials and 19 \$0 FF1 227.8c the balance of Materials and Supplies assigned to Supplies #DIV/0! 20 **Construction Materials and Supplies** #DIV/0! #DIV/0! (d) #DIV/0! FF1 227.5c Transmission plus (ii) the product of Material and Supplies (b)

#DIV/0!

Plant Allocation Factor and further multiplied by Gross

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assigned to Construction multiplied by the Gross Electric

30

Allocation Factor Reference

(b) Schedule 5, line 32

(d) Schedule 5, line 19

Schedule

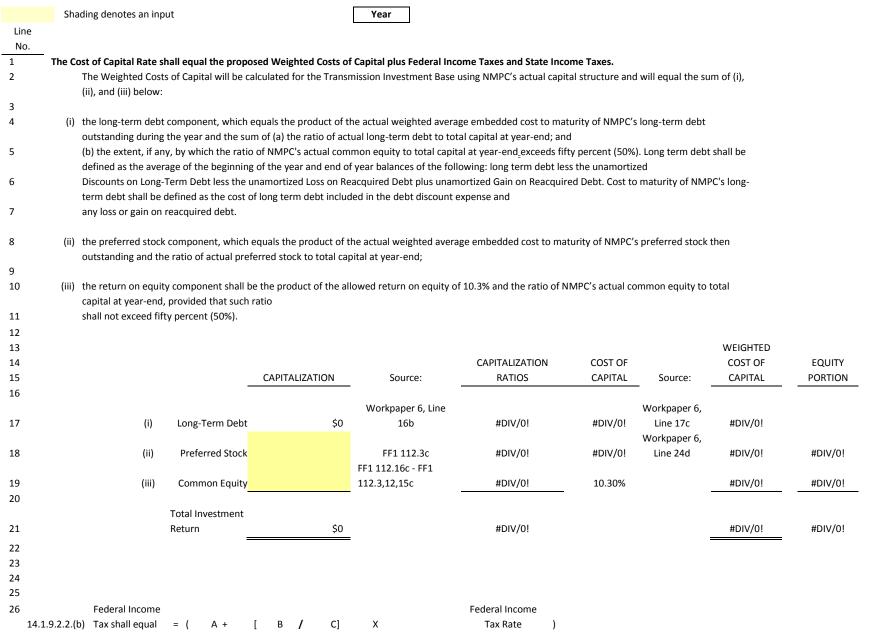
Schedule

(a) Schedule 5, line 1 - not used on this

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

23 Transmission Plant Allocation Factor. 24 14.1.9.2(a)A.1.(k 25 Transmission Related Cash Working Capital shall be an Cash Working Capital Schedule 9, Line allowance equal to the product of: (i) 12.5% (45 days/ 360 \$0 26 Operation & Maintenance Expense 23 days = 12.5%) multiplied by (ii) Transmission Operation and Maintenance 27 0.1250 x 45 / 360 Expense. \$0 28 Total (Line 26 * Line 27) 29

Niagara Mohawk Power Corporation Annual Revenue Requirements of Transmission Facilities Cost of Capital Rate Attachment 1
Schedule 8



27 Federal Income 1 Tax Rate 28 29 where A is the sum of the preferred stock component and the return on equity component, each as determined in Sections (a)(ii) and for the ROE set forth in (a)(iii) above, B is the Equity AFUDC component of Depreciation Expense for 30 Transmission Plant in Service as defined at Section 14.1.9.1.16 (FF1 117.38c), and C is the Transmission Investment Base as shown at Schedule 6, Page 1 of 2, Line 28. 31 32 = #DIV/0! +(\$0 33 34 35 #DIV/0! 36 37 38 State Income State Tax shall Federal Income Income Tax Tax Rate 14.1.9.2.2.(c) equal) X Rate 39 State Income 1 Tax Rate 40 41 where A is the sum of the preferred stock component and the return on equity component as determined in (a)(ii) above, B is the Equity AFUDC component of Depreciation Expense for Transmission Plant in 42 Service as defined at Section 14.1.9.1.16 above, and C is the Transmission Investment Base as shown at Schedule 6, Page 1 of 2, Line 28. 43 44 45 #DIV/ #DIV/0)/ 0! 46 #DIV/0! 47 48 49 #DIV/0! 50 51 52 (a)+(b)+(c) Cost of Capital Rate 53 #DIV/0! 54 55 14.1.9.2(a) A. Return and Associated Income Taxes shall equal the product of the 56 Transmission Investment Base and the Cost of Capital Rate 57

58 59

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	Transmission		
	Investment		
60	Base	#DIV/0!	Schedule 6, page 1 of 2, Line 28
61			
	Cost of Capital		
62	Rate	#DIV/0!	Line 53
63			
	= Investment Return		
64	and Income Taxes	#DIV/0!	Line 60 X Line 62

Year

Attachment H Section 14.1.9.2

Niagara Mohawk Power Corporation Annual Revenue Requirements of Transmission Facilities Transmission Expenses Attachment 1 Schedule 9

	Shading denotes an input								
	Shading denotes an input		(2)	(3) = (1)*(2)	(4)	(5) = (3)*(4)	FERC Form 1/		
Line	2	(1)	Allocation	Electric	Allocation	Transmission	PSC Report		
No		<u>Total</u>	<u>Factor</u>	Allocated	<u>Factor</u>	<u>Allocated</u>	Reference for col (1)		<u>Definition</u>
	Depreciation Expense			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
1	Transmission Depreciation					\$0	FF1 336.7f	14.1.9.2.E	Transmission Related Depreciation Expense shall equal the sum of:
2	General Depreciation		100.0000%	\$0	13.0000% (c)	\$0	FF1 336.10f		(i) Depreciation Expense for Transmission Plant in Service, plus (ii)
3	Common Depreciation		83.5000%	\$0	13.0000% (c)	\$0	FF1 356.1		the product of Electric General Plant Depreciation Expense
			(a)						multiplied
4	Intangible Depreciation		100.0000%	\$0	13.0000% (c)	\$0	FF1 336.1f		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									
12	Real Estate Taxes		100.0000%	\$0	#DIV/0! (d)	#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									
16	Amortization of Investment Tax		#DIV/0!	#DIV/0!	#DIV/0! (d)	#DIV/0!	FF1 117.58c	14.1.9.2.D.	Transmission Related Amortization of Investment Tax Credits shall
	<u>Credits</u>		(b)		=		=		
17									equal the product of Amortization of Investment Tax Credits
									multiplied
18									by the Gross Electric Plant Allocation Factor and further multiplied
									by
19									the Gross Transmission Plant Allocation Factor.
20	Transmission Operation and Mainter	<u>nance</u>							
21	Operation and Maintenance					\$0	FF1 321.112b	14.1.9.2.E.	Transmission Operation and Maintenance Expense shall equal
22	less Load Dispatching - #561	4.0				\$0	FF1 321.84-92b		the sum of electric expenses as recorded in
23	O&M (Line 21 - Line 22)	\$0	=			\$0	≣		FERC Account Nos. 560, 562-574.
24									
25	Transmission Administrative and Ge	<u>neral</u>						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
	lana Baranda Iva						FF4 222 4251		Expenses,
27	less Property Insurance (#924)						FF1 323.185b		excluding the sum of Electric Property Insurance, Electric
20	loss Dansians and Dansfitz (#03.5)						FF1 222 407b		Research and Development Eveness and Electric Environmental Remediation
28	less Pensions and Benefits (#926)						FF1 323.187b		Development Expense and Electric Environmental Remediation
									Effective Date: 4/17/2019 Decket #: ED13 102 011 Dage

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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					=		<u>-</u>		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 263.9i		
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

Niagara Mohawk Power Corporation Annual Revenue Requirements of Transmission Facilities Billing Adjustments, Revenue Credits, Rental Income

Attachment 1
Schedule 10

Year

Attachment H Section 14.1.9.2 (a)

Shading denotes an input

Line		(1)			
No.	<u>Description</u>	Total	Source	_	Definition
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 9					excluding (a) any NMPC revenues already reflected in the WR, CRR, SR, ECR and Reserved 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					
14	Transmission Rents	\$0	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 21					as a result of the procedures set forth herein, shall take effect as of the beginning 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

34 charges 35 with 18	arges produced by the Formula Rate during the five-year period into the s produced by the Formula Rate (with interest determined in accordance 8 C.F.R. § 38.19(a)) in the Annual Update for the next effective Update Charges collected before the five-year period shall not be subject to correction.
36 Year. Cl	charges collected before the five-year period shall not be subject to correction.

Reason

(b)

List of Items excluded from the Revenue

Requirement

NYISO Tariffs --> Open Access Transmission Tariff (OATT) --> 14 OATT Attachment H - Annual Transmission Revenue Requireme --> 14.2-14.2.1 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.

Line	
No.	

1	Scheduling and D	ispatch Expenses		<u>Year</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		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 Lo	ad Dispatch Expenses (sum of Lines 3 - 11)		Sum of Lines 3 - 11
14					
15	Less Account 561 directly recovered under Schedule 1 of the NYISO 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	To	otal NYISO Schedule	1		Line 17 + Line 18
20					
21	Total CCC Compone	ent			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 of Lines 1-6
8	LESS: All non-retail transactions		
9	Watertown		FF1 page 329.10.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 of Lines 9 - 11
13	PLUS: TSC Load		
14	NYMPA Muni's, Misc. Villages, Jamestown (X1)		FF1 page 329.17.j
15	NYPA Niagara Muni's (X2)		FF1 page 329.1.j
16	Total additions	0.000	Sum of Lines 14 -15
17	Total Billing Units	0.000	Line 7 - Line 12 + Line 16

Niagara Mohawk Power Corporation

Attachment 1

Schedule 13 Page 1 of 1

Forecasted Accumulated Deferred Income Taxes (FADIT)

Shading denotes an input

Line No.	Description	Amount	
1	Transmission Related ADIT Balance at year-end		Schedule 7, Line 6, Column L
2	Less: Accumulated Deferred Inv. Tax Cr (255)		Schedule 7, Line 5, Column L
3	Net Transmission ADIT Balance at year-end (a)		Line 1 - Line 2
4			
5	Forecasted Transmission Related ADIT balance		Internal Records
6			
7	Change in ADIT		Line 5 - Line 3
8			
9	Monthly Change in ADIT		Line 7 / 12 Months

10 (B) (A) Remaining (C) = (B)/ Line 17 (B)(D) = Line 9 *(C) Month **ÍRS Proration %** Prorated ADIT Days 11 12 Month 1 100.00% 13 Month 2 100.00% 14 Month 3 100.00% 15 Month 4 100.00% 16 Month 5 100.00% 17 Month 6 100.00% 18 Month 7 #DIV/0! % 19 Month 8 #DIV/0! % 20 Month 9 #DIV/0! % 21 Month 10 #DIV/0! % 22 Month 11 #DIV/0! % #DIV/0! % 23 Month 12 24 Total Prorated ADIT Change (Sum of 12 through 23) (a) The balance in Line 1, Total Transmission ADIT Balance at year-end, shall equal such ADIT that is subject to the normalization rules prescribed by the IRS and the net of the amounts recorded in FERC Account Nos. 281-283 and 190.

to Schedule 2, Line 22