

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: DECEMBER 29, 2021

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 124
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations				Cost Month November 2021			
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs			\$	65,114,356.91		
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)			\$	4,388,553.960		
3	Actual OMVC of Nine Mile 2 RSA Agreement			\$	-		
4	Actual OMVC of NYPA R&D Contracts			\$	-		
5	Actual OMVC of New Hedges			\$	(10,523,750.23)		
5	Subtotal			\$	(6,135,196.27)		
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)			\$	71,249,553.18		
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers			\$	67,653,814.85		
9	HP Reconciliations			\$	275,324.24		
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)			\$	3,320,414.09		
Rule 46.3.2 Mass Market Adjustment							
	Service Classification	ISO Zone (Subzone#)	Forecast Commodity Rate	Actual Commodity Rate	Actual Hedged Sales Volumes (kWh)	Mass Market Adjustment	
11	S.C. No. 1	A - West (1)	0.05653	0.05530	159,358,556	\$ (196,011.02)	
12		B - Genesee (29)	0.05324	0.05254	52,078,953	\$ (36,455.27)	
13		C - Central (2)	0.05522	0.05433	140,741,344	\$ (125,259.80)	
14		D - North (31)	0.04475	0.04554	12,167,550	\$ 9,612.36	
15		E - Mohawk V (3)	0.05516	0.05531	104,365,377	\$ 15,654.81	
16		F - Capital (4)	0.08180	0.07458	232,717,772	\$ (1,680,222.31)	
17	S.C. No. 2ND	A - West (1)	0.05562	0.05372	7,248,298	\$ (13,771.77)	
18		B - Genesee (29)	0.05224	0.05069	2,336,150	\$ (3,621.03)	
19		C - Central (2)	0.05425	0.05246	6,309,323	\$ (11,293.69)	
20		D - North (31)	0.04361	0.04394	691,227	\$ 228.10	
21		E - Mohawk V (3)	0.05417	0.05341	5,135,048	\$ (3,902.64)	
22		F - Capital (4)	0.08084	0.07243	11,655,088	\$ (98,019.29)	
23	Sum Lines 10 through Line 21					\$ (2,143,061.54)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)			\$	5,463,475.63		
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for November 2021 Billing					(\$7,405,615.96)	
26	'Balance of the ESRM' Billed in November 2021					\$ (6,478,685.41)	
27	Balance of the ESRM Sales Reconciliation for January 2022 billing (Line 25 minus Line 26)					(\$926,930.55)	
Billing Month January 2022							
Rate Calculations							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,266,146,128	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.004315	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					(0.000732)	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					0.003583	
Balance of the ESRM Rates SC-1 and SC-2ND Customers(\$/kWh):							
			Forecast Commodity Sales for Billing Month	Mass Market Adjustment Factor	Supply Service Adj Factor	Balance of the ESRM Reconciliation Factor	Balance of the ESRM rates (\$/kWh)
32	S.C. No. 1	A - West (1)	228,429,098	(0.000858)	0.004315	(0.000732)	0.002725
33		B - Genesee (29)	72,895,962	(0.000500)	0.004315	(0.000732)	0.003083
34		C - Central (2)	198,527,461	(0.000631)	0.004315	(0.000732)	0.002952
35		D - North (31)	16,481,838	0.000583	0.004315	(0.000732)	0.004166
36		E - Mohawk V (3)	145,341,467	0.000108	0.004315	(0.000732)	0.003691
37		F - Capital (4)	339,801,855	(0.004945)	0.004315	(0.000732)	(0.001362)
38	S.C. No. 2ND	A - West (1)	9,996,471	(0.001378)	0.004315	(0.000732)	0.002205
39		B - Genesee (29)	2,915,839	(0.001242)	0.004315	(0.000732)	0.002341
40		C - Central (2)	8,300,557	(0.001361)	0.004315	(0.000732)	0.002222
41		D - North (31)	933,841	0.000244	0.004315	(0.000732)	0.003827
42		E - Mohawk V (3)	7,097,597	(0.000550)	0.004315	(0.000732)	0.003033
43		F - Capital (4)	16,719,875	(0.005862)	0.004315	(0.000732)	(0.002279)
			1,047,441,860				

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"Balance of the ESRM for HP"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations		Cost Month November 2021
1	Total HP Reconciliations	\$ 275,324.24
2	Capacity Reconciliation	\$ 140,922.87
3	Subtotal	\$ 134,401.37
4	Projected HP ESRM Revenue	\$ (367,188.55)
5	Actual HP ESRM Revenue	\$ (331,652.89)
6	Billing Reconciliation	\$ (35,535.66)
7	Total Revenue for HP ESRM	\$ 98,865.72
8	HP ESRM Usage Forecast	151,233,440
9	Balance of ESRM HP Customers	0.000654

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zone A

	November 2021	January 2022
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (5,747,296.51)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (1,780,565.50)	
3 Prior New Hedge Adjustment reconciliation calculated for November 2021 Billing	\$ (233,789.71)	
5 Prior Supply Reconciliation Balance reconciliation calculated for November 2021 Billing	\$ -	
6 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (2,014,355.21)	
7 New Hedge Adjustment Billed Revenue	\$ (1,887,198.09)	
8 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (127,157.12)
9 New Hedge Adjustment for January 2022 Billing (Line 11 + Line 17)		\$ (5,874,453.63)
Rate Calculation		Billing Month January 2022
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		238,425,569
10 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.024639)

Portfolio Zones B-E

	November 2021	January 2022
11 Forecast Net Market Value (OMVC) of New Hedges		\$ (11,365,044.43)
12 Actual Net Market Value (OMVC) of New Hedges	\$ (3,667,291.13)	
13 Prior New Hedge Adjustment reconciliation calculated for November 2021 Billing	\$ (402,141.98)	
14 Prior Supply Reconciliation Balance reconciliation calculated for November 2021 Billing	\$ -	
15 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (4,069,433.11)	
16 New Hedge Adjustment Billed Revenue	\$ (3,846,120.75)	
17 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ (223,312.36)
18 New Hedge Adjustment for January 2022 Billing (Line 1 + Line 7)		\$ (11,588,356.79)
Rate Calculation		Billing Month January 2022
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		452,494,561
20 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.025610)

Portfolio Zone F

	November 2021	January 2022
21 Forecast Net Market Value (OMVC) of New Hedges		\$ (23,540,223.73)
22 Actual Net Market Value (OMVC) of New Hedges	\$ (5,075,893.60)	
23 Prior New Hedge Adjustment reconciliation calculated for November 2021 Billing	\$ (1,113,217.94)	
24 Prior Supply Reconciliation Balance reconciliation calculated for November 2021 Billing	\$ -	
25 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (6,189,111.54)	
26 New Hedge Adjustment Billed Revenue	\$ (6,973,606.97)	
27 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 784,495.43
28 New Hedge Adjustment for January 2022 Billing (Line 11 + Line 17)		\$ (22,755,728.30)
Rate Calculation		Billing Month January 2022
29 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		356,521,730
30 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.063827)

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Legacy Transition Charge
Rule 46.2
(exclusive of the Rule 46.2.6 NYPA Benefit)

		<u>November 2021</u>	<u>January 2022</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ (289,656.89)
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 4,388,553.96	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for November 2021 Billing	\$ 743,032.67	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 5,131,586.63</u>	
8	Legacy Transition Charge Billed Revenue	\$ 4,472,715.77	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 658,870.86</u>
9	Legacy Transition Charge for January 2022 Billing (Line 1 + Line 2 + Line 8)		\$ 369,213.97
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>January 2022</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,758,399,439
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.000134

Nine Mile 2 Revenue Sharing Agreement
Rule 46.2.7
Record of Quarterly Payments and Calculation of Interest on Deferred RSA Credits

Billing Month	Beginning Balance	* RSA Collection from Constellation	Credit of Prior Month Interest	Credit One-Third RSA Collection	Interest Credited In Advance	TOTAL RSA CREDIT	Monthly Activity	Customer		Current Month Earned Interest	Ending Balance	
		Balance for Interest Calc						Deposit Rate (Annual)	Deposit Rate (Monthly)			
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
Mar-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Apr-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
May-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jun-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jul-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Aug-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Sep-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Oct-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Nov-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Dec-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jan-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Feb-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Mar-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Apr-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
May-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jun-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jul-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Aug-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Sep-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Oct-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Nov-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Dec-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jan-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Feb-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Mar-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Apr-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
May-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jun-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jul-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Aug-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Sep-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Oct-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Nov-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Dec-21	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	
Jan-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%	\$0.00	\$8.99	

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NYPA Hydropower Benefit Mechanism ("NYPA Benefit")
Rule 46.2.6

NYPA R&D CONTRACTS		November 2021	January 2022
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ -
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ -	
3	Prior NYPA R&D reconciliation calculated for November 2021 Billing	\$ 368.02	
5	Intended Billing (Line 2 + Line 3)	\$ 368.02	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 5.39	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 362.63
8			
7	NYPA Benefit (R&D Contracts) for January 2022 Billing (Line 1 + Line 6)		\$ 362.63
9			
Rate Calculation			Billing Month January 2022
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,175,550,523
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ -

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		November 2021	January 2022
10	RCD Payment for upcoming billing month		\$ (761,566.67)
11	Actual RCD Payment Booked	\$ (761,566.67)	
12	Prior RCD Payment reconciliation calculated for November 2021 Billing	\$ 113,136.99	
13	Intended Billing (Line 11 + Line 12)	\$ (648,429.67)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (641,123.11)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (7,306.56)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (304,239.82)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 27,306.49
19	NYPA Benefit (RCD) for January 2022 Billing (Line 10 + Line 15+ Line 18)		\$ (741,566.74)
Rate Calculation			Billing Month January 2022
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,175,550,523
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000631)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		January 2022
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
Rate Calculation		Billing Month January 2022
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	11,867,055
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.023336)

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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
January 2022

1	Beginning Balance Deferred	\$	1,800,000.00	\$	1,400,000.00	\$	1,300,000.00		
			Total Customer Reconciliations		Zone A Mass Market		Zone B-E Mass Market		Zone F Mass Market
									Unhedged
									HP
2	NHA	\$	561,183.07	\$	(127,157.12)	\$	(223,312.36)	\$	784,495.43
5	MMA	\$	(1,933,278.75)	\$	(209,782.79)	\$	(155,037.14)	\$	(1,778,241.60)
6	SSA	\$	4,434,658.92	\$	1,028,816.70	\$	1,952,533.72	\$	1,538,406.78
5	Balance of ESRM	\$	(752,382.02)	\$	(174,548.53)	\$	(331,265.90)	\$	(261,005.33)
7								\$	(160,110.80)
6	Total Reconciliations Available	\$	2,310,181.22	\$	2,317,328.26	\$	2,642,918.32	\$	1,583,655.28
8								\$	783,607.63
7	Flex Account Adjustment			\$	1,800,000.00	\$	1,400,000.00	\$	1,300,000.00
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	2,317,328.26	\$	2,642,918.32	\$	1,583,655.28
								\$	783,607.63
9	Ending Balance Deferred	\$	-	\$	-	\$	-		
10	Forecast Sales				238,425,569		452,494,561		356,521,730
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$		\$	0.007550	\$	0.003094	\$	0.003646