

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: JULY 29, 2022

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 131
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month June 2022	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 94,009,434.05	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 919,342.650	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ -	
5	Actual OMVC of New Hedges					\$ (20,532,549.23)	
5	Subtotal					\$ (19,613,206.58)	
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 113,622,640.63	
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 96,578,656.87	
9	HP Reconciliations					\$ 435,686.80	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ 16,608,296.96	
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)	0.08137	0.08306	173,541,300	\$ 293,284.80	
12		B - Genesee (29)	0.07653	0.08159	54,347,044	\$ 274,996.04	
13		C - Central (2)	0.07933	0.08266	156,317,334	\$ 520,536.72	
14		D - North (31)	0.06382	0.05609	11,940,853	\$ (92,302.79)	
15		E - Mohawk V (3)	0.07953	0.08173	100,590,672	\$ 221,299.48	
16		F - Capital (4)	0.11533	0.09803	260,459,055	\$ (4,505,941.65)	
17	S.C. No. 2ND	A - West (1)	0.08174	0.08264	7,678,152	\$ 6,910.34	
18		B - Genesee (29)	0.07664	0.08106	2,120,294	\$ 9,371.70	
19		C - Central (2)	0.07949	0.08211	6,863,520	\$ 17,982.42	
20		D - North (31)	0.06371	0.05490	656,592	\$ (5,784.58)	
21		E - Mohawk V (3)	0.07965	0.08101	5,080,886	\$ 6,910.00	
22		F - Capital (4)	0.11565	0.09709	12,289,465	\$ (228,092.47)	
23	Sum Lines 10 through Line 21					\$ (3,480,829.99)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ 20,089,126.95	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for June 2022 Billing					(\$3,144,089.40)	
26	'Balance of the ESRM' Billed in June 2022					\$ (3,307,581.41)	
27	Balance of the ESRM Sales Reconciliation for August 2022 billing (Line 25 minus Line 26)					\$163,492.01	
Billing Month August 2022							
Rate Calculations							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,338,734,352	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.015006	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					0.000122	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					0.015128	
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)	239,980,965	0.001222	0.015006	0.000122	0.016350
33		B - Genesee (29)	76,549,017	0.003592	0.015006	0.000122	0.018720
34		C - Central (2)	208,971,495	0.002491	0.015006	0.000122	0.017619
35		D - North (31)	17,683,938	(0.005220)	0.015006	0.000122	0.009908
36		E - Mohawk V (3)	152,904,942	0.001447	0.015006	0.000122	0.016575
37		F - Capital (4)	358,059,034	(0.012584)	0.015006	0.000122	0.002544
38	S.C. No. 2ND	A - West (1)	10,796,741	0.000640	0.015006	0.000122	0.015768
39		B - Genesee (29)	3,140,509	0.002984	0.015006	0.000122	0.018112
40		C - Central (2)	9,145,435	0.001966	0.015006	0.000122	0.017094
41		D - North (31)	993,502	(0.005822)	0.015006	0.000122	0.009306
42		E - Mohawk V (3)	7,747,076	0.000892	0.015006	0.000122	0.016020
43		F - Capital (4)	18,181,959	(0.012545)	0.015006	0.000122	0.002583
			1,104,154,614				

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

Dollar Reconciliations		Cost Month
		June 2022
1	Total HP Reconciliations	\$ 435,686.80
2	Capacity Reconciliation	\$ 142,413.59
3	Subtotal	\$ 293,273.21
4	Projected HP ESRM Revenue	\$ (50,998.89)
5	Actual HP ESRM Revenue	\$ (91,949.53)
6	Billing Reconciliation	\$ 40,950.64
7	Total Revenue for HP ESRM	\$ 334,223.86
8	HP ESRM Usage Forecast	155,938,613
9	Balance of ESRM HP Customers	0.002143

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zone A

	June 2022	August 2022
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (10,212,501.50)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (4,723,149.72)	
3 Prior New Hedge Adjustment reconciliation calculated for June 2022 Billing	\$ 215,516.25	
5 Prior Supply Reconciliation Balance reconciliation calculated for June 2022 Billing	\$ (600,000.00)	
6 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (5,107,633.47)	
7 New Hedge Adjustment Billed Revenue	\$ (4,525,884.15)	
8 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (581,749.32)
9 New Hedge Adjustment for August 2022 Billing (Line 11 + Line 17)		\$ (10,794,250.82)
Rate Calculation		Billing Month August 2022
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		250,777,706
10 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.043043)

Portfolio Zones B-E

	June 2022	August 2022
11 Forecast Net Market Value (OMVC) of New Hedges		\$ (19,022,331.91)
12 Actual Net Market Value (OMVC) of New Hedges	\$ (9,648,065.78)	
13 Prior New Hedge Adjustment reconciliation calculated for June 2022 Billing	\$ 884,695.95	
14 Prior Supply Reconciliation Balance reconciliation calculated for June 2022 Billing	\$ (900,000.00)	
15 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (9,663,369.83)	
16 New Hedge Adjustment Billed Revenue	\$ (7,830,330.47)	
17 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ (1,833,039.36)
18 New Hedge Adjustment for August 2022 Billing (Line 1 + Line 7)		\$ (20,855,371.27)
Rate Calculation		Billing Month August 2022
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		477,135,915
20 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.043709)

Portfolio Zone F

	June 2022	August 2022
21 Forecast Net Market Value (OMVC) of New Hedges		\$ (20,298,786.12)
22 Actual Net Market Value (OMVC) of New Hedges	\$ (6,161,333.73)	
23 Prior New Hedge Adjustment reconciliation calculated for June 2022 Billing	\$ (2,411,280.19)	
24 Prior Supply Reconciliation Balance reconciliation calculated for June 2022 Billing	\$ (200,000.00)	
25 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (8,772,613.92)	
26 New Hedge Adjustment Billed Revenue	\$ (12,053,291.24)	
27 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 3,280,677.32
28 New Hedge Adjustment for August 2022 Billing (Line 11 + Line 17)		\$ (17,018,108.80)
Rate Calculation		Billing Month August 2022
29 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		376,240,993
30 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.045232)

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

		<u>June 2022</u>	<u>August 2022</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ (682,057.34)
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 919,342.65	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for June 2022 Billing	<u>\$ (2,126,722.41)</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ (1,207,379.76)</u>	
8	Legacy Transition Charge Billed Revenue	\$ (883,671.57)	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (323,708.19)</u>
9	Legacy Transition Charge for August 2022 Billing (Line 1 + Line 2 + Line 8)		\$ (1,005,765.53)
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>August 2022</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,885,154,715
11	Legacy Transition Charge (Line 9/ Line 10)		\$ (0.000349)

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

* RSA Collection			TOTAL				Customer	Customer	Customer	Customer	Customer	
Billing Month	Beginning Balance	from Constellation	Credit of Prior Month Interest	Credit One-Third RSA Collection	Interest Credited In Advance	RSA CREDIT	Monthly Activity	Balance for Interest Calc	Deposit Rate (Annual)	Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
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
Feb-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
Mar-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
Apr-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
May-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
Jun-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
Jul-22	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99	0.00%		\$0.00	\$8.99
Aug-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		June 2022	August 2022
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (1,025,431.61)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ -	
3	Prior NYPA R&D reconciliation calculated for June 2022 Billing	\$ (149.62)	
5	Intended Billing (Line 2 + Line 3)	\$ (149.62)	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 47.51	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ (197.13)
8			
7	NYPA Benefit (R&D Contracts) for August 2022 Billing (Line 1 + Line 6)		\$ (1,025,628.74)
9			
Rate Calculation			Billing Month August 2022
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,229,322,379
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000834)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		June 2022	August 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 June 2022 Billing	\$ (47,589.96)	
13	Intended Billing (Line 11 + Line 12)	\$ (809,156.62)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (770,467.28)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (38,689.34)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (280,034.72)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 3,101.39
19	NYPA Benefit (RCD) for August 2022 Billing (Line 10 + Line 15+ Line 18)		\$ (797,154.62)
Rate Calculation			Billing Month August 2022
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,229,322,379
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000648)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		August 2022
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
	#	
Rate Calculation		Billing Month August 2022
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	17,458,081
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.015863)

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Supply Reconciliation Balance
Rule 46.3.4
FOR THE BILLING MONTH OF
August 2022

1	Beginning Balance Deferrec	\$	(3,400,000.00)	\$	(7,200,000.00)	\$	(7,000,000.00)		
			Total Customer Reconciliations		Zone A Mass Market		Zone B-E Mass Market		Zone F Mass Market
									Unhedged
									HP
2	NHA	\$	865,888.64	\$	(581,749.32)	\$	(1,833,039.36)	\$	3,280,677.32
5	MMA	\$	(3,480,829.99)	\$	300,195.13	\$	953,009.00	\$	(4,734,034.12)
6	SSA	\$	16,569,009.52	\$	3,763,185.11	\$	7,159,929.79	\$	5,645,894.62
5	Balance of ESRM	\$	134,844.12	\$	30,626.05	\$	58,269.89	\$	45,948.17
7									28,647.89
6	Total Reconciliations Available	\$	14,088,912.29	\$	112,256.97	\$	(861,830.68)	\$	(2,761,514.01)
8									
7	Flex Account Adjustment			\$	500,000.00	\$	200,000.00	\$	5,500,000.00
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	4,012,256.97	\$	6,538,169.32	\$	9,738,485.99
9	Ending Balance Deferred	\$	(3,900,000.00)	\$	(7,400,000.00)	\$	(12,500,000.00)		
10	Forecast Sales				250,777.706		477,135.915		376,240.993
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$			0.001994	\$	0.000419	\$	0.014618