

NIAGARA MOHAWK POWER CORPORATION  
INITIAL EFFECTIVE DATE: MAY 31, 2022

STATEMENT TYPE: SC  
WORKPAPER FOR STATEMENT NO. 129  
Attachment 1  
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**"Balance of the ESRM"**  
**Rule 46.3.2 and Rule 46.3.3**

Dollar Reconciliations						Cost Month April 2022	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 59,101,055.71	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 3,139,458.170	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ -	
5	Actual OMVC of New Hedges					\$ (5,793,617.90)	
5	Subtotal					\$ (2,654,159.73)	
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 61,755,215.44	
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 61,630,315.83	
9	HP Reconciliations					\$ (50,803.86)	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ 175,703.47	
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)	0.04404	0.04566	179,847,572	\$ 291,353.07	
12		B - Genesee (29)	0.04135	0.04239	62,460,932	\$ 64,959.37	
13		C - Central (2)	0.04287	0.04438	158,313,117	\$ 239,052.81	
14		D - North (31)	0.03497	0.03319	15,230,248	\$ (27,109.84)	
15		E - Mohawk V (3)	0.04296	0.04556	121,017,387	\$ 314,645.21	
16		F - Capital (4)	0.06875	0.08824	255,033,319	\$ 4,970,599.39	
17	S.C. No. 2ND	A - West (1)	0.04342	0.04513	9,100,512	\$ 15,561.88	
18		B - Genesee (29)	0.04056	0.04167	2,702,092	\$ 2,999.32	
19		C - Central (2)	0.04210	0.04361	7,920,809	\$ 11,960.42	
20		D - North (31)	0.03406	0.03228	891,272	\$ (1,586.46)	
21		E - Mohawk V (3)	0.04218	0.04472	6,791,134	\$ 17,249.48	
22		F - Capital (4)	0.06814	0.08709	13,962,978	\$ 264,598.43	
23	Sum Lines 10 through Line 21					\$ 6,164,283.06	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ (5,988,579.59)	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for April 2022 Billing					(\$21,609,643.97)	
26	'Balance of the ESRM' Billed in April 2022					\$ (18,289,851.10)	
27	Balance of the ESRM Sales Reconciliation for June 2022 billing (Line 25 minus Line 26)					(\$3,319,792.87)	
Billing Month June 2022							
Rate Calculations							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,052,642,296	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					(0.005689)	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					(0.003154)	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					(0.008843)	
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)	182,123,704	0.001600	(0.005689)	(0.003154)	(0.007243)
33		B - Genesee (29)	58,188,965	0.001116	(0.005689)	(0.003154)	(0.007727)
34		C - Central (2)	158,861,678	0.001505	(0.005689)	(0.003154)	(0.007338)
35		D - North (31)	13,423,219	(0.002020)	(0.005689)	(0.003154)	(0.010863)
36		E - Mohawk V (3)	117,003,473	0.002689	(0.005689)	(0.003154)	(0.006154)
37		F - Capital (4)	270,762,872	0.018358	(0.005689)	(0.003154)	0.009515
38	S.C. No. 2ND	A - West (1)	8,166,874	0.001905	(0.005689)	(0.003154)	(0.006938)
39		B - Genesee (29)	2,329,190	0.001288	(0.005689)	(0.003154)	(0.007555)
40		C - Central (2)	6,858,401	0.001744	(0.005689)	(0.003154)	(0.007099)
41		D - North (31)	749,675	(0.002116)	(0.005689)	(0.003154)	(0.010959)
42		E - Mohawk V (3)	5,872,811	0.002937	(0.005689)	(0.003154)	(0.005906)
43		F - Capital (4)	13,705,296	0.019306	(0.005689)	(0.003154)	0.010463
			838,046,157				

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

<b>Dollar Reconciliations</b>		<b>Cost Month April 2022</b>
1	<b>Total HP Reconciliations</b>	\$ (50,803.86)
2	<b>Capacity Reconciliation</b>	\$ (73,795.45)
3	<b>Subtotal</b>	\$ 22,991.58
4	<b>Projected HP ESRM Revenue</b>	\$ (144,773.65)
5	<b>Actual HP ESRM Revenue</b>	\$ (144,578.63)
6	<b>Billing Reconciliation</b>	\$ (195.02)
7	<b>Total Revenue for HP ESRM</b>	\$ 22,796.56
8	<b>HP ESRM Usage Forecast</b>	145,459.628
9	<b>Balance of ESRM HP Customers</b>	0.000157

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**New Hedge Adjustment**  
**Rule 46.3.1**

**Portfolio Zone A**

	<u>April 2022</u>	<u>June 2022</u>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (4,378,964.40)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (95,196.26)	
3 Prior New Hedge Adjustment reconciliation calculated for April 2022 Billing	\$ (860,484.49)	
5 Prior Supply Reconciliation Balance reconciliation calculated for April 2022 Billing	\$ 3,100,000.00	
6 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 2,144,319.25	
7 New Hedge Adjustment Billed Revenue	\$ 1,928,803.00	
8 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 215,516.25
9 New Hedge Adjustment for June 2022 Billing (Line 11 + Line 17)		\$ (4,163,448.15)
<b>Rate Calculation</b>		<b>Billing Month June 2022</b>
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		190,290,578
10 <b>New Hedge Adjustment</b> (Line 18/ Line 19)		<b>\$ (0.021879)</b>

**Portfolio Zones B-E**

	<u>April 2022</u>	<u>June 2022</u>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ (8,658,020.55)
12 Actual Net Market Value (OMVC) of New Hedges	\$ (422,219.17)	
13 Prior New Hedge Adjustment reconciliation calculated for April 2022 Billing	\$ (1,587,977.99)	
14 Prior Supply Reconciliation Balance reconciliation calculated for April 2022 Billing	\$ 3,800,000.00	
15 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 1,789,802.84	
16 New Hedge Adjustment Billed Revenue	\$ 905,106.89	
17 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 884,695.95
18 New Hedge Adjustment for June 2022 Billing (Line 1 + Line 7)		\$ (7,773,324.60)
<b>Rate Calculation</b>		<b>Billing Month June 2022</b>
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		363,287,412
20 <b>New Hedge Adjustment</b> (Line 8/ Line 9)		<b>\$ (0.021397)</b>

**Portfolio Zone F**

	<u>April 2022</u>	<u>June 2022</u>
21 Forecast Net Market Value (OMVC) of New Hedges		\$ (9,924,557.59)
22 Actual Net Market Value (OMVC) of New Hedges	\$ (5,276,202.47)	
23 Prior New Hedge Adjustment reconciliation calculated for April 2022 Billing	\$ 5,722,723.21	
24 Prior Supply Reconciliation Balance reconciliation calculated for April 2022 Billing	\$ 3,500,000.00	
25 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 3,946,520.74	
26 New Hedge Adjustment Billed Revenue	\$ 6,357,800.93	
27 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (2,411,280.19)
28 New Hedge Adjustment for June 2022 Billing (Line 11 + Line 17)		\$ (12,335,837.78)
<b>Rate Calculation</b>		<b>Billing Month June 2022</b>
29 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		284,468,167
30 <b>New Hedge Adjustment</b> (Line 18/ Line 19)		<b>\$ (0.043365)</b>

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

		<u>April 2022</u>	<u>June 2022</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 976,860.66
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 3,139,458.17	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for April 2022 Billing	\$ (182,813.76)	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 2,956,644.41</u>	
8	Legacy Transition Charge Billed Revenue	\$ 5,083,366.82	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (2,126,722.41)</u>
9	Legacy Transition Charge for June 2022 Billing (Line 1 + Line 2 + Line 8)		\$ (1,149,861.75)
	<b><u>Rate Calculation</u></b>		<b><u>Billing Month</u></b> <b><u>June 2022</u></b>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,475,383,631
11	<b>Legacy Transition Charge</b> (Line 9/ Line 10)		<b>\$ (0.000465)</b>

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

* RSA Collection from Constellation			Credit of Prior Month Interest	Credit One-Third RSA Collection	Interest Credited In Advance	TOTAL RSA CREDIT	Monthly Activity	Balance for Interest Calc	Customer Deposit Rate (Annual)	Customer Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
Billing Month	Beginning Balance											
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
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
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

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

NYPA R&D CONTRACTS		April 2022	June 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 April 2022 Billing	\$ (93.23)	
5	Intended Billing (Line 2 + Line 3)	\$ (93.23)	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 56.39	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ (149.62)
8			
7	NYPA Benefit (R&D Contracts) for June 2022 Billing (Line 1 + Line 6)		\$ (149.62)
9			
<b>Rate Calculation</b>			<b>Billing Month June 2022</b>
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		927,708,482
9	<b>NYPA Benefit (R&amp;D Contracts) rate</b> (Line 7/ Line 8)		\$ -

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		April 2022	June 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 April 2022 Billing	\$ 45,156.03	
13	Intended Billing (Line 11 + Line 12)	\$ (716,410.64)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (680,442.29)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (35,968.35)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (265,311.72)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (11,621.61)
19	NYPA Benefit (RCD) for June 2022 Billing (Line 10 + Line 15+ Line 18)		\$ (809,156.62)
<b>Rate Calculation</b>			<b>Billing Month June 2022</b>
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		927,708,482
21	<b>NYPA Benefit (RCD) rate</b> (Line 19/ Line 20)		\$ (0.000872)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		June 2022
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
<b>Rate Calculation</b>		<b>Billing Month June 2022</b>
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	13,465,939
24	<b>NYPA Benefit (RAD) rate</b> (Line 22/ Line 23)	\$ (0.020565)

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**Supply Reconciliation Balance**  
**Rule 46.3.4**  
**FOR THE BILLING MONTH OF**  
**June 2022**

1	Beginning Balance Deferred	\$	(1,100,000.00)	\$	(1,600,000.00)	\$	(200,000.00)		
			Total Customer Reconciliations		Zone A Mass Market		Zone B-E Mass Market		Zone F Mass Market
								Unhedged	HP
2	NHA	\$	(1,311,067.99)	\$	215,516.25	\$	884,695.95	\$	(2,411,280.19)
5	MMA	\$	6,164,283.06	\$	306,914.94	\$	622,170.30	\$	5,235,197.82
6	SSA	\$	(4,767,722.27)	\$	(1,082,580.74)	\$	(2,066,775.76)	\$	(1,618,365.77)
5	Balance of ESRM	\$	(2,643,005.77)	\$	(600,132.93)	\$	(1,145,725.35)	\$	(897,147.49)
7								\$	(676,787.11)
6	Total Reconciliations Available	\$	(2,557,512.96)	\$	(2,260,282.48)	\$	(3,305,634.85)	\$	108,404.37
8								\$	(1,897,644.43)
7	Flex Account Adjustment			\$	(600,000.00)	\$	(900,000.00)	\$	(200,000.00)
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	(1,760,282.48)	\$	(2,605,634.85)	\$	108,404.37
								\$	(1,897,644.43)
9	Ending Balance Deferred	\$	(500,000.00)	\$	(700,000.00)	\$	-		
10	Forecast Sales				190,290,578		363,287,412		284,468,167
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	(0.003153)	\$	(0.002477)	\$	(0.000703)		