

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 31, 2021

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 120
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations					Cost Month July 2021	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs				\$	88,839,969.71
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments						
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)				\$	4,716,839.680
3	Actual OMVC of Nine Mile 2 RSA Agreement				\$	-
4	Actual OMVC of NYPA R&D Contracts				\$	-
5	Actual OMVC of New Hedges				\$	(10,676,234.50)
5	Subtotal				\$	(5,959,394.82)
6						
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)				\$	94,799,364.53
7						
8	Rule 46.1 ESCost Revenue from All Commodity Customers				\$	81,138,441.13
9	HP Reconciliations				\$	412,770.21
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)				\$	13,248,153.19
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)	0.06217	0.07067	230,664,150	\$ 1,960,645.28
12		B - Genesee (29)	0.05516	0.06128	69,331,374	\$ 424,308.01
13		C - Central (2)	0.05664	0.06300	199,567,085	\$ 1,269,246.66
14		D - North (31)	0.04877	0.05068	13,778,353	\$ 26,316.65
15		E - Mohawk V (3)	0.05654	0.06306	137,467,132	\$ 896,285.70
16		F - Capital (4)	0.06758	0.06886	325,096,835	\$ 416,123.95
17	S.C. No. 2ND	A - West (1)	0.05794	0.06464	8,936,307	\$ 59,873.26
18		B - Genesee (29)	0.05053	0.05427	2,405,304	\$ 8,995.84
19		C - Central (2)	0.05205	0.05609	7,408,967	\$ 29,932.23
20		D - North (31)	0.04392	0.04363	710,892	\$ (206.16)
21		E - Mohawk V (3)	0.05193	0.05608	6,415,532	\$ 26,624.46
22		F - Capital (4)	0.06293	0.06191	14,554,692	\$ (14,845.79)
23	Sum Lines 10 through Line 21				\$	5,103,300.08
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)				\$	8,144,853.11
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for July 2021 Billing					\$22,578,077.84
26	'Balance of the ESRM' Billed in July 2021				\$	24,035,302.17
27	Balance of the ESRM Sales Reconciliation for September 2021 billing (Line 25 minus Line 26)					(\$1,457,224.33)
Rate Calculations					Billing Month September 2021	
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,073,001,068
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.007591
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					(0.001358)
31	Balance of the ESRM Rates (\$/kWh)					
31a	Unhedged customers (Line 29 + Line 30)					0.006233
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
32	S.C. No. 1	A - West (1)	187,620,875	0.010450	0.007591	(0.001358)
33		B - Genesee (29)	59,828,733	0.007092	0.007591	(0.001358)
34		C - Central (2)	164,782,800	0.007703	0.007591	(0.001358)
35		D - North (31)	13,602,972	0.001935	0.007591	(0.001358)
36		E - Mohawk V (3)	120,189,426	0.007457	0.007591	(0.001358)
37		F - Capital (4)	281,058,902	0.001481	0.007591	(0.001358)
38	S.C. No. 2ND	A - West (1)	8,002,633	0.007482	0.007591	(0.001358)
39		B - Genesee (29)	2,379,234	0.003781	0.007591	(0.001358)
40		C - Central (2)	6,714,830	0.004458	0.007591	(0.001358)
41		D - North (31)	752,196	(0.000274)	0.007591	(0.001358)
42		E - Mohawk V (3)	5,827,271	0.004569	0.007591	(0.001358)
43		F - Capital (4)	13,351,497	(0.001112)	0.007591	(0.001358)
			864,111,369			
						0.016683
						0.013325
						0.013936
						0.008168
						0.013690
						0.007714
						0.013715
						0.010014
						0.010691
						0.005959
						0.010802
						0.005121

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

Dollar Reconciliations		Cost Month July 2021	
1	Total HP Reconciliations	\$	412,770.21
2	Capacity Reconciliation	\$	73,281.33
3	Subtotal	\$	339,488.88
4	Projected HP ESRM Revenue	\$	574,197.21
5	Actual HP ESRM Revenue	\$	536,088.46
6	Billing Reconciliation	\$	38,108.75
7	Total Revenue for HP ESRM	\$	377,597.63
8	HP ESRM Usage Forecast		139,065,745
9	Balance of ESRM HP Customers		0.002715

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zone A

	<u>July 2021</u>	<u>September 2021</u>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (1,282,261.17)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (2,974,285.64)	
3 Prior New Hedge Adjustment reconciliation calculated for July 2021 Billing	\$ (626,591.55)	
5 Prior Supply Reconciliation Balance reconciliation calculated for July 2021 Billing	\$ -	
6 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (3,600,877.19)	
7 New Hedge Adjustment Billed Revenue	\$ (3,295,653.26)	
8 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (305,223.93)
9 New Hedge Adjustment for September 2021 Billing (Line 11 + Line 17)		\$ (1,587,485.10)
Rate Calculation		Billing Month September 2021
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		195,623,508
10 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.008115)

Portfolio Zones B-E

	<u>July 2021</u>	<u>September 2021</u>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ (2,385,216.47)
12 Actual Net Market Value (OMVC) of New Hedges	\$ (5,452,782.64)	
13 Prior New Hedge Adjustment reconciliation calculated for July 2021 Billing	\$ (1,337,606.48)	
14 Prior Supply Reconciliation Balance reconciliation calculated for July 2021 Billing	\$ (1,500,000.00)	
15 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (8,290,389.12)	
16 New Hedge Adjustment Billed Revenue	\$ (7,722,147.74)	
17 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ (568,241.38)
18 New Hedge Adjustment for September 2021 Billing (Line 1 + Line 7)		\$ (2,953,457.85)
Rate Calculation		Billing Month September 2021
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		374,077,462
20 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.007895)

Portfolio Zone F

	<u>July 2021</u>	<u>September 2021</u>
21 Forecast Net Market Value (OMVC) of New Hedges		\$ (2,074,648.14)
22 Actual Net Market Value (OMVC) of New Hedges	\$ (2,249,166.22)	
23 Prior New Hedge Adjustment reconciliation calculated for July 2021 Billing	\$ (897,908.44)	
24 Prior Supply Reconciliation Balance reconciliation calculated for July 2021 Billing	\$ -	
25 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (3,147,074.66)	
26 New Hedge Adjustment Billed Revenue	\$ (4,103,598.46)	
27 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 956,523.80
28 New Hedge Adjustment for September 2021 Billing (Line 11 + Line 17)		\$ (1,118,124.34)
Rate Calculation		Billing Month September 2021
29 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		294,410,399
30 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.003798)

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

		<u>July 2021</u>	<u>September 2021</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,288,859.97
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 4,716,839.68	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for July 2021 Billing	\$ (2,943,724.92)	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 1,773,114.76</u>	
8	Legacy Transition Charge Billed Revenue	\$ 375,614.58	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 1,397,500.18</u>
9	Legacy Transition Charge for September 2021 Billing (Line 1 + Line 2 + Line 8)		\$ 3,686,360.15
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>September 2021</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,534,166,520
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.001455

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	Balance for Interest Calc	Customer Deposit Rate (Annual)	Customer Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
(A) (B)			(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
Dec-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Jan-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Feb-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
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

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

NYPA R&D CONTRACTS		July 2021	September 2021
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 July 2021 Billing	\$ 393.39	
5	Intended Billing (Line 2 + Line 3)	\$ 393.39	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 18.23	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 375.16
8			
7	NYPA Benefit (R&D Contracts) for September 2021 Billing (Line 1 + Line 6)		\$ 375.16
9			
Rate Calculation			Billing Month September 2021
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		982,298,555
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ -

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		July 2021	September 2021
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 July 2021 Billing	\$ 15,282.87	
13	Intended Billing (Line 11 + Line 12)	\$ (746,283.80)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (807,127.69)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ 60,843.89
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (276,033.02)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (900.31)
19	NYPA Benefit (RCD) for September 2021 Billing (Line 10 + Line 15+ Line 18)		\$ (701,623.09)
Rate Calculation			Billing Month September 2021
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		982,298,555
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000714)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		September 2021
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
Rate Calculation		Billing Month September 2021
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	13,303,200
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.020817)

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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
September 2021

1	September	Beginning Balance Deferred		\$	1,200,000.00	\$	5,500,000.00	\$	2,000,000.00		
2	NHA	\$	388,282.42	\$	(305,223.93)	\$	(568,241.38)	\$	956,523.80		
5	MMA	\$	3,082,781.55	\$	2,020,518.53	\$	2,681,503.39	\$	401,278.16		
6	SSA	\$	6,659,929.39	\$	1,484,923.72	\$	2,839,518.12	\$	2,234,787.57	\$	1,585,623.69
5	Balance of ESRM	\$	(1,191,551.40)	\$	(265,672.93)	\$	(508,028.18)	\$	(399,833.71)	\$	(283,689.51)
7											
6	Total Reconciliations Available	\$	8,939,441.95	\$	4,134,545.39	\$	9,944,751.95	\$	5,192,755.83	\$	1,301,934.18
8											
7	Flex Account Adjustment			\$	1,200,000.00	\$	3,000,000.00	\$	2,000,000.00		
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	4,134,545.39	\$	7,444,751.95	\$	5,192,755.83	\$	1,301,934.18
9	Ending Balance Deferred			\$	-	\$	2,500,000.00	\$	-		
10	Forecast Sales				195,623,508		374,077,462		294,410,399		
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)			\$	0.006134	\$	0.008020	\$	0.006793		