

NIAGARA MOHAWK POWER CORPORATION  
INITIAL EFFECTIVE DATE: SEPTEMBER 28, 2020

STATEMENT TYPE: SC  
WORKPAPER FOR STATEMENT NO. 109  
Attachment 1  
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**"Balance of the ESRM"**  
**Rule 46.3.2 and Rule 46.3.3**

Dollar Reconciliations						Cost Month August 2020	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 54,446,430.60	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 1,910,997.520	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ 14,296.50	
5	Actual OMVC of New Hedges					\$ 7,306,766.00	
5	Subtotal					\$ 9,232,060.02	
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 45,214,370.58	
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 51,917,316.02	
9	HP Reconciliations					\$ (4,136.10)	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ (6,698,809.35)	
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)	0.04304	0.04004	252,952,933	\$ (758,858.80)	
12		B - Genesee (29)	0.03477	0.03699	68,504,057	\$ 152,079.01	
13		C - Central (2)	0.03567	0.03746	213,017,779	\$ 381,301.82	
14		D - North (31)	0.03101	0.03153	13,350,185	\$ 6,942.10	
15		E - Mohawk V (3)	0.03560	0.03724	140,631,257	\$ 230,635.26	
16		F - Capital (4)	0.03650	0.03885	355,282,914	\$ 834,914.85	
17	S.C. No. 2ND	A - West (1)	0.04156	0.03741	8,450,678	\$ (35,070.31)	
18		B - Genesee (29)	0.03281	0.03414	2,253,650	\$ 2,997.35	
19		C - Central (2)	0.03373	0.03461	7,107,433	\$ 6,254.54	
20		D - North (31)	0.02896	0.02856	604,612	\$ (241.84)	
21		E - Mohawk V (3)	0.03365	0.03436	6,082,947	\$ 4,318.89	
22		F - Capital (4)	0.03452	0.03597	13,288,719	\$ 19,268.64	
23	Sum Lines 10 through Line 21					\$ 844,541.51	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ (7,543,350.85)	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for August 2020 Billing					\$ 6,617,067.26	
26	'Balance of the ESRM' Billed in August 2020					\$ 7,733,817.23	
27	Balance of the ESRM Sales Reconciliation for October 2020 billing (Line 25 minus Line 26)					(\$1,116,749.97)	
Rate Calculations							
Billing Month October 2020							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					876,708,283	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					(0.008604)	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					(0.001274)	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					(0.009878)	
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)	151,848,087	(0.004997)	(0.008604)	(0.001274)	(0.014875)
33		B - Genesee (29)	48,495,357	0.003136	(0.008604)	(0.001274)	(0.006742)
34		C - Central (2)	132,215,765	0.002884	(0.008604)	(0.001274)	(0.006994)
35		D - North (31)	10,951,650	0.000634	(0.008604)	(0.001274)	(0.009244)
36		E - Mohawk V (3)	97,108,069	0.002375	(0.008604)	(0.001274)	(0.007503)
37		F - Capital (4)	224,694,799	0.003716	(0.008604)	(0.001274)	(0.006162)
38	S.C. No. 2ND	A - West (1)	6,372,205	(0.005504)	(0.008604)	(0.001274)	(0.015382)
39		B - Genesee (29)	1,853,659	0.001617	(0.008604)	(0.001274)	(0.008261)
40		C - Central (2)	5,220,206	0.001198	(0.008604)	(0.001274)	(0.008680)
41		D - North (31)	572,187	(0.000423)	(0.008604)	(0.001274)	(0.010301)
42		E - Mohawk V (3)	4,498,209	0.000960	(0.008604)	(0.001274)	(0.008918)
43		F - Capital (4)	10,362,628	0.001859	(0.008604)	(0.001274)	(0.008019)
			694,192,821				

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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 August 2020</b>
1	<b>Total HP Reconciliations</b>	\$ (4,136.10)
2	<b>Capacity Reconciliation</b>	\$ (54,595.15)
3	<b>Subtotal</b>	\$ 50,459.05
4	<b>Projected HP ESRM Revenue</b>	\$ 149,478.70
5	<b>Actual HP ESRM Revenue</b>	\$ 144,973.45
6	<b>Billing Reconciliation</b>	\$ 4,505.25
7	<b>Total Revenue for HP ESRM</b>	\$ 54,964.30
8	<b>HP ESRM Usage Forecast</b>	121,282,577
9	<b>Balance of ESRM HP Customers</b>	0.000453192

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

**Portfolio Zones A-E**

	<b>August 2020</b>	<b>October 2020</b>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 3,844,857.64
2 Actual Net Market Value (OMVC) of New Hedges	\$ 3,381,412.59	
3 Prior New Hedge Adjustment reconciliation calculated for August 2020 Billing	\$ (2,329,671.79)	
5 Prior Supply Reconciliation Balance reconciliation calculated for August 2020 Billing	\$ -	
6 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 1,051,740.80	
7 New Hedge Adjustment Billed Revenue	\$ (1,885,272.17)	
8 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 2,937,012.97
9 New Hedge Adjustment for October 2020 Billing (Line 1 + Line 7)		\$ 6,781,870.61
<b>Rate Calculation</b>		<b>Billing Month October 2020</b>
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		459,135,394
10 <b>New Hedge Adjustment</b> (Line 8/ Line 9)		<b>\$ 0.014771</b>

**Portfolio Zone F**

	<b>August 2020</b>	<b>October 2020</b>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 3,298,581.56
12 Actual Net Market Value (OMVC) of New Hedges	\$ 3,925,353.41	
13 Prior New Hedge Adjustment reconciliation calculated for August 2020 Billing	\$ (1,488,033.36)	
14 Prior Supply Reconciliation Balance reconciliation calculated for August 2020 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 2,437,320.05	
16 New Hedge Adjustment Billed Revenue	\$ 2,846,667.52	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		
18 New Hedge Adjustment for October 2020 Billing (Line 11 + Line 17)		
<b>Rate Calculation</b>		<b>Billing Month October 2020</b>
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		235,057,427
20 <b>New Hedge Adjustment</b> (Line 18/ Line 19)		<b>\$ -</b>

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

		<u>August 2020</u>	<u>October 2020</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 5,323,028.44
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 1,910,997.52	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for August 2020 Billing	<u>\$ (3,564,317.93)</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ (1,653,320.41)</u>	
8	Legacy Transition Charge Billed Revenue	\$ 13,713.24	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (1,667,033.65)</u>
9	Legacy Transition Charge for October 2020 Billing (Line 1 + Line 2 + Line 8)		\$ 3,655,994.79
			<b>Billing Month</b>
	<b><u>Rate Calculation</u></b>		<b><u>October 2020</u></b>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,235,087,264
11	<b>Legacy Transition Charge (Line 9/ Line 10)</b>		<b>\$ 0.001636</b>

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**Nine Mile 2 Revenue Sharing Agreement**

**Rule 46.2.7**

**Record of Quarterly Payments and Calculation of Interest on Deferred RSA Credits**

		*						Customer		Customer		
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	Deposit Rate (Annual)	Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
May-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Jun-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Jul-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Aug-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Sep-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Oct-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
Nov-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
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

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

<b>NYPA R&amp;D CONTRACTS</b>		
	<b>August 2020</b>	<b>October 2020</b>
1 Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ 144,224.61
2 Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 14,296.50	
3 Prior NYPA R&D reconciliation calculated for August 2020 Billing	\$ 109,480.63	
5 Intended Billing (Line 2 + Line 3)	\$ 123,777.13	
6		
5 NYPA Benefit (R&D Contracts) Billed Revenue	\$ (16,364.65)	
7		
6 Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 140,141.78
8		
7 NYPA Benefit (R&D Contracts) for October 2020 Billing (Line 1 + Line 6)		\$ 284,366.39
9		
<b>Rate Calculation</b>		<b>Billing Month October 2020</b>
8 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		794,727.845
9 <b>NYPA Benefit (R&amp;D Contracts) rate</b> (Line 7/ Line 8)		<b>\$ 0.000358</b>

<b>RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT</b>		
	<b>August 2020</b>	<b>October 2020</b>
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 August 2020 Billing	\$ 156,960.44	
13 Intended Billing (Line 11 + Line 12)	\$ (604,606.23)	
14 NYPA Benefit (RCD) Billed Revenue	\$ (713,750.58)	
15 Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		
16 Actual RAD payment Booked	\$ (276,933.33)	
17 NYPA Benefit (RAD) Billed Revenue	\$ (262,357.89)	
18 Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (14,575.44)
19 NYPA Benefit (RCD) for October 2020 Billing (Line 10 + Line 15+ Line 18)		\$ (776,142.11)
<b>Rate Calculation</b>		<b>Billing Month October 2020</b>
20 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		794,727.845
21 <b>NYPA Benefit (RCD) rate</b> (Line 19/ Line 20)		<b>\$ (0.000977)</b>

<b>RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT</b>		
		<b>October 2020</b>
22 NYPA RAD Payment for upcoming billing month		\$ (276,933.33)
	#	
<b>Rate Calculation</b>		<b>Billing Month October 2020</b>
23 Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)		9,854,679
24 <b>NYPA Benefit (RAD) rate</b> (Line 22/ Line 23)		<b>\$ (0.028102)</b>

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**Supply Reconciliation Balance**  
**Rule 46.3.4**

**FOR THE BILLING MONTH OF**  
**October 2020**

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 2,937,012.97	\$ 2,937,012.97	\$ -			
5	MMA	\$ 844,541.51	\$ (9,641.98)	\$ 854,183.49			
6	SSA	\$ (7,543,350.85)	\$ (3,950,480.95)	\$ (2,022,475.06)	\$ (1,570,394.84)	\$ -	
5	Balance of ESRM	\$ (1,116,749.97)	\$ (584,846.12)	\$ (299,415.87)	\$ (232,487.98)	\$ -	
7							
6	Total Reconciliations Available	\$ (4,878,546.35)	\$ (1,607,956.08)	\$ (1,467,707.45)	\$ (1,802,882.82)	\$ -	
8							
7	Flex Account Adjustment		\$ -	\$ -			
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ (1,607,956.08)	\$ (1,467,707.45)	\$ (1,802,882.82)	\$ -	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		459,135,394	235,057,427			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		