

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: JUNE 30, 2020

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 106
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month May 2020	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 45,000,135.04	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 6,027,667.870	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ 83,134.43	
5	Actual OMVC of New Hedges					\$ 6,323,430.53	
5	Subtotal					\$ 12,434,232.83	
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 32,565,902.21	
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 29,855,633.37	
9	HP Reconciliations					\$ (103,886.74)	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ 2,814,155.58	
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)	0.03590	0.03605	155,992,916	\$ 23,398.94	
12		B - Genesee (29)	0.03171	0.03150	51,540,919	\$ (10,823.59)	
13		C - Central (2)	0.03232	0.03197	141,570,251	\$ (49,549.59)	
14		D - North (31)	0.02942	0.02673	12,344,623	\$ (33,207.04)	
15		E - Mohawk V (3)	0.03229	0.03139	109,619,236	\$ (98,657.31)	
16		F - Capital (4)	0.03549	0.03345	232,096,798	\$ (473,477.47)	
17	S.C. No. 2ND	A - West (1)	0.03362	0.03399	6,181,585	\$ 2,287.19	
18		B - Genesee (29)	0.02917	0.02906	1,804,996	\$ (198.55)	
19		C - Central (2)	0.02980	0.02954	5,062,660	\$ (1,316.29)	
20		D - North (31)	0.02682	0.02447	576,390	\$ (1,354.52)	
21		E - Mohawk V (3)	0.02976	0.02895	4,596,103	\$ (3,722.84)	
22		F - Capital (4)	0.03284	0.03089	9,358,085	\$ (18,248.27)	
23	Sum Lines 10 through Line 21					\$ (664,869.34)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ 3,479,024.92	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for May 2020 Billing					(\$3,087,695.32)	
26	'Balance of the ESRM' Billed in May 2020					\$ (3,447,817.17)	
27	Balance of the ESRM Sales Reconciliation for July 2020 billing (Line 25 minus Line 26)					\$360,121.85	
Billing Month July 2020							
Rate Calculations							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,157,862,985	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.003005	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					0.000311	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					0.003316	
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)	206,000,658	0.000114	0.003005	0.000311	0.003430
33		B - Genesee (29)	66,515,956	(0.000163)	0.003005	0.000311	0.003153
34		C - Central (2)	180,015,192	(0.000275)	0.003005	0.000311	0.003041
35		D - North (31)	15,115,199	(0.002197)	0.003005	0.000311	0.001119
36		E - Mohawk V (3)	132,506,046	(0.000745)	0.003005	0.000311	0.002571
37		F - Capital (4)	307,705,125	(0.001539)	0.003005	0.000311	0.001777
38	S.C. No. 2ND	A - West (1)	9,061,266	0.000252	0.003005	0.000311	0.003568
39		B - Genesee (29)	2,633,295	(0.000075)	0.003005	0.000311	0.003241
40		C - Central (2)	7,369,742	(0.000179)	0.003005	0.000311	0.003137
41		D - North (31)	811,824	(0.001668)	0.003005	0.000311	0.001648
42		E - Mohawk V (3)	6,312,188	(0.000590)	0.003005	0.000311	0.002726
43		F - Capital (4)	14,755,714	(0.001237)	0.003005	0.000311	0.002079
			948,802,206				

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

Dollar Reconciliations	Cost Month May 2020
1 Total HP Reconciliations	\$ (103,886.74)
2 Capacity Reconciliation	\$ (138,710.13)
3 Subtotal	\$ 34,823.39
4 Projected HP ESRM Revenue	\$ 48,352.99
5 Actual HP ESRM Revenue	\$ 44,605.64
6 Billing Reconciliation	\$ 3,747.35
7 Total Revenue for HP ESRM	\$ 38,570.74
8 HP ESRM Usage Forecast	126,839,227
9 Balance of ESRM HP Customers	\$ 0.000304

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	May 2020	July 2020
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 224,020.09
2 Actual Net Market Value (OMVC) of New Hedges	\$ 2,985,959.68	
3 Prior New Hedge Adjustment reconciliation calculated for May 2020 Billing	\$ 1,727,628.71	
5 Prior Supply Reconciliation Balance reconciliation calculated for May 2020 Billing	\$ -	
6 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 4,713,588.39	
7 New Hedge Adjustment Billed Revenue	\$ 4,565,670.81	
8 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 147,917.58
9 New Hedge Adjustment for July 2020 Billing (Line 1 + Line 7)		\$ 371,937.67
Rate Calculation		Billing Month July 2020
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		626,341,367
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.000594

Portfolio Zone F

	May 2020	July 2020
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 3,582,830.71
12 Actual Net Market Value (OMVC) of New Hedges	\$ 3,337,470.85	
13 Prior New Hedge Adjustment reconciliation calculated for May 2020 Billing	\$ 1,532,375.89	
14 Prior Supply Reconciliation Balance reconciliation calculated for May 2020 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 4,869,846.74	
16 New Hedge Adjustment Billed Revenue	\$ 4,571,951.14	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 297,895.60
18 New Hedge Adjustment for July 2020 Billing (Line 11 + Line 17)		\$ 3,880,726.31
Rate Calculation		Billing Month July 2020
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		322,460,839
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.012035

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

		<u>May 2020</u>	<u>July 2020</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 4,191,110.86
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 6,027,667.87	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for May 2020 Billing	<u>\$ 2,517,556.83</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 8,545,224.70</u>	
8	Legacy Transition Charge Billed Revenue	\$ 9,144,287.19	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (599,062.49)</u>
9	Legacy Transition Charge for July 2020 Billing (Line 1 + Line 2 + Line 8)		\$ 3,592,048.37
			Billing Month
	<u>Rate Calculation</u>		<u>July 2020</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,670,048,518
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.001345

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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

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)
Apr-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99
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

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

NYPA R&D CONTRACTS		May 2020	July 2020
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (323,539.30)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 83,134.43	
3	Prior NYPA R&D reconciliation calculated for May 2020 Billing	\$ 116,591.56	
5	Intended Billing (Line 2 + Line 3)	\$ 199,725.99	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (86,741.11)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 286,467.10
7	NYPA Benefit (R&D Contracts) for July 2020 Billing (Line 1 + Line 6)		\$ (37,072.20)
9			
Rate Calculation			Billing Month July 2020
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,098,341,982
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000034)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		May 2020	July 2020
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 May 2020 Billing	\$ (3,191.73)	
13	Intended Billing (Line 11 + Line 12)	\$ (764,758.39)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (844,322.44)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ 79,564.05
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (279,058.40)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 2,125.07
19	NYPA Benefit (RCD) for July 2020 Billing (Line 10 + Line 15+ Line 18)		\$ (679,877.55)
Rate Calculation			Billing Month July 2020
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,098,341,982
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000619)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		July 2020
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
Rate Calculation		Billing Month July 2020
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	12,673,127
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.021852)

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Supply Reconciliation Balance**Rule 46.3.4****FOR THE BILLING MONTH OF****July 2020**

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 445,813.18	\$ 147,917.58	\$ 297,895.60			
5	MMA	\$ (664,869.34)	\$ (173,143.61)	\$ (491,725.73)			
6	SSA	\$ 3,479,024.92	\$ 1,881,964.67	\$ 968,896.42	\$ 628,163.84	\$ -	
5	Balance of ESRM	\$ 360,121.85	\$ 194,806.48	\$ 100,292.69	\$ 65,022.68	\$ -	
7							
6	Total Reconciliations Available	\$ 3,620,090.61	\$ 2,051,545.12	\$ 875,358.97	\$ 693,186.52	\$ -	
8							
7	Flex Account Adjustment		\$ -	\$ -			
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 2,051,545.12	\$ 875,358.97	\$ 693,186.52	\$ -	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		626,341,367	322,460,839			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		