

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: JULY 1, 2019

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 93
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month May 2019	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 44,816,034.27	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 9,346,081.620	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ 454,428.72	
5	Actual OMVC of New Hedges					\$ 5,137,009.64	
6	Subtotal					\$ 14,937,519.98	
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 29,878,514.29	
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 29,792,861.81	
9	HP Reconciliations					\$ (82,800.71)	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ 168,453.19	
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)	0.03367	0.03247	148,187,553	\$ (177,825.06)	
12		B - Genesee (29)	0.02936	0.02158	49,502,069	\$ (385,126.10)	
13		C - Central (2)	0.03016	0.02393	129,461,879	\$ (806,547.51)	
14		D - North (31)	0.02561	0.02079	11,611,907	\$ (55,969.39)	
15		E - Mohawk V (3)	0.03020	0.02369	96,498,610	\$ (628,205.95)	
16		F - Capital (4)	0.03292	0.03162	210,991,777	\$ (274,289.31)	
17	S.C. No. 2ND	A - West (1)	0.03533	0.03519	7,266,284	\$ (1,017.28)	
18		B - Genesee (29)	0.03051	0.02272	1,927,119	\$ (15,012.26)	
19		C - Central (2)	0.03135	0.02521	5,932,140	\$ (36,423.34)	
20		D - North (31)	0.02657	0.02206	640,889	\$ (2,890.41)	
21		E - Mohawk V (3)	0.03137	0.02493	4,963,996	\$ (31,968.13)	
22		F - Capital (4)	0.03390	0.03220	10,651,886	\$ (18,108.21)	
23	Sum Lines 10 through Line 21					\$ (2,433,382.95)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ 2,601,836.13	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for May 2019 Billing					\$ 3,283,171.38	
26	'Balance of the ESRM' Billed in May 2019					\$ 2,560,243.64	
27	Balance of the ESRM Sales Reconciliation for July 2019 billing (Line 25 minus Line 26					\$ 722,927.74	
27a	Balance of the ESRM Sales Reconciliation for July 2019 billing HP Allocation Removed					\$ 618,806.08	
Billing Month July 2019							
Rate Calculations							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,029,121,354	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.002528	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					0.000601	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					0.003129	
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)	191,978,516	(0.000926)	0.002528	0.000601	0.002203
33		B - Genesee (29)	61,717,554	(0.006240)	0.002528	0.000601	(0.003111)
34		C - Central (2)	164,020,559	(0.004917)	0.002528	0.000601	(0.001788)
35		D - North (31)	13,622,706	(0.004109)	0.002528	0.000601	(0.000980)
36		E - Mohawk V (3)	120,246,367	(0.005224)	0.002528	0.000601	(0.002095)
37		F - Capital (4)	279,005,975	(0.000983)	0.002528	0.000601	0.002146
38	S.C. No. 2ND	A - West (1)	8,195,109	(0.000124)	0.002528	0.000601	0.003005
39		B - Genesee (29)	2,367,322	(0.006341)	0.002528	0.000601	(0.003212)
40		C - Central (2)	6,775,768	(0.005376)	0.002528	0.000601	(0.002247)
41		D - North (31)	705,351	(0.004098)	0.002528	0.000601	(0.000969)
42		E - Mohawk V (3)	5,680,897	(0.005627)	0.002528	0.000601	(0.002498)
43		F - Capital (4)	13,137,759	(0.001378)	0.002528	0.000601	0.001751
			867,453,884				

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

Dollar Reconciliations		Cost Month May 2019
1	Total HP Reconciliations	\$ (82,800.71)
2	Capacity Reconciliation	\$ (29,996.73)
3	Subtotal	\$ (52,803.97)
4	Balance of the ESRM Sales Reconciliation for July 2019 billing	\$ 722,927.74
5	Actual HP ESRM Sales	145,179,763
6	Total ESRM Sales (All Full Service Customers)	\$ 1,007,998,451.00
7	HP Bal ESRM Allocation (for May and June only) (6 x 7 / 8)	\$ 104,121.67
8	Projected HP ESRM Revenue	\$ -
9	Actual HP ESRM Revenue	\$ -
10	Billing Reconciliation	\$ -
11	Total Revenue for HP ESRM	\$ 51,317.69
12	HP ESRM Usage Forecast	147,930,086
13	Balance of ESRM HP Customers	\$ 0.000347

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	May 2019	July 2019
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (2,912,024.39)
2 Actual Net Market Value (OMVC) of New Hedges	\$ 2,279,971.16	
3 Prior New Hedge Adjustment reconciliation calculated for May 2019 Billing	\$ (861,026.44)	
4 Prior Supply Reconciliation Balance reconciliation calculated for May 2019 Billing	\$ -	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 1,418,944.72	
6 New Hedge Adjustment Billed Revenue	\$ 1,073,674.71	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 345,270.01
8 New Hedge Adjustment for July 2019 Billing (Line 1 + Line 7)		\$ (2,566,754.38)
Rate Calculation		Billing Month July 2019
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		575,310,150
10 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.004462)

Portfolio Zone F

	May 2019	July 2019
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 3,053,234.19
12 Actual Net Market Value (OMVC) of New Hedges	\$ 2,857,038.48	
13 Prior New Hedge Adjustment reconciliation calculated for May 2019 Billing	\$ (642,105.87)	
14 Prior Supply Reconciliation Balance reconciliation calculated for May 2019 Billing	\$ (1,400,000.00)	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 814,932.61	
16 New Hedge Adjustment Billed Revenue	\$ 521,296.30	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 293,636.31
18 New Hedge Adjustment for July 2019 Billing (Line 11 + Line 17)		\$ 3,346,870.50
Rate Calculation		Billing Month July 2019
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		292,143,734
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.011456

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

		<u>May 2019</u>	<u>July 2019</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 4,032,202.25
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 9,346,081.62	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for May 2019 Billing	<u>\$ 520,077.40</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 9,866,159.02</u>	
7	Legacy Transition Charge Billed Revenue	\$ 6,975,724.61	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 2,890,434.41</u>
9	Legacy Transition Charge for July 2019 Billing (Line 1 + Line 2 + Line 8)		\$ 6,922,636.66
			Billing Month
	<u>Rate Calculation</u>		<u>July 2019</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,715,251,116
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.002550

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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	Month Payment is Received
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	
Jun-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	May 2017
Jul-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	June 2017
Aug-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	July 2017
Sep-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	August 2017
Oct-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	September 2017
Nov-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	October 2017
Dec-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	November 2017
Jan-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	December 2017
Feb-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	January 2018
Mar-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	February 2018
Apr-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	March 2018
May-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	April 2018
Jun-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	May 2018
Jul-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	June 2018
Aug-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	July 2018
Sep-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	August 2018
Oct-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	September 2018
Nov-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	October 2018
Dec-18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	November 2018
Jan-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	December 2018
Feb-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	January 2019
Mar-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	February 2019
Apr-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	March 2019
May-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	April 2019
Jun-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	May 2019
Jul-19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	June 2019

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

NYPA R&D CONTRACTS		May 2019	July 2019
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (312,753.32)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 454,428.72	
3	Prior NYPA R&D reconciliation calculated for May 2019 Billing	\$ (167,167.72)	
4	Intended Billing (Line 2 + Line 3)	\$ 287,261.00	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (97,166.20)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 384,427.20
7	NYPA Benefit (R&D Contracts) for July 2019 Billing (Line 1 + Line 6)		\$ 71,673.88
Rate Calculation			Billing Month July 2019
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,007,876,548
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000071

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		May 2019	July 2019
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 2019 Billing	\$ 65,589.27	
13	Intended Billing (Line 11 + Line 12)	\$ (695,977.39)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (659,045.97)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (36,931.42)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (276,224.08)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (709.25)
19	NYPA Benefit (RCD) for July 2019 Billing (Line 10 + Line 15+ Line 18)		\$ (799,207.34)
Rate Calculation			Billing Month July 2019
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,007,876,548
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000793)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		July 2019
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
Rate Calculation		Billing Month July 2019
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	11,081,607
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.024990)

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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
July 2019

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 638,906.32	\$ 345,270.01	\$ 293,636.31			
3	MMA	\$ (2,433,382.95)	\$ (2,140,985.43)	\$ (292,397.52)			
4	SSA	\$ 2,519,035.63	\$ 1,454,505.56	\$ 738,601.06	\$ 408,730.00	\$ (82,801.00)	
5	Balance of ESRM	\$ 722,928.15	\$ 345,931.43	\$ 175,664.72	\$ 97,210.00	\$ 104,122.00	
6	Total Reconciliations Available	\$ 1,447,487.15	\$ 4,721.57	\$ 915,504.58	\$ 505,940.00	\$ 21,321.00	
7	Flex Account Adjustment		\$ -	\$ -			
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 4,721.57	\$ 915,504.58	\$ 505,940.00	\$ 21,321.00	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		575,310,150	292,143,734			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		