

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2019

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 95
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month July 2019
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 57,991,992.07
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:						
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 3,776,885.200
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -
4	Actual OMVC of NYPA R&D Contracts					\$ 195,716.60
5	Actual OMVC of New Hedges					\$ 792,234.61
5	Subtotal					\$ 4,764,836.41
6						
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 53,227,155.66
7						
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 44,107,317.88
8						
9	HP Reconciliations					\$ 9,637.71
9						
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ 9,110,200.07
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)	0.04447	0.04577	202,726,102	\$ 263,543.93
12		B - Genesee (29)	0.03261	0.03359	58,080,117	\$ 56,918.51
13		C - Central (2)	0.03367	0.03664	174,119,918	\$ 517,136.16
14		D - North (31)	0.02843	0.03113	11,811,847	\$ 31,891.99
15		E - Mohawk V (3)	0.03369	0.03620	116,790,581	\$ 293,144.36
16		F - Capital (4)	0.03557	0.03869	308,080,412	\$ 961,210.89
17	S.C. No. 2ND	A - West (1)	0.04702	0.04768	8,087,321	\$ 5,337.63
18		B - Genesee (29)	0.03388	0.03427	2,044,367	\$ 797.30
19		C - Central (2)	0.03499	0.03747	5,607,141	\$ 13,905.71
20		D - North (31)	0.02949	0.03162	597,838	\$ 1,273.39
21		E - Mohawk V (3)	0.03499	0.03694	5,492,755	\$ 10,710.87
22		F - Capital (4)	0.03664	0.03927	13,349,101	\$ 35,108.14
23	Sum Lines 10 through Line 21					\$ 2,190,978.88
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ 6,919,221.19
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for July 2019 Billing					\$787,259.27
26	'Balance of the ESRM' Billed in July 2019					\$ 955,094.68
27	Balance of the ESRM Sales Reconciliation for September 2019 billing (Line 25 minus Line 26)					\$ (167,835.41)
27a	Balance of the ESRM Sales Reconciliation for September 2019 billing HP Allocation Removed					\$ -
Billing Month September 2019						
Rate Calculations						
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					978,337,122
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					0.007072
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					(0.000172)
31	Balance of the ESRM Rates (\$/kWh)					
31a	Unhedged customers (Line 29 + Line 30)					0.006900
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)	177,554,900	0.001484	0.007072	(0.000172) 0.008384
33		B - Genesee (29)	56,790,258	0.001002	0.007072	(0.000172) 0.007902
34		C - Central (2)	152,940,794	0.003381	0.007072	(0.000172) 0.010281
35		D - North (31)	12,797,819	0.002492	0.007072	(0.000172) 0.009392
36		E - Mohawk V (3)	112,629,146	0.002603	0.007072	(0.000172) 0.009503
37		F - Capital (4)	262,598,507	0.003660	0.007072	(0.000172) 0.010560
38	S.C. No. 2ND	A - West (1)	7,674,633	0.000695	0.007072	(0.000172) 0.007595
39		B - Genesee (29)	2,208,295	0.000361	0.007072	(0.000172) 0.007261
40		C - Central (2)	6,366,669	0.002184	0.007072	(0.000172) 0.009084
41		D - North (31)	670,183	0.001900	0.007072	(0.000172) 0.008800
42		E - Mohawk V (3)	5,389,336	0.001987	0.007072	(0.000172) 0.008887
43		F - Capital (4)	12,488,132	0.002811	0.007072	(0.000172) 0.009711
			810,108,673			

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

Dollar Reconciliations		Cost Month July 2019	
1	Total HP Reconciliations	\$	9,637.71
2	Capacity Reconciliation	\$	(18,722.27)
3	Subtotal	\$	28,359.98
4	Projected HP ESRM Revenue	\$	21,321.00
5	Actual HP ESRM Revenue	\$	17,636.59
6	Billing Reconciliation	\$	3,684.41
7	Total Revenue for HP ESRM	\$	32,044.39
8	HP ESRM Usage Forecast		133,343,803
9	Balance of ESRM HP Customers	\$	0.000240

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	July 2019	September 2019
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 2,083,752.10
2 Actual Net Market Value (OMVC) of New Hedges	\$ (1,984,155.80)	
3 Prior New Hedge Adjustment reconciliation calculated for July 2019 Billing	\$ 345,270.01	
5 Prior Supply Reconciliation Balance reconciliation calculated for July 2019 Billing	\$ -	
6 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (1,638,885.79)	
7 New Hedge Adjustment Billed Revenue	\$ (2,539,061.49)	
8 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 900,175.70
9 New Hedge Adjustment for September 2019 Billing (Line 1 + Line 7)		\$ 2,983,927.80
Rate Calculation		Billing Month September 2019
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		535,022,033
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.005577

Portfolio Zone F

	July 2019	September 2019
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 2,828,875.90
12 Actual Net Market Value (OMVC) of New Hedges	\$ 2,776,390.41	
13 Prior New Hedge Adjustment reconciliation calculated for July 2019 Billing	\$ 293,636.31	
14 Prior Supply Reconciliation Balance reconciliation calculated for July 2019 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 3,070,026.72	
16 New Hedge Adjustment Billed Revenue	\$ 3,704,949.90	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (634,923.18)
18 New Hedge Adjustment for September 2019 Billing (Line 11 + Line 17)		\$ 2,193,952.72
Rate Calculation		Billing Month September 2019
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		275,086,640
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.007975

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

		<u>July 2019</u>	<u>September 2019</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,940,979.40
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 3,776,885.20	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for July 2019 Billing	<u>\$ 2,890,434.41</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 6,667,319.61</u>	
8	Legacy Transition Charge Billed Revenue	\$ 6,780,603.41	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (113,283.80)</u>
9	Legacy Transition Charge for September 2019 Billing (Line 1 + Line 2 + Line 8)		\$ 2,827,695.60
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>September 2019</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,602,903,100
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.001086

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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)	
Aug-17	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	July 2017
Sep-17	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	August 2017
Oct-17	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	September 2017
Nov-17	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	October 2017
Dec-17	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	November 2017
Jan-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	December 2017
Feb-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	January 2018
Mar-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	February 2018
Apr-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	March 2018
May-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	April 2018
Jun-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	May 2018
Jul-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	June 2018
Aug-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	July 2018
Sep-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	August 2018
Oct-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	September 2018
Nov-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	October 2018
Dec-18	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	November 2018
Jan-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	December 2018
Feb-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	January 2019
Mar-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	February 2019
Apr-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	March 2019
May-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	April 2019
Jun-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	May 2019
Jul-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	June 2019
Aug-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	July 2019
Sep-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	August 2019

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

NYPA R&D CONTRACTS		July 2019	September 2019
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ 35,064.52
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 195,716.60	
3	Prior NYPA R&D reconciliation calculated for July 2019 Billing	<u>\$ 384,427.20</u>	
5	Intended Billing (Line 2 + Line 3)	<u>\$ 580,143.80</u>	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 75,590.36	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		<u>\$ 504,553.44</u>
8			
7	NYPA Benefit (R&D Contracts) for September 2019 Billing (Line 1 + Line 6)		\$ 539,617.96
9			
Rate Calculation			Billing Month September 2019
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		937,054,867
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000576

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		July 2019	September 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 July 2019 Billing	<u>\$ (37,640.67)</u>	
13	Intended Billing (Line 11 + Line 12)	<u>\$ (799,207.34)</u>	
14	NYPA Benefit (RCD) Billed Revenue	\$ (847,768.52)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		<u>\$ 48,561.18</u>
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	<u>\$ (304,249.96)</u>	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		<u>\$ 27,316.63</u>
19	NYPA Benefit (RCD) for September 2019 Billing (Line 10 + Line 15+ Line 18)		\$ (685,688.86)
Rate Calculation			Billing Month September 2019
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		937,054,867
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000732)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		September 2019
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
Rate Calculation		Billing Month September 2019
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	12,748,049
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.021724)

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Supply Reconciliation Balance

Rule 46.3.4

**FOR THE BILLING MONTH OF
September 2019**

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 265,252.52	\$ 900,175.70	\$ (634,923.18)			
5	MMA	\$ 2,190,978.88	\$ 1,194,659.86	\$ 996,319.02			
6	SSA	\$ 6,055,366.19	\$ 3,783,906.08	\$ 1,945,531.11	\$ 408,730.00	\$ (82,801.00)	
5	Balance of ESRM	\$ 201,332.00	\$ -	\$ -	\$ 97,210.00	\$ 104,122.00	
7							
6	Total Reconciliations Available	\$ 8,712,929.59	\$ 5,878,741.64	\$ 2,306,926.95	\$ 505,940.00	\$ 21,321.00	
8							
7	Flex Account Adjustment		\$ -	\$ -			
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 5,878,741.64	\$ 2,306,926.95	\$ 505,940.00	\$ 21,321.00	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		535,022,033	275,086,640			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		