

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: OCTOBER 29, 2019

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 97
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations				Cost Month September 2019			
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs			\$	36,516,401.96		
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)			\$	2,382,439.970		
3	Actual OMVC of Nine Mile 2 RSA Agreement			\$	-		
4	Actual OMVC of NYPA R&D Contracts			\$	306,308.25		
5	Actual OMVC of New Hedges			\$	5,775,187.25		
5	Subtotal			\$	8,463,935.47		
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)			\$	28,052,466.49		
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers			\$	32,374,211.83		
9	HP Reconciliations			\$	28,903.76		
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)			\$	(4,350,649.09)		
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)	0.03303	0.03113	188,264,866	\$ (357,703.25)	
12		B - Genesee (29)	0.02642	0.02512	52,583,690	\$ (68,358.80)	
13		C - Central (2)	0.02747	0.02592	146,217,676	\$ (226,637.40)	
14		D - North (31)	0.02354	0.02014	10,309,890	\$ (35,053.63)	
15		E - Mohawk V (3)	0.02738	0.02568	106,841,080	\$ (181,629.84)	
16		F - Capital (4)	0.03002	0.02975	252,330,046	\$ (68,129.11)	
17	S.C. No. 2ND	A - West (1)	0.03440	0.03278	7,802,031	\$ (12,639.29)	
18		B - Genesee (29)	0.02723	0.02565	1,998,296	\$ (3,157.31)	
19		C - Central (2)	0.02833	0.02650	5,917,935	\$ (10,829.82)	
20		D - North (31)	0.02427	0.02032	588,538	\$ (2,324.73)	
21		E - Mohawk V (3)	0.02823	0.02619	5,283,326	\$ (10,777.99)	
22		F - Capital (4)	0.03074	0.03037	12,404,201	\$ (4,589.55)	
23	Sum Lines 10 through Line 21				\$	(981,830.70)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)				\$	(3,368,818.40)	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for September 2019 Billing					\$8,942,364.66	
26	'Balance of the ESRM' Billed in September 2019				\$	8,877,011.25	
27	Balance of the ESRM Sales Reconciliation for November 2019 billing (Line 25 minus Line 26)					\$65,353.41	
Rate Calculations						Billing Month November 2019	
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					908,509,258	
29	Supply Service Adjustment factor for all Non-HP Customers ((Line 24 / Line 28)					(0.003708)	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					0.000072	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					(0.003636)	
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)	153,421,902	(0.002332)	(0.003708)	0.000072	(0.005968)
33		B - Genesee (29)	49,508,460	(0.001381)	(0.003708)	0.000072	(0.005017)
34		C - Central (2)	132,040,369	(0.001716)	(0.003708)	0.000072	(0.005352)
35		D - North (31)	11,096,181	(0.003159)	(0.003708)	0.000072	(0.006795)
36		E - Mohawk V (3)	97,707,448	(0.001859)	(0.003708)	0.000072	(0.005495)
37		F - Capital (4)	226,407,398	(0.000301)	(0.003708)	0.000072	(0.003937)
38	S.C. No. 2ND	A - West (1)	6,733,649	(0.001877)	(0.003708)	0.000072	(0.005513)
39		B - Genesee (29)	1,943,970	(0.001624)	(0.003708)	0.000072	(0.005260)
40		C - Central (2)	5,555,856	(0.001949)	(0.003708)	0.000072	(0.005585)
41		D - North (31)	590,686	(0.003936)	(0.003708)	0.000072	(0.007572)
42		E - Mohawk V (3)	4,724,690	(0.002281)	(0.003708)	0.000072	(0.005917)
43		F - Capital (4)	10,946,408	(0.000419)	(0.003708)	0.000072	(0.004055)
			700,677,016				

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

Dollar Reconciliations		Cost Month September 2019
1	Total HP Reconciliations	\$ 28,903.76
2	Capacity Reconciliation	\$ 11,803.91
3	Subtotal	\$ 17,099.84
4	Projected HP ESRM Revenue	\$ 13,322.12
5	Actual HP ESRM Revenue	\$ 6,702.75
6	Billing Reconciliation	\$ 6,619.37
7	Total Revenue for HP ESRM	\$ 23,719.22
8	HP ESRM Usage Forecast	130,851,061
9	Balance of ESRM HP Customers	\$ 0.000181

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	September 2019	November 2019
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 3,963,791.34
2 Actual Net Market Value (OMVC) of New Hedges	\$ 2,867,846.92	
3 Prior New Hedge Adjustment reconciliation calculated for September 2019 Billing	\$ 900,175.70	
5 Prior Supply Reconciliation Balance reconciliation calculated for September 2019 Billing	\$ -	
6 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 3,768,022.62	
7 New Hedge Adjustment Billed Revenue	\$ 2,849,444.62	
8 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 918,578.00
9 New Hedge Adjustment for November 2019 Billing (Line 1 + Line 7)		\$ 4,882,369.34
Rate Calculation		Billing Month November 2019
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		463,323,209
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.010538

Portfolio Zone F

	September 2019	November 2019
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 2,649,483.91
12 Actual Net Market Value (OMVC) of New Hedges	\$ 2,907,340.33	
13 Prior New Hedge Adjustment reconciliation calculated for September 2019 Billing	\$ (634,923.18)	
14 Prior Supply Reconciliation Balance reconciliation calculated for September 2019 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 2,272,417.15	
16 New Hedge Adjustment Billed Revenue	\$ 2,136,530.98	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 135,886.17
18 New Hedge Adjustment for November 2019 Billing (Line 11 + Line 17)		\$ 2,785,370.08
Rate Calculation		Billing Month November 2019
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		237,353,807
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.011735

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

		<u>September 2019</u>	<u>November 2019</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 6,542,150.83
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 2,382,439.97	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for September 2019 Billing	<u>\$ (113,283.80)</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 2,269,156.17</u>	
8	Legacy Transition Charge Billed Revenue	\$ 2,958,292.12	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (689,135.95)</u>
9	Legacy Transition Charge for November 2019 Billing (Line 1 + Line 2 + Line 8)		\$ 5,853,014.88
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>November 2019</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,362,877,095
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.002477

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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)	
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
Oct-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	September 2019
Nov-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	October 2019

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

NYPA R&D CONTRACTS		
	<u>September 2019</u>	<u>November 2019</u>
1 Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ 341,176.00
2 Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 306,308.25	
3 Prior NYPA R&D reconciliation calculated for September 2019 Billing	<u>\$ 504,553.44</u>	
5 Intended Billing (Line 2 + Line 3)	<u>\$ 810,861.69</u>	
6		
5 NYPA Benefit (R&D Contracts) Billed Revenue	\$ 505,900.16	
7		
6 Reconciliation of Billed Revenue (Line 4 - Line 5)		<u>\$ 304,961.53</u>
8		
7 NYPA Benefit (R&D Contracts) for November 2019 Billing (Line 1 + Line 6)		\$ 646,137.53
9		
Rate Calculation		<u>Billing Month November 2019</u>
8 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		813,285,051
9 NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000794

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		
	<u>September 2019</u>	<u>November 2019</u>
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 September 2019 Billing	<u>\$ 75,877.81</u>	
13 Intended Billing (Line 11 + Line 12)	<u>\$ (685,688.86)</u>	
14 NYPA Benefit (RCD) Billed Revenue	\$ (681,350.06)	
15 Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		<u>\$ (4,338.80)</u>
16 Actual RAD payment Booked	\$ (276,933.33)	
17 NYPA Benefit (RAD) Billed Revenue	<u>\$ (205,247.94)</u>	
18 Reconciliation of Billed Revenue (Line 16 - Line 17)		<u>\$ (71,685.39)</u>
19 NYPA Benefit (RCD) for November 2019 Billing (Line 10 + Line 15+ Line 18)		\$ (837,590.85)
Rate Calculation		<u>Billing Month November 2019</u>
20 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		813,285,051
21 NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.001030)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		
		<u>November 2019</u>
22 NYPA RAD Payment for upcoming billing month		\$ (276,933.33)
	#	
Rate Calculation		<u>Billing Month November 2019</u>
23 Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)		7,200,086
24 NYPA Benefit (RAD) rate (Line 22/ Line 23)		\$ (0.038463)

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Supply Reconciliation Balance

Rule 46.3.4

FOR THE BILLING MONTH OF

November 2019

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 1,054,464.17	\$ 918,578.00	\$ 135,886.17			
5	MMA	\$ (981,830.70)	\$ (909,112.03)	\$ (72,718.67)			
6	SSA	\$ (3,368,818.40)	\$ (1,718,036.15)	\$ (880,125.18)	\$ (770,657.07)	\$ -	
5	Balance of ESRM	\$ 65,353.41	\$ 33,329.05	\$ 17,073.99	\$ 14,950.36	\$ -	
7							
6	Total Reconciliations Available	\$ (3,230,831.52)	\$ (1,675,241.14)	\$ (799,883.68)	\$ (755,706.70)	\$ -	
8							
7	Flex Account Adjustment		\$ -	\$ -			
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ (1,675,241.14)	\$ (799,883.68)	\$ (755,706.70)	\$ -	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		463,323,209	237,353,807			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		