

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

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 100
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month December 2019	
1	Rule 46.3.3.1.1 Actual Electricity Supply Costs					\$ 53,596,761.56	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 7,294,023.580	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ 371,281.50	
5	Actual OMVC of New Hedges					\$ 9,277,022.68	
5	Subtotal					\$ 16,942,327.76	
6							
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 36,654,433.80	
7							
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 40,977,721.97	
9	HP Reconciliations					\$ 14,491.39	
10	Balance of the ESRM (Line 7 minus Line 8 minus Line 9)					\$ (4,337,779.56)	
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)	0.03218	0.02431	191,627,877	\$ (1,508,111.39)	
12		B - Genesee (29)	0.02982	0.02384	67,033,400	\$ (400,859.73)	
13		C - Central (2)	0.03103	0.02459	161,078,346	\$ (1,037,344.55)	
14		D - North (31)	0.02517	0.02190	15,086,855	\$ (49,334.02)	
15		E - Mohawk V (3)	0.03099	0.02491	121,157,591	\$ (736,638.15)	
16		F - Capital (4)	0.04427	0.03390	295,835,346	\$ (3,067,812.54)	
17	S.C. No. 2ND	A - West (1)	0.03286	0.02441	8,635,669	\$ (72,971.40)	
18		B - Genesee (29)	0.03037	0.02383	2,705,067	\$ (17,691.14)	
19		C - Central (2)	0.03162	0.02457	6,865,400	\$ (48,401.07)	
20		D - North (31)	0.02558	0.02188	819,394	\$ (3,031.76)	
21		E - Mohawk V (3)	0.03157	0.02488	5,778,903	\$ (38,660.86)	
22		F - Capital (4)	0.04466	0.03383	15,073,348	\$ (163,244.36)	
23	Sum Lines 10 through Line 21					\$ (7,144,100.97)	
24	Rule 46.3.3.2 Supply Service Adjustment (Line 10 minus Line 23)					\$ 2,806,321.41	
25	'Balance of the ESRM' plus Sales Reconciliation, calculated for December 2019 Billing					\$890,491.01	
26	'Balance of the ESRM' Billed in December 2019					\$ 740,630.35	
27	Balance of the ESRM Sales Reconciliation for February 2020 billing (Line 25 minus Line 26)					\$149,860.66	
Rate Calculations							
Billing Month February 2020							
28	Forecast Non-HP Total Commodity Sales for Billing Month (kWh)					1,152,769,057	
29	Supply Service Adjustment factor for all Non-HP Customers (Line 24 / Line 28)					0.002434	
30	Non-HP Balance of the ESRM Reconciliation Factor (Line 27a/ Line 28)					0.000130	
31	Balance of the ESRM Rates (\$/kWh)						
31a	Unhedged customers (Line 29 + Line 30)					0.002564	
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)	199,483,954	(0.007560)	0.002434	0.000130	(0.004996)
33		B - Genesee (29)	64,838,161	(0.006182)	0.002434	0.000130	(0.003618)
34		C - Central (2)	172,111,165	(0.006027)	0.002434	0.000130	(0.003463)
35		D - North (31)	14,584,221	(0.003383)	0.002434	0.000130	(0.000819)
36		E - Mohawk V (3)	127,537,529	(0.005776)	0.002434	0.000130	(0.003212)
37		F - Capital (4)	295,743,019	(0.010373)	0.002434	0.000130	(0.007809)
38	S.C. No. 2ND	A - West (1)	8,892,996	(0.008205)	0.002434	0.000130	(0.005641)
39		B - Genesee (29)	2,581,042	(0.006854)	0.002434	0.000130	(0.004290)
40		C - Central (2)	7,319,034	(0.006613)	0.002434	0.000130	(0.004049)
41		D - North (31)	792,065	(0.003828)	0.002434	0.000130	(0.001264)
42		E - Mohawk V (3)	6,215,693	(0.006220)	0.002434	0.000130	(0.003656)
43		F - Capital (4)	14,687,832	(0.011114)	0.002434	0.000130	(0.008550)
			914,786,712				

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

Dollar Reconciliations		Cost Month December 2019	
1	Total HP Reconciliations	\$	14,491.39
2	Capacity Reconciliation	\$	(26,424.23)
3	Subtotal	\$	40,915.62
4	Projected HP ESRM Revenue	\$	(58,721.63)
5	Actual HP ESRM Revenue	\$	(56,669.19)
6	Billing Reconciliation	\$	(2,052.44)
7	Total Revenue for HP ESRM	\$	38,863.18
8	HP ESRM Usage Forecast		128,176,004
9	Balance of ESRM HP Customers	\$	0.000303

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	December 2019	February 2020
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 5,651,821.41
2 Actual Net Market Value (OMVC) of New Hedges	\$ 6,252,110.37	
3 Prior New Hedge Adjustment reconciliation calculated for December 2019 Billing	\$ 705,917.50	
5 Prior Supply Reconciliation Balance reconciliation calculated for December 2019 Billing	\$ -	
6 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 6,958,027.87	
7 New Hedge Adjustment Billed Revenue	\$ 2,950,483.07	
8 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 4,007,544.80
9 New Hedge Adjustment for February 2020 Billing (Line 1 + Line 7)		\$ 9,659,366.21
Rate Calculation		Billing Month February 2020
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		604,355,861
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.015983

Portfolio Zone F

	December 2019	February 2020
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 1,705,152.79
12 Actual Net Market Value (OMVC) of New Hedges	\$ 3,024,912.31	
13 Prior New Hedge Adjustment reconciliation calculated for December 2019 Billing	\$ 635,043.11	
14 Prior Supply Reconciliation Balance reconciliation calculated for December 2019 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 3,659,955.42	
16 New Hedge Adjustment Billed Revenue	\$ 1,210,292.00	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 2,449,663.42
18 New Hedge Adjustment for February 2020 Billing (Line 11 + Line 17)		\$ 4,154,816.21
Rate Calculation		Billing Month February 2020
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		310,430,851
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.013384

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

		<u>December 2019</u>	<u>February 2020</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 5,460,322.11
2	Scheduled Nine Mile 2 RSA Credit		\$ -
5	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 7,294,023.58	
6	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for December 2019 Billing	<u>\$ 923,603.73</u>	
7	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 8,217,627.31</u>	
8	Legacy Transition Charge Billed Revenue	\$ 6,640,501.55	
9	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 1,577,125.76</u>
9	Legacy Transition Charge for February 2020 Billing (Line 1 + Line 2 + Line 8)		\$ 7,037,447.87
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>February 2020</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,717,285,128
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.002590

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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)	
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
Dec-19	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	November 2019
Jan-20	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.99		0.00%	\$0.00	\$8.99	December 2019

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

NYPA R&D CONTRACTS		December 2019	February 2020
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ 369,617.86
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 371,281.50	
3	Prior NYPA R&D reconciliation calculated for December 2019 Billing	\$ 278,772.22	
5	Intended Billing (Line 2 + Line 3)	\$ 650,053.72	
6			
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 470,719.72	
7			
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 179,334.00
8			
7	NYPA Benefit (R&D Contracts) for February 2020 Billing (Line 1 + Line 6)		\$ 548,951.86
9			
Rate Calculation			Billing Month February 2020
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,065,883,121
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000515

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		December 2019	February 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 December 2019 Billing	\$ 1,306.83	
13	Intended Billing (Line 11 + Line 12)	\$ (760,259.83)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (788,888.46)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ 28,628.63
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (284,948.44)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 8,015.11
19	NYPA Benefit (RCD) for February 2020 Billing (Line 10 + Line 15+ Line 18)		\$ (724,922.93)
Rate Calculation			Billing Month February 2020
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,065,883,121
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000680)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		February 2020
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
		#
Rate Calculation		Billing Month February 2020
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	8,683,130
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.031893)

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Supply Reconciliation Balance

Rule 46.3.4

FOR THE BILLING MONTH OF

February 2020

1	Beginning Balance Deferred	\$	-	\$	-		
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	HP	
2	NHA	\$ 6,457,208.22	\$ 4,007,544.80	\$ 2,449,663.42			
5	MMA	\$ (7,144,100.97)	\$ (3,913,044.07)	\$ (3,231,056.90)			
6	SSA	\$ 2,806,321.41	\$ 1,471,254.61	\$ 755,718.36	\$ 579,348.44	\$ -	
5	Balance of ESRM	\$ 149,860.66	\$ 78,566.62	\$ 40,356.19	\$ 30,937.85	\$ -	
7							
6	Total Reconciliations Available	\$ 2,269,289.32	\$ 1,644,321.96	\$ 14,681.08	\$ 610,286.28	\$ -	
8							
7	Flex Account Adjustment		\$ -	\$ -			
9	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 1,644,321.96	\$ 14,681.08	\$ 610,286.28	\$ -	
9	Ending Balance Deferred	\$	-	\$	-		
10	Forecast Sales		604,355,861	310,430,851			
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-		