

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: JULY 31, 2018

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 81
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month June 2018	
1	Rule 46.3.3.1 Actual Electricity Supply Costs					\$ 52,173,199.90	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 1,569,027.130	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ (472,232.91)	
5	Actual OMVC of New Hedges					\$ (1,205,713.78)	
6	Subtotal					\$ (108,919.56)	
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 52,282,119.46	
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 39,749,220.34	
9	Balance of the ESRM (Line 7 minus Line 8)					\$ 12,532,899.12	
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	
10	S.C. No. 1	A - West (1)	0.04064	0.04514	163,579,760	\$ 736,108.92	
11		B - Genesee (29)	0.03583	0.03845	53,671,551	\$ 140,619.46	
12		C - Central (2)	0.03687	0.04020	146,478,684	\$ 487,774.02	
13		D - North (31)	0.03197	0.02478	10,943,192	\$ (78,681.55)	
14		E - Mohawk V (3)	0.03695	0.03919	98,911,934	\$ 221,562.73	
15		F - Capital (4)	0.03911	0.04219	226,755,528	\$ 698,407.03	
16	S.C. No. 2ND	A - West (1)	0.04314	0.04928	7,180,863	\$ 44,090.50	
17		B - Genesee (29)	0.03758	0.04063	2,016,909	\$ 6,151.57	
18		C - Central (2)	0.03867	0.04249	5,874,770	\$ 22,441.62	
19		D - North (31)	0.03351	0.02560	537,586	\$ (4,252.31)	
20		E - Mohawk V (3)	0.03873	0.04128	4,674,537	\$ 11,920.07	
21		F - Capital (4)	0.04073	0.04411	10,492,172	\$ 35,463.54	
22	Sum Lines 10 through Line 21					\$ 2,321,605.61	
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)					\$ 10,211,293.51	
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for June 2018 Billing					\$ 6,277,712.72	
25	'Balance of the ESRM' Billed in June 2018					\$ 5,983,144.89	
26	Balance of the ESRM Sales Reconciliation for August 2018 billing (Line 24 minus Line 25)					\$ 294,567.83	
Rate Calculations						Billing Month August 2018	
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)					0.008453	
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)					0.000244	
Balance of the ESRM Rates (\$/kWh)							
30	Unhedged & MHP customers (Line 28 + Line 29)					0.008697	
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)
31	S.C. No. 1	A - West (1)	190,545,120	0.003863	0.008453	0.000244	0.012560
32		B - Genesee (29)	61,593,999	0.002283	0.008453	0.000244	0.010980
33		C - Central (2)	163,808,130	0.002978	0.008453	0.000244	0.011675
34		D - North (31)	13,707,873	(0.005740)	0.008453	0.000244	0.002957
35		E - Mohawk V (3)	121,204,797	0.001828	0.008453	0.000244	0.010525
36		F - Capital (4)	280,033,687	0.002494	0.008453	0.000244	0.011191
37	S.C. No. 2ND	A - West (1)	8,366,489	0.005270	0.008453	0.000244	0.013967
38		B - Genesee (29)	2,389,774	0.002574	0.008453	0.000244	0.011271
39		C - Central (2)	6,824,352	0.003288	0.008453	0.000244	0.011985
40		D - North (31)	657,435	(0.006468)	0.008453	0.000244	0.002229
41		E - Mohawk V (3)	5,643,294	0.002112	0.008453	0.000244	0.010809
42		F - Capital (4)	13,399,289	0.002647	0.008453	0.000244	0.011344
			868,174,238				

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	June 2018	August 2018
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (2,779,725.82)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (2,342,145.83)	
3 Prior New Hedge Adjustment reconciliation calculated for June 2018 Billing	\$ (2,243,334.78)	
4 Prior Supply Reconciliation Balance reconciliation calculated for June 2018 Billing	\$ (1,500,000.00)	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (6,085,480.61)	
6 New Hedge Adjustment Billed Revenue	\$ (2,719,466.63)	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ (3,366,013.98)
8 New Hedge Adjustment for August 2018 Billing (Line 1 + Line 7)		\$ (6,145,739.80)
Rate Calculation		Billing Month August 2018
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		574,741,262
10 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.010693)

Portfolio Zone F

	June 2018	August 2018
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 1,739,815.42
12 Actual Net Market Value (OMVC) of New Hedges	\$ 1,136,432.05	
13 Prior New Hedge Adjustment reconciliation calculated for June 2018 Billing	\$ (1,294,857.76)	
14 Prior Supply Reconciliation Balance reconciliation calculated for June 2018 Billing	\$ (1,000,000.00)	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (1,158,425.71)	
16 New Hedge Adjustment Billed Revenue	\$ 106,237.27	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (1,264,662.98)
18 New Hedge Adjustment for August 2018 Billing (Line 11 + Line 17)		\$ 475,152.44
Rate Calculation		Billing Month August 2018
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		293,432,976
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.001619

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

		<u>June 2018</u>	<u>August 2018</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,663,564.62
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 1,569,027.13	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for June 2018 Billing	<u>\$ 162,719.34</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 1,731,746.47</u>	
7	Legacy Transition Charge Billed Revenue	\$ 7,498,157.88	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (5,766,411.41)</u>
9	Legacy Transition Charge for August 2018 Billing (Line 1 + Line 2 + Line 8)		\$ (3,102,846.79)
			<u>Billing Month</u>
	<u>Rate Calculation</u>		<u>August 2018</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,688,959,062
11	Legacy Transition Charge (Line 9/ Line 10)		\$ (0.001154)

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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-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	May 2016
Jul-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	June 2016
Aug-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	July 2016
Sep-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	August 2016
Oct-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	September 2016
Nov-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	October 2016
Dec-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	November 2016
Jan-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	December 2016
Feb-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	January 2017
Mar-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	February 2017
Apr-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	March 2017
May-17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	April 2017
Jun-17	\$0.00	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$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	\$0.00	June 2018

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

NYPA R&D CONTRACTS		
	June 2018	August 2018
1 Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (696,836.55)
2 Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ (472,232.91)	
3 Prior NYPA R&D reconciliation calculated for June 2018 Billing	\$ (132,444.33)	
4 Intended Billing (Line 2 + Line 3)	\$ (604,677.24)	
5 NYPA Benefit (R&D Contracts) Billed Revenue	\$ (417,766.48)	
6 Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ (186,910.76)
7 NYPA Benefit (R&D Contracts) for August 2018 Billing (Line 1 + Line 6)		\$ (883,747.31)
Rate Calculation		Billing Month August 2018
8 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,038,570,527
9 NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000851)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		
	June 2018	August 2018
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 June 2018 Billing	\$ 7,569.23	
13 Intended Billing (Line 11 + Line 12)	\$ (753,997.43)	
14 NYPA Benefit (RCD) Billed Revenue	\$ (728,533.82)	
15 Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (25,463.61)
16 Actual RAD payment Booked	\$ (276,933.33)	
17 NYPA Benefit (RAD) Billed Revenue	\$ (292,863.12)	
18 Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 15,929.79
19 NYPA Benefit (RCD) for August 2018 Billing (Line 10 + Line 15+ Line 18)		\$ (771,100.49)
Rate Calculation		Billing Month August 2018
20 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,038,570,527
21 NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000742)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		
		August 2018
22 NYPA RAD Payment for upcoming billing month		\$ (276,933.33)
	#	
Rate Calculation		Billing Month August 2018
23 Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)		11,267,141
24 NYPA Benefit (RAD) rate (Line 22/ Line 23)		\$ (0.024579)

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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
August 2018

1	Beginning Balance Deferred	\$	1,500,000.00	\$	1,300,000.00	
			Total Customer Reconciliations		Zone A-E Mass Market	Zone F Mass Market
						Unhedged
2	NHA	\$	(4,630,676.96)	\$	(3,366,013.98)	\$ (1,264,662.98)
3	MMA	\$	2,321,605.61	\$	1,587,735.04	\$ 733,870.57
4	SSA	\$	10,211,293.51	\$	4,858,471.25	\$ 2,480,482.56
5	Balance of ESRM	\$	294,567.83	\$	140,153.58	\$ 71,555.12
6	Total Reconciliations Available	\$	8,196,789.98	\$	4,720,345.89	\$ 3,321,245.27
7	Flex Account Adjustment			\$	1,500,000.00	\$ 1,300,000.00
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	4,720,345.89	\$ 3,321,245.27
9	Ending Balance Deferred	\$	-	\$	-	
10	Forecast Sales				574,741,262	293,432,976
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$		\$	0.002610	0.004430