

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 29, 2018

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 82
Attachment 1
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"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month July 2018	
1	Rule 46.3.3.1 Actual Electricity Supply Costs					\$ 69,742,864.35	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment:							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 1,244,209.170	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ (589,067.01)	
5	Actual OMVC of New Hedges					\$ (4,533,494.63)	
6	Subtotal					\$ (3,878,352.47)	
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 73,621,216.82	
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 61,279,133.66	
9	Balance of the ESRM (Line 7 minus Line 8)					\$ 12,342,083.16	
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)	0.05333	0.05643	221,617,452	\$ 687,014.10	
11		B - Genesee (29)	0.04530	0.04837	66,322,862	\$ 203,611.19	
12		C - Central (2)	0.04642	0.04982	176,304,684	\$ 599,435.93	
13		D - North (31)	0.03999	0.04513	12,107,350	\$ 62,231.78	
14		E - Mohawk V (3)	0.04640	0.04975	122,099,443	\$ 409,033.13	
15		F - Capital (4)	0.04764	0.05125	308,849,569	\$ 1,114,946.94	
16	S.C. No. 2ND	A - West (1)	0.05717	0.06148	7,988,018	\$ 34,428.36	
17		B - Genesee (29)	0.04792	0.05129	2,187,096	\$ 7,370.51	
18		C - Central (2)	0.04908	0.05294	6,249,935	\$ 24,124.75	
19		D - North (31)	0.04231	0.04779	550,915	\$ 3,019.01	
20		E - Mohawk V (3)	0.04901	0.05272	5,306,567	\$ 19,687.36	
21		F - Capital (4)	0.04996	0.05416	12,447,329	\$ 52,278.78	
22	Sum Lines 10 through Line 21					\$ 3,217,181.85	
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)					\$ 9,124,901.31	
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for July 2018 Billing					\$ 12,081,630.83	
25	'Balance of the ESRM' Billed in July 2018					\$ 13,504,166.18	
26	Balance of the ESRM Sales Reconciliation for September 2018 billing (Line 24 minus Line 25)					\$ (1,422,535.35)	
Rate Calculations							
Billing Month September 2018							
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)					0.008070	
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)					(0.001258)	
Balance of the ESRM Rates (\$/kWh)							
30	Unhedged & MHP customers (Line 28 + Line 29)					0.006812	
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)	176,779,781	0.003886	0.008070	(0.001258)	0.010698
32		B - Genesee (29)	57,234,166	0.003558	0.008070	(0.001258)	0.010370
33		C - Central (2)	151,459,951	0.003958	0.008070	(0.001258)	0.010770
34		D - North (31)	12,630,925	0.004927	0.008070	(0.001258)	0.011739
35		E - Mohawk V (3)	112,028,899	0.003651	0.008070	(0.001258)	0.010463
36		F - Capital (4)	258,509,124	0.004313	0.008070	(0.001258)	0.011125
37	S.C. No. 2ND	A - West (1)	7,711,827	0.004464	0.008070	(0.001258)	0.011276
38		B - Genesee (29)	2,208,881	0.003337	0.008070	(0.001258)	0.010149
39		C - Central (2)	6,291,687	0.003834	0.008070	(0.001258)	0.010646
40		D - North (31)	606,832	0.004975	0.008070	(0.001258)	0.011787
41		E - Mohawk V (3)	5,192,859	0.003791	0.008070	(0.001258)	0.010603
42		F - Capital (4)	12,369,733	0.004226	0.008070	(0.001258)	0.011038
			803,024,665				

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New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	July 2018	September 2018
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (943,870.73)
2 Actual Net Market Value (OMVC) of New Hedges	\$ (5,459,952.73)	
3 Prior New Hedge Adjustment reconciliation calculated for July 2018 Billing	\$ (2,964,944.28)	
4 Prior Supply Reconciliation Balance reconciliation calculated for July 2018 Billing	\$ -	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (8,424,897.01)	
6 New Hedge Adjustment Billed Revenue	\$ (8,153,706.73)	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ (271,190.28)
8 New Hedge Adjustment for September 2018 Billing (Line 1 + Line 7)		\$ (1,215,061.01)
Rate Calculation		Billing Month September 2018
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		532,145,808
10 New Hedge Adjustment (Line 8/ Line 9)		\$ (0.002283)

Portfolio Zone F

	July 2018	September 2018
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 1,129,324.33
12 Actual Net Market Value (OMVC) of New Hedges	\$ 926,458.10	
13 Prior New Hedge Adjustment reconciliation calculated for July 2018 Billing	\$ (394,347.35)	
14 Prior Supply Reconciliation Balance reconciliation calculated for July 2018 Billing	\$ (1,300,000.00)	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (767,889.25)	
16 New Hedge Adjustment Billed Revenue	\$ 28,785.47	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (796,674.72)
18 New Hedge Adjustment for September 2018 Billing (Line 11 + Line 17)		\$ 332,649.61
Rate Calculation		Billing Month September 2018
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		270,878,857
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.001228

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

		<u>July 2018</u>	<u>September 2018</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,257,098.67
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 1,244,209.17	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for July 2018 Billing	<u>\$ 1,658,045.40</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 2,902,254.57</u>	
7	Legacy Transition Charge Billed Revenue	\$ 5,300,252.40	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (2,397,997.83)</u>
9	Legacy Transition Charge for September 2018 Billing (Line 1 + Line 2 + Line 8)		\$ (140,899.16)
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>September 2018</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,555,319,066
11	Legacy Transition Charge (Line 9/ Line 10)		\$ (0.000055)

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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-16	\$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	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	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	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	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	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	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	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	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	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	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

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

NYPA R&D CONTRACTS		July 2018	September 2018
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (489,829.35)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ (589,067.01)	
3	Prior NYPA R&D reconciliation calculated for July 2018 Billing	\$ (80,807.80)	
4	Intended Billing (Line 2 + Line 3)	\$ (669,874.81)	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (949,585.54)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 279,710.73
7	NYPA Benefit (R&D Contracts) for September 2018 Billing (Line 1 + Line 6)		\$ (210,118.62)
Rate Calculation			Billing Month September 2018
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		958,630,092
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000219)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		July 2018	September 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 July 2018 Billing	\$ (2,088.25)	
13	Intended Billing (Line 11 + Line 12)	\$ (763,654.92)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (861,366.41)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ 97,711.49
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (310,109.82)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ 33,176.49
19	NYPA Benefit (RCD) for September 2018 Billing (Line 10 + Line 15+ Line 18)		\$ (630,678.69)
Rate Calculation			Billing Month September 2018
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		958,630,092
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000658)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		September 2018
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
Rate Calculation		Billing Month September 2018
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	10,485,948
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.026410)

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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
September 2018

1	<u>Beginning Balance Deferred</u>	\$	-	\$	-	
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	
2	NHA	\$ (1,067,865.00)	\$ (271,190.28)	\$ (796,674.72)		
3	MMA	\$ 3,217,181.85	\$ 2,049,956.12	\$ 1,167,225.73		
4	SSA	\$ 9,124,901.31	\$ 4,294,228.21	\$ 2,185,896.44	\$ 2,644,776.66	
5	Balance of ESRM	\$ (1,422,535.35)	\$ (669,452.88)	\$ (340,772.45)	\$ (412,310.02)	
6	Total Reconciliations Available	\$ 9,851,682.81	\$ 5,403,541.17	\$ 2,215,675.00	\$ 2,232,466.63	
7	Flex Account Adjustment		\$ -	\$ -		
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 5,403,541.17	\$ 2,215,675.00	\$ 2,232,466.63	
9	<u>Ending Balance Deferred</u>	\$	-	\$	-	
10	Forecast Sales		532,145,808	270,878,857		
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-	