

NIAGARA MOHAWK POWER CORPORATION  
INITIAL EFFECTIVE DATE: APRIL 30, 2018

STATEMENT TYPE: SC  
WORKPAPER FOR STATEMENT NO. 78  
Attachment 1  
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**"Balance of the ESRM"**  
**Rule 46.3.2 and Rule 46.3.3**

Dollar Reconciliations					Cost Month March 2018		
1	Rule 46.3.3.1 Actual Electricity Supply Costs				\$	49,391,590.92	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)				\$	7,516,553.130	
3	Actual OMVC of Nine Mile 2 RSA Agreement				\$	-	
4	Actual OMVC of NYPA R&D Contracts				\$	315,243.31	
5	Actual OMVC of New Hedges				\$	9,046,495.01	
6	Subtotal				\$	16,878,291.45	
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)				\$	32,513,299.47	
8	Rule 46.1 ESCost Revenue from All Commodity Customers				\$	35,620,608.63	
9	Balance of the ESRM (Line 7 minus Line 8)				\$	(3,107,309.16)	
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)	0.02949	0.02704	173,488,119	\$ (425,045.89)	
11		B - Genesee (29)	0.02762	0.02637	58,714,614	\$ (73,393.27)	
12		C - Central (2)	0.02869	0.02728	147,406,081	\$ (207,842.57)	
13		D - North (31)	0.02407	0.02410	13,908,666	\$ 417.26	
14		E - Mohawk V (3)	0.02885	0.02727	116,295,689	\$ (183,747.19)	
15		F - Capital (4)	0.03884	0.03252	260,253,584	\$ (1,644,802.65)	
16	S.C. No. 2ND	A - West (1)	0.03012	0.02719	8,112,496	\$ (23,769.61)	
17		B - Genesee (29)	0.02816	0.02646	2,282,828	\$ (3,880.81)	
18		C - Central (2)	0.02926	0.02738	6,618,361	\$ (12,442.52)	
19		D - North (31)	0.02452	0.02407	790,446	\$ (355.70)	
20		E - Mohawk V (3)	0.02941	0.02735	5,589,267	\$ (11,513.89)	
21		F - Capital (4)	0.03938	0.03264	13,208,676	\$ (89,026.48)	
22	Sum Lines 10 through Line 21				\$	(2,675,403.32)	
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)				\$	(431,905.84)	
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for March 2018 Billing				\$	43,881,357.62	
25	'Balance of the ESRM' Billed in March 2018				\$	42,524,770.61	
26	Balance of the ESRM Sales Reconciliation for May 2018 billing (Line 24 minus Line 25)				\$	1,356,587.01	
Rate Calculations						Billing Month May 2018	
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)					(0.000437)	
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)					0.001372	
Balance of the ESRM Rates (\$/kWh)							
30	Unhedged & MHP customers (Line 28 + Line 29)					0.000935	
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)	150,342,980	(0.002827)	(0.000437)	0.001372	(0.001892)
32		B - Genesee (29)	48,527,205	(0.001512)	(0.000437)	0.001372	(0.000577)
33		C - Central (2)	129,512,149	(0.001605)	(0.000437)	0.001372	(0.000670)
34		D - North (31)	10,910,873	0.000038	(0.000437)	0.001372	0.000973
35		E - Mohawk V (3)	96,216,817	(0.001910)	(0.000437)	0.001372	(0.000975)
36		F - Capital (4)	222,504,979	(0.007392)	(0.000437)	0.001372	(0.006457)
37	S.C. No. 2ND	A - West (1)	6,557,114	(0.003625)	(0.000437)	0.001372	(0.002690)
38		B - Genesee (29)	1,910,470	(0.002031)	(0.000437)	0.001372	(0.001096)
39		C - Central (2)	5,401,165	(0.002304)	(0.000437)	0.001372	(0.001369)
40		D - North (31)	533,531	(0.000667)	(0.000437)	0.001372	0.000268
41		E - Mohawk V (3)	4,430,543	(0.002599)	(0.000437)	0.001372	(0.001664)
42		F - Capital (4)	10,642,459	(0.008365)	(0.000437)	0.001372	(0.007430)
			687,490,286				

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**New Hedge Adjustment**  
**Rule 46.3.1**

**Portfolio Zones A-E**

	<b>March 2018</b>	<b>May 2018</b>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 2,664,816.64
2 Actual Net Market Value (OMVC) of New Hedges	\$ 5,491,208.63	
3 Prior New Hedge Adjustment reconciliation calculated for March 2018 Billing	\$ (16,180,273.01)	
4 Prior Supply Reconciliation Balance reconciliation calculated for March 2018 Billing	\$ -	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ (10,689,064.38)	
6 New Hedge Adjustment Billed Revenue	\$ (11,290,735.57)	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 601,671.19
8 New Hedge Adjustment for May 2018 Billing (Line 1 + Line 7)		\$ 3,266,487.83
<b>Rate Calculation</b>		<b>Billing Month May 2018</b>
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		454,342,847
10 <b>New Hedge Adjustment</b> (Line 8/ Line 9)		<b>\$ 0.007189</b>

**Portfolio Zone F**

	<b>March 2018</b>	<b>May 2018</b>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 2,344,062.56
12 Actual Net Market Value (OMVC) of New Hedges	\$ 3,555,286.38	
13 Prior New Hedge Adjustment reconciliation calculated for March 2018 Billing	\$ (10,101,840.11)	
14 Prior Supply Reconciliation Balance reconciliation calculated for March 2018 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ (6,546,553.73)	
16 New Hedge Adjustment Billed Revenue	\$ (7,664,186.74)	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 1,117,633.01
18 New Hedge Adjustment for May 2018 Billing (Line 11 + Line 17)		\$ 3,461,695.57
<b>Rate Calculation</b>		<b>Billing Month May 2018</b>
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		233,147,439
20 <b>New Hedge Adjustment</b> (Line 18/ Line 19)		<b>\$ 0.014848</b>

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

		<u>March 2018</u>	<u>May 2018</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 6,555,439.46
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 7,516,553.13	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for March 2018 Billing	<u>\$ (3,817,528.32)</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	\$ 3,699,024.81	
7	Legacy Transition Charge Billed Revenue	\$ 2,390,589.25	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 1,308,435.56</u>
9	Legacy Transition Charge for May 2018 Billing (Line 1 + Line 2 + Line 8)		\$ 7,863,875.02
			<b>Billing Month</b>
	<b><u>Rate Calculation</u></b>		<b><u>May 2018</u></b>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,298,165,666
11	<b>Legacy Transition Charge (Line 9/ Line 10)</b>		<b>\$ 0.003422</b>

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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)	
Apr-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	March 2016
May-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	April 2016
Jun-16	\$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	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	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	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

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

<b>NYPA R&amp;D CONTRACTS</b>		<b>March 2018</b>	<b>May 2018</b>
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (68,437.19)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 315,243.31	
3	Prior NYPA R&D reconciliation calculated for March 2018 Billing	\$ (682,613.44)	
4	Intended Billing (Line 2 + Line 3)	\$ (367,370.13)	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (368,334.65)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 964.52
7	NYPA Benefit (R&D Contracts) for May 2018 Billing (Line 1 + Line 6)		\$ (67,472.67)
<b>Rate Calculation</b>			<b>Billing Month May 2018</b>
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		819,623,440
9	<b>NYPA Benefit (R&amp;D Contracts) rate</b> (Line 7/ Line 8)		<b>\$ (0.000082)</b>

<b>RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT</b>		<b>March 2018</b>	<b>May 2018</b>
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 March 2018 Billing	\$ 101,799.75	
13	Intended Billing (Line 11 + Line 12)	\$ (659,766.92)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (634,451.89)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (25,315.03)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (268,907.99)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (8,025.34)
19	NYPA Benefit (RCD) for May 2018 Billing (Line 10 + Line 15+ Line 18)		\$ (794,907.03)
<b>Rate Calculation</b>			<b>Billing Month May 2018</b>
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		819,623,440
21	<b>NYPA Benefit (RCD) rate</b> (Line 19/ Line 20)		<b>\$ (0.000970)</b>

<b>RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT</b>		<b>May 2018</b>
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
<b>Rate Calculation</b>		<b>Billing Month May 2018</b>
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	7,798,319
24	<b>NYPA Benefit (RAD) rate</b> (Line 22/ Line 23)	<b>\$ (0.035512)</b>

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**Supply Reconciliation Balance**  
**Rule 46.3.4**

**FOR THE BILLING MONTH OF**  
**May 2018**

1	Beginning Balance Deferred	\$	(4,000,000.00)	\$	(4,000,000.00)	
			Total Customer Reconciliations		Zone A-E Mass Market	Zone F Mass Market
						Unhedged
2	NHA	\$	1,719,304.20	\$	601,671.19	\$ 1,117,633.01
3	MMA	\$	(2,675,403.32)	\$	(941,574.19)	\$ (1,733,829.13)
4	SSA	\$	(431,905.84)	\$	(198,427.44)	\$ (101,823.66)
5	Balance of ESRM	\$	1,356,587.01	\$	623,247.17	\$ 319,821.21
6	Total Reconciliations Available	\$	(31,417.95)	\$	(3,915,083.28)	\$ (4,398,198.56)
7	Flex Account Adjustment			\$	(4,000,000.00)	\$ (3,000,000.00)
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	(3,915,083.28)	\$ (3,398,198.56)
9	Ending Balance Deferred	\$	-	\$	(1,000,000.00)	
10	Forecast Sales				454,342,847	233,147,439
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$		\$	(0.008804)	(0.012867)