

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 31, 2015

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 45
Attachment 1
Page 1 of 6

"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month July 2015
1	Rule 46.3.3.1 Actual Electricity Supply Costs					\$ 69,535,470.88
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments						
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 5,428,090.960
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -
4	Actual OMVC of NYPA R&D Contracts					\$ (368,089.10)
5	Actual OMVC of New Hedges					\$ 11,811,325.94
6	Subtotal					\$ 16,871,327.80
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 52,664,143.08
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 48,856,938.88
9	Balance of the ESRM (Line 7 minus Line 8)					\$ 3,807,204.20
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)	0.05127	0.05190	165,477,942	\$ 104,251.10
11		B - Genesee (29)	0.04571	0.04486	51,388,546	\$ (43,680.26)
12		C - Central (2)	0.04716	0.04647	142,401,489	\$ (98,257.03)
13		D - North (31)	0.04345	0.04360	10,574,721	\$ 1,586.21
14		E - Mohawk V (3)	0.04819	0.04637	98,286,184	\$ (178,880.85)
15		F - Capital (4)	0.04958	0.04757	241,622,087	\$ (485,660.39)
16	S.C. No. 2ND	A - West (1)	0.05752	0.05628	6,639,423	\$ (8,232.88)
17		B - Genesee (29)	0.05140	0.04815	1,841,696	\$ (5,985.51)
18		C - Central (2)	0.05294	0.04997	5,477,311	\$ (16,267.61)
19		D - North (31)	0.04901	0.04689	452,886	\$ (960.12)
20		E - Mohawk V (3)	0.05407	0.04981	4,256,088	\$ (18,130.93)
21		F - Capital (4)	0.05524	0.05101	11,490,767	\$ (48,605.94)
22	Sum Lines 10 through Line 21					\$ (798,824.24)
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)					\$ 4,606,028.44
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for July 2015 Billing					\$ (3,892,717.21)
25	'Balance of the ESRM' Billed in July 2015					\$ (4,075,595.06)
26	Balance of the ESRM Sales Reconciliation for September 2015 billing (Line 24 minus Line 25)					\$ 182,877.85

Rate Calculations		Billing Month September 2015
27	Forecast Total Commodity Sales for Billing Month (kWh)	1,122,432,614
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)	0.004104
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)	0.000163
Balance of the ESRM Rates (\$/kWh)		
30	Unhedged & MHP customers (Line 28 + Line 29)	0.004267

Balance of the ESRM Rates SC-1 and SC-2ND Customers(\$/kWh):

			Forecast Commodity	Balance of the			
			Sales for Billing	Mass Market	Supply Service	ESRM	
			Month	Adjustment Factor	Adj Factor	Reconciliation	
						Factor	
						Balance of the ESRM	
						rates (\$/kWh)	
31	S.C. No. 1	A - West (1)	172,285,316	0.000605	0.004104	0.000163	0.004872
32		B - Genesee (29)	53,502,550	(0.000816)	0.004104	0.000163	0.003451
33		C - Central (2)	148,259,552	(0.000663)	0.004104	0.000163	0.003604
34		D - North (31)	11,009,740	0.000144	0.004104	0.000163	0.004411
35		E - Mohawk V (3)	102,329,447	(0.001748)	0.004104	0.000163	0.002519
36		F - Capital (4)	251,561,852	(0.001931)	0.004104	0.000163	0.002336
37	S.C. No. 2ND	A - West (1)	6,832,848	(0.001205)	0.004104	0.000163	0.003062
38		B - Genesee (29)	1,895,350	(0.003158)	0.004104	0.000163	0.001109
39		C - Central (2)	5,636,880	(0.002886)	0.004104	0.000163	0.001381
40		D - North (31)	466,080	(0.002060)	0.004104	0.000163	0.002207
41		E - Mohawk V (3)	4,380,080	(0.004139)	0.004104	0.000163	0.000128
42		F - Capital (4)	11,825,525	(0.004110)	0.004104	0.000163	0.000157
			769,985,218				

New Hedge Adjustment
Rule 46.3.1**Portfolio Zones A-E**

	July 2015	September 2015
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 4,095,688.48
2 Actual Net Market Value (OMVC) of New Hedges	\$ 4,721,576.34	
3 Prior New Hedge Adjustment reconciliation calculated for July 2015 Billing	\$ 1,823,070.26	
4 Prior Supply Reconciliation Balance reconciliation calculated for July 2015 Billing	<u>\$ (4,800,000.00)</u>	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 1,744,646.60	
6 New Hedge Adjustment Billed Revenue	\$ 556,210.84	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		<u>\$ 1,188,435.76</u>
8 New Hedge Adjustment for September 2015 Billing (Line 1 + Line 7)		\$ 5,284,124.24
Rate Calculation		Billing Month September 2015
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		506,597,841
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.010431

Portfolio Zone F

	July 2015	September 2015
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 4,653,593.52
12 Actual Net Market Value (OMVC) of New Hedges	\$ 7,089,749.60	
13 Prior New Hedge Adjustment reconciliation calculated for July 2015 Billing	\$ 2,057,528.60	
14 Prior Supply Reconciliation Balance reconciliation calculated for July 2015 Billing	<u>\$ (2,700,000.00)</u>	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 6,447,278.20	
16 New Hedge Adjustment Billed Revenue	\$ 4,953,710.54	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		<u>\$ 1,493,567.66</u>
18 New Hedge Adjustment for September 2015 Billing (Line 11 + Line 17)		\$ 6,147,161.18
Rate Calculation		Billing Month September 2015
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		263,387,377
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.023339

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

	<u>July 2015</u>	<u>September 2015</u>
1 Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,280,201.06
2 Scheduled Nine Mile 2 RSA Credit		\$ -
3 Actual Net Market Value (OMVC) of Legacy Hedges	\$ 5,428,090.96	
4 Nine Mile 2 RSA Credit	\$ -	
5 Prior LTC reconciliation calculated for July 2015 Billing	<u>\$ (2,807,656.59)</u>	
6 Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 2,620,434.37</u>	
7 Legacy Transition Charge Billed Revenue	\$ 757,366.44	
8 Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 1,863,067.93</u>
9 Legacy Transition Charge for September 2015 Billing (Line 1 + Line 2 + Line 8)		\$ 4,143,268.99
<u>Rate Calculation</u>		<u>Billing Month</u> <u>September 2015</u>
10 Forecast Total Delivery Sales in Billing Month (kWh) *		2,647,494,683
11 Legacy Transition Charge (Line 9/ Line 10)		\$ 0.001565

* exclusive of NYPA Replacement & Expansion Power, High Load Factor Power, Preservation Power, Empire Zone Rider and Excelsior Jobs Program

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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
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
Jan-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Feb-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Mar-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Apr-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
May-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Jun-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Jul-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Aug-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Sep-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Oct-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Nov-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Dec-13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.35%	0.03%	\$0.00	\$0.00
Jan-14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Feb-14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Mar-14	\$0.00	\$8,518,453.44	\$0.00	\$0.00	\$0.00	\$0.00	\$8,518,453.44	\$4,259,226.72	1.25%	0.10%	\$4,411.48	\$8,522,864.92
Apr-14	\$8,522,864.92	\$0.00	(\$4,411.48)	(\$2,839,484.48)	\$0.00	(\$2,843,895.96)	(\$2,843,895.96)	\$7,100,916.94	1.25%	0.10%	\$7,354.75	\$5,686,323.71
May-14	\$5,686,323.71	\$0.00	(\$7,354.75)	(\$2,839,484.48)	\$0.00	(\$2,846,839.23)	(\$2,846,839.23)	\$4,262,904.10	1.25%	0.10%	\$4,415.29	\$2,843,899.77
Jun-14	\$2,843,899.77	\$9,887,451.47	(\$4,415.29)	(\$2,839,484.48)	\$0.00	(\$2,843,899.77)	\$7,043,551.70	\$6,365,675.62	1.25%	0.10%	\$6,593.22	\$9,894,044.69
Jul-14	\$9,894,044.69	\$0.00	(\$6,593.22)	(\$3,295,817.16)	\$0.00	(\$3,302,410.38)	(\$3,302,410.38)	\$8,242,839.50	1.25%	0.10%	\$8,537.49	\$6,600,171.80
Aug-14	\$6,600,171.80	\$0.00	(\$8,537.49)	(\$3,295,817.16)	\$0.00	(\$3,304,354.65)	(\$3,304,354.65)	\$4,947,994.48	1.25%	0.10%	\$5,124.87	\$3,300,942.02
Sep-14	\$3,300,942.02	\$0.00	(\$5,124.86)	(\$3,295,817.16)	\$0.00	(\$3,300,942.02)	(\$3,300,942.02)	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Oct-14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Nov-14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Dec-14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	1.25%	0.10%	\$0.00	\$0.00
Jan-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Feb-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Mar-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Apr-15	\$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-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Jun-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Jul-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Aug-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Sep-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Oct-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Nov-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00
Dec-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	0.00%	\$0.00	\$0.00

* If an RSA Collection is received during the billing month, it will be recorded on Attachment 1 of the next billing month's workpapers, which will revise the interest calculation.

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

NYPA R&D CONTRACTS		
	<u>July 2015</u>	<u>September 2015</u>
1 Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (491,593.06)
2 Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ (368,089.10)	
3 Prior NYPA R&D reconciliation calculated for July 2015 Billing	<u>\$ 128,241.84</u>	
4 Intended Billing (Line 2 + Line 3)	<u>\$ (239,847.26)</u>	
5 NYPA Benefit (R&D Contracts) Billed Revenue	\$ (668,819.81)	
6 Reconciliation of Billed Revenue (Line 4 - Line 5)		<u>\$ 428,972.55</u>
7 NYPA Benefit (R&D Contracts) for September 2015 Billing (Line 1 + Line 6)		\$ (62,620.51)
Rate Calculation		Billing Month September 2015
8 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		996,601,114
9 NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000063)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		
	<u>July 2015</u>	<u>September 2015</u>
10 RCD Payment for upcoming billing month		\$ (1,453,900.00)
11 Actual RCD Payment Booked	\$ (2,146,233.33)	
12 Prior RCD Payment reconciliation calculated for July 2015 Billing	<u>\$ (130,899.11)</u>	
13 Intended Billing (Line 11 + Line 12)	<u>\$ (2,277,132.44)</u>	
14 NYPA Benefit (RCD) Billed Revenue	\$ (2,147,933.74)	
15 Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		<u>\$ (129,198.70)</u>
16 Actual RAD payment Booked	\$ (276,933.33)	
17 NYPA Benefit (RAD) Billed Revenue	<u>\$ (233,997.17)</u>	
18 Reconciliation of Billed Revenue (Line 16 - Line 17)		<u>\$ (42,936.16)</u>
19 NYPA Benefit (RCD) for September 2015 Billing (Line 10 + Line 15+ Line 18)		\$ (1,626,034.86)
Rate Calculation		Billing Month September 2015
20 Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		996,601,114
21 NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.001632)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		
		<u>September 2015</u>
22 NYPA RAD Payment for upcoming billing month		\$ (276,933.33)
Rate Calculation		Billing Month September 2015
23 Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)		3,855,897
24 NYPA Benefit (RAD) rate (Line 22/ Line 23)		\$ (0.071821)

NIAGARA MOHAWK POWER CORPORATION
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Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
September 2015

1	<u>Beginning Balance Deferred</u>	\$	-	\$	-	
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	
2	NHA	\$ 2,682,003.42	\$ 1,188,435.76	\$ 1,493,567.66		
3	MMA	\$ (798,824.24)	\$ (264,557.90)	\$ (534,266.34)		
4	SSA	\$ 4,606,028.44	\$ 2,078,881.20	\$ 1,080,839.72	\$ 1,446,307.52	
5	Balance of ESRM	\$ 182,877.85	\$ 82,539.94	\$ 42,913.68	\$ 57,424.22	
6	Total Reconciliations Available	\$ 6,672,085.47	\$ 3,085,299.01	\$ 2,083,054.72	\$ 1,503,731.74	
7	Flex Account Adjustment		\$ -	\$ -		
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 3,085,299.01	\$ 2,083,054.72	\$ 1,503,731.74	
9	<u>Ending Balance Deferred</u>	\$	-	\$	-	
10	Forecast Sales		506,597,841	263,387,377		
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-	