

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2017

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 69
Attachment 1
Page 1 of 6

"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations					Cost Month July 2017	
1	Rule 46.3.3.1 Actual Electricity Supply Costs				\$	67,919,705.69
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustment						
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)				\$	7,655,931.140
3	Actual OMVC of Nine Mile 2 RSA Agreement				\$	-
4	Actual OMVC of NYPA R&D Contracts				\$	(126,112.98)
5	Actual OMVC of New Hedges				\$	9,624,181.88
6	Subtotal				\$	17,154,000.04
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)				\$	50,765,705.65
8	Rule 46.1 ESCost Revenue from All Commodity Customers				\$	49,525,181.13
9	Balance of the ESRM (Line 7 minus Line 8)				\$	1,240,524.52
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)	0.04651	0.05262	189,402,850	\$ 1,157,251.41
11		B - Genesee (29)	0.03978	0.04404	55,404,035	\$ 236,021.19
12		C - Central (2)	0.04073	0.04517	156,656,063	\$ 695,552.92
13		D - North (31)	0.03624	0.04137	11,311,648	\$ 58,028.75
14		E - Mohawk V (3)	0.04085	0.04481	109,013,358	\$ 431,692.90
15		F - Capital (4)	0.04579	0.04698	279,568,824	\$ 332,686.90
16	S.C. No. 2ND	A - West (1)	0.05132	0.05865	7,400,402	\$ 54,244.95
17		B - Genesee (29)	0.04355	0.04802	1,954,168	\$ 8,735.13
18		C - Central (2)	0.04456	0.04931	5,784,749	\$ 27,477.56
19		D - North (31)	0.03976	0.04525	503,136	\$ 2,762.22
20		E - Mohawk V (3)	0.04464	0.04880	5,029,913	\$ 20,924.44
21		F - Capital (4)	0.04940	0.05086	11,310,607	\$ 16,513.49
22	Sum Lines 10 through Line 21				\$	3,041,891.85
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)				\$	(1,801,367.33)
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for July 2017 Billing				\$	1,483,120.24
25	'Balance of the ESRM' Billed in July 2017				\$	1,322,266.93
26	Balance of the ESRM Sales Reconciliation for September 2017 billing (Line 24 minus Line 25)				\$	160,853.31
Rate Calculations					Billing Month September 2017	
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)				(0.001594)	
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)				0.000142	
Balance of the ESRM Rates (\$/kWh)						
30	Unhedged & MHP customers (Line 28 + Line 29)				(0.001452)	
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
31	S.C. No. 1	A - West (1)	176,127,686	0.006571	(0.001594)	0.000142
32		B - Genesee (29)	56,038,671	0.004212	(0.001594)	0.000142
33		C - Central (2)	149,951,414	0.004639	(0.001594)	0.000142
34		D - North (31)	12,418,703	0.004673	(0.001594)	0.000142
35		E - Mohawk V (3)	110,279,778	0.003915	(0.001594)	0.000142
36		F - Capital (4)	256,299,949	0.001298	(0.001594)	0.000142
37	S.C. No. 2ND	A - West (1)	7,502,828	0.007230	(0.001594)	0.000142
38		B - Genesee (29)	2,161,442	0.004041	(0.001594)	0.000142
39		C - Central (2)	6,160,832	0.004460	(0.001594)	0.000142
40		D - North (31)	555,734	0.004970	(0.001594)	0.000142
41		E - Mohawk V (3)	4,980,435	0.004201	(0.001594)	0.000142
42		F - Capital (4)	11,710,966	0.001410	(0.001594)	0.000142
			794,188,440			

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2017

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 69
Attachment 1
Page 2 of 6

New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	July 2017	September 2017
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 5,756,182.60
2 Actual Net Market Value (OMVC) of New Hedges	\$ 3,719,245.53	
3 Prior New Hedge Adjustment reconciliation calculated for July 2017 Billing	\$ 686,286.86	
4 Prior Supply Reconciliation Balance reconciliation calculated for July 2017 Billing	\$ -	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 4,405,532.39	
6 New Hedge Adjustment Billed Revenue	\$ 3,967,488.96	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 438,043.43
8 New Hedge Adjustment for September 2017 Billing (Line 1 + Line 7)		\$ 6,194,226.03
Rate Calculation		Billing Month September 2017
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		526,177,524
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.011772

Portfolio Zone F

	July 2017	September 2017
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 4,404,171.40
12 Actual Net Market Value (OMVC) of New Hedges	\$ 5,904,936.35	
13 Prior New Hedge Adjustment reconciliation calculated for July 2017 Billing	\$ 842,770.73	
14 Prior Supply Reconciliation Balance reconciliation calculated for July 2017 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 6,747,707.08	
16 New Hedge Adjustment Billed Revenue	\$ 5,639,673.81	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ 1,108,033.27
18 New Hedge Adjustment for September 2017 Billing (Line 11 + Line 17)		\$ 5,512,204.67
Rate Calculation		Billing Month September 2017
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		268,010,916
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.020567

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NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2017

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 69
Attachment 1
Page 3 of 6

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

		<u>July 2017</u>	<u>September 2017</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 2,884,398.80
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 7,655,931.14	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for July 2017 Billing	<u>\$ 1,938,616.28</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 9,594,547.42</u>	
7	Legacy Transition Charge Billed Revenue	\$ 5,615,116.47	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ 3,979,430.95</u>
9	Legacy Transition Charge for September 2017 Billing (Line 1 + Line 2 + Line 8)		\$ 6,863,829.75
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>September 2017</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,584,824,888
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.002655

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 (A)	* RSA Collection from Constellation (B)	Credit of Prior Month Interest (C)	Credit One-Third RSA Collection (D)	Interest Credited In Advance (E)	TOTAL RSA CREDIT (F)	Monthly Activity (G)	Balance for Interest Calc (H)	Customer Deposit Rate (Annual) (I)	Customer Deposit Rate (Monthly) (J)	Current Month Earned Interest (K)	Ending Balance (L)	Month Payment is Received
Jul-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	June 2015
Aug-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	July 2015
Sep-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	August 2015
Oct-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	September 2015
Nov-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	October 2015
Dec-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	November 2015
Jan-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	December 2015
Feb-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	January 2016
Mar-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00	February 2016
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

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2017

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 69
Attachment 1
Page 5 of 6

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

NYPA R&D CONTRACTS		July 2017	September 2017
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (149,124.24)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ (126,112.98)	
3	Prior NYPA R&D reconciliation calculated for July 2017 Billing	\$ 320,736.10	
4	Intended Billing (Line 2 + Line 3)	\$ 194,623.12	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (244,789.36)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 439,412.48
7	NYPA Benefit (R&D Contracts) for September 2017 Billing (Line 1 + Line 6)		\$ 290,288.24
Rate Calculation			Billing Month September 2017
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		968,552,613
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000300

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		July 2017	September 2017
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 2017 Billing	\$ (30,123.28)	
13	Intended Billing (Line 11 + Line 12)	\$ (791,689.95)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (774,904.68)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (16,785.27)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (246,067.28)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (30,866.05)
19	NYPA Benefit (RCD) for September 2017 Billing (Line 10 + Line 15+ Line 18)		\$ (809,217.99)
Rate Calculation			Billing Month September 2017
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		968,552,613
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000835)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		September 2017
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
Rate Calculation		Billing Month September 2017
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	10,390,834
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.026652)

NIAGARA MOHAWK POWER CORPORATION
INITIAL EFFECTIVE DATE: AUGUST 30, 2017

STATEMENT TYPE: SC
WORKPAPER FOR STATEMENT NO. 69
Attachment 1
Page 6 of 6

Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
September 2017

1	<u>Beginning Balance Deferred</u>	\$	-	\$	-	
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	
2	NHA	\$ 1,546,076.70	\$ 438,043.43	\$ 1,108,033.27		
3	MMA	\$ 3,041,891.85	\$ 2,692,691.46	\$ 349,200.39		
4	SSA	\$ (1,801,367.33)	\$ (838,776.90)	\$ (427,234.83)	\$ (535,355.60)	
5	Balance of ESRM	\$ 160,853.31	\$ 74,898.68	\$ 38,149.98	\$ 47,804.64	
6	Total Reconciliations Available	\$ 2,947,454.52	\$ 2,366,856.67	\$ 1,068,148.81	\$ (487,550.96)	
7	Flex Account Adjustment		\$ -	\$ -		
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ 2,366,856.67	\$ 1,068,148.81	\$ (487,550.96)	
9	<u>Ending Balance Deferred</u>	\$	-	\$	-	
10	Forecast Sales		526,177,524	268,010,916		
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	-	\$	-	