

"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations						Cost Month September 2016	
1	Rule 46.3.3.1 Actual Electricity Supply Costs					\$ 52,685,821.89	
Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments							
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)					\$ 1,486,687.600	
3	Actual OMVC of Nine Mile 2 RSA Agreement					\$ -	
4	Actual OMVC of NYPA R&D Contracts					\$ (329,963.20)	
5	Actual OMVC of New Hedges					\$ 7,936,518.75	
6	Subtotal					\$ 9,093,243.15	
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)					\$ 43,592,578.74	
8	Rule 46.1 ESCost Revenue from All Commodity Customers					\$ 53,138,227.78	
9	Balance of the ESRM (Line 7 minus Line 8)					\$ (9,545,649.04)	
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)	0.04490	0.04425	209,550,174	\$ (136,207.61)	
11		B - Genesee (29)	0.03888	0.04081	62,254,631	\$ 120,151.44	
12		C - Central (2)	0.03999	0.04123	183,752,504	\$ 227,853.10	
13		D - North (31)	0.03658	0.03543	11,367,917	\$ (13,073.10)	
14		E - Mohawk V (3)	0.04029	0.04132	114,097,994	\$ 117,520.93	
15		F - Capital (4)	0.04228	0.04397	283,503,286	\$ 479,120.55	
16	S.C. No. 2ND	A - West (1)	0.04875	0.04966	6,886,328	\$ 6,266.56	
17		B - Genesee (29)	0.04205	0.04476	2,093,174	\$ 5,672.50	
18		C - Central (2)	0.04323	0.04522	6,641,731	\$ 13,217.04	
19		D - North (31)	0.03965	0.03897	488,637	\$ (332.27)	
20		E - Mohawk V (3)	0.04352	0.04530	5,046,274	\$ 8,982.37	
21		F - Capital (4)	0.04540	0.04796	11,999,644	\$ 30,719.09	
22	Sum Lines 10 through Line 21					\$ 859,890.60	
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)					\$ (10,405,539.64)	
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for September 2016 Billing					\$ 1,365,604.44	
25	'Balance of the ESRM' Billed in September 2016					\$ 1,776,493.53	
26	Balance of the ESRM Sales Reconciliation for November 2016 billing (Line 24 minus Line 25)					\$ (410,889.09)	
Billing Month November 2016							
Rate Calculations							
27	Forecast Total Commodity Sales for Billing Month (kWh)					961,114,627	
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)					(0.010827)	
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)					(0.000428)	
Balance of the ESRM Rates (\$/kWh)							
30	Unhedged & MHP customers (Line 28 + Line 29)					(0.011255)	
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)	159,669,216	(0.000853)	(0.010827)	(0.000428)	(0.012108)
32		B - Genesee (29)	47,435,647	0.002533	(0.010827)	(0.000428)	(0.008722)
33		C - Central (2)	140,012,378	0.001627	(0.010827)	(0.000428)	(0.009628)
34		D - North (31)	8,661,918	(0.001509)	(0.010827)	(0.000428)	(0.012764)
35		E - Mohawk V (3)	86,938,306	0.001352	(0.010827)	(0.000428)	(0.009903)
36		F - Capital (4)	216,018,658	0.002218	(0.010827)	(0.000428)	(0.009037)
37	S.C. No. 2ND	A - West (1)	5,836,170	0.001074	(0.010827)	(0.000428)	(0.010181)
38		B - Genesee (29)	1,773,967	0.003198	(0.010827)	(0.000428)	(0.008057)
39		C - Central (2)	5,628,874	0.002348	(0.010827)	(0.000428)	(0.008907)
40		D - North (31)	414,120	(0.000802)	(0.010827)	(0.000428)	(0.012057)
41		E - Mohawk V (3)	4,276,722	0.002100	(0.010827)	(0.000428)	(0.009155)
42		F - Capital (4)	10,169,710	0.003021	(0.010827)	(0.000428)	(0.008234)
			686,835,687				

New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	<u>September 2016</u>	<u>November 2016</u>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ 5,269,869.35
2 Actual Net Market Value (OMVC) of New Hedges	\$ 3,936,564.32	
3 Prior New Hedge Adjustment reconciliation calculated for September 2016 Billing	\$ (527,966.78)	
4 Prior Supply Reconciliation Balance reconciliation calculated for September 2016 Billing	\$ -	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 3,408,597.54	
6 New Hedge Adjustment Billed Revenue	\$ 2,938,355.26	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		\$ 470,242.28
8 New Hedge Adjustment for November 2016 Billing (Line 1 + Line 7)		\$ 5,740,111.63
Rate Calculation		Billing Month November 2016
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		460,647,319
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.012461

Portfolio Zone F

	<u>September 2016</u>	<u>November 2016</u>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ 4,551,124.45
12 Actual Net Market Value (OMVC) of New Hedges	\$ 3,999,954.43	
13 Prior New Hedge Adjustment reconciliation calculated for September 2016 Billing	\$ (335,518.99)	
14 Prior Supply Reconciliation Balance reconciliation calculated for September 2016 Billing	\$ -	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 3,664,435.44	
16 New Hedge Adjustment Billed Revenue	\$ 4,101,473.51	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		\$ (437,038.07)
18 New Hedge Adjustment for November 2016 Billing (Line 11 + Line 17)		\$ 4,114,086.38
Rate Calculation		Billing Month November 2016
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		226,188,368
20 New Hedge Adjustment (Line 18/ Line 19)		\$ 0.018189

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

		<u>September 2016</u>	<u>November 2016</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 6,638,891.51
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 1,486,687.60	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for September 2016 Billing	\$ (1,714,301.66)	
6	Intended Billing (Line 3 + Line 4 + Line 5)	\$ (227,614.06)	
7	Legacy Transition Charge Billed Revenue	\$ 941,581.29	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		\$ (1,169,195.35)
9	Legacy Transition Charge for November 2016 Billing (Line 1 + Line 2 + Line 8)		\$ 5,469,696.16
	<u>Rate Calculation</u>		<u>Billing Month</u> <u>November 2016</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,332,320,878
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.002345

Nine Mile 2 Revenue Sharing Agreement

Rule 46.2.7

Record of Quarterly Payments and Calculation of Interest on Deferred RSA Credits

* Billing Beginning RSA Collection								Customer		Customer		
Month	Balance	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	Deposit Rate (Annual)	Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
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		\$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
Feb-15	\$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
Apr-15	\$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
Jun-15	\$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
Aug-15	\$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
Oct-15	\$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
Dec-15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Jan-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Feb-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Mar-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Apr-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
May-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Jun-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Jul-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Aug-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Sep-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00

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

NYPA R&D CONTRACTS		September 2016	November 2016
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ 186,346.06
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ (329,963.20)	
3	Prior NYPA R&D reconciliation calculated for September 2016 Billing	\$ 421,667.55	
4	Intended Billing (Line 2 + Line 3)	\$ 91,704.35	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ (79,003.73)	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 170,708.08
7	NYPA Benefit (R&D Contracts) for November 2016 Billing (Line 1 + Line 6)		\$ 357,054.14
Rate Calculation			Billing Month November 2016
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		854,572,301
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ 0.000418

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		September 2016	November 2016
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 September 2016 Billing	\$ 43,238.27	
13	Intended Billing (Line 11 + Line 12)	\$ (718,328.40)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (835,935.35)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ 117,606.95
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (245,740.89)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (31,192.44)
19	NYPA Benefit (RCD) for November 2016 Billing (Line 10 + Line 15+ Line 18)		\$ (675,152.15)
Rate Calculation			Billing Month November 2016
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		854,572,301
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000790)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		November 2016
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
Rate Calculation		Billing Month November 2016
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	6,124,516
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.045217)

Supply Reconciliation Balance**Rule 46.3.4****FOR THE BILLING MONTH OF****November 2016**

1	Beginning Balance Deferred	\$	-	\$	-	
		Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged	
2	NHA	\$ 33,204.21	\$ 470,242.28	\$ (437,038.07)		
3	MMA	\$ 859,890.60	\$ 350,050.96	\$ 509,839.64		
4	SSA	\$ (10,405,539.64)	\$ (4,987,213.59)	\$ (2,448,835.93)	\$ (2,969,490.12)	
5	Balance of ESRM	\$ (410,889.09)	\$ (196,932.76)	\$ (96,698.49)	\$ (117,257.84)	
6	Total Reconciliations Available	\$ (9,923,333.93)	\$ (4,363,853.12)	\$ (2,472,732.85)	\$ (3,086,747.96)	
7	Flex Account Adjustment		\$ 3,500,000.00	\$ 2,000,000.00		
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)		\$ (863,853.12)	\$ (472,732.85)	\$ (3,086,747.96)	
9	Ending Balance Deferred	\$	(3,500,000.00)	\$	(2,000,000.00)	
10	Forecast Sales		460,647,319		226,188,368	
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$	0.007598	\$	0.008842	