

"Balance of the ESRM"
Rule 46.3.2 and Rule 46.3.3

Dollar Reconciliations					Cost Month November 2016	
1	Rule 46.3.3.1 Actual Electricity Supply Costs				\$	46,646,086.23
	Actual Net Market Value (OMVC) of Self-Reconciling Mechanisms and Adjustments					
2	Actual OMVC of Legacy Hedges (excluding NYPA R&D Contracts)				\$	3,904,461.000
3	Actual OMVC of Nine Mile 2 RSA Agreement				\$	-
4	Actual OMVC of NYPA R&D Contracts				\$	331,426.48
5	Actual OMVC of New Hedges				\$	10,745,481.00
6	Subtotal				\$	14,981,368.48
7	Actual Market Cost of Electricity Supply (Line 1 minus Line 6)				\$	31,664,717.75
8	Rule 46.1 ESCost Revenue from All Commodity Customers				\$	27,903,391.06
9	Balance of the ESRM (Line 7 minus Line 8)				\$	3,761,326.69
	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)	0.03013	0.02901	144,306,913	\$ (161,623.74)
11		B - Genesee (29)	0.02537	0.02845	47,022,896	\$ 144,830.52
12		C - Central (2)	0.02635	0.02915	125,000,809	\$ 350,002.27
13		D - North (31)	0.02314	0.02743	11,192,654	\$ 48,016.49
14		E - Mohawk V (3)	0.02660	0.02946	95,863,690	\$ 274,170.15
15		F - Capital (4)	0.03132	0.03189	210,842,466	\$ 120,180.21
16	S.C. No. 2ND	A - West (1)	0.03146	0.02950	5,475,628	\$ (10,732.23)
17		B - Genesee (29)	0.02622	0.02883	1,811,291	\$ 4,727.47
18		C - Central (2)	0.02725	0.02954	5,741,554	\$ 13,148.16
19		D - North (31)	0.02391	0.02783	455,916	\$ 1,787.19
20		E - Mohawk V (3)	0.02748	0.02986	4,225,150	\$ 10,055.86
21		F - Capital (4)	0.03209	0.03212	9,775,487	\$ 293.26
22	Sum Lines 10 through Line 21				\$	794,855.60
23	Rule 46.3.3 Supply Service Adjustment (Line 9 minus Line 22)				\$	2,966,471.09
24	'Balance of the ESRM' plus Sales Reconciliation, calculated for November 2016 Billing				\$	(9,956,538.13)
25	'Balance of the ESRM' Billed in November 2016				\$	(9,637,963.48)
26	Balance of the ESRM Sales Reconciliation for January 2017 billing (Line 24 minus Line 25)				\$	(318,574.65)
	Rate Calculations					
27	Forecast Total Commodity Sales for Billing Month (kWh)					1,278,438,209
28	Supply Service Adjustment factor for all Commodity Customers ((Line 23 / Line 27)					0.002320
29	Balance of the ESRM Reconciliation Factor (Line 26/ Line 27)					(0.000249)
	Balance of the ESRM Rates (\$/kWh)					
30	Unhedged & MHP customers (Line 28 + Line 29)					0.002071
	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)	207,141,030	(0.000780)	0.002320	(0.000249)
32		B - Genesee (29)	67,497,606	0.002146	0.002320	(0.000249)
33		C - Central (2)	179,428,662	0.001951	0.002320	(0.000249)
34		D - North (31)	16,066,159	0.002989	0.002320	(0.000249)
35		E - Mohawk V (3)	137,604,658	0.001992	0.002320	(0.000249)
36		F - Capital (4)	302,647,494	0.000397	0.002320	(0.000249)
37	S.C. No. 2ND	A - West (1)	7,152,188	(0.001501)	0.002320	(0.000249)
38		B - Genesee (29)	2,365,883	0.001998	0.002320	(0.000249)
39		C - Central (2)	7,499,537	0.001753	0.002320	(0.000249)
40		D - North (31)	595,511	0.003001	0.002320	(0.000249)
41		E - Mohawk V (3)	5,518,831	0.001822	0.002320	(0.000249)
42		F - Capital (4)	12,768,603	0.000023	0.002320	(0.000249)
			946,286,161			

New Hedge Adjustment
Rule 46.3.1

Portfolio Zones A-E

	<u>November 2016</u>	<u>January 2017</u>
1 Forecast Net Market Value (OMVC) of New Hedges		\$ (939,849.12)
2 Actual Net Market Value (OMVC) of New Hedges	\$ 6,112,595.30	
3 Prior New Hedge Adjustment reconciliation calculated for November 2016 Billing	\$ 470,242.28	
4 Prior Supply Reconciliation Balance reconciliation calculated for November 2016 Billing	<u>\$ 3,500,000.00</u>	
5 Intended Billing (Line 2 + Line 3 + Line 4)	\$ 10,082,837.58	
6 New Hedge Adjustment Billed Revenue	\$ 8,739,802.85	
7 Reconciliation of Billed Revenue (Line 5 - Line 6)		<u>\$ 1,343,034.73</u>
8 New Hedge Adjustment for January 2017 Billing (Line 1 + Line 7)		\$ 403,185.61
<u>Rate Calculation</u>		<u>Billing Month January 2017</u>
9 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		630,870,065
10 New Hedge Adjustment (Line 8/ Line 9)		\$ 0.000639

Portfolio Zone F

	<u>November 2016</u>	<u>January 2017</u>
11 Forecast Net Market Value (OMVC) of New Hedges		\$ (5,616,502.88)
12 Actual Net Market Value (OMVC) of New Hedges	\$ 4,632,885.70	
13 Prior New Hedge Adjustment reconciliation calculated for November 2016 Billing	\$ (437,038.07)	
14 Prior Supply Reconciliation Balance reconciliation calculated for November 2016 Billing	<u>\$ 2,000,000.00</u>	
15 Intended Billing (Line 12 + Line 13 + Line 14)	\$ 6,195,847.63	
16 New Hedge Adjustment Billed Revenue	\$ 6,009,364.37	
17 Reconciliation of Billed Revenue (Line 15 - Line 16)		<u>\$ 186,483.26</u>
18 New Hedge Adjustment for January 2017 Billing (Line 11 + Line 17)		\$ (5,430,019.62)
<u>Rate Calculation</u>		<u>Billing Month January 2017</u>
19 Forecast SC-1 and SC-2ND Commodity Sales in Billing Month (kWh)		315,416,096
20 New Hedge Adjustment (Line 18/ Line 19)		\$ (0.017215)

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

		<u>November 2016</u>	<u>January 2017</u>
1	Forecast Net Market Value (OMVC) of Legacy Hedges		\$ 3,229,181.76
2	Scheduled Nine Mile 2 RSA Credit		\$ -
3	Actual Net Market Value (OMVC) of Legacy Hedges	\$ 3,904,461.00	
4	Nine Mile 2 RSA Credit	\$ -	
5	Prior LTC reconciliation calculated for November 2016 Billing	<u>\$ (1,169,195.35)</u>	
6	Intended Billing (Line 3 + Line 4 + Line 5)	<u>\$ 2,735,265.65</u>	
7	Legacy Transition Charge Billed Revenue	\$ 5,140,887.10	
8	Reconciliation of Billed Revenue (Line 6 - Line 7)		<u>\$ (2,405,621.45)</u>
9	Legacy Transition Charge for January 2017 Billing (Line 1 + Line 2 + Line 8)		\$ 823,560.31
<u>Rate Calculation</u>			<u>Billing Month</u> <u>January 2017</u>
10	Forecast Total Delivery Sales in Billing Month (kWh) *		2,696,279,307
11	Legacy Transition Charge (Line 9/ Line 10)		\$ 0.000305

Nine Mile 2 Revenue Sharing Agreement**Rule 46.2.7****Record of Quarterly Payments and Calculation of Interest on Deferred RSA Credits**

*								Customer		Customer		
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	Deposit Rate (Annual)	Deposit Rate (Monthly)	Current Month Earned Interest	Ending Balance
(A)	(B)		(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
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
Oct-16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00%	\$0.00	\$0.00
Nov-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		November 2016	January 2017
1	Forecast Net Market Value (OMVC) of NYPA R&D Contracts		\$ (215,070.51)
2	Actual Net Market Value (OMVC) of NYPA R&D Contracts	\$ 331,426.48	
3	Prior NYPA R&D reconciliation calculated for November 2016 Billing	\$ 170,708.08	
4	Intended Billing (Line 2 + Line 3)	\$ 502,134.56	
5	NYPA Benefit (R&D Contracts) Billed Revenue	\$ 332,078.93	
6	Reconciliation of Billed Revenue (Line 4 - Line 5)		\$ 170,055.63
7	NYPA Benefit (R&D Contracts) for January 2017 Billing (Line 1 + Line 6)		\$ (45,014.88)
Rate Calculation			Billing Month January 2017
8	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,138,232,748
9	NYPA Benefit (R&D Contracts) rate (Line 7/ Line 8)		\$ (0.000040)

RECHARGE NY RESIDENTIAL CONSUMER DISCOUNT (RCD) PAYMENT		November 2016	January 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 November 2016 Billing	\$ 86,414.51	
13	Intended Billing (Line 11 + Line 12)	\$ (675,152.15)	
14	NYPA Benefit (RCD) Billed Revenue	\$ (637,815.66)	
15	Reconciliation of NYPA RCD Billed Revenue (Line 13 - Line 14)		\$ (37,336.49)
16	Actual RAD payment Booked	\$ (276,933.33)	
17	NYPA Benefit (RAD) Billed Revenue	\$ (262,436.81)	
18	Reconciliation of Billed Revenue (Line 16 - Line 17)		\$ (14,496.52)
19	NYPA Benefit (RCD) for January 2017 Billing (Line 10 + Line 15+ Line 18)		\$ (813,399.68)
Rate Calculation			Billing Month January 2017
20	Forecast SC-1 and SC-1C Delivery Sales in Billing Month (kWh)		1,138,232,748
21	NYPA Benefit (RCD) rate (Line 19/ Line 20)		\$ (0.000715)

RESIDENTIAL AGRICULTURAL DISCOUNT (RAD) PAYMENT		January 2017
22	NYPA RAD Payment for upcoming billing month	\$ (276,933.33)
Rate Calculation		Billing Month January 2017
23	Forecast SC-1 and SC-1C RAD Customers Sales in Billing month (kWh)	7,469,251
24	NYPA Benefit (RAD) rate (Line 22/ Line 23)	\$ (0.037076)

Supply Reconciliation Balance
Rule 46.3.4

FOR THE BILLING MONTH OF
January 2017

1	Beginning Balance Deferred	\$	(2,500,000.00)	\$	(1,000,000.00)	
			Total Customer Reconciliations	Zone A-E Mass Market	Zone F Mass Market	Unhedged
2	NHA	\$	1,529,517.99	\$	1,343,034.73	\$ 186,483.26
3	MMA	\$	794,855.60	\$	674,382.13	\$ 120,473.47
4	SSA	\$	2,966,471.09	\$	1,463,862.54	\$ 731,887.33
5	Balance of ESRM	\$	(318,574.65)	\$	(157,206.82)	\$ (78,598.69)
6	Total Reconciliations Available	\$	4,972,270.02	\$	824,072.57	\$ (39,754.63)
7	Flex Account Adjustment			\$	(2,500,000.00)	\$ (1,000,000.00)
8	Net Monthly Customer Charges / (Credits) (Lines 2+3+4+5+7)			\$	824,072.57	\$ (39,754.63)
9	Ending Balance Deferred	\$	-	\$	-	
10	Forecast Sales				630,870,065	315,416,096
11	Supply Balance Reconciliation Rate (Line 7 / Line 10)	\$		\$	(0.003963)	(0.003170)