

Orange and Rockland Utilities, Inc.
Market Supply Charge Workpaper
Reconciliation for the Month of November 2015
To be Billed in January 2016

ACTUAL MSC COSTS

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$4,407,912
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	1,506,283
Prior Month's Hedging (Over)/Under Recovery (B)	(159,756)
Prior Month's Actual Hedging	<u>1,224,673</u>
Total	6,979,112

ACTUAL MSC RECOVERIES7,029,073**(OVER)/UNDER RECOVERY**

(49,961)

HEDGING-RELATED PORTION OF (OVER)/UNDER RECOVERY (C)

523,864

(OVER)/UNDER RECOVERY EXCLUDING HEDGING IMPACTS (D)

(573,824)

(A) Reflects the (over)/under recovery from September 2015 per Page 1 of 3 of the November 2015 MSC workpapers, excluding the forecast hedging (gain)/loss.

(B) Reflects the hedging (over)/under recovery from September 2015 per Page 1 of 3 of the November 2015 MSC Workpapers.

(C) Actual November 2015 Hedging (Gain)/Loss	1,224,673
Forecast Hedging (Gain)/Loss from November 2015 MSC Filing	<u>700,809</u>
Difference (Over)/Under	523,864

(D) To be recovered in the January 2016 MSC.

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

January-16

<u>Service Classification</u>	<u>Estimated Billed Sales (kWh)</u>	<u>Scheduled ESCO @ Meter (kWh)</u>	<u>Estimated Mandatory DAHP Sales (kWh)</u>	<u>Estimated Net POLR Sales (incl SC 9/22/25) Sales (kWh)</u>	<u>Estimated Net POLR Sales (excl SC 9/22/25) Sales (kWh)</u>
1	143,460,000	62,493,547	0	80,966,453	80,966,453
2/25 (Rate 1) Sec	78,202,000	53,391,785	808,582	24,001,633	24,001,633
2 Pri	3,803,000	2,184,225	1,046,651	572,124	572,124
3/25 (Rate 2)	29,542,000	25,514,564	2,674,296	1,353,140	1,353,140
9/22/25 (Rates 3 & 4) Pri	42,888,000	39,126,209	3,761,791	0	0
9/22/25 (Rates 3 & 4) Sub	17,308,000	17,179,537	128,463	0	0
9/22/25 (Rates 3 & 4) Trans	15,767,000	1,356,847	14,410,153	0	0
19	6,816,000	4,013,997	0	2,802,003	2,802,003
20	6,831,000	5,800,218	0	1,030,782	1,030,782
21	3,372,000	3,243,008	0	128,992	128,992
5	246,000	199,321	0	46,679	46,679
4/6/16	3,835,000	2,266,186	0	1,568,814	<u>1,568,814</u>
Total	<u>352,070,000</u>	<u>216,769,444</u>	<u>22,829,936</u>	<u>112,470,620</u>	<u>112,470,620</u>

Market Supply Charge Workpaper

Effective: January 1, 2016

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	(573,824)
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	523,864
3 Estimated POLR Sales Incl SC 9/22/25 (B)		112,470,620
4 Estimated POLR Sales Excl SC 9/22/25 (B)		112,470,620
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	(0.00510) per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00466 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	1,722,503
8 Estimated POLR Sales Excl SC 9/22/25 (B)		112,470,620
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.01532 per kWh

C. MSC Detail:

	Units	SC2/25 (Rate 1)		SC2	SC3	SC4/6/16	SC5	SC9/22/25*	SC9/22/25*	SC9/22/25*	SC19	SC20	SC21
		SC1	Secondary	Primary				Primary	Substation	Transmission			
10 Forecast MSC Component	\$/kWh	0.04355	0.04354	0.04253	0.04253	0.04012	0.04273	0.04253	0.04137	0.04128			
	Peak										0.05257	0.05257	0.05143
	Off Peak										0.03926	0.03906	0.03822
11 Capacity Component	\$/kWh	0.01818	0.01248	0.01015	0.01015	-	0.00755	0.01015	0.01354	0.00352	0.01818	0.01248	0.01015
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01532	0.01532	0.01532	0.01532	0.01532	0.01532				0.01532	0.01532	0.01532
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.07705	0.07134	0.06800	0.06800	0.05544	0.06560	0.05268	0.05491	0.04480			
	Peak										0.08607	0.08037	0.07690
	Off Peak										0.07276	0.06686	0.06369
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)	(0.00510)
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00466	0.00466	0.00466	0.00466	0.00466	0.00466	-	-	-	0.00466	0.00466	0.00466
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	(0.00044)	(0.00044)	(0.00044)	(0.00044)	(0.00044)	(0.00044)	(0.00510)	(0.00510)	(0.00510)	(0.00044)	(0.00044)	(0.00044)
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.07661	0.07090	0.06756	0.06756	0.05500	0.06516	0.04758	0.04981	0.03970			
	Peak										0.08563	0.07993	0.07646
	Off Peak										0.07232	0.06642	0.06325

Notes:

* Applies to customers exempt from Mandatory Day-Ahead Hourly Pricing

(A) See Page 1 of 3.

(B) See Page 2 of 3.