

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

ACTUAL MSC COSTS

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$11,744,115
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	563,269
Prior Month's Hedging (Over)/Under Recovery (B)	422,101
Prior Month's Actual Hedging	<u>896,770</u>
Total	13,626,255

ACTUAL MSC RECOVERIES15,074,037**(OVER)/UNDER RECOVERY**

(1,447,782)

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

199,315

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

(1,647,097)

(A) Reflects the (over)/under recovery from June 2016 per Page 1 of 3 of the August 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.

(B) Reflects the hedging (over)/under recovery from June 2016 per Page 1 of 3 of the August 2016 MSC Workpapers.

(C) Actual August 2016 Hedging (Gain)/Loss	896,770
Forecast Hedging (Gain)/Loss from August 2016 MSC Filing	<u>697,455</u>
Difference (Over)/Under	199,315

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

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

October-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	113,575,000	47,556,224	0	66,018,776	66,018,776
2/25 (Rate 1) Sec	67,819,000	45,073,235	676,410	22,069,355	22,069,355
2 Pri	3,233,000	1,635,224	865,025	732,752	732,752
3/25 (Rate 2)	30,942,000	27,001,345	2,053,129	1,887,527	1,887,527
9/22/25 (Rates 3 & 4) Pri	44,500,000	39,706,725	4,793,275	0	0
9/22/25 (Rates 3 & 4) Sub	16,607,000	15,274,954	1,332,046	0	0
9/22/25 (Rates 3 & 4) Trans	14,822,000	4,208,698	10,613,302	0	0
19	5,996,000	3,376,389	0	2,619,611	2,619,611
20	6,331,000	5,329,828	0	1,001,172	1,001,172
21	2,843,000	2,739,846	0	103,154	103,154
5	256,000	210,317	0	45,683	45,683
4/6/16	3,014,000	1,958,323	0	1,055,677	<u>1,055,677</u>
Total	<u>309,938,000</u>	<u>194,071,106</u>	<u>20,333,186</u>	<u>95,533,707</u>	<u>95,533,707</u>

Market Supply Charge Workpaper

Effective: October 1, 2016

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$ (1,647,097)
2 Reconciliation of Hedging (Gain)/Loss (A)	\$ 199,315
3 Estimated POLR Sales Incl SC 9/22/25 (B)	95,533,707
4 Estimated POLR Sales Excl SC 9/22/25 (B)	95,533,707
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$ (0.01724) per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$ 0.00209 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$ 959,107
8 Estimated POLR Sales Excl SC 9/22/25 (B)	95,533,707
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$ 0.01004 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	0.03026	0.03077	0.02988	0.02988	0.02797	0.02979	0.02988	0.02907	0.02901			
	Peak										0.03567	0.03567	0.03489
	Off Peak										0.02754	0.02773	0.02703
11 Capacity Component	\$/kWh	0.03565	0.02890	0.01863	0.01863	-	0.02011	0.01863	0.01613	0.02545	0.03565	0.02890	0.01863
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01004	0.01004	0.01004	0.01004	0.01004	0.01004				0.01004	0.01004	0.01004
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.07595	0.06971	0.05855	0.05855	0.03801	0.05994	0.04851	0.04520	0.05446			
	Peak										0.08136	0.07461	0.06356
	Off Peak										0.07323	0.06667	0.05570
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)	(0.01724)
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00209	0.00209	0.00209	0.00209	0.00209	0.00209	-	-	-	0.00209	0.00209	0.00209
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	(0.01515)	(0.01515)	(0.01515)	(0.01515)	(0.01515)	(0.01515)	(0.01724)	(0.01724)	(0.01724)	(0.01515)	(0.01515)	(0.01515)
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.06080	0.05456	0.04340	0.04340	0.02286	0.04479	0.03127	0.02796	0.03722			
	Peak										0.06621	0.05946	0.04841
	Off Peak										0.05808	0.05152	0.04055

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.