

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

ACTUAL MSC COSTS

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$8,525,154
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(1,202,637)
Prior Month's Hedging (Over)/Under Recovery (B)	369,558
Prior Month's Actual Hedging	<u>1,287,786</u>
Total	8,979,861

ACTUAL MSC RECOVERIES8,525,447**(OVER)/UNDER RECOVERY**

454,414

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

436,657

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

17,757

- (A) Reflects the (over)/under recovery from July 2016 per Page 1 of 3 of the September 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.
- (B) Reflects the hedging (over)/under recovery from July 2016 per Page 1 of 3 of the September 2016 MSC Workpapers.
- (C) Actual September 2016 Hedging (Gain)/Loss 1,287,786
 Forecast Hedging (Gain)/Loss from September 2016 MSC Filing 851,129
 Difference (Over)/Under 436,657
- (D) To be recovered in the November 2016 MSC.

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

November-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	100,205,000	41,312,608	0	58,892,392	58,892,392
2/25 (Rate 1) Sec	63,923,000	41,795,501	519,736	21,607,763	21,607,763
2 Pri	3,022,000	1,641,967	816,695	563,337	563,337
3/25 (Rate 2)	26,975,000	23,973,709	1,614,846	1,386,444	1,386,444
9/22/25 (Rates 3 & 4) Pri	37,668,000	33,841,744	3,826,256	0	0
9/22/25 (Rates 3 & 4) Sub	14,144,000	13,053,885	1,090,115	0	0
9/22/25 (Rates 3 & 4) Trans	13,497,000	4,134,752	9,362,248	0	0
19	4,949,000	2,755,009	0	2,193,991	2,193,991
20	5,596,000	4,879,356	0	716,644	716,644
21	3,175,000	3,054,365	0	120,635	120,635
5	254,000	208,020	0	45,980	45,980
4/6/16	3,189,000	2,065,279	0	1,123,721	<u>1,123,721</u>
Total	<u>276,597,000</u>	<u>172,716,196</u>	<u>17,229,897</u>	<u>86,650,907</u>	<u>86,650,907</u>

Market Supply Charge Workpaper

Effective: November 1, 2016

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	17,757
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	436,657
3 Estimated POLR Sales Incl SC 9/22/25 (B)		86,650,907
4 Estimated POLR Sales Excl SC 9/22/25 (B)		86,650,907
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00020 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00504 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	1,517,777
8 Estimated POLR Sales Excl SC 9/22/25 (B)		86,650,907
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.01752 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	0.02977	0.03012	0.02936	0.02936	0.02799	0.02944	0.02936	0.02856	0.02850			
	Peak										0.03415	0.03415	0.03340
	Off Peak										0.02748	0.02766	0.02701
11 Capacity Component	\$/kWh	0.02082	0.01534	0.01027	0.01027	-	0.00947	0.01027	0.00850	0.01239	0.02082	0.01534	0.01027
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01752	0.01752	0.01752	0.01752	0.01752	0.01752				0.01752	0.01752	0.01752
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.06811	0.06298	0.05715	0.05715	0.04551	0.05643	0.03963	0.03706	0.04089			
	Peak										0.07249	0.06701	0.06119
	Off Peak										0.06582	0.06052	0.05480
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020	0.00020
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00504	0.00504	0.00504	0.00504	0.00504	0.00504	-	-	-	0.00504	0.00504	0.00504
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00524	0.00524	0.00524	0.00524	0.00524	0.00524	0.00020	0.00020	0.00020	0.00524	0.00524	0.00524
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.07335	0.06822	0.06239	0.06239	0.05075	0.06167	0.03983	0.03726	0.04109			
	Peak										0.07773	0.07225	0.06643
	Off Peak										0.07106	0.06576	0.06004

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.