

**Orange and Rockland Utilities, Inc.**  
Market Supply Charge Workpaper  
Reconciliation for the Month of December 2016  
To be Billed in February 2017

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$8,760,936
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	92,120
Prior Month's Hedging (Over)/Under Recovery (B)	723,710
Prior Month's Actual Hedging	<u>116,677</u>
Total	9,693,443

**ACTUAL MSC RECOVERIES**9,755,960**(OVER)/UNDER RECOVERY**

(62,517)

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

(986,670)

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

924,153

- (A) Reflects the (over)/under recovery from October 2016 per Page 1 of 3 of the December 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.
- (B) Reflects the hedging (over)/under recovery from October 2016 per Page 1 of 3 of the December 2016 MSC Workpapers.
- (C) Actual December 2016 Hedging (Gain)/Loss 116,677  
Forecast Hedging (Gain)/Loss from December 2016 MSC Filing 1,103,347  
Difference (Over)/Under (986,670)
- (D) To be recovered in the February 2017 MSC.

**Orange and Rockland Utilities, Inc.**

## Estimated Sales Workpaper

February-17

<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	125,267,000	49,900,976	0	75,366,024	75,366,024
2/25 (Rate 1) Sec	74,685,000	49,100,014	696,630	24,888,355	24,888,355
2 Pri	3,891,000	2,062,931	905,959	922,109	922,109
3/25 (Rate 2)	28,984,000	25,211,565	1,973,638	1,798,796	1,798,796
9/22/25 (Rates 3 & 4) Pri	36,697,000	33,505,093	3,191,907	0	0
9/22/25 (Rates 3 & 4) Sub	17,073,000	15,714,978	1,358,022	0	0
9/22/25 (Rates 3 & 4) Trans	14,283,000	4,058,140	10,224,860	0	0
19	5,707,000	3,288,058	0	2,418,942	2,418,942
20	6,907,000	5,861,677	0	1,045,323	1,045,323
21	2,968,000	2,846,905	0	121,095	121,095
5	246,000	201,969	0	44,031	44,031
4/6/16	3,299,000	1,647,064	0	1,651,936	<u>1,651,936</u>
Total	<u>320,007,000</u>	<u>193,399,372</u>	<u>18,351,016</u>	<u>108,256,611</u>	<u>108,256,611</u>

## Market Supply Charge Workpaper

Effective: February 1, 2017

## A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	924,153
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	(986,670)
3 Estimated POLR Sales Incl SC 9/22/25 (B)		108,256,611
4 Estimated POLR Sales Excl SC 9/22/25 (B)		108,256,611
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00854 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	(0.00911) per kWh

## B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	60,624
8 Estimated POLR Sales Excl SC 9/22/25 (B)		108,256,611
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.00056 per kWh

## C. MSC Detail:

	Units	SC2/25 (Rate 1)		SC2				SC9/22/25*	SC9/22/25*	SC9/22/25*			
		SC1	Secondary	Primary	SC3	SC4/6/16	SC5	Primary	Substation	Transmission	SC19	SC20	SC21
10 Forecast MSC Component	\$/kWh	0.05968	0.06018	0.05870	0.05870	0.05669	0.05911	0.05870	0.05711	0.05698			
	Peak										0.06682	0.06682	0.06536
	Off Peak										0.05600	0.05612	0.05484
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	0.00056	0.00056	0.00056	0.00056	0.00056	0.00056				0.00056	0.00056	0.00056
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.08106	0.07608	0.06953	0.06953	0.05725	0.06914	0.06897	0.06561	0.06937			
	Peak										0.08820	0.08272	0.07619
	Off Peak										0.07738	0.07202	0.06567
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854	0.00854
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	(0.00911)	(0.00911)	(0.00911)	(0.00911)	(0.00911)	(0.00911)	-	-	-	(0.00911)	(0.00911)	(0.00911)
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	(0.00057)	(0.00057)	(0.00057)	(0.00057)	(0.00057)	(0.00057)	0.00854	0.00854	0.00854	(0.00057)	(0.00057)	(0.00057)
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.08049	0.07551	0.06896	0.06896	0.05668	0.06857	0.07751	0.07415	0.07791			
	Peak										0.08763	0.08215	0.07562
	Off Peak										0.07681	0.07145	0.06510

## Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.