

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

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$9,066,712
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(2,603,253)
Prior Month's Hedging (Over)/Under Recovery (B)	360,552
Prior Month's Actual Hedging	<u>444,192</u>
Total	7,268,203

**ACTUAL MSC RECOVERIES**7,202,255**(OVER)/UNDER RECOVERY**

65,948

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

290,458

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

(224,510)

- (A) Reflects the (over)/under recovery from July 2017 per Page 1 of 3 of the September 2017 MSC workpapers, excluding the forecast hedging (gain)/loss.
- (B) Reflects the hedging (over)/under recovery from July 2017 per Page 1 of 3 of the September 2017 MSC Workpapers.
- (C) Actual September 2017 Hedging (Gain)/Loss 444,192  
 Forecast Hedging (Gain)/Loss from September 2017 MSC Filing 153,734  
 Difference (Over)/Under 290,458
- (D) To be recovered in the November 2017 MSC.

**Orange and Rockland Utilities, Inc.**

## Estimated Sales Workpaper

November-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	100,101,000	39,542,742	0	60,558,258	60,558,258
2/25 (Rate 1) Sec	64,880,000	42,935,175	516,157	21,428,668	21,428,668
2 Pri	3,629,000	1,882,266	968,925	777,809	777,809
3/25 (Rate 2)	28,350,000	24,973,346	1,684,782	1,691,872	1,691,872
9/22/25 (Rates 3 & 4) Pri	38,812,000	34,460,146	4,351,854	0	0
9/22/25 (Rates 3 & 4) Sub	16,815,000	14,798,294	2,016,706	0	0
9/22/25 (Rates 3 & 4) Trans	10,423,000	2,324,583	8,098,417	0	0
19	4,651,000	2,604,769	0	2,046,231	2,046,231
20	5,993,000	5,144,844	0	848,156	848,156
21	2,948,000	2,739,357	59,017	149,626	149,626
5	246,000	200,664	0	45,336	45,336
4/6/16	3,132,000	1,729,061	0	1,402,939	<u>1,402,939</u>
Total	<u>279,980,000</u>	<u>173,335,248</u>	<u>17,695,858</u>	<u>88,948,895</u>	<u>88,948,895</u>

## Market Supply Charge Workpaper

Effective: November 1, 2017

## A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	(224,510)
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	290,458
3 Estimated POLR Sales Incl SC 9/22/25 (B)		88,948,895
4 Estimated POLR Sales Excl SC 9/22/25 (B)		88,948,895
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	(0.00252) per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00327 per kWh

## B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	1,373,409
8 Estimated POLR Sales Excl SC 9/22/25 (B)		88,948,895
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.01544 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	0.03258	0.03310	0.03211	0.03211	0.03035	0.03216	0.03211	0.03124	0.03117			
	Peak										0.03803	0.03803	0.03720
	Off Peak										0.02978	0.03002	0.02919
11 Capacity Component	\$/kWh	0.01917	0.01123	0.00840	0.00840	-	0.00664	0.00840	0.00775	0.00520	0.01917	0.01123	0.00840
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01544	0.01544	0.01544	0.01544	0.01544	0.01544				0.01544	0.01544	0.01544
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.06719	0.05977	0.05595	0.05595	0.04579	0.05424	0.04051	0.03899	0.03637			
	Peak										0.07264	0.06470	0.06104
	Off Peak										0.06439	0.05669	0.05303
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)	(0.00252)
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00327	0.00327	0.00327	0.00327	0.00327	0.00327	-	-	-	0.00327	0.00327	0.00327
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00075	0.00075	0.00075	0.00075	0.00075	0.00075	(0.00252)	(0.00252)	(0.00252)	0.00075	0.00075	0.00075
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.06794	0.06052	0.05670	0.05670	0.04654	0.05499	0.03799	0.03647	0.03385			
	Peak										0.07339	0.06545	0.06179
	Off Peak										0.06514	0.05744	0.05378

## Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.