

**Orange and Rockland Utilities, Inc.**  
Market Supply Charge Workpaper  
Reconciliation for the Month of November 2018  
To be Billed in January 2019

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$6,401,071
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(512,839)
Prior Month's Hedging (Over)/Under Recovery (B)	246,821
Prior Month's Actual Hedging	1,493,116
Total	7,628,169

**ACTUAL MSC RECOVERIES**6,518,529**(OVER)/UNDER RECOVERY**

1,109,641

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

291,557

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

818,084

(A) Reflects the (over)/under recovery from September 2018 per Page 1 of 3 of the November 2018 MSC workpapers, excluding the forecast hedging (gain)/loss.

(B) Reflects the hedging (over)/under recovery from September 2018 per Page 1 of 3 of the November 2018 MSC Workpapers.

(C) Actual November 2018 Hedging (Gain)/Loss	1,493,116
Forecast Hedging (Gain)/Loss from November 2018 MSC Filing	<u>1,201,559</u>
Difference (Over)/Under	291,557

(D) To be recovered in the January 2019 MSC.

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## Estimated Sales Workpaper

January-19

<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	135,607,000	47,311,860	0	88,295,140	88,295,140
2/25 (Rate 1) Sec	76,869,000	50,432,781	1,669,510	24,766,709	24,766,709
2 Pri	4,300,000	2,154,745	1,190,060	955,195	955,195
3/25 (Rate 2)	26,512,000	23,328,066	1,770,170	1,413,764	1,413,764
9/22/25 (Rates 3 & 4) Pri	36,933,000	34,014,962	2,918,038	0	0
9/22/25 (Rates 3 & 4) Sub	18,692,000	16,458,609	2,233,391	0	0
9/22/25 (Rates 3 & 4) Trans	14,642,000	4,625,012	10,016,988	0	0
19	5,927,000	3,311,631	0	2,615,369	2,615,369
20	7,059,000	5,794,067	267,901	997,032	997,032
21	2,904,000	2,834,902	0	69,098	69,098
5	243,000	198,867	0	44,133	44,133
4/6/16	3,383,000	1,945,074	0	1,437,926	<u>1,437,926</u>
Total	<u>333,071,000</u>	<u>192,410,576</u>	<u>20,066,056</u>	<u>120,594,366</u>	<u>120,594,366</u>

## Market Supply Charge Workpaper

Effective: January 1, 2019

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	818,084
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	291,557
3 Estimated POLR Sales Incl SC 9/22/25 (B)		120,594,366
4 Estimated POLR Sales Excl SC 9/22/25 (B)		120,594,366
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00678 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00242 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	(1,478,390)
8 Estimated POLR Sales Excl SC 9/22/25 (B)		120,594,366
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	(0.01226) per kWh

C. MSC Detail:

	<u>Units</u>	<u>SC2/25 (Rate 1)</u>		<u>SC2</u>				<u>SC9/22/25*</u>	<u>SC9/22/25*</u>	<u>SC9/22/25*</u>			
		<u>SC1</u>	<u>Secondary</u>	<u>Primary</u>	<u>SC3</u>	<u>SC4/6/16</u>	<u>SC5</u>	<u>Primary</u>	<u>Substation</u>	<u>Transmission</u>	<u>SC19</u>	<u>SC20</u>	<u>SC21</u>
10 Forecast MSC Component	\$/kWh	0.07437	0.07438	0.07275	0.07275	0.07197	0.07370	0.07275	0.07077	0.07062			
	Peak										0.07940	0.07940	0.07767
	Off Peak										0.07157	0.07153	0.06999
11 Capacity Component	\$/kWh	0.01510	0.00904	0.00741	0.00741	-	0.00584	0.00741	0.00513	0.00406	0.01510	0.00904	0.00741
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	(0.01226)	(0.01226)	(0.01226)	(0.01226)	(0.01226)	(0.01226)				(0.01226)	(0.01226)	(0.01226)
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.07721	0.07116	0.06790	0.06790	0.05971	0.06728	0.08016	0.07590	0.07468			
	Peak										0.08224	0.07618	0.07282
	Off Peak										0.07441	0.06831	0.06514
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00242	0.00242	0.00242	0.00242	0.00242	0.00242	-	-	-	0.00242	0.00242	0.00242
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00920	0.00920	0.00920	0.00920	0.00920	0.00920	0.00678	0.00678	0.00678	0.00920	0.00920	0.00920
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.08641	0.08036	0.07710	0.07710	0.06891	0.07648	0.08694	0.08268	0.08146			
	Peak										0.09144	0.08538	0.08202
	Off Peak										0.08361	0.07751	0.07434

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.