

**Orange and Rockland Utilities, Inc.**  
 Market Supply Charge Workpaper  
 Reconciliation for the Month of November 2019  
 To be Billed in January 2020

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$3,799,224
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(180,004)
Prior Month's Hedging (Over)/Under Recovery (B)	620,084
Prior Month's Actual Hedging	2,436,974
Total	6,676,278

**ACTUAL MSC RECOVERIES**5,948,891**(OVER)/UNDER RECOVERY**

727,388

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

358,796

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

368,592

(A) Reflects the (over)/under recovery from September 2019 per Page 1 of 3 of the November 2019 MSC workpapers, excluding the forecast hedging (gain)/loss.

(B) Reflects the hedging (over)/under recovery from September 2019 per Page 1 of 3 of the November 2019 MSC Workpapers.

(C) Actual November 2019 Hedging (Gain)/Loss	2,436,974
Forecast Hedging (Gain)/Loss from November 2019 MSC Filing	<u>2,078,178</u>
Difference (Over)/Under	358,796

(D) To be recovered in the January 2020 MSC.

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## Estimated Sales Workpaper

January-20

<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	134,690,000	47,936,381	0	86,753,619	86,753,619
2/25 (Rate 1) Sec	76,225,000	50,880,951	884,999	24,459,051	24,459,051
2 Pri	4,158,000	1,836,879	1,160,566	1,160,555	1,160,555
3/25 (Rate 2)	29,300,000	25,230,454	2,019,152	2,050,394	2,050,394
9/22/25 (Rates 3 & 4) Pri	37,461,000	33,710,300	3,750,700	0	0
9/22/25 (Rates 3 & 4) Sub	22,153,000	19,360,904	2,792,096	0	0
9/22/25 (Rates 3 & 4) Trans	16,119,000	5,230,411	10,888,589	0	0
19	5,499,000	3,139,731	0	2,359,269	2,359,269
20	6,752,000	5,458,494	262,195	1,031,311	1,031,311
21	3,110,000	2,938,659	0	171,341	171,341
5	151,000	122,031	0	28,969	28,969
4/6/16	3,050,000	1,692,459	0	1,357,541	<u>1,357,541</u>
Total	<u>338,668,000</u>	<u>197,537,653</u>	<u>21,758,296</u>	<u>119,372,050</u>	<u>119,372,050</u>

## Market Supply Charge Workpaper

Effective: January 1, 2020

## A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	368,592
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	358,796
3 Estimated POLR Sales Incl SC 9/22/25 (B)		119,372,050
4 Estimated POLR Sales Excl SC 9/22/25 (B)		119,372,050
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00309 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00301 per kWh

## B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	687,086
8 Estimated POLR Sales Excl SC 9/22/25 (B)		119,372,050
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.00576 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	0.05099	0.05116	0.04994	0.04994	0.04898	0.05057	0.04994	0.04858	0.04848			
	Peak										0.05572	0.05572	0.05451
	Off Peak										0.04848	0.04854	0.04745
11 Capacity Component	\$/kWh	0.00356	0.00200	0.00162	0.00162	-	0.00119	0.00162	0.00102	0.00066	0.00356	0.00200	0.00162
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.00576	0.00576	0.00576	0.00576	0.00576	0.00576				0.00576	0.00576	0.00576
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.06031	0.05892	0.05732	0.05732	0.05474	0.05752	0.05156	0.04960	0.04914			
	Peak										0.06504	0.06348	0.06189
	Off Peak										0.05780	0.05630	0.05483
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309	0.00309
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00301	0.00301	0.00301	0.00301	0.00301	0.00301	-	-	-	0.00301	0.00301	0.00301
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00610	0.00610	0.00610	0.00610	0.00610	0.00610	0.00309	0.00309	0.00309	0.00610	0.00610	0.00610
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.06641	0.06502	0.06342	0.06342	0.06084	0.06362	0.05465	0.05269	0.05223			
	Peak										0.07114	0.06958	0.06799
	Off Peak										0.06390	0.06240	0.06093

## Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.