

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

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$5,350,717
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(1,637,449)
Prior Month's Hedging (Over)/Under Recovery (B)	814,820
Prior Month's Actual Hedging	<u>2,287,785</u>
Total	6,815,873

**ACTUAL MSC RECOVERIES**7,318,480**(OVER)/UNDER RECOVERY**

(502,607)

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

696,782

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

(1,199,389)

(A) Reflects the (over)/under recovery from December 2015 per Page 1 of 3 of the February 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.

(B) Reflects the hedging (over)/under recovery from December 2015 per Page 1 of 3 of the February 2016 MSC Workpapers.

(C)	Actual February 2016 Hedging (Gain)/Loss	2,287,785
	Forecast Hedging (Gain)/Loss from February 2016 MSC Filing	<u>1,591,003</u>
	Difference (Over)/Under	696,782

(D) To be recovered in the April 2016 MSC.

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## Estimated Sales Workpaper

April-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	102,416,000	43,163,728	0	59,252,272	59,252,272
2/25 (Rate 1) Sec	63,849,000	42,592,203	673,400	20,583,397	20,583,397
2 Pri	2,795,000	1,441,772	746,069	607,159	607,159
3/25 (Rate 2)	27,475,000	23,692,901	2,498,027	1,284,072	1,284,072
9/22/25 (Rates 3 & 4) Pri	38,601,000	35,545,369	3,055,631	0	0
9/22/25 (Rates 3 & 4) Sub	12,922,000	12,809,456	112,544	0	0
9/22/25 (Rates 3 & 4) Trans	12,501,000	3,730,887	8,770,113	0	0
19	4,907,000	2,924,136	0	1,982,864	1,982,864
20	5,292,000	4,499,199	0	792,801	792,801
21	2,878,000	2,765,631	0	112,369	112,369
5	258,000	208,819	0	49,181	49,181
4/6/16	2,497,000	1,518,991	0	978,009	<u>978,009</u>
Total	<u>276,391,000</u>	<u>174,893,093</u>	<u>15,855,784</u>	<u>85,642,124</u>	<u>85,642,124</u>

## Market Supply Charge Workpaper

Effective: April 1, 2016

## A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$ (1,199,389)
2 Reconciliation of Hedging (Gain)/Loss (A)	\$ 696,782
3 Estimated POLR Sales Incl SC 9/22/25 (B)	85,642,124
4 Estimated POLR Sales Excl SC 9/22/25 (B)	85,642,124
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$ (0.01400) per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$ 0.00814 per kWh

## B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$ 1,663,129
8 Estimated POLR Sales Excl SC 9/22/25 (B)	85,642,124
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$ 0.01942 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	0.02476	0.02516	0.02447	0.02447	0.02253	0.02437	0.02447	0.02380	0.02375			
	Peak										0.02979	0.02979	0.02914
	Off Peak										0.02221	0.02232	0.02177
11 Capacity Component	\$/kWh	0.01818	0.01248	0.01015	0.01015	-	0.00755	0.01015	0.01354	0.00352	0.01818	0.01248	0.01015
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01942	0.01942	0.01942	0.01942	0.01942	0.01942				0.01942	0.01942	0.01942
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.06236	0.05706	0.05404	0.05404	0.04195	0.05134	0.03462	0.03734	0.02727			
	Peak										0.06739	0.06169	0.05871
	Off Peak										0.05981	0.05422	0.05134
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)	(0.01400)
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00814	0.00814	0.00814	0.00814	0.00814	0.00814	-	-	-	0.00814	0.00814	0.00814
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	(0.00586)	(0.00586)	(0.00586)	(0.00586)	(0.00586)	(0.00586)	(0.01400)	(0.01400)	(0.01400)	(0.00586)	(0.00586)	(0.00586)
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.05650	0.05120	0.04818	0.04818	0.03609	0.04548	0.02062	0.02334	0.01327			
	Peak										0.06153	0.05583	0.05285
	Off Peak										0.05395	0.04836	0.04548

## Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.