

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

**ACTUAL MSC COSTS**

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$4,447,529
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(1,023,389)
Prior Month's Hedging (Over)/Under Recovery (B)	320,764
Prior Month's Actual Hedging	<u>1,735,343</u>
Total	5,480,247

**ACTUAL MSC RECOVERIES**5,121,602**(OVER)/UNDER RECOVERY**

358,645

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

550,579

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

(191,934)

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

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

(C) Actual March 2016 Hedging (Gain)/Loss	1,735,343
Forecast Hedging (Gain)/Loss from March 2016 MSC Filing	<u>1,184,764</u>
Difference (Over)/Under	550,579

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

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## Estimated Sales Workpaper

May-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	95,079,000	39,560,314	0	55,518,686	55,518,686
2/25 (Rate 1) Sec	61,991,000	41,456,628	662,072	19,872,300	19,872,300
2 Pri	2,813,000	1,485,821	742,974	584,205	584,205
3/25 (Rate 2)	26,596,000	23,008,933	2,294,487	1,292,581	1,292,581
9/22/25 (Rates 3 & 4) Pri	36,960,000	33,893,179	3,066,821	0	0
9/22/25 (Rates 3 & 4) Sub	14,603,000	14,475,390	127,610	0	0
9/22/25 (Rates 3 & 4) Trans	12,752,000	3,838,492	8,913,508	0	0
19	4,804,000	2,814,203	0	1,989,797	1,989,797
20	5,919,000	5,056,235	0	862,765	862,765
21	2,643,000	2,535,783	0	107,217	107,217
5	252,000	207,268	0	44,732	44,732
4/6/16	2,275,000	1,384,088	0	890,912	<u>890,912</u>
Total	<u>266,687,000</u>	<u>169,716,334</u>	<u>15,807,471</u>	<u>81,163,195</u>	<u>81,163,195</u>

## Market Supply Charge Workpaper

Effective: May 1, 2016

## A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	(191,934)
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	550,579
3 Estimated POLR Sales Incl SC 9/22/25 (B)		81,163,195
4 Estimated POLR Sales Excl SC 9/22/25 (B)		81,163,195
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	(0.00236) per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00678 per kWh

## B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	1,027,787
8 Estimated POLR Sales Excl SC 9/22/25 (B)		81,163,195
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.01266 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	0.03092	0.03153	0.03055	0.03055	0.02697	0.03020	0.03055	0.02972	0.02965			
	Peak										0.03801	0.03801	0.03718
	Off Peak										0.02708	0.02739	0.02668
11 Capacity Component	\$/kWh	0.03565	0.02890	0.01863	0.01863	-	0.02011	0.01863	0.01613	0.02545	0.03565	0.02890	0.01863
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01266	0.01266	0.01266	0.01266	0.01266	0.01266				0.01266	0.01266	0.01266
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.07923	0.07309	0.06184	0.06184	0.03963	0.06297	0.04918	0.04585	0.05510			
	Peak										0.08632	0.07957	0.06847
	Off Peak										0.07539	0.06895	0.05797
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)	(0.00236)
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00678	0.00678	0.00678	0.00678	0.00678	0.00678	-	-	-	0.00678	0.00678	0.00678
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00442	0.00442	0.00442	0.00442	0.00442	0.00442	(0.00236)	(0.00236)	(0.00236)	0.00442	0.00442	0.00442
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.08365	0.07751	0.06626	0.06626	0.04405	0.06739	0.04682	0.04349	0.05274			
	Peak										0.09074	0.08399	0.07289
	Off Peak										0.07981	0.07337	0.06239

## Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.