

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

ACTUAL MSC COSTS

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$6,876,439
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	(1,647,097)
Prior Month's Hedging (Over)/Under Recovery (B)	199,315
Prior Month's Actual Hedging	<u>1,682,817</u>
Total	7,111,474

ACTUAL MSC RECOVERIES6,295,644**(OVER)/UNDER RECOVERY**

815,830

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

723,710

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

92,120

- (A) Reflects the (over)/under recovery from August 2016 per Page 1 of 3 of the October 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.
- (B) Reflects the hedging (over)/under recovery from August 2016 per Page 1 of 3 of the October 2016 MSC Workpapers.
- | | |
|---|----------------|
| (C) Actual October 2016 Hedging (Gain)/Loss | 1,682,817 |
| Forecast Hedging (Gain)/Loss from October 2016 MSC Filing | <u>959,107</u> |
| Difference (Over)/Under | 723,710 |
- (D) To be recovered in the December 2016 MSC.

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

December-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	121,478,000	50,619,392	0	70,858,608	70,858,608
2/25 (Rate 1) Sec	67,749,000	45,724,758	634,474	21,389,768	21,389,768
2 Pri	3,253,000	1,658,758	897,545	696,697	696,697
3/25 (Rate 2)	25,302,000	22,225,567	1,488,931	1,587,502	1,587,502
9/22/25 (Rates 3 & 4) Pri	39,351,000	35,851,767	3,499,233	0	0
9/22/25 (Rates 3 & 4) Sub	15,308,000	14,036,702	1,271,298	0	0
9/22/25 (Rates 3 & 4) Trans	13,982,000	4,269,001	9,712,999	0	0
19	5,559,000	3,218,438	0	2,340,562	2,340,562
20	5,733,000	5,036,758	0	696,242	696,242
21	2,941,000	2,826,683	0	114,317	114,317
5	255,000	204,864	0	50,136	50,136
4/6/16	3,500,000	2,230,975	0	1,269,025	<u>1,269,025</u>
Total	<u>304,411,000</u>	<u>187,903,662</u>	<u>17,504,482</u>	<u>99,002,857</u>	<u>99,002,857</u>

Market Supply Charge Workpaper

Effective: December 1, 2016

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	92,120
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	723,710
3 Estimated POLR Sales Incl SC 9/22/25 (B)		99,002,857
4 Estimated POLR Sales Excl SC 9/22/25 (B)		99,002,857
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00093 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00731 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	1,103,347
8 Estimated POLR Sales Excl SC 9/22/25 (B)		99,002,857
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.01114 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	0.03711	0.03736	0.03640	0.03640	0.03488	0.03657	0.03640	0.03541	0.03534			
	Peak										0.04248	0.04248	0.04155
	Off Peak										0.03432	0.03445	0.03364
11 Capacity Component	\$/kWh	0.02082	0.01534	0.01027	0.01027	-	0.00947	0.01027	0.00850	0.01239	0.02082	0.01534	0.01027
12 Forecast Hedging (Gain)/Loss (Line 9)	\$/kWh	0.01114	0.01114	0.01114	0.01114	0.01114	0.01114				0.01114	0.01114	0.01114
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.06907	0.06384	0.05781	0.05781	0.04602	0.05718	0.04667	0.04391	0.04773			
	Peak										0.07444	0.06896	0.06296
	Off Peak										0.06628	0.06093	0.05505
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093	0.00093
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00731	0.00731	0.00731	0.00731	0.00731	0.00731	-	-	-	0.00731	0.00731	0.00731
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00824	0.00824	0.00824	0.00824	0.00824	0.00824	0.00093	0.00093	0.00093	0.00824	0.00824	0.00824
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.07731	0.07208	0.06605	0.06605	0.05426	0.06542	0.04760	0.04484	0.04866			
	Peak										0.08268	0.07720	0.07120
	Off Peak										0.07452	0.06917	0.06329

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.