

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

ACTUAL MSC COSTS

Actual POLR Energy, Capacity and Ancillary Services	
Purchases Recoverable through MSC (excluding Hedging Impacts)	\$8,675,900
Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A)	1,401,877
Prior Month's Hedging (Over)/Under Recovery (B)	(457,596)
Prior Month's Actual Hedging	<u>1,397,074</u>
Total	11,017,255

ACTUAL MSC RECOVERIES10,031,885**(OVER)/UNDER RECOVERY**

985,370

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

422,101

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

563,269

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

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

(C)	Actual June 2016 Hedging (Gain)/Loss	1,397,074
	Forecast Hedging (Gain)/Loss from June 2016 MSC Filing	<u>974,973</u>
	Difference (Over)/Under	422,101

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

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

August-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	184,711,000	78,700,181	0	106,010,819	106,010,819
2/25 (Rate 1) Sec	86,740,000	58,375,332	927,500	27,437,168	27,437,168
2 Pri	3,660,000	1,916,259	1,115,278	628,463	628,463
3/25 (Rate 2)	32,101,000	27,721,719	2,781,246	1,598,035	1,598,035
9/22/25 (Rates 3 & 4) Pri	46,508,000	42,155,334	4,352,666	0	0
9/22/25 (Rates 3 & 4) Sub	16,286,000	16,180,522	105,478	0	0
9/22/25 (Rates 3 & 4) Trans	16,278,000	5,402,439	10,875,561	0	0
19	10,175,000	5,975,011	0	4,199,989	4,199,989
20	7,362,000	6,570,014	0	791,986	791,986
21	3,169,000	3,069,651	0	99,349	99,349
5	248,000	203,691	0	44,309	44,309
4/6/16	2,347,000	1,500,286	0	846,714	846,714
Total	<u>409,585,000</u>	<u>247,770,437</u>	<u>20,157,730</u>	<u>141,656,832</u>	<u>141,656,832</u>

Market Supply Charge Workpaper

Effective: August 1, 2016

A. Calculation of MSC Adjustment:

1 Adjusted Reconciliation Costs excluding Hedging Impacts (A)	\$	563,269
2 Reconciliation of Hedging (Gain)/Loss (A)	\$	422,101
3 Estimated POLR Sales Incl SC 9/22/25 (B)		141,656,832
4 Estimated POLR Sales Excl SC 9/22/25 (B)		141,656,832
5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3)	\$	0.00398 per kWh
6 Hedging (Gain)/Loss (Line 2 / Line 4)	\$	0.00298 per kWh

B. Calculation of Current Month Hedging Adjustment:

7 Forecast Hedging Cost	\$	697,455
8 Estimated POLR Sales Excl SC 9/22/25 (B)		141,656,832
9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8)	\$	0.00492 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	0.03716	0.03762	0.03629	0.03629	0.03186	0.03602	0.03629	0.03530	0.03523			
	Peak										0.04392	0.04392	0.04297
	Off Peak										0.03232	0.03565	0.03442
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	0.00492	0.00492	0.00492	0.00492	0.00492	0.00492				0.00492	0.00492	0.00492
13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12)	\$/kWh	0.07773	0.07144	0.05984	0.05984	0.03678	0.06105	0.05492	0.05143	0.06068			
	Peak										0.08449	0.07774	0.06652
	Off Peak										0.07289	0.06947	0.05797
Market Supply Charge Adjustments:													
14 Reconciliation Costs excluding Hedging Impacts (Line 5)	\$/kWh	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398	0.00398
15 Hedging (Gain)/Loss (Line 6)	\$/kWh	0.00298	0.00298	0.00298	0.00298	0.00298	0.00298	-	-	-	0.00298	0.00298	0.00298
16 Total MSC Adjustment (Line 14 + Line 15)	\$/kWh	0.00696	0.00696	0.00696	0.00696	0.00696	0.00696	0.00398	0.00398	0.00398	0.00696	0.00696	0.00696
17 Total MSC (Line 13 + Line 16)	\$/kWh	0.08469	0.07840	0.06680	0.06680	0.04374	0.06801	0.05890	0.05541	0.06466			
	Peak										0.09145	0.08470	0.07348
	Off Peak										0.07985	0.07643	0.06493

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.