

Orange and Rockland Utilities, Inc.
Market Supply Charge Workpaper
Reconciliation for the Month of November 2016
To be Billed in January 2017

ACTUAL MSC COSTS

| | |
|---|------------------|
| Actual POLR Energy, Capacity and Ancillary Services | |
| Purchases Recoverable through MSC (excluding Hedging Impacts) | \$4,954,639 |
| Prior Month's (Over)/Under Recovery Excl Forecast Hedging (A) | 17,757 |
| Prior Month's Hedging (Over)/Under Recovery (B) | 436,657 |
| Prior Month's Actual Hedging | <u>1,358,340</u> |
| Total | 6,767,393 |

ACTUAL MSC RECOVERIES6,764,850**(OVER)/UNDER RECOVERY**

2,543

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

(159,437)

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

161,980

- (A) Reflects the (over)/under recovery from September 2016 per Page 1 of 3 of the November 2016 MSC workpapers, excluding the forecast hedging (gain)/loss.
- (B) Reflects the hedging (over)/under recovery from September 2016 per Page 1 of 3 of the November 2016 MSC Workpapers.
- | | |
|--|------------------|
| (C) Actual November 2016 Hedging (Gain)/Loss | 1,358,340 |
| Forecast Hedging (Gain)/Loss from November 2016 MSC Filing | <u>1,517,777</u> |
| Difference (Over)/Under | (159,437) |
- (D) To be recovered in the January 2017 MSC.

Orange and Rockland Utilities, Inc.

Estimated Sales Workpaper

January-17

| <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 | 144,171,000 | 60,145,200 | 0 | 84,025,800 | 84,025,800 |
| 2/25 (Rate 1) Sec | 78,020,000 | 52,781,864 | 730,663 | 24,507,473 | 24,507,473 |
| 2 Pri | 4,155,000 | 2,118,703 | 1,146,419 | 889,878 | 889,878 |
| 3/25 (Rate 2) | 30,745,000 | 27,239,460 | 1,809,232 | 1,696,308 | 1,696,308 |
| 9/22/25 (Rates 3 & 4) Pri | 41,552,000 | 37,857,046 | 3,694,954 | 0 | 0 |
| 9/22/25 (Rates 3 & 4) Sub | 19,985,000 | 18,325,286 | 1,659,714 | 0 | 0 |
| 9/22/25 (Rates 3 & 4) Trans | 15,380,000 | 4,695,840 | 10,684,160 | 0 | 0 |
| 19 | 6,438,000 | 3,732,020 | 0 | 2,705,980 | 2,705,980 |
| 20 | 6,867,000 | 6,058,539 | 0 | 808,461 | 808,461 |
| 21 | 3,267,000 | 3,140,012 | 0 | 126,988 | 126,988 |
| 5 | 252,000 | 201,967 | 0 | 50,033 | 50,033 |
| 4/6/16 | 3,882,000 | 2,283,661 | 0 | 1,598,339 | <u>1,598,339</u> |
| Total | <u>354,714,000</u> | <u>218,579,597</u> | <u>19,725,142</u> | <u>116,409,260</u> | <u>116,409,260</u> |

Market Supply Charge Workpaper

Effective: January 1, 2017

A. Calculation of MSC Adjustment:

| | | |
|--|----|-------------------|
| 1 Adjusted Reconciliation Costs excluding Hedging Impacts (A) | \$ | 161,980 |
| 2 Reconciliation of Hedging (Gain)/Loss (A) | \$ | (159,437) |
| 3 Estimated POLR Sales Incl SC 9/22/25 (B) | | 116,409,260 |
| 4 Estimated POLR Sales Excl SC 9/22/25 (B) | | 116,409,260 |
| 5 Reconciliation Costs excluding Hedging Impacts (Line 1 / Line 3) | \$ | 0.00139 per kWh |
| 6 Hedging (Gain)/Loss (Line 2 / Line 4) | \$ | (0.00137) per kWh |

B. Calculation of Current Month Hedging Adjustment:

| | | |
|--|----|-------------------|
| 7 Forecast Hedging Cost | \$ | (123,503) |
| 8 Estimated POLR Sales Excl SC 9/22/25 (B) | | 116,409,260 |
| 9 Forecast Hedging (Gain)/Loss (Line 7 / Line 8) | \$ | (0.00106) per kWh |

C. MSC Detail:

| | Units | SC2/25 (Rate 1) | | SC2 | | | | SC9/22/25* | SC9/22/25* | SC9/22/25* | | | |
|---|----------|-----------------|-----------|-----------|-----------|-----------|-----------|------------|------------|--------------|-----------|-----------|-----------|
| | | SC1 | Secondary | Primary | SC3 | SC4/6/16 | SC5 | Primary | Substation | Transmission | SC19 | SC20 | SC21 |
| 10 Forecast MSC Component | \$/kWh | 0.06399 | 0.06384 | 0.06239 | 0.06239 | 0.06074 | 0.06321 | 0.06239 | 0.06069 | 0.06056 | | | |
| | Peak | | | | | | | | | | 0.07187 | 0.07187 | 0.07031 |
| | Off Peak | | | | | | | | | | 0.05987 | 0.05972 | 0.05845 |
| 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 | (0.00106) | (0.00106) | (0.00106) | (0.00106) | (0.00106) | (0.00106) | | | | (0.00106) | (0.00106) | (0.00106) |
| 13 Total Forecast MSC Component (Line 10 + Line 11 + Line 12) | \$/kWh | 0.08375 | 0.07812 | 0.07160 | 0.07160 | 0.05968 | 0.07162 | 0.07266 | 0.06919 | 0.07295 | | | |
| | Peak | | | | | | | | | | 0.09163 | 0.08615 | 0.07952 |
| | Off Peak | | | | | | | | | | 0.07963 | 0.07400 | 0.06766 |
| Market Supply Charge Adjustments: | | | | | | | | | | | | | |
| 14 Reconciliation Costs excluding Hedging Impacts (Line 5) | \$/kWh | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 | 0.00139 |
| 15 Hedging (Gain)/Loss (Line 6) | \$/kWh | (0.00137) | (0.00137) | (0.00137) | (0.00137) | (0.00137) | (0.00137) | - | - | - | (0.00137) | (0.00137) | (0.00137) |
| 16 Total MSC Adjustment (Line 14 + Line 15) | \$/kWh | 0.00002 | 0.00002 | 0.00002 | 0.00002 | 0.00002 | 0.00002 | 0.00139 | 0.00139 | 0.00139 | 0.00002 | 0.00002 | 0.00002 |
| 17 Total MSC (Line 13 + Line 16) | \$/kWh | 0.08377 | 0.07814 | 0.07162 | 0.07162 | 0.05970 | 0.07164 | 0.07405 | 0.07058 | 0.07434 | | | |
| | Peak | | | | | | | | | | 0.09165 | 0.08617 | 0.07954 |
| | Off Peak | | | | | | | | | | 0.07965 | 0.07402 | 0.06768 |

Notes:

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

(A) See Page 1 of 3.

(B) See Page 2 of 3.