

# CHAMBER OF COMMERCE - COST SAVINGS SUMMARY EXAMPLE MULTIPLE ACCOUNTS

## Massachusetts - UNITIL

August 2008 - November 2009

### HALIFAX-AMERICAN ENERGY COMPANY

Locational Marginal Price - .Z.NEMA

	9	10	11	12	13	14	15
Period	Total Cost Real Time \$/kWh	Unitil Energy Rate Med Comm \$/kWh	RT Savings per/kWh \$/kWh	Volume Total kWh	Volume On-Peak kWh	Volume Off-Peak kWh	NETSavings Unitil vs. RT \$
Aug-08	\$0.1089	\$0.12306	\$0.0141	150,195	71,521	78,674	\$2,121
Sep-08	\$0.1050	\$0.11322	\$0.0083	127,496	60,712	66,784	\$1,054
Oct-08	\$0.1019	\$0.11371	\$0.0118	104,277	49,656	54,621	\$1,235
Nov-08	\$0.1047	\$0.11532	\$0.0107	97,517	46,437	51,080	\$1,039
Dec-08	\$0.1005	\$0.11532	\$0.0149	102,461	48,791	53,670	\$1,522
Jan-09	\$0.1109	\$0.13044	\$0.0196	104,353	49,692	54,661	\$2,041
Feb-09	\$0.0916	\$0.13165	\$0.0401	96,923	46,154	50,769	\$3,885
Mar-09	\$0.0813	\$0.11320	\$0.0319	99,412	47,339	52,073	\$3,174
Apr-09	\$0.0739	\$0.10939	\$0.0355	101,990	48,567	53,423	\$3,624
May-09	\$0.0782	\$0.10538	\$0.0272	95,038	45,256	49,782	\$2,584
Jun-09	\$0.0755	\$0.09081	\$0.0153	102,600	48,857	53,743	\$1,568
Jul-09	\$0.0697	\$0.09671	\$0.0270	130,822	62,296	68,526	\$3,536
Aug-09	\$0.0736	\$0.09635	\$0.0228	150,195	71,521	78,674	\$3,422
Sep-09	\$0.0678	\$0.09086	\$0.0231	127,496	60,712	66,784	\$2,946
Oct-09	\$0.0819	\$0.09185	\$0.0100	104,277	49,656	54,621	\$1,041
Nov-09	\$0.0792	\$0.09497	\$0.0157	97,517	46,437	51,080	\$1,534
<b>Average</b>	<b>\$0.0878</b>	<b>\$0.10827</b>	<b>\$0.0205</b>	<b>1,792,569</b>	<b>← Total →</b>		<b>\$36,325</b>

NET Savings  
That Would Have Been  
Experienced By The Group  
← Unitil vs. RT

Notes:  
 1. LMP Real Time Prices for Aug 08 - Nov 09 are actual.  
 2. Total use is based on 2008 and 2009 information from bills provided by CRICC. Analysis includes 21 accounts.  
 3. Capacity fee was estimated using \$0.02/kWh average rate for 12-month period use.  $kW = (.02 \text{ \$/kWh} \times 1,313,084 \text{ kWh}) / (4.1 \text{ \$/kW} \times 1.5 \text{ UCAP} \times 12 \text{ months}) = 356 \text{ kW}$  Demand when capacity tag was set on Jun 10, 2008 may be different.  
 4. Line Loss Factor for Medium Commercial G2 accounts is 7.72%.  
 5. Peak and Off-Peak use is estimated based on the number of Peak and Off-Peak hours in a week. Peak = 7am to 11pm M-F = 80 hours. Off-Peak = 11pm to 7am M-F and Weekends = 88 hours.  
 6. Average prices at bottom of columns are unweighted averages.