

DE 09-137  
 Unitil Energy Systems, Inc.  
 Residential Time of Use Pilot Program Pricing

Residential kWh load Off Peak	99,018,890
Residential kWh Load On Peak	20,993,106
Residential kWh Load Critical Peak	3,544,760
<b>Total Residential kWh load</b>	<b>123,556,757</b>
Percentage of Load Off Peak	80.1%
Percentage of Load On Peak	17.0%
Percentage of Load Critical Peak	2.9%
Max hourly residential kW load	118,902
CPP Adder \$/kw-mo	\$5.00
Distribution Losses	6.468%
Number of Months	3
CPP Adder \$/kw-mo w/losses	\$15.97
Total CPP Adder Revenue	\$1,898,886
Total CPP Adder \$/kWh	\$0.53569

<b>Rate Calculations</b>	<u>Price</u>	<u>Revenue</u>
Approved Default Service Power Supply price	\$0.07094	\$8,765,116
Off Peak Price	\$0.04648	\$4,602,711
On Peak Price	\$0.09225	\$1,936,529
Critical Peak Price	\$0.62793	\$2,225,876
Total		\$8,765,116
Variance		\$0.00

**Rate Development Summary**

<b>Power Supply Charge</b>	<u>\$/kWh</u>
Off Peak Price	\$0.04648
On Peak Price	\$0.09225
Critical Peak Price	\$0.62793

<b>Renewable Portfolio Standard (RPS) Charge</b>	
Off Peak Price	\$0.00180
On Peak Price	\$0.00180
Critical Peak Price	\$0.00180

<b>Total Retail Rate - Fixed Default Service Charge</b>	
Off Peak Price	\$0.04828
On Peak Price	\$0.09405
Critical Peak Price	\$0.62973

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 C&I CPP Pilot Program Pricing

Regular General Service kWh load - non CPP	94,873,946
Regular General Service kWh load - CPP	2,803,096
Total Regular General Service kWh load	97,677,042
Percentage of load - non CPP	97.1%
Percentage of load - CPP	2.9%
Max hourly regular general service kW load	88,073
CPP Adder \$/kw-mo	\$5.00
Distribution Losses	6.392%
Number of Months	3
CPP Adder \$/kw-mo w/losses	\$15.96
Total CPP Adder Revenue	\$1,405,534
Total CPP Adder \$/kWh	\$0.50142

<b>Rate Calculations</b>	<u>Price</u>	<u>Revenue</u>
Approved Default Service Power Supply price	\$0.07094	\$6,929,209
Non CPP Price	\$0.05655	\$5,365,159
Critical Peak Price	\$0.55797	\$1,564,050
Total		\$6,929,209
Variance		\$0.00

**Rate Development Summary**

<b>Power Supply Charge</b>	<u>\$/kWh</u>
Non CPP Price	\$0.05655
Critical Peak Price	\$0.55797
<b>Renewable Portfolio Standard (RPS) Charge</b>	
Non CPP Price	\$0.00180
Critical Peak Price	\$0.00180
<b>Total Retail Rate - Fixed Default Service Charge</b>	
Non CPP Price	\$0.05835
Critical Peak Price	\$0.55977