

<b>Annual Savings</b>	<b>Total (MMBtus)</b>	<b>Energy (MWh)</b>	<b>CO2 Metric Tons</b>
<b>LIURP (CY19)</b>	<b>49,034</b>	<b>476</b>	<b>2,953</b>
<i>Home Comfort</i>	<i>48,116</i>	<i>474</i>	<i>2,902</i>
<i>Low-Income Multifamily Efficiency Pilot</i>	<i>918</i>	<i>2</i>	<i>50</i>
<b>EnergySense (FY19)</b>	<b>30,346</b>	<b>154</b>	<b>1,728</b>
<i>Residential Equipment Rebates</i>	<i>6,768</i>	<i>148</i>	<i>466</i>
<i>Efficient Building Grants</i>	<i>253</i>	<i>5</i>	<i>17</i>
<i>Commerical Equipment Rebates</i>	<i>9,550</i>	<i>-</i>	<i>510</i>
<i>Efficient Construction Grants</i>	<i>13,775</i>	<i>1</i>	<i>736</i>
<b>Total (PY19)</b>	<b>79,380</b>	<b>630</b>	<b>4,681</b>

<b>Lifetime Savings</b>	<b>Total (MMBtus)</b>	<b>Energy (MWh)</b>	<b>CO2 Metric Tons</b>
<b>LIURP (CY19)</b>	<b>1,068,642</b>	<b>10,714</b>	<b>64,598</b>
<i>Home Comfort</i>	<i>1,051,956</i>	<i>10,677</i>	<i>63,681</i>
<i>Low-Income Multifamily Efficiency Pilot</i>	<i>16,686</i>	<i>38</i>	<i>917</i>
<b>EnergySense (FY19)</b>	<b>680,720</b>	<b>3,162</b>	<b>38,559</b>
<i>Residential Equipment Rebates</i>	<i>144,305</i>	<i>2,968</i>	<i>9,799</i>
<i>Efficient Building Grants</i>	<i>8,059</i>	<i>140</i>	<i>529</i>
<i>Commerical Equipment Rebates</i>	<i>202,067</i>	<i>33</i>	<i>10,805</i>
<i>Efficient Construction Grants</i>	<i>326,289</i>	<i>21</i>	<i>17,426</i>
<b>Total (PY19)</b>	<b>1,749,362</b>	<b>13,876</b>	<b>103,157</b>

<b>Natural Gas CO2 Reduction Calculation</b>	
MMBtu saved	1,749,362
MMBtu conversion to MCF	1.030
Conversion to MCF	1,698,409.98
Conversion Factor (metric tons CO2/MCF)	0.0550
Metric tons CO2	93,346.31
Conversion from metric to short tons	1.10231
<b>Calculated short tons of CO2 cumulative - gas only</b>	<b>102,896.57</b>

Calculation and assumptions sourced from EPA "Greenhouse Gases Equivalencies Calculator - Calculations and References"

<https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references>

Source Formula: 0.0053 metric tons CO2/therm x 10.37 therms/MCF = 0.054961 metric tons CO2/MCF

<b>Electricity CO2 Reduction based on EPA formula</b>	
Electric MWh savings	13,876
Conversion to kWh	13,876,100.00
Conversion Factor (metric tons CO2/kWh)	0.0007
Metric tons CO2	9,810.40
Conversion from metric to short tons	1.10231
<b>Calculated short tons of CO2</b>	<b>10,814.11</b>

Calculation and assumptions sourced from EPA "Greenhouse Gases Equivalencies Calculator - Calculations and References"

<https://www.epa.gov/energy/greenhouse-gases-equivalencies-calculator-calculations-and-references>

Source Formula: 1,559 lbs CO2/MWh x (4.536 x 10<sup>-4</sup> metric tons/lb) x 0.001 MWh/kWh = 7.07 x 10<sup>-4</sup> metric tons CO2/kWh

**Total Calculated Short Tons of CO2** **113,710.68**

**Total Calculated Metric Tons of CO2** **103,156.71**