

# **Assessment of All Available Cost-Effective Electric and Gas Savings from Energy Efficiency and Combined Heat & Power (CHP)**

Resolution of the Massachusetts Energy Efficiency Advisory Council  
Adopted July 14, 2009

Be it resolved:

The attached *Assessment of All Available Cost-Effective Electric and Gas Savings* provides a useful and appropriate estimate of the level of all available cost-effective energy efficiency and combined heat and power (CHP) in the Commonwealth; serves the purpose of helping all stakeholders to prepare and optimize the 2010-2012 plans; is appropriate for inclusion in the plans; and, for the first three-year plans developed under the Green Communities Act (GCA), reasonably satisfies the requirement of the GCA to perform such an assessment. The estimates in the Assessment are summarized below.

<b>Estimates of All Available Cost-Effective Annual Energy Savings</b>				
<b>Range</b>	<b>Electric Programs</b>	<b>CHP Electric Savings</b>	<b>Total Electric Savings</b>	<b>Natural Gas Programs</b>
<b>Low</b>	2.5%	0.3%	2.8%	2.0-%
<b>High</b>	2.5+%	0.5%	3.0+%	2.0+%

These estimates are reasonable approximations of high end, aggressive levels of all available cost-effective savings from energy efficiency and CHP. The levels of electric and gas savings potential in the Assessment are distinct from the savings goals that will be set forth in the still-developing 2010-2012 energy efficiency plans, and the 2010-2012 savings goals will take into account a number of additional factors, including, but not limited to, the ramp up to higher savings levels, the benefits and net benefits provided by achieving higher savings levels, and the consideration of rate and bill impacts associated with additional ratepayer funding.

The Council (including voting members and Program Administrators) agrees that a detailed potential study or set of targeted studies, as appropriate, will be performed in 2011, during the course of the initial three-year Plan period, and that an updated assessment of all available cost-effective energy efficiency will be prepared in connection with the next three-year plan to take effect in 2013. The detailed potential study will be informed by the actual experience of enhanced programs in the field in Massachusetts and other states implementing programs to acquire higher energy savings approaching all available cost-effective potential.

Requirements of the Green Communities Act, Section 21:

“(2) A plan shall include: (i) an assessment of the estimated lifetime cost, reliability and magnitude of all available energy efficiency and demand reduction resources that are cost effective or less expensive than supply”