

112TH CONGRESS
1ST SESSION

H. RES. 396

Encouraging energy efficient and environment-friendly building and facility programs to incorporate the use of mechanical insulation as part of their standards and ratings system.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 8, 2011

Mr. MANZULLO (for himself and Mr. RYAN of Ohio) submitted the following resolution; which was referred to the Committee on Energy and Commerce

RESOLUTION

Encouraging energy efficient and environment-friendly building and facility programs to incorporate the use of mechanical insulation as part of their standards and ratings system.

Whereas mechanical insulation is defined to encompass all thermal, acoustical, and personnel safety requirements in mechanical piping and equipment, hot and cold applications, and Heating, Venting & Air Conditioning applications which can be used in a variety of buildings such as manufacturing facilities, power plants, refineries, hospitals, universities, government buildings, and other facilities;

Whereas buildings are responsible for 40 percent of United States energy demand and 40 percent of all greenhouse gas emissions;

Whereas methodically and properly installed and maintained mechanical insulation provides long-term energy efficiency, emission reduction, cost savings, and safety benefits, and can be used to reduce the number of tons of greenhouse gas emissions that could be prevented from release into the atmosphere, prevent loss of energy, control condensation, depending on the thickness of the insulation, protect occupant safety and public health wellness, and regulate surface temperature;

Whereas combined, buildings used in commercial and industrial sectors consume 2.5 times more energy than residential buildings, according to Annual Energy Outlook provided by the Energy Information Administration in December 2008;

Whereas loss of energy can increase the temperature within a facility or area, putting additional stress on other equipment and building infrastructure and reducing that equipment's performance and life expectancy; and

Whereas according to the National Insulation Association, based upon over 2,000 industrial energy assessments and commercial market estimates, implementing a comprehensive mechanical insulation maintenance and upgrade program in the commercial and industrial market segments would lead to \$4,800,000,000 in energy savings per year, reduce 43,000,000 metric tons of carbon dioxide and other greenhouse gas emissions, and create more than 89,000 jobs annually: Now, therefore, be it

1 *Resolved*, That the House of Representatives encour-
2 ages energy efficient and environment-friendly building
3 and facility certification programs to incorporate the use
4 of mechanical insulation as part of their standards and
5 ratings system.

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