

NYSERDA

IBACOS Works with the New York State Energy Research and Development Authority (NYSERDA)

August 1, 2013

There are about 50 million homes that are 30 years old or more in the U.S., and surveys show homeowners are increasingly interested in energy efficient retrofitting. But any strategies for making them dramatically more energy efficient will have to be scalable and adaptable to many different styles of home.

IBACOS is working with the New York State Energy Research and Development Authority (NYSERDA), along with the ABM franchise GreenHomes America, to find new strategies for deep energy retrofits that fit these criteria. Deep energy retrofits go well beyond the average energy efficiency improvement.

After recruiting four New York state homeowners to participate in the first phase of this project, teams tried different insulation strategies that included rigid panel insulation and open cell polyurethane spray foam insulation. The homes also received new windows or had windows relocated, their below grade foundation sealed, and roofs sealed to the walls.

So far, the project homes have shown dramatic energy savings, and it's estimated that when properly and carefully installed, these strategies can reduce the whole building energy load by 60-75%. IBACOS' Duncan Prah, Senior Advisor on the NYSERDA project, says, "This project offers a great opportunity for homeowners to be on the leading edge of the next-generation, sustainable construction."

IBACOS will provide technical support, monitoring, and analysis of the homes through 2013. To find out more about this project, check out the NYSERDA website.