





Helping consumers conserve energy, Connecticut Natural Gas,

*an Energy East Company*, is helping home owners choose energy efficient heating & air conditioning equipment. We've all heard the news about rising energy prices, and felt the effects of soaring energy costs. Well Connecticut Natural Gas is helping! How? By promoting newer more efficient natural gas equipment. Together with Builder Doug Veal, CNG is getting it done.

Currently under construction at 306 Tryon Road in Glastonbury, CT, this unique Colonial is sporting a North American first. A Natural Gas absorption heatpump (manufactured by The Robur Corporation, Evansville, IN).

What is a Gas absorption Heatpump? It's an <u>ultra high</u> efficient natural gas boiler and air conditioner in one.

Traditional gas boilers have efficiencies of 80-88%. The gas absorption heatpump uses heat from the air (or water from the ground) to offer efficiencies well over 100%. (In fact as rated by the American Gas Association now known as CSA, as high as 140% efficiency).





And that's not all.

The gas absorption heatpump also reverses the cycle, and provides chilled water to provide cooling too!

We've all heard of the electric distribution issues facing Connecticut such as the new Federally Mandated Congestion Charges (FMCC), and higher electrical costs as a result of Connecticut's Demand for Power. Well the DPUC (Department of Public Utility Commission) has spent this past year coming up with ways to remove power from the grid. The Gas Absorption

heatpump does just that. It prevents more electrical demand from going on the grid. In fact the two gas absorption heatpumps being installed at this house require only 1.8 kw of electricity. Traditional electric air conditioners, would have required over 5 times that amount.