

Presentation features new heat pump technology

By **Janet Hefler** - Jun 22, 2011

An innovative heat pump project that reduces fossil fuel use will be featured in a presentation hosted by Nelson Mechanical Design (NMD) and the Vineyard Energy Project (VEP) on June 29. The event at 59 Hidden Valley Road in West Tisbury kicks off with a reception from 4-4:30 pm.

The focus of the presentation is a new Daikin AC Altherma air-to-water heat pump installed at the home of Ted Bayne and Lea Delacour. It provides radiant heating and hot water, and significantly reduces the amount of propane used by the existing boiler, according to a press release from NMD president Brian Nelson. Daikin AC plans to feature the project's success as a case study on its website, www.daikinac.com, Mr. Nelson said.

Lance Dyer, Daikin AC's Northeast U.S. Altherma representative, will start the presentation with a description of the new heat pump's features. Mr. Nelson will explain the design, engineering, and installation of the system and how it minimizes use of the boiler.

Mr. Bayne and Ms. Delacour will offer the homeowners' perspectives about the heat pump's features and cost savings. Paul Pimentel of VEP and Vineyard Power will discuss how efficient heat pumps in new construction and retrofits in homes like theirs tie into the Martha's Vineyard Commission's Island Plan goals for energy efficiency and self-sufficiency.

For more information contact NMD at 508-572-4886 or VEP at 508-693-3002.

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