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Appledore Engineering's new headquarters earns EPA's Energy Star

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Appledore Engineering, Inc. headquarters at 177 Corporate Dr. has earned the U.S. Environmental Protection Agency's (EPA's) prestigious Energy Star, the national symbol for superior energy efficiency and environmental protection. This signifies that the building's energy performance rates in the top 25% of facilities nationwide.

Appledore's new headquarters earned a rating of 92, placing the building's energy performance rating in the top 8% of facilities in the nation. EPA's national energy performance rating system provides a 1-100 scale that helps organizations assess how efficiently their buildings use energy relative to similar buildings nationwide. Appledore's building is the only office building to date in New Hampshire to earn the Energy Star for 2009.

The energy efficiency of the Appledore Engineering building can be attributed to the design that incorporates structurally insulated roof panels, energy efficient windows and lighting as well as a variable frequency drive heat pump mechanical system. Commercial buildings that earn the Energy Star use an average of 35% less energy than typical buildings and also release 35% less carbon dioxide into the atmosphere.

"Improving the energy efficiency of our nation's buildings is critical to preserving our environment and our natural resources," said Kathleen Hogan, director of EPA's climate protection partnerships division. "From office buildings to hotels, supermarkets to schools, the Energy Star distinguishes those organizations who are taking environmental responsibility into their own hands."

Energy Star was introduced by EPA in 1992 as a voluntary, market-based partnership to reduce greenhouse gas emissions through energy efficiency. Today, the Energy Star label can be found on more than 60 different kinds of products, new homes, and commercial and industrial buildings. Products and buildings that have earned the Energy Star designation prevent greenhouse gas emissions by meeting strict energy-efficiency specifications set by the government. Last year alone, Americans, with the help of Energy Star, saved about \$19 billion on their energy bills while reducing the greenhouse gas emissions equivalent to those of 29 million vehicles.

Appledore Engineering, Inc, is a civil engineering consulting firm working on the planning, site design and permitting for a variety of sustainable, low impact projects throughout New England. Appledore's project experience includes retail, hospitality, educational, office, recreational, industrial, federal and municipal projects. Appledore's staff of professional civil engineers includes LEED accredited professionals and certified erosion control specialists.