

Media Release

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VisualDOE 4.0 - A Sustainable Building Design Tool

Architectural Energy Corporation is proud to announce VisualDOE 4.0, the 10th Anniversary Edition of its popular energy simulation program.

VisualDOE 4.0 is a powerful, yet easy-to-use "front end" to DOE2.1E, the industry-standard, building energy simulation program. VisualDOE is developed and supported by architects and engineers as a tool for designers and building scientists to accurately model the performance of building design alternatives. VisualDOE is also commonly used to perform energy calculations for LEED certification.

VisualDOE covers all major building systems including lighting, daylighting, HVAC, water heating, and the building envelope. Among the wide range of simulation results are electricity and gas consumption, electric demand, and utility cost. Hourly results are available for detailed analysis.

VisualDOE is packaged with the latest version of DOE2.1E from Lawrence Berkeley National Laboratory. VisualDOE saves time by automating the process of writing the input file, running the simulation and extracting the results from the output file. No experience with DOE2.1E is necessary, but advanced users have the option to modify the input files directly and still run the simulations from within VisualDOE.

VisualDOE supports both SI and IP units and has thousands of licensed users in more than 40 countries. Architectural Energy Corporation provides free technical supports for one year via email, phone, web resources, and user newsletters with the purchase of any new license or upgrade. In addition, Architectural Energy Corporation offers several VisualDOE training seminars throughout the year.

Among the new features added to VisualDOE are the ability to perform advanced editing to more easily create design alternatives, automatic "check model" review that detect missing inputs, more powerful diagnostic tools, LEED™-style output reports. Other enhancements include an improved custom block editor, smart HVAC defaults, improved output reports, and updated documentation.

Architectural Energy Corporation has scheduled two training seminars to accompany the release of VisualDOE 4.0. These courses provide hands-on DOE-2 simulation experience and cover the full range of features. An optional third training day focuses on how to use VisualDOE v4.0 for LEED™ energy saving calculations. Seminars are

scheduled for June 16-18, 2004 and October 20-22, 2004 at AEC's San Francisco office.

More information, a free demo download, and online order forms are available at <http://www.archenergy.com/products/visualdoe/>.

Architectural Energy Corporation (AEC) is an interdisciplinary, privately held engineering firm concerned with energy, buildings and the environment. AEC assists its clients to design, commission and operate their buildings at peak performance over their useful life. This mission is accomplished through a comprehensive and innovative suite of professional services and products which address sustainable design and analysis; commissioning and diagnostic testing; utility and energy service company engineering services; energy information systems, services and data acquisition equipment; Internet services; hardware and software product development; performance evaluation; and market transformation services.

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