# Press Release

HOMER ENERGY

## HOMER® Featured on New US Government Energy Site

***HOMER® Energy software is featured as part of a new Department of Energy (DOE) initiative to share technical energy information with the public and international community through an interactive web portal called Open Energy Information at http://en.openei.org/wiki/HOMER. HOMER software is an energy modeling program used for designing micropower systems that combine renewable and conventional power sources, and is particularly relevant for developing countries.***

Boulder, CO, January 28, 2010 -- HOMER Energy software is featured as part of a new Department of Energy (DOE) initiative to share technical energy information with the public and international community through an interactive web portal called Open Energy Information http://en.openei.org/wiki/HOMER. The HOMER software, which stands for "hybrid optimization model for electric renewables" is an energy modeling and simulation program used for designing distributed power systems that integrate renewable and conventional energy resources. HOMER is particularly well-suited for designing power systems where the electric grid is unreliable or unavailable.

Unveiled by US Energy Secretary Stephen Chu last month, the Open Energy Information web platform will help make US energy efficiency and renewable energy analysis tools available on a free wiki-platform. Part of the new platform, called the International Clean Energy Analysis Gateway, targets developing countries. Secretary Chu has also announced DOE funding of a new Renewables and Efficiency Deployment Initiative (Climate REDI) to accelerate deployment of renewable energy technologies in developing countries.

The HOMER software identifies least cost designs for sub-utility scale power systems and compares the long-term financial and environmental impacts of different configurations. As the world is moving to higher penetrations of renewable energy, "HOMER's detailed simulation capability is essential for optimizing the mix of variable renewable and conventional power sources," said Peter Lilienthal, developer of HOMER and founder of HOMER Energy. Finally, it models these system configurations under multiple future scenarios, such as changes in fuel prices, power demand, and technology costs.

HOMER was developed at the US National Renewable Energy Laboratory seventeen years ago and has since been downloaded by over 39,000 users in 193 countries. HOMER simplifies the complex task of modeling energy systems and can incorporate wind, solar, conventional engines, micro turbines, fuel cells, batteries and other power sources as inputs.

About HOMER Energy

HOMER Energy is located in Boulder, Colorado. It supplies software and services to the rapidly growing international Renewable Distributed Energy market, forecast to be $80 billion by 2014. In 2009, HOMER Energy received a license from NREL with exclusive rights to enhance, support, and distribute the HOMER software world-wide. For more information about HOMER and to download the software, please visit www.homerenergy.com

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