



Stirling Energy Systems, Inc.

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**FORMER PRESIDENT OF BP WIND ENERGY ROBERT LUKEFAHR TO HEAD
NORTH AMERICAN DEVELOPMENT FOR STIRLING ENERGY SYSTEMS**

Former Head of BP Wind Energy joins Utility-scale Solar Developer

(PHOENIX – February 2, 2009) Phoenix-based Stirling Energy Systems (SES) today announced the appointment of Robert (Bob) Lukefahr as CEO of North American Development. Mr. Lukefahr will be responsible for all aspects of the North American development business which will develop, own and operate grid-scale solar facilities using Stirling's groundbreaking SunCatcher Power System. Mr. Lukefahr will oversee completion of SES's two existing projects with California utilities San Diego Gas & Electric and Southern California Edison, and will build a pipeline of additional projects, with the goal of developing 1,000 MW of new solar plants by the end of 2011.

"Bob's leadership in creating BP's wind business and taking it to a position of industry leadership makes him an ideal match for SES" said Ian Simington, Chairman of SES. "We are very pleased to have an executive of his track record join our company. With the formal establishment of the North American Project Development business complementing our manufacturing business, SES Inc., and our International Development business, we now have all the elements in place to drive global deployment of the SunCatcher Power System."

Bob Lukefahr commented: "After decades of research and development, large scale solar power technology is now ready to play an important role in our clean energy future, one that is clearly recognized in President Obama's stimulus package. With its high availability, record-setting efficiency and minimal water requirements, Stirling Energy's SunCatcher Power System is uniquely positioned to become the premier large scale solar solution in North America. I look forward to working with our electric utility partners to bring this new technology to their customers."

Commenting on the appointment, Steve Cowman, CEO of SES Inc., said, "Bob's focus on delivering our pipeline of projects will open new markets in renewable energy equipment supply and secure employment through our supply base and in particular at our North American automotive sector suppliers. I look forward to working with Bob and his team."

Prior to joining SES, as President of BP Global Wind Energy / BP Power Americas, Mr. Lukefahr created BP's U.S. Wind Energy business in 2006 and built it to become one of the largest wind developers in the US. Under Mr. Lukefahr's leadership, BP's US wind business installed over 1,000 MW of assets in the past two years and developed a pipeline of 20,000 MW

(more)

of projects in development. He also served as a member of the Board of Directors for the American Wind Energy Association. Before joining BP, Mr. Lukefahr was a partner in the energy practice at Booz & Company, a leading strategy consulting firm.

Mr. Lukefahr holds an MBA from the Wharton School at the University of Pennsylvania and a Bachelor of Arts from the University of North Carolina at Chapel Hill.

Stirling Energy Systems

SES was formed in 1996 to develop and commercialize advanced solar technology. The company maintains corporate headquarters in Phoenix, Arizona, offices in Berkeley and Tustin, California, and engineering and test site operations at Sandia National Laboratories in Albuquerque, New Mexico. The SES SunCatcher is a concentrating solar power (CSP) technology that uses mirrors to concentrate the sun's energy and convert it to electricity. CSP technologies include dish systems, parabolic troughs, power towers and concentrating photovoltaic. The dish concentrator tracks, collects and focuses the sun's energy and the Stirling engine converts the thermal energy to grid quality electricity. The SunCatcher technology has significant advantages including power conversion efficiency, cost competitiveness and low water usage. The SunCatcher is a zero emission renewable energy technology. NTR owns a controlling stake in SES.

NTR plc

NTR plc is a leading international developer and operator in renewable energy and sustainable waste management. Founded in 1978, NTR has evolved from being a developer and operator of infrastructure in Ireland to an international developer and operator of renewable energy (wind, solar and bio-ethanol), and sustainable waste management businesses in the USA, UK, and Ireland. The company employs over 4,100 people and has a market capitalization approximating €600m.

More information can be found at <http://www.ntr.ie> and <http://www.stirlingenergy.com>

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