

STATEMENT ON CLEAN ENERGY COOPERATION

The U.S. Department of Energy (DOE), the Australian Department of Resources, Energy and Tourism (DRET), and the Australian Department of Climate Change and Energy Efficiency (DCCEE) announced new U.S.-Australia collaboration in clean energy and energy efficiency, on the occasion of President Obama's November 2011 visit to Australia. These initiatives reflect the critical need to accelerate the transition to clean energy economies in both the United States and Australia to enhance energy security, address climate change, and support sustainable economic growth.

The governments of the United States and Australia have decided to:

- Deepen cooperation between DOE and DCCEE under the auspices of the Clean Energy Ministerial (CEM) process to accelerate the development and commercialization of new equipment and materials, which will enable the adoption of energy efficient building methods and the use of energy efficient appliances.
- Establish new information exchanges between DOE and DCCEE on policy and regulatory best practices related to building codes and rating systems.
- Support collaboration between DOE and DCCEE through CEM on energy efficient labeling systems and implementation of appliance standards.
- Continue support for the Clean Energy Solutions Center, a virtual clearinghouse of clean energy policies and programs to help policymakers with the design and adoption of clean energy programs, co-funded by DOE and DRET.

They also commended the establishment of an institutional partnership on clean energy technologies between the Sydney Theatre Company and the John F. Kennedy Center for the Performing Arts in Washington D.C., which already have a cooperative relationship focused on artistic and cultural exchange. The two institutions are to create a new partnership focused on the adoption of sustainable, clean energy technologies, and sharing best practices and lessons learned. Ultimately, they will share this information with other cultural institutions around the world, to help cultural institutions reduce their carbon footprint.

DOE and DRET reaffirmed their commitment to the United States-Australia Solar Energy Collaboration (USASEC), a U.S.-Australia initiative established in 2010 that seeks to accelerate widespread deployment of solar energy technologies by improving their efficiency, reliability and application. A high-level steering committee, co-chaired by officials from DOE and DRET, sets overall priorities and research directions for USASEC.

To advance those research priorities, DOE and DRET announced nearly \$12 million in new awards from the Australian Solar Institute (ASI) for seven competitively selected USASEC projects. By leveraging this award money, these seven projects have a combined private-public investment of \$32 million, including in-kind contributions from universities in both countries and DOE national laboratories. The awards from ASI for the seven competitively selected

projects were allocated as follows:

- \$1.27 million to the University of New South Wales on solar cell technology in partnership with the National Renewable Energy Laboratory (NREL).
- \$2.48 million to the University of New South Wales for improving solar cell cost-effectiveness in partnership with NREL, AmberWave Inc., Veeco Inc., Yale University, the University of Delaware, and Arizona State University.
- \$2.28 million to the University of New South Wales for solar cell research in partnership with the Lawrence Berkeley National Laboratory, NREL, Arizona State University, Purdue University, and Birck Nanotech Centre.
- \$2.5 million to the Commonwealth Scientific and Industrial Research Organisation (CSIRO) for Solar research in partnership with Sandia National Laboratories, NREL, the University of Sydney, Queensland University of Technology, and Barber Nicholls Inc.
- \$1.32 million to the CSIRO for improving energy yield models for photovoltaic power systems in partnership with the NREL, Australia Solar Centre and others.
- \$1.44 million to the Australian National University for Improved Dish Concentrators in partnership with Sandia National Laboratories and CSIRO.
- \$713,000 to CSIRO for integrated solar radiation data sources over Australia in partnership with the NREL and the Bureau of Meteorology.

Also announced was the launch of three researcher exchanges under USASEC. Researchers from institutes in Australia (CSIRO and the Australian National University) will be placed at U.S. universities and laboratories (Sandia, NREL and the University of California at Santa Barbara) to help accelerate solar technology innovations.