

U.S. DEPARTMENT OF ENERGY
STATE ENERGY ADVISORY BOARD
Resolution 06-03

BACKGROUND

With record high energy prices, energy trade imbalance and related national security concerns, new energy efficient and renewable energy technologies are needed in the marketplace today. We believe the recommendations below will assist the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) more rapidly harvest the fruits of its technology research and development investments and accelerate market acceptance of these technologies.

ISSUE

Researchers are not marketers; therefore many market-ready, but esoteric technologies may exist in national laboratories and within EERE program areas. To bridge the technology commercialization "valley of death," demonstration and early utilization are critical for launching a technology up the success curve. This begins with information dissemination and awareness, followed by strategic technology transfer.

RECOMMENDATION

To simplify and make information easily available on the emerging technologies that are not yet commercially offered, members of the State Energy Advisory Board (STEAB) recommend to EERE the following strategies:

- Create a working matrix that captures all near-commercial technologies developed at DOE labs, as well as other technologies supported by EERE programs
- Develop a central EERE information bank on all market-ready technologies
- For information dissemination, leverage local, state and national organizational networks including, but not limited to those listed in Appendix A
- Task the Project Management Center (PMC) to coordinate information between and among the EERE Programs, the National Laboratories, the States and other entities on these technologies.

In addition, to ensure continuous improvement and feedback, STEAB strongly encourages EERE to engage the STEAB board members as these strategies are pursued.

Appendix A

Listing of local, state and national organizational networks for information dissemination:

Energy Efficiency and Renewable Energy Trade Associations

- National Association of Energy Services Companies (NAESCO)
- Energy Services Coalition (ESC)
- American Wind Energy Association (AWEA)
- American Solar Energy Society (ASES)
- National Association of State Energy Officials (NASEO)
- National Association for State Community Services Programs (NASCSPP)
- National Community Action Foundation (NCAF)
- Alliance to Save Energy (ASE)
- American Council for an Energy Efficiency Economy (ACEEE)

Regional Energy Efficiency Partnerships

- Midwest Energy Efficiency Alliance (MEEA)
- Northeast Energy Efficiency Partnership (NEEP)
- Northwest Energy Efficiency Council (NEEC)
- Northwest Energy Efficiency Alliance (NEEA)
- Southeast Energy Efficiency Alliance (SEEA)
- Southwest Energy Efficiency Partnership (SWEPP)

University Science and Technology Commercialization Programs

- University of Texas IC² Institute, Master of Science Program in Commercialization of Science and Technology
- University of Washington Business School, Center for Innovation and Entrepreneurship (CIE)
- University of Maryland, University College, Master of Science in Technology Management
- North Carolina State University, Technology Education and Commercialization Program, HiTec Turning Technology into Business