

State Technologies Advancement Collaborative (STAC)

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STAC Selects Three Hydrogen Technology Learning Center Proposals for Federal Funding

– Diverse Projects Involve Participants from Nine States –

WASHINGTON, DC (March 12, 2004)—The State Technologies Advancement Collaborative (STAC) today announced the results of its solicitation for the creation of hydrogen technology learning centers. The STAC Executive Committee approved funding for three projects valued at \$446,595, with out year commitments of \$1,150,886 from the U.S. Department of Energy subject to the availability of appropriations, based upon a determination that these projects represent the best of the proposals submitted. Of the total project costs of \$2,131,097, more than \$533,616 of the value represents implementation costs to be shared by non-federal government entities in addition to the approximately \$1,597,481 in funding from the STAC program.

The projects selected seek to educate students, potential end-users, and the public about the vision of a hydrogen economy and hydrogen technologies—activities that contribute to both the President’s Hydrogen Fuel Initiative and the National Energy Policy recommendation for a public education campaign about hydrogen technology.

“Combining state and federal efforts toward one of the President’s energy initiatives is an exciting prospect and a new formula for addressing the energy challenges of this nation” said David Garman, Assistant Secretary for Energy Efficiency and Renewable Energy. “The collaborative is proving extremely successful in other areas and we look forward to positive results from these new awards.”

Robert S. Kripowicz, STAC Program Director, announced the results of the solicitation review. “I’m extraordinarily pleased with the quality and diversity of the selected proposals. These projects involve participants from nine states. This cooperative effort with the Department of Energy’s Hydrogen Fuel Cells and Infrastructure Technologies program, within the Office of Energy Efficiency and Renewable Energy, demonstrates the success and efficiency of combining federal and state energy efforts.”

Final project awards are contingent on achieving the mandatory requirements of the solicitation in the contract negotiation process, which STAC expects to complete during the next four weeks. The proposals selected for award are summarized below:

Hydrogen Technology Learning Centers for California, Florida, and New York

This 18-month effort will establish learning centers in the three named states. The project participants will develop interactive displays and exhibits, set up a website, produce information publications, and conduct a national conference.

Total project cost: \$1,000,000

Funding request: \$750,000

Project Lead: University of Central Florida-Florida Solar Energy Center

Project Participants: San Diego Miramar College University of California(Davis), Rochester Institute of Technology, New York State Energy Research and Development Authority(NYSERDA), and the California Energy Commission.

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Virginia-Maryland Hydrogen Technology Education Center (H2TEC)

This three-year project will establish a new undergraduate course in hydrogen technology in the two states, as well as graduate study in the hydrogen area. Short courses and seminars for professionals will be offered. In addition, presentations for non-technical audiences will be developed and K-12 outreach is also included.

Total project cost: \$666,293

Funding request: \$498,879

Project Lead: Virginia Polytechnic Institute and State University (Alexandria Research Institute)

Project Participants: University of Maryland at College Park, Breakthrough Technologies Institute, Hampton Roads Clean cities Coalition

Development of a Regional Hydrogen Technology Education Consortium (HyTEC)

This three-year effort led by a consortium of four universities from four states will provide education and training for students, professionals, and the public. The consortium will establish centers at each university, develop courses, workshops, establish a quarterly electronic newsletter, and develop and disseminate K - 12 outreach materials.

Total project cost: \$464,804

Funding request: \$348,602

Project Lead: North Carolina A&T University

Project Participants: University of South Carolina, University of Georgia, University of Florida

In all, there were 61 proposals received under the first STAC solicitation (including hydrogen proposals and other program areas) valued at approximately \$68 million. More than \$40 million of the proposals' value was cost-share. Thirteen proposals valued at \$16, 806,000, including \$9,793,000 in cost-sharing by non-Federal entities were announced on January 30, 2004.

The solicitation, which closed in September, is being administered by the National Association of State Energy Officials (NASEO) on behalf of the STAC Executive Committee. The solicitation supports joint energy research, development, demonstration and deployment of technologies where common Federal and State objectives exist. The program and the solicitation emphasize the wide dissemination of results from projects and the transfer of technologies for broad application and impact.

STAC is a five-year pilot program funded by the U.S. Department of Energy and directed by an Executive Committee that includes representatives of the Association of State Energy Research and Technology Transfer Institutions (ASERTTI), NASEO, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) and Office of Fossil Energy (FE), and an independent member. To learn more about STAC, please visit www.naseo.org/stac. For more information about EERE's Hydrogen Fuel Cells and Infrastructure Technologies Program, please visit www.eere.energy.gov/hydrogenandfuelcells.