

State Technologies Advancement Collaborative—STAC

DOE – ASERTTI – NASEO

FOR IMMEDIATE RELEASE – November 11, 2004 Contact: Robert Kripowicz 301.620.2377

\$29 Million in Proposed “Bridge” R&D Projects Submitted for STAC Consideration

-Solicitation Funded by U.S. Dept. of Energy Supports Shared Federal-State Objectives-

WASHINGTON, DC (November 11, 2004) — Thirty-five proposals collectively valued at approximately \$29 million were submitted in response to the State Technologies Advancement Collaborative’s (STAC) Energy Efficiency and Fossil Energy Science Solicitation. More than \$7.5 million of the proposals’ value represents costs proposed to be shared by non-federal government entities. The multi-state proposals are from State and Territory Energy Offices, State universities and research institutions, and other qualified organizations from across the nation. Proposals target five areas:

- (1) Materials Sciences – Including Micro-Materials and Materials for Process Application
 - 9 proposals received totaling \$9,358,249
- (2) Fuels and Chemical Sciences – Including Synthesis Gas Science, Hydrogen Separation Technology, Combustion Systems Technology
 - 7 proposals received totaling \$5,876,507
- (3) Sensors and Controls Sciences – Including Process Optimization, Emission Reduction/Sequestration, Building System Integration, Embedded Sensors
 - 8 proposals received totaling \$6,813,393
- (4) Energy Conversion Sciences – Including Motor Control & Power Conversion Technologies, Direct Thermal-to-electric Energy Converters, Islanding and Grid Independent Power Generation
 - 5 proposals received totaling \$4,223,317
- (5) Emissions Reduction and Environmental Sciences – Including CO2 Capture and Sequestration
 - 6 proposals received totaling \$2,914,841

The solicitation, which included a closing date of September 24, 2004, is being administered by the National Association of State Energy Officials (NASEO) on behalf of the STAC Executive Committee. The objective of this particular solicitation is to pursue “bridge” research and development (R&D) of interest to STAC and both the U.S. Department of Energy’s Office of Energy Efficiency and Renewable Energy (EERE) and Office of Fossil Energy (FE), with ultimate applications that will promote energy efficiency and clean use of fossil energy. This category of research and development occupies the spectrum between exploratory science and pre-commercial applied R&D. The program and the solicitation emphasize the wide dissemination of results from potential projects and the transfer of technologies for broad application and impact. The multi-state proposals are competing for approximately \$4.3 million in funding. Bob Kripowicz, STAC Program Director, anticipates selection of projects next month with award negotiations completed soon thereafter.

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 National Association of State Energy Officials (NASEO), the Association of State Energy Research and Technology Transfer Institutions (ASERTTI), 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. For previous Energy Efficiency, RDD&D and Hydrogen solicitations, STAC awarded \$8.6 million for 16 projects involving 31 states and valued at over \$18 million. To learn more about STAC, please visit www.naseo.org/stac.

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