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FUEL CELL CONNECTION – September 2010 Issue

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Administration

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RFP / Solicitation News

1. USDA REAP Offers Funding for Renewable Energy Feasibility Studies

The U.S. Department of Agriculture (USDA) is accepting applications from agriculture producers and rural small businesses for Rural Energy for America Program (REAP) funding to conduct feasibility studies for renewable energy systems. Eligible feasibility studies for renewable energy systems include “projects that will produce energy from wind, solar, biomass, geothermal, hydro power and hydrogen-based sources.” A total of \$3 million is available under this notice, with maximum grants of \$50,000 per study. The deadline for applications is October 5, 2010.

<http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=2010/09/0445.xml>

2. Army Issues Sources Sought Notice for Advancement of Materials, Processes

The U.S. Army, Army Contracting Command Joint Munitions & Lethality Contracting Center issued a Market Research/Sources Sought Notice for technologies including renewable energy. In the Environmental Technologies area, the Army cites an interest in sources to “Develop and evaluate technologies, processes and systems for biofuel, waste to energy and other renewable energy production in centralized or distributed configurations.” All interested companies should provide their capabilities and qualifications via email by October 8, 2010.

<https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=d87a8b57d49f0f22a2904d3eb638662e>

3. DOE Solicitation Issued for Electrical Energy Storage Research at Universities

The U.S. Department of Energy (DOE) Office of Electricity (OE) Energy Storage Systems Program issued a solicitation through Sandia National Laboratories for university applied research projects in novel electrical energy storage for grid applications. The solicitation specifically seeks proposals with research efforts “focused on novel materials, electrodes, electrolytes, membranes and other components, along with new concepts for ultra low cost, high efficiency and long lasting energy storage systems.” Approximately \$3 million is available under this solicitation, which is limited to U.S. universities. The maximum award per contract is \$600,000. Pre-proposal Concept Papers are required and due by October 8, 2010.

https://www.fbo.gov/index?s=opportunity&mode=form&id=548f008bb14ebf37e7a52d6ea4250a05&tab=core&_cview=0

4. Hydrogen Student Design Contest Opens Registration

The focus of the 2010-2011 Hydrogen Student Design Contest is for university student teams to design a residential hydrogen fueling system. The contest, sponsored by the U.S. Department of Energy and administered by the Hydrogen Education Foundation, will award a grand prize of an expenses-paid trip for the winning team to present its entry at the 2011 National Hydrogen Association Conference and Expo. Teams must register by October 15, 2010.

http://www.hydrogen.energy.gov/news_20100903.html

5. TARDEC Conducts Market Survey of Technologies for Ground Vehicle Survivability

The U.S. Army Tank and Automotive Research, Development, and Engineering Center (TARDEC) is conducting a market survey to identify technologies for ground vehicle survivability and occupant protection. Among desired attributes are “Signature Management technologies or designs that reduce the thermal, acoustic, or RF signature of the vehicle system.” There is no funding under this solicitation. Responses to the market survey are due by October 28, 2010.

https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=0a96d19ca9f6d5388b537972e5574031&_cview=0

6. CCEF Begins Accepting Applications for Operational Demonstration Program

The Connecticut Clean Energy Fund (CCEF) has begun accepting applications for its new Operational Demonstration (Op Demo) Program, which offers unsecured loans of between \$150,000 and \$500,000 to support installation, testing, and demonstration of pre-commercial technologies at host sites in Connecticut. Eligible technology areas include “Fuel cells and hydrogen production” and “Combined Heat and Power.” The Op Demo Program has a budget of \$4 million over the next two fiscal years, enabling the support of up to six projects per year. The deadline for applications to this first funding cycle is December 3, 2010.

<http://www.ctcleanenergy.com/YourBusinessorInstitution/OperationalDemonstrationProgram/tabid/551/Default.aspx>

7. EPA Annual P3 Awards Now Accepting Proposals for Research Areas, Including Energy

The Environmental Protection Agency (EPA) is now accepting applications for its 8th Annual P3 Awards: A National Student Design Competition for Sustainability Focusing on People, Prosperity and the Planet. Research areas include "Energy" and "Materials and Chemicals." EPA anticipates approximately 64 Phase I contract awards of up to \$15,000 each to be awarded for this solicitation. Only degree-granting public or private institutions of higher education located in the U.S. are eligible to apply. The deadline for applications is December 22, 2010.

http://www.epa.gov/ncer/rfa/2011/2011_p3.html

8. NAVAIR BAA Includes Fuel Cell Systems Among Technologies of Interest

The Science and Technology Office of the Naval Air Systems Command (NAVAIR) Propulsion and Power Engineering Department issued a "Broad Agency Announcement (BAA) for Prognostics, Diagnostics, & Health Monitoring; Advanced Aircraft Power Systems; Fuel Technology; Aircraft Energy Conservation & Environmental Compliance." Fuel Cell Systems are among the advanced power system technologies of interest in the Advanced Aircraft Power Systems section of the BAA. White Papers (WPs) are required from prospective offerors. Only offerors WPs "found to be consistent with the intent of the BAA will be invited to submit a Formal Cost and Technical Proposal." The BAA will remain open until August 27, 2011.

http://www.navair.navy.mil/index.cfm?fuseaction=home.solicitation_view&Sol_No=N68335-10-R-0303

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Press releases and story ideas may be forwarded to Bernadette Geyer, editor, for consideration at fuelcellconnection@yahoo.com.

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**About Fuel Cell Connection**  
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US Fuel Cell Council -- The US Fuel Cell Council is the business association for anyone seeking to foster the commercialization of fuel cells in the United States. Our membership includes producers of all types of fuel cells, as well as major suppliers and customers. The Council is member driven, with eight active Working Groups focusing on: Codes & Standards; Transportation; Power Generation; Portable Power; Stack Materials and Components; Sustainability; Government Affairs; and Education & Marketing. The Council provides its members with an opportunity to develop policies and directions for the fuel cell industry, and also gives every member the chance to benefit from one-on-one interaction with colleagues and opinion leaders important to the industry. Members also have access to exclusive data, studies, reports and analyses prepared by the Council, and access to the "Members Only" section of its web site.

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