

FUEL CELL AND HYDROGEN ENERGY ASSOCIATION

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## FUEL CELL CONNECTION – December 2010 Issue

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#### RFP / Solicitation News

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1. DOE Extends Deadline for RFI on Fuel Cell Early Market Opportunities

The U.S. Department of Energy (DOE) extended the deadline and adjusted the language of its Request for Information (RFI) on the subject of Fuel Cell Technologies Early Market Opportunities. Feedback is desired in three topic areas: Turnkey Project Approaches for Distributed Generation (DG) Fuel Cells in Federal Facilities; Turnkey Project Approaches for Hydrogen Energy Storage for Renewable Power Generation; and Ground Support Equipment (GSE) for Commercial or Government-Owned Airports. Responses to the RFI are now due January 18, 2011. The full RFI can be found by searching on the reference number DE-FOA-0000429 at the FedConnect link below.

https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx

2. ONR Seeks Proposals for Renewable Sustainable Expeditionary Power

The Office of Naval Research (ONR) issued Broad Agency Announcement (BAA) 11-002, Renewable Sustainable Expeditionary Power. The solicitation seeks proposals for renewable-based 3-kW power systems. ONR anticipates up to 4 awards will result from the BAA, with a total of \$13.0 million available. A Webinar will be held prior to the White Paper due date. White Papers are required by January 28, 2011. Successful White Paper applicants will be asked to submit a Full Proposal, with a due date for Full Proposals of April 8, 2011.

<https://www.fbo.gov/index?s=opportunity&mode=form&id=106ba55daed801159c4eb0ad3a5f5a37&tab=core&cvview=1>

3. PNNL Solicitation to Deploy CHP and CCHP Fuel Cell Systems

The Pacific Northwest National Laboratory (PNNL) issued a solicitation titled "Deployment of Stationary Combined Heat and Power (CHP) and Combined Cooling, Heating, and Electric Power (CCHP) Fuel Cell Systems (FCSs) for Small Commercial Applications." The solicitation notes that the desired size of the systems be a range of 5 kWe to 100 kWe, and heat between a range of 3 kW to 230 kW, and that any type of fuel cell technology is eligible. A total of up to \$2.2 million is available for awards under this solicitation. The maximum award size for an individual project is \$950,000. PNNL anticipates deploying 2-25 units or more per project award. The closing date for the solicitation is January 31, 2011.

<https://ebs.pnl.gov/ViewSolicitation.aspx?SolID=177>

4. CEC PIER EISG Electricity Program Solicitation Issued

The California Energy Commission (CEC) Public Interest Energy Research (PIER) Energy Innovations Small Grant (EISG) Program has issued Program Solicitation Notice 10-03 (Electricity Program) to support the early development of promising new energy technology concepts. Eligible R&D subject areas include Environmentally Preferred Advanced Generation, Renewable Generation, and Building End-use Efficiency. Approximately \$2.6 million is available for this solicitation. Individual grants of up to \$95,000 are available for hardware projects requiring physical testing and up to \$50,000 for modeling projects. Pre-proposal abstracts are optional. The closing date for full proposals is February 1, 2011.

http://www.energy.ca.gov/contracts/smallgrant/10-03_electricity/index.html

5. CEC PIER EISG Natural Gas Program Solicitation Issued

The California Energy Commission (CEC) Public Interest Energy Research (PIER) Energy Innovations Small Grant (EISG) Program has issued Program Solicitation Notice 10-03G (Natural Gas Program) in support of advanced natural gas technologies that propose innovative solutions to energy problems. Eligible R&D subject areas include Natural Gas Energy Efficiency, Advanced Generation Concepts, and Renewable Energy Technologies. Individual grants of up to \$95,000 are available for hardware projects requiring physical testing and up to \$50,000 for modeling projects. Pre-proposal abstracts are optional. The closing date for full proposals is February 1, 2011.

http://www.energy.ca.gov/contracts/smallgrant/10-03G_naturalgas/index.html

6. CEC PIER EISG Issues Electricity Solicitation for Transportation Program

The California Energy Commission (CEC) Public Interest Energy Research (PIER) Energy Innovations Small Grant Program (EISG) has issued Program Solicitation Notice 10-03T Electricity (Transportation Program). The solicitation highlights examples of potential project subjects including "Research to develop improved or novel accessories for reduced energy consumption." Awards are a maximum \$95,000 per grant for

hardware projects requiring physical testing and \$50,000 per grant for modeling projects. Pre-proposal abstracts are optional. The closing date for full proposals is February 1, 2011.

http://www.energy.ca.gov/contracts/smallgrant/10-03T_electricity/index.html

7. CEC PIER EISG Issues Natural Gas Solicitation for Transportation Program

The California Energy Commission (CEC) Public Interest Energy Research (PIER) Energy Innovations Small Grant Program (EISG) has issued Program Solicitation Notice 10-02T Natural Gas (Transportation Program). Topics of interest under this solicitation include Vehicle Technologies and Alternative Fuels. Awards are a maximum \$95,000 per grant for hardware projects requiring physical testing and \$50,000 per grant for modeling projects. Pre-proposal abstracts are optional. The closing date for full proposals is February 1, 2011.

http://www.energy.ca.gov/contracts/smallgrant/10-02T_naturalgas/index.html

8. DOE to Fund Fuel Cell and Hydrogen Storage Cost Analyses

The U.S. Department of Energy (DOE) is accepting applications for up to \$9 million for independent cost analyses in three topic areas: 1) Transportation PEM Fuel Cell System Cost Assessment; 2) Stationary and Emerging Market Fuel Cell System Cost Assessment; and 3) Hydrogen Storage Cost Assessment. Up to \$2 million is available for up to 2 awards under Topic 1; up to \$4 million is available for up to 2 awards under Topic 2; and up to \$3 million is available for up to 2 awards under Topic 3. Applications are due February 18, 2011. For more information, search for DE-FOA-0000420 on the FedConnect Funding Opportunity Announcement page.

<https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000420&agency=DOE>

9. Fuel Cell Vehicle Testing and Evaluation Included in \$184 Million NETL FOA

The National Energy Technology Laboratory (NETL) has issued its FY2011 Vehicle Technologies Program Wide Funding Opportunity Announcement (FOA), which includes testing of hydrogen fuels and fuel cell powertrains in its "Advanced Vehicle Testing and Evaluation" Area of Interest. A total of \$184 million is available for funding projects through this solicitation. Applications are due February 28, 2011. For more information, search on reference number DE-FOA-0000239 on the FedConnect Funding Opportunity Announcement page.

https://www.fedconnect.net/FedConnect/PublicPages/PublicSearch/Public_Opportunities.aspx

10. DOE Accepting Applications for Fuel Cell Component Research and Development

The U.S. Department of Energy (DOE) is accepting applications for \$65 million for research and development "in the areas of fuel cell system balance-of-plant, fuel cell components, and innovative concepts that will reduce the cost, improve the durability, and increase the efficiency of fuel cell systems." Maximum per project funding varies depending on which of the seven Topic Areas the proposal addresses. Applications are due by March 3, 2011. For more information, search for DE-FOA-0000360 on the FedConnect Funding Opportunity Announcement page.

<https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000360&agency=DOE>

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Press releases and story ideas may be forwarded to Bernadette Geyer, editor, for consideration at [fuelcellconnection @ yahoo.com](mailto:fuelcellconnection@yahoo.com).

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