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## FUEL CELL CONNECTION – August 2010 Issue

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#### RFP / Solicitation News

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1. PNNL Offers License Rights for Materials for Hydrogen Storage

Pacific Northwest National Laboratory (PNNL) issued a solicitation for companies who have an interest in obtaining license rights to commercialize, manufacture, and market new materials that “are suitable to store high densities of hydrogen for a variety of applications such as automotive auxiliary and propulsion power, distributed and remote power generation, and small consumer electronics.” Responses are due by September 1, 2010.

https://www.fbo.gov/index?s=opportunity&mode=form&id=452bbc6d24bfc29812509ad747a12c95&tab=core&_cview=0

2. PNNL Offers License for Technology to Control Foaming in Hydrogen Release from Boranes

Pacific Northwest National Laboratory (PNNL) issued a solicitation for companies interested in obtaining license rights to commercialize, manufacture, and market a technology to control foaming in hydrogen release from boranes. Responses are due by September 1, 2010.

https://www.fbo.gov/index?s=opportunity&mode=form&id=a4f96e3ae3131050304a8a34bdbaa2ef&tab=core&_cview=0

3. DOE Seeks Input on Energy Education and Technical Training Efforts

The U.S. Department of Energy (DOE) issued a Request for Information (RFI) to help determine the scope and priorities of its future education and workforce development programs. Responses should “consider the full array of energy technologies including, but not limited to, energy efficiency, renewable energy, energy conservation, smart grid use, low-carbon fossil fuels, smart grid storage, nuclear energy, other related areas and all levels and types of education.” The deadline for responses to this RFI is September 3, 2010. The full solicitation can be found by searching on Reference Number DE-FOA-0000402 at

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

4. Ohio Releases Third Frontier RFP for Fuel Cell Projects in the State

The Ohio Department of Development issued its FY2011 Ohio Third Frontier Fuel Cell Program Request for Proposals (RFP), which will award up to \$7 million for projects to accelerate the development and growth of the fuel cell industry in the state. The maximum funding per grant is \$1 million. Letters of intent are required and due by 2:00 p.m. September 10, 2010. Written questions will be accepted through September 23, 2010. The deadline for proposals is October 7, 2010.

<http://www.development.ohio.gov/OhioThirdFrontier/FuelCellProgram2011RFP.htm>

5. GE Ecomagination Challenge Invites Ideas for Next-Generation Power Grid

General Electric (GE) has launched a \$200 million innovation program, the GE Ecomagination Challenge, which invites ideas to build the next-generation power grid. The three categories for submission are “Create – Renewable Energy,” “Connect – Grid Efficiency,” and “Use – EcoHomes/EcoBuildings.” A panel of representatives from GE and its investment partners will evaluate entries and select which will receive cash awards. Selected entrants may also be considered for cooperative agreements. Ideas may be submitted until September 30, 2010.

<http://challenge.ecomagination.com/ideas>

6. Loan Guarantee Program to Assist with Renewable Energy Manufacturing Projects

The U.S. Department of Energy (DOE) issued the Commercial Technology Manufacturing Systems and Components loan guarantee solicitation, which is supported by the American Recovery and Reinvestment Act. The solicitation seeks “applications for projects that manufacture commercial technology renewable energy systems and components.” Up to \$750 million is available “to pay the credit subsidy costs of loan guarantees issued through this solicitation.” The first Part I deadline is September 30, 2010.

<http://www.energy.gov/news/9343.htm>

7. DOE to Fund Geothermal Heat Recovery Technology R&D

The U.S. Department of Energy (DOE) issued a Request for Proposals (RFP) to fund geothermal heat recovery technologies “that mitigate or preclude potential adverse environmental impacts of geothermal

energy development, production or use” including “innovative methods for extracting heat.” The solicitation specifies an interest in innovation in “other aspects of the total system design (e.g. power conversion technologies).” Applicants may apply for funding for Phase I only, or Phase I and Phase II funding. Approximately \$7.5 million total is expected to be available. DOE anticipates Phase I awards in the range of \$500,000. Pre-applications are required and due by October 1, 2010. Full applications are due by November 30, 2010.

<https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000336&agency=DOE>

8. DOE Extends Deadline for Renewable Energy, Energy Efficiency Loan Guarantees

The U.S. Department of Energy (DOE) has extended the deadline for Part I applications for Round 8 of its Energy Efficiency, Renewable Energy and Advanced Transmission and Distribution Technologies loan guarantee solicitation. A total of \$8.5 billion was made available for the solicitation, which will remain open until all funding is obligated. Loan guarantees are intended to support “debt financing for projects in the United States that employ energy efficiency, renewable energy, and advanced transmission and distribution technologies that constitute New or Significantly Improved Technologies.” The deadline for Round 8 of Part I applications has been extended to October 5, 2010.

<http://www.lgprogram.energy.gov/keydocs.html>

9. PIER EISG Electricity Program Issues Solicitation

The California Energy Commission Public Interest Energy Research (PIER) Energy Innovations Small Grant (EISG) Electricity Program has issued a solicitation 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. The deadline for proposals is October 19, 2010.

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

10. PIER EISG Natural Gas Program Issues Solicitation

The California Energy Commission Public Interest Energy Research (PIER) Energy Innovations Small Grant (EISG) Natural Gas Program has issued a solicitation 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. Approximately \$21 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. The deadline for proposals is October 19, 2010.

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

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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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### **The Sponsors**

*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. (<http://www.usfcc.com/>)

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