DOE - US Department of Energy

Golden Field Office
Research, Development, and Demonstration of Fuel Cell Technologies for Automotive, Stationary, and Portable Power Applications
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17781
Funding Opportunity Number: DE-PS36-08GO98009
Application Deadline: August 27, 2008

Fuel/Feedstock Flexibility and CHP
https://e-center.doe.gov/iips/faopor.nsf/0ba00b968a07c9885256c3f0067b90d/5ca0558c91e639878525749006a2b8a?OpenDocument&Highlight=0
Funding Opportunity Number: DE-PS26-08NT0004312
Application Deadline: July 14, 2008

National Energy Technology Laboratory
Phosphors or Encapsulants
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17685
Closing Date: June 27, 2008

National Energy Technology Laboratory
Internal Quantum Efficiency - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17614
Closing Date: June 19, 2008

National Energy Technology Laboratory
Phosphors and Conversion Materials - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17615
Closing Date: June 19, 2008

National Energy Technology Laboratory
Encapsulants and Packaging Materials - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17616
Closing Date: June 19, 2008

National Energy Technology Laboratory
High Efficiency OLED Materials and Structures - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17617
Closing Date: June 19, 2008

National Energy Technology Laboratory
OLED Encapsulation and Substrates - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17618
Closing Date: June 19, 2008

National Energy Technology Laboratory
OLED Fabrication - Modification 2
http://www.grants.gov/search/search.do?&mode=VIEW&flag2006=true&oppId=17619
Closing Date: June 19, 2008

Solid-State Lighting Core Technologies
http://e-center.doe.gov/iips/faopor.nsf/8df825feb86675de852564650046faea/13a5638f67df2f4b8525744005ad8c4?OpenDocument
Proposal Deadline: 6/19/2008

National Laser Users’ Facility Program
Application Deadline: 6/17/2008

Administration of H-Prize for Hydrogen Storage
http://e-center.doe.gov/iips/faopor.nsf/8df825feb86675de852564650046faea/eda36c331a0ff5885257440a07361d5?OpenDocument
Golden Field Office
University Research in Biomass Technologies: Applied Research in Conversion of Biomass to Advance Fuels
Modification 4
http://www.grants.gov/search/search.do?&mode=VIEWW&flag2006=true&oppId=17345
Application Deadline: 6/02/2008

Solid State Lighting Product Development Funding Opportunity Round V

Renewable Energy Research and Development
Proposal Deadline: 7/14/08

National Energy Technology Laboratory
Area of Interest 1: THEORY, INVESTIGATION AND STABILITY
OF CATHODE ELECTROCATALYTIC ACTIVITY
Modification 3
http://www.grants.gov/search/search.do?&mode=VIEWW&flag2006=true&oppId=15228

National Energy Technology Laboratory
Area of Interest 2: PERFORMANCE DEGRADATION
OF LSCF CATHODES
Modification 3
http://www.grants.gov/search/search.do?&mode=VIEWW&flag2006=true&oppId=15229

National Energy Technology Laboratory
Area of Interest 3: NOVEL FUEL CELLS FOR COAL BASED SYSTEMS
Modification 3
http://www.grants.gov/search/search.do?&mode=VIEWW&flag2006=true&oppId=15230

National Energy Technology Laboratory
Area of Interest 4: SEALING SYSTEMS BASED ON VISCOS GLASS
Modification 3
http://www.grants.gov/search/search.do?&mode=VIEWW&flag2006=true&oppId=15231

Residential R-5 Windows
The U.S. Department of Energy requests proposals for Production Engineering and Commercialization of Residential R-5 Highly Insulating Windows. This RFP will support the development or selection of innovative technologies, production design and engineering, and commercialization strategies to accelerate the market introduction and widespread consumer adoption of highly insulating windows. The focus is on cost effective windows for residential buildings in cold climates, which may also have the potential for use in light commercial buildings. $2 million expected to be available, up to 3 awards anticipated.
Reponses due 7/8/08.

Concentrating Solar Power Generation
The U.S. Department of Energy requests proposals for Advanced Heat Transfer Fluids (HTF) and Novel Thermal Storage Concepts for Concentrating Solar Power Generation. Through this RFP, DOE seeks to support long-term research and near-term demonstration of:
1) Improved and advanced heat transfer fluids, and 2) Novel thermal energy storage concepts and systems that may increase the efficiency and reduce the cost of the technology. $60 million expected to be available, up to 25 awards anticipated.
Responses due 7/10/08.

Solid-State Lighting Product Development
The U.S. Department of Energy requests proposals for Solid-State Lighting Product Development Funding Opportunity. The objective of this RFP is to advance product development of general illumination
SSL sources, luminaires, and enabling products. Areas of interest include: 1) LED based integrated luminaire, 2) High efficiency LEDs or arrays, 3) Phosphors or encapsulants, 4) Electronics development, 5) Organic light emitting diode (OLED) lighting panel, 6) Low cost substrates and encapsulation for OLEDs, and 7) Off grid SSL products. $7.5 million expected to be available, up to 5 awards anticipated. Areas 1 – 6 can be accessed at: https://e-center.doe.gov/iips/faopor.nsf/0ba000b968a07c9885256c3f0067b90d/555a91f533dd1e8b8525744700605a51?OpenDocument&Highlight=0,DE-PS26-08NT00291. Area 7 can be accessed at: https://e-center.doe.gov/iips/faopor.nsf/UNID/A1A5AF65806CAA0185257400658EC0?OpenDocument. Responses due 6/27/08.

**Water Power Projects**
The U.S. Department of Energy requests proposals for Advanced Water Power Projects. Through this initiative, DOE seeks technologies that demonstrate a capability of utilizing one or more of the following for electricity generation: Ocean waves; tides or ocean currents; free flowing water in rivers, lakes, streams or man-made channels; or other water-based resources, including an improvement in the efficiency and/or environmental performance of conventional hydropower and electricity generation from differentials in ocean temperature. $18.5 million expected to be available, up to 17 awards anticipated. https://e-center.doe.gov/iips/faopor.nsf/UNID/7CA0728BF68198E8525742C005FEFBC?OpenDocument Responses due 6/16/08.

**Energy Frontier Research Centers**
The U.S. Department of Energy requests proposals for Energy Frontier Research Centers (EFRCs) to accelerate the rate of scientific breakthroughs needed to create advanced energy technologies for the 21st century. The EFRCs will pursue the fundamental understanding necessary to meet the global need for abundant, clean, and economical energy. Through this initiative, DOE seeks to bring together the skills and talents of multiple investigators to enable fundamental research of a scope and complexity that would not be possible with the standard individual investigator or small group research project. $500 million expected to be available, up to 50 awards anticipated. https://e-center.doe.gov/iips/faopor.nsf/UNID/933104E42D0185E58525742100694C78?OpenDocument. Responses due 10/1/08.

**U.S. Department of the Army**

**Alternate Energy Technologies**
The U.S. Department of the Army has issued a Broad Agency Announcement (BAA) for Alternate Energy Technologies. The objective of this effort is to support current forces, the HI-POWER program, and intelligent tactical grids; it is focused on mobile power sources and distribution systems in the 2-200kW range. Areas of interest include, but are not limited to: Flexible photovoltaic panels with efficiencies greater than 10%; mobile waste-to-energy systems including biomass generation; solar collectors; and co-generation and heat-driven cooling. https://www.fbo.gov/?s=opportunity&mode=form&id=a5bfd61df46123c3226863dc0ef53be0&tab=core&_cview=0. Responses due 6/9/08.

**USDA - U.S. Department of Agriculture**

**Canola and Biodiesel**
The U.S. Department of Agriculture requests proposals for the Supplemental and Alternative Crops Competitive Grants Program. This initiative will support Canola crop research in the development of superior germplasm, establishment and extension of various methods of planting, cultivation, harvesting, processing, and transfer of such applied research from experimental sites to on farm practice as soon as practicable. Research areas include but are not limited to biodiesel/bio-products. $780K expected to be available, individual awards NTE $180K. http://www.csrees.usda.gov/funding/rfas/alt_crops.html. Responses due 6/9/08.
EPA – U.S. Environmental Protection Agency

Source Reduction, Pollution Prevention & Clean Energy
The U.S. Environmental Protection Agency requests proposals for the Source Reduction Assistance Grant Program, for projects that support pollution prevention/source reduction and/or resource conservation projects that reduce or eliminate pollution at the source. Examples of regional priorities include, but are not limited to, the promotion of energy conservation and renewable energy projects that reduce greenhouse gases; green building in K-12 schools, or in the residential business sector; pollution prevention as a means to address environmental justice; and environmentally preferable purchasing, including renewable energy certificate market development projects. $1.090 million expected to be available, up to 40 awards anticipated. http://www.epa.gov/p2/pubs/grants/srap08.htm. Responses due 6/9/08.

Public Health and Water Infrastructure Sustainability
The U.S. Environmental Protection Agency requests applications for Innovative and Integrative Approaches for Advancing Public Health Protection Through Water Infrastructure Sustainability. This initiative will support the linkages between public health protection and water infrastructure sustainability. Innovative and integrative approaches are sought for monitoring, modeling, operation, and management of drinking water distribution and storage systems and wastewater collection systems that can lead to improved water quality and reduced health risks. $6 million expected to be available, up to 10 awards anticipated. http://es.epa.gov/ncer/rfa/2008/2008_star_water.html. Responses due 7/29/08.

Conferences, Workshops & Meetings
The U.S. Environmental Protection Agency has issued a Broad Agency announcement for Conferences, Workshops, and/or Meetings. Through this BAA, EPA seeks proposals for planning, arranging, administering and/or conducting conferences, workshops, and/or meetings that focus on research to protect human health and safeguard the environment. Subject areas include, but are not limited to: Economics and sustainability; and air and global climate change. $500K expected to be available, up to 15 awards anticipated. http://es.epa.gov/ncer/rfa/2008/2008_baa.html. Responses due 6/5/08 and 12/9/08.

National Oceanic and Atmospheric Administration

Climate Change Research
The National Oceanic and Atmospheric Administration requests proposals for the FY08 Broad Agency Announcement. The purpose of this BAA is to encourage research, education, outreach, innovative projects, or sponsorships that are not addressed through competitive discretionary programs. Areas of interest include, but are not limited to, climate variability and climate change. Presently no funds have been appropriated for this BAA. http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppId=41358. Responses accepted through 9/30/09.

Budweiser and the National Fish and Wildlife Foundation

Industrial Renewable Energy and Wildlife
Budweiser and the National Fish and Wildlife Foundation request proposals for the 2008 Budweiser Renewable Energy and Wildlife Conservation Research Prize. The $100,000 prize will be awarded in consideration of a project’s ability to develop or evaluate new cost-effective renewable energy technologies for industrial application while demonstrating the measurable benefits such
practices can have in advancing wildlife conservation.
http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&TEMPLATE=/CM/ContentDisplay.cfm&CONTENTID=9503.
Responses due 8/15/08.

Department of Homeland Security
Climate Change and the National Flood Insurance Program
The U.S. Department of Homeland Security announces its intent to seek a contractor to conduct studies on the impact of climate change on the National Flood Insurance Program and to determine whether policies and methodologies for mapping coastal special flood hazard areas should be revised.
https://www.fbo.gov/index?tab=core&s=opportunity&mode=form&id=a0acdb060326ca608c53c3ad2f8704c1

National Science Foundation
Biotechnology, Biochemical, and Biomass Engineering
The National Science Foundation requests proposals for Biotechnology, Biochemical, and Biomass Engineering. This initiative supports research that addresses problems involved in economic processing and manufacturing of products of economic importance by effectively utilizing renewable resources of biological origin and bio-informatics originating from genomic and proteomic information.
Responses due 9/15/08.