New and Notes

Florida Gold Coast
Clean Cities Coalition

Upcoming Meeting

Meeting will be held on September 11, 2009, here at 3440 Hollywood Boulevard, Suite 140,, Hollywood Florida

Other Clean Cities Coalitions

Want to see what other Clean Cities Coalitions are doing? Look at the PowerPoint presentation from the 2009 Southeast, North Central and Northeast Regional Meeting

http://www.netl.doe.gov/events/09conferences/cleancities-pgh/

SE FUEL FIX Is Out!!!

The quarterly Southeast FuelFix is out. **http://www.FuelsFix.com** This edition has an article focusing our Coalition Members, the Florida Electric Auto Association. If you have news worthy events or products that contributes to the reduction of petroleum please send them forward.. We can help you gain regional and national exposure.

Events on the Horizon

EPA Region 4 – Biodiesel

EPA Region 4 will be hosting a Biodiesel Workshop on October 14-15 that will focus on producing biodiesel from waste grease/oil for schools and local municipalities. The workshop is free and will be held in our offices here at the Sam Nunn Atlanta Federal Center, beginning at 1:00 on Wed, October 14 and ending at 12:00 on Thurs, October 15.
Registration is open at
www.epa.gov/region4/clean_energy/conferences.html (See attached flyer).

UPDATED
FREE WORKSHOP OPPORTUNITY

Fueling Your Alternative Fuel Vehicle Fleet
Partnering EPAct Mandated Fleets and Stakeholders
to Deploy More Alternative Fuels

Florida Gold Coast
Clean Cities Coalition

The National Renewable Energy Laboratory (NREL) in partnership with the U.S. Department of Energy invites you to attend this **FREE** Alternative Fuels and Vehicles Workshop

When: **Thursday, September 17, 2009**
Where: **South Florida Regional Planning Council**
3440 Hollywood Boulevard, Suite 140, Hollywood, Florida
Time: **8:30 a.m. to 3:30 p.m. (lunch provided)**

This workshop is the fourth in a series of NREL and Clean Cities Coalition hosted workshops. It is designed to provide regional stakeholders with technical, regulatory, and networking support to assist EPAct regulated fleets in overcoming alternative fuel vehicle (AFV) and fuels deployment barriers.

This event will:

- educate stakeholders of their statutory and regulatory Alternative Fuel Vehicle (AFV) and alternative fuel use obligations;
- provide an overview of available alternative fuels and AFVs;
- provide detailed maps of alternative fuel stations and fleets in South Florida;
- encourage acquisition of AFVs and associated fuels;
- provide discussion opportunities designed to solve technical and logistical hurdles preventing collaboration among stakeholders.

Attendees will leave the workshop with the information and contacts necessary to enhance opportunities to achieve compliance and expand deployment of AFVs and alternative fuels.

Only 50 seats available, so don't delay, register today!

Contact: Kathe Lerch at Klerch@sfrpc.com or 954-985-4416

*Resources provided by the U.S. DOE State and Alternative Fuel Provider Program

Alternative Fuel and Advanced Technology Vehicle Strategy Workshop

The U.S. Department of Energy (DOE) will host a two-day public workshop Sept. 22-23, 2009, to collect input to shape a new alternative fuel and advanced technology vehicle deployment strategy for the Clean Cities initiative. The workshop will cover all of the Clean Cities focus areas: alternative fuels and vehicles, electric-drive vehicles, idle reduction technologies, and fuel economy measures. Discussion topics will be:

- Sept. 22: Ethanol, biodiesel, and propane
- Sept. 23: Electric-drive vehicles, fuel economy measures, idle reduction technologies, natural gas, and renewable gas

Workshop Information

Date: Sept. 22-23, 2009

Time: 8:30 a.m.

Location: DOE Headquarters, Forrestal Building, 1000 Independence Ave., SW, Washington, D.C., 20585.

RSVP: Due to limited space, register by Sept. 17. Send your name and phone number or e-mail address to Linda Bluestein.

For More Information: Contact Linda Bluestein, Clean Cities National Co-Director, 202-586-6116.

Briefing Papers

To provide a basis for discussion, DOE and the national laboratories are analyzing each technology and summarizing issues in a series of briefing papers. These papers will be presented and discussed at the workshop and will soon be available on this Web page for public comment.

Each paper will describe:

- State of the technology
- Current market status (vehicles and engines, infrastructure, supply, available federal and state incentives)
- Benefits (reductions in petroleum use, criteria emissions, carbon emissions)
- Current resources, activities, or strategies being implemented
- Barriers preventing significant deployment in the marketplace (from research to deployment)
- Opportunities in the marketplace and technology development needs

7th Annual Rice Alliance Energy & Clean Technology Venture Forum

Keynotes, VC Panel, and Presenting Companies Announced
Thursday, September 17, 2009, 9:00 am – 5:00 pm
Jones Graduate School of Business at Rice University

Registration and More Info: Click Here
Registration Deadline: September 14, 2009

The Rice Alliance Energy & Clean Tech Venture Forum is the largest Energy & Clean Technology venture capital conference in the Southwest.

More than 50 energy and clean technology companies will present their company business plans or elevator pitches in front of over 500 venture capitalists, investors, and other members of the venture community. The top companies will be recognized as the Most Promising Energy & Clean Technology Companies for 2009.

Keynotes:

Vinod Khosla, Founder
Khosla Ventures
Vinod Khosla is considered one of the preeminent venture capitalists in the world and a leader in Silicon Valley. Khosla Ventures is one of the most active clean tech investors, with investments in over 70 companies. It has been reported that Khosla Ventures has just completed raising a new $250 million seed-stage fund, of which 75% of the investments will be in clean technology start-ups.

Khosla was the founding CEO of Sun Microsystems. Sun was funded by Kleiner Perkins Caufield & Byers (KPCB) and in 1986 Vinod joined Kleiner Perkins. In 2004, he founded Khosla Ventures, but he continues to be a general partner with KPCB.

Bill Lese, Managing Director
Braemar Energy Ventures
Bill is a Co-founder and Managing Director of Braemar Energy Ventures, a venture capital firm headquartered in New York City that invests exclusively in early- and mid-stage energy technology companies. Braemar was ranked as one of the most active clean tech venture capital firms in the most recent quarter.

Dick Williams, President
Shell WindEnergy
Richard “Dick” Williams is president of Shell WindEnergy, Inc. which has interests in and operates approximately 1100 megawatts of wind power generation in the United States and Europe. Shell has eight wind projects in the United States and three in Europe, generating emission-free electricity that saves around 1 million tons of carbon dioxide a year compared to emissions from coal-fired power plants.

Venture Capital Panel:

Matthew Price, **Nth Power**
Jim Sledzik, **Energy Ventures**
Matthew Trevithick, **Venrock**
Cory Steffek, **Altira Group**
Dharmesh Thakker, **ATV Capital**

Companies Presenting Full Business Plans:

(Elevator Pitch Companies to be announced)

APO Offshore - developing innovative advances in remote monitoring and predictive analysis for surface equipment on offshore platforms to reduce downtimes on producing wells.

Bluenergy Solarwind - developing double-helix, solarwind turbines with solar cells encapsulated on the wind vanes.

Solterra Renewable Technologies - developing a solar technology that replaces silicon wafer based solar cells with low cost highly efficient Quantum Dot based solar cells.

TerraSpark Geosciences - TerraSpark is developing 3D seismic interpretation and directional well path planning software for exploration and development.

Widetronix - developing low power, long life, self-charging batteries for microelectronics.

Venture Capital and Investment Groups:
Investment firms to participate include:

21 Ventures
IllinoisVENTURES
Resource Conservation Fund
Yellowstone Capital
Kilimanjaro Partners
Sail Venture Partners
Emerald Technology Ventures
S-1 Ventures, L.P.
Braemar Energy
Jane Capital Partners LLC
Octane Venture Partners
Aegis Capital Group
The CapStreet Group, LLC
Starlight Investments
Applied Ventures, LLC
Standard Renewable Energy
G-51 Capital Management
Accent Capital
Chevron Technology Ventures
Greenhouse Capital Partners
Levensohn Venture Partners
Advanced Equities
NGP Energy Technology Partners
U.S. Venture Partners
Hunt Energy Enterprises
Haddington Ventures
NGEN Partners
Sevin Rosen Funds
Perseus LLC
Advantage Capital Partners
Meridian Venture Partners
Atreides Capital
IllinoisVENTURES
Epic Ventures
Jane Capital Partners LLC
Pangaea Ventures
TEL Venture Capital
Pinto Energy Partners LP
Austin Ventures
Advanced Technology Ventures
Energy Capital Solutions
The Houston Fund, LP
DFJ Mercury
Murphree Venture Partners
Sevin Rosen Funds

Registration:

$75: General Registration (Registration deadline: Sept. 14)
No charge: 2009-2010 Rice Alliance Members
No charge: Full-time Rice faculty/staff/students

To Register: Click Here

Membership: Current members of the Rice Alliance can attend this Forum and other events throughout the year at no cost. Corporate membership starts at $500, and individual membership is $175.

To join as a member, you can email, call, or join online: click here. Membership runs through June 30, 2010.

More Info: Contact alliance@rice.edu or 713.348.3443 or www.alliance.rice.edu

GRANT AWARDS

Great News!!! City of Miami and Miami-Dade County wins EPA Grants!!! Hat's off to Debbie Griener, and Terry Parker and the Miami-Dade Crew.

2009 American Recovery and Reinvention Act (ARRA) Project Selection Summary for 17 Projects in EPA Region 4 /Southeast Diesel Collaborative

1. **Georgia Ports Authority "The Green Cargo Handling Equipment Project" ($164,000).** This project involves retrofitting the entire fleet of cargo handling equipment (CHE) at the Savannah port. CHE units will be retrofitted with DOCs and CCVs suitable to withstand the port operating conditions. This summer, the GPA already switched to ultra low sulfur diesel for all of its operations, ahead of the mandated schedule. This is a continuation of a 2008 SEDC DERA-funded project. When completed up to 133 engines will be retrofitted resulting in emission reductions of 40.6 tons per year of total pollutants.

2. **City of Miami, FL "City of Miami Biodiesel Fleet Conversion" ($731,850).** This project involves scrapping and replacing 17 existing highway vehicles with new vehicles. The vehicles will also use biodiesel. Estimated emission reductions are 2.1 tons per year of pollutants.

3. **North Carolina Department of Public Instruction "Clean School Bus WEPN" ($509,000).** This project involves retrofitting approximately 121 school buses with CCVs and the early replacement and upgrade to 2010 standards of 6 buses. Estimated emission reductions are 43.5 tons of total polluants.

4. **Leon County, FL School Board ($347,207)**. This project will fund the retirement and replacement of up to six new compressed natural gas (CNG) school buses. Estimated emission reductions are 29 tons of total pollutants.

5. **Miami-Dade County, FL Transit "Miami-Dade County Hybrid Transit Buses" ($731,850).** This project involves replacing 6 existing transit buses with new hybrid-electric buses and replacing 8 others with newer, cleaner engines. Estimated emission reductions are 238.24 total tons per year.

6. **South Carolina Department of Education "SEDC South Carolina" ($725,023).** This project involves purchasing four hybrid-electric school buses and installing 500 CCVs and anti-idling devices on school buses. Estimated emission reductions are 193 tons of total pollutants.

7. **Georgia Environmental Protection Division "Green Corridors Georgia Truckstop Electrification Project" ($748,000).** This project will involve creating 85 idle

free truck parking spaces by providing truckstop electrification (TSE) lanes at 3 separate truck stops. Estimated emission reductions are 93 tons per year.

8. **Tennessee Department of Transportation "Reducing Idling Emissions from Heavy Duty Diesel Trucks: TN's Green Corridor Approach to Truck Stop Electrification" ($2,000,000).**

Funds will be used to reduce long-term idling of Class 8 trucks in Tennessee by installing a network of 175-200 electrified parking spaces at selected interstate highway truckstops reducing air pollution around truckstops and saving fuel. A 200-lane project will result in the reduction of 60.32 tons/year of NOx, 1.72 tons/year of particulate matter, and 3,552 tons/year of carbon dioxide. Jobs created or retained will vary with the vendor chosen but will average approximately 136 jobs for the manufacture and installation of the equipment and an average of 33 jobs will be created for monthly operation.

9. **University of Georgia Research Foundation "Diesel Fleet Retrofit to Reduce Particulate Emissions in Athens-Clarke County, GA and Washington County, GA" ($1,713,235).**
The project will retrofit 254 on-highway diesel vehicles in Athens-Clarke and Washington counties in Georgia. The retrofits will provide long term emission reductions and reduce particulate matter emissions by 6.8 tons. The project expects to create and/or retain 30 jobs.

10. **American Lung Association of the Upper Midwest "Region 4 Economic Recovery and Diesel Emission Reduction Project" ($1,136,373)**
The project involves diesel emissions reduction for 184 vehicles in the states of AL, FL, GA, KY, NC, SC, and TN. Efforts will involve replacing vehicles and installing battery-powered air conditioners. The result will be estimated vehicle lifetime emissions reductions of 764.9 tons of nitrogen oxides, 19.7 tons of particulate matter, 2.3 tons of hydrocarbons, and 9.5 tons of CO. The project is also expected to create or preserve 44 jobs.

11. **Kentucky Association of General Contractors "Kentucky Clean Diesel Construction Program 2.0" ($2,000,000).**
The project involves retrofitting and repowering 87 pieces of diesel-powered construction equipment owned by AGC member companies, as well as promoting the adoption of anti-idling practices at 100 construction sites statewide. The result will be an estimated combined reduction of 72.55 tons/year of nitrogen oxides, particulate matter, hydrocarbons, and carbon monoxide. The project is also expected to create or preserve 43 jobs.

12. **Columbus, MS Municipal School District "Cleaner Buses, Improved Air Quality, and Better Respiratory Health for Students and the Greater Columbus (Mississippi) Community" ($1,445,851).**
This project involves the replacement of 30 school buses and the installation of direct fire heating units (which prevent cold starts and increase useful life) in 22 other buses. The

result will be estimated vehicle lifetime emissions reductions of 61.43 tons of nitrogen oxides, 1.19 tons of particulate matter, 2.91 tons of CO, and 246.12 tons of CO2. The project is also expected to create or preserve 42 jobs.

13. **Mecklenburg County, NC "GRADE+--Grants to Replace Aging Diesel Engines" ($1,116,600).**
The project is a subgrant program to provide for 28 or more repowers and 6 or more replacements of nonroad construction equipment, stationary diesel engines or highway diesel engines in the 13 county bi-state presumptive nonattainment region for 2008 ozone standard. Project is estimated to reduce 166 tons of nitrogen oxides, 10 tons of particulate matter, 60 tons of carbon monoxide and 13 tons of hydrocarbons annually. Project expects to create and/or retain 15 jobs.

14. **Miami-Dade County, FL Office of the Agricultural Manager "Miami-Dade Clean Diesel Repower Sub-grant/Rebate Program for Local Farmers" ($2,000,000).**
This project will establish a rebate program for the purpose of repowering engines in potentially 300 irrigation sets in Miami-Dade, many of which were built before 1980 and operate on a year-round basis. The new tier 3 engines will substantially reduce diesel emissions and increase fuel efficiency, saving 75,000 annual gallons of diesel fuel and providing economic benefit to growers through the reduced fuel costs, as well as decreased production costs for farmers. The rebate program will pay up to 65% of the total cost; the remainder is to be provided by the farmer. The additional benefits of this project would be savings in water usage from the more efficient pumps and reduced impacts on a nearby Class I area.

15. **South Carolina State Ports Authority "Port of Charleston Pledge for Growth" ($1,999,900).**
This project will implement a multi-faceted diesel emission reduction program at the Port of Charleston. The program includes repowering 36 cargo handlers with cleaner engines, as well as partnering with private companies to repower two tugboats and one dredge. The program will also partner with a local trucking company to install diesel multi-filters on 40 local drayage trucks. The project will reduce emissions from the cargo handlers by approximately 80% for NOx and 85% for particulate matter. The tugboat component will reduce NOx emissions by 42% and PM by 65%, while the dredge reductions will be 37% for NOx and CO emissions by 20%. The diesel multifilters will reduce truck PM emissions by 60%. It is estimated the project will create and/or retain a total of 37 jobs.

16. **East Tennessee Clean Fuels Coalition "Crossville I-40 Corridor Truck Stop Electrification" ($581,849).**
This project will install truck stop electrification (TSE) technology at 50 parking spaces at a Plateau Travel Plaza along Interstate 40 in Crossville, Tennessee. The target vehicles to benefit include on-road, long-haul, heavy-duty class 8 trucks and trailers that frequent the Plateau Travel Plaza truck stop (owned by KWGV, LLC). The project includes a collaborative with ETCFC, KWGV and a SmartWay-verified idling technology company to manage the project logistics, install, and maintain the TSE equipment (respectively) with a target completion date of November 2009. The TSE technology has a life expectancy up

to ten years, reduces idling emissions and conserves significant amounts of diesel fuel. The 50 installed parking spaces will include plug-ready outlets for HVAC and shore power to allow long-haul trucks to shutdown their diesel engines.

17. **Alabama Clean Fuels Coalition "Alabama Truck Stop Electrification and Green Corridors" ($1,249,780).**
This project will install 100 truck spaces at two facilities including APUs, power units and trailer refrigeration units. Each system will serve two trucks. Estimated emission reductions are 1.6 tons per year of particulate matter and 57 tons per year of NOx. It is estimated that 70 jobs will be created and/or retained.

Grant Announcements

Federal Opportunities

DOE Announces $37 Million for Small Business Research and Technology

Funding Emphasizes Investment in Clean Energy Technologies and Job Creation

Washington, DC— U.S. Energy Secretary Steven Chu announced today that $37 million in funding from the Recovery Act will be made available to qualified small businesses through the Department's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. Today's funding announcement emphasizes the Department's commitment to developing near-term, clean energy technologies while allowing small businesses take part in the new industrial revolution that the sustainable energy economy will bring.

"Small businesses are engines of job creation and innovation, and we need their ingenuity and entrepreneurial spirit to drive a clean energy economy," said Secretary Chu. "By helping small businesses bring clean technologies to market, we can create jobs, reduce our dependence on foreign oil, and reduce carbon pollution."

DOE's SBIR/STTR programs target U.S. companies with fewer than 500 employees. Small businesses with strong research capabilities in science or engineering are encouraged to apply. Applications are currently being accepted for topic areas related to improving energy efficiency including:

- Advanced building air conditioning and refrigeration, thermal load shifting, and cool roofs
- Water usage in electric power generation and industrial processes
- Power plant cooling
- Advanced gas turbines and materials
- Sensors, controls, and wireless networks
- Advanced water power technology development
- Smart controllers for smart grid applications
- Advanced solar technologies
- Advanced industrial technologies development
- Advanced manufacturing processes.

The deadline for submission of applications is September 4, 2009, at 8:00 p.m. EST. Approximately $8.5 million is expected to be available for new Phase I awards. Successful

applicants may receive up to $150,000 for a Phase I grant for a period of six months to demonstrate the feasibility of the ideas that appear to have commercial potential.

For more information about DOE's SBIR and STTR programs please visit: http://www.science.doe.gov/sbir/

-DOE-

TREASURY, ENERGY ANNOUNCE MORE THAN $2 BILLION IN RECOVERY ACT TAX CREDITS FOR ENERGY MANUFACTURERS

Tax Credit Program Will Increase Economic Development, Promote Manufacturing of Clean Energy Equipment

WASHINGTON – As part of an innovative partnership aimed at increasing economic development while setting our nation on the path to energy independence, the U.S. Department of the Treasury and the U.S. Department of Energy today announced a program to award $2.3 billion in tax credits for manufacturers of advanced energy equipment. Authorized by the American Recovery and Reinvestment Act (Recovery Act), this new program will provide tax credits to manufacturers who produce clean energy equipment.

"This program will help encourage innovation in design of clean energy technologies," said Treasury Secretary Tim Geithner. "This partnership between Treasury and Energy adds an important new dimension to the incentives created in the Recovery Act to increase US manufacturing output, improve energy efficiency, and develop alternative sources of energy."

The Recovery Act created a new tax credit program by authorizing Treasury to provide developers with an investment tax credit of 30 percent for facilities that manufacture particular types of energy equipment. Qualifying manufactures will produce solar, wind, and geothermal energy equipment; fuel cells, microturbines, and batteries; electric cars; electric grids to support the transmission of renewable energy; energy conservation technologies; and equipment that captures and sequesters carbon dioxide or reduces greenhouse gas emissions.

Said Energy Secretary Steven Chu: "These tax credits will help create thousands of high quality manufacturing jobs in some of the highest growth segments of the economy. This is an opportunity to develop our global leadership in clean energy manufacturing and build a secure, sustained base of jobs for America's workers."

The manufacturing tax credit is capped at $2.3 billion, and credits are available for two years or until the cap is reached. Companies can expect to receive payments within 180

days of filing for the credit. To view the program summary and guidance for applying for the tax credit, please visit http://www.energy.gov/recovery/48C.htm.

The announcement of the manufacturing tax credit is the next step in an innovative partnership between Treasury and Energy aimed at promoting energy production and energy independence. Tax programs have provided successful incentives for encouraging the development of renewable energy in the past - in 2006 alone, approximately $550 million in renewable energy tax credits were provided to 450 businesses. In July, Treasury and Energy announced the availability of a payment in lieu of tax credits for facilities that produce renewable energy, a program that is expected to result in more than $3 billion of stimulus for energy development in rural and urban communities.

August 06, 2009 - Expansion of Infrastructure for Higher Ethanol Blends (ARRA) --
The Department of Energy's (DOE) Golden Field Office has posted a Funding Opportunity Announcement (FOA) that aims to increase the availability and use of potential gasoline/ethanol blends up to E85 (85% ethanol) through two topic areas: (1) Refueling Infrastructure for Ethanol Blends (cost-shared projects to modify, upgrade, or expand the infrastructure at retail fueling locations to accommodate gasoline-ethanol blends up to E85); (2) Outreach for Ethanol Blends (projects which will increase public awareness of the benefits, safety, and use of ethanol blends as a transportation fuel).

Topic Area 1: Refueling Infrastructure for Higher Ethanol Blends
Acceptable projects could include: upgrades to existing dispensing infrastructure; addition of new dispensing infrastructure; modifications or replacement of underground storage tanks; or addition of increased storage capacity for ethanol or ethanol blends at the retail station. Projects that include electronic card readers with updated product codes to track the amount of ethanol dispensed, will receive higher consideration. All modifications, upgrades, or additions must result in refueling infrastructure compatible with all gasoline/ethanol blends up to E85. Proposed projects must result in a minimum of an additional five dispensers/pumps capable of dispensing ethanol blends up to E85. Corridors which provide fueling at no more than 100 miles apart, and projects which concentrate the availability of ethanol blends up to E85 in a targeted geographic area are strongly encouraged. Up to 25% of the federal portion of funding in individual projects may be used for permanent signage to promote the availability of the ethanol blends up to E85. Permanent signage includes highway signs, street level directional signs, and other signage which directs motorists to the fueling site. Projects which include informational materials as part of the dispenser display to include fuel energy content, mileage impact, and greenhouse gas reductions are encouraged. Topic Area 1 cost share must be at least 50% of the total allowable costs of the project

Topic Area 2: Outreach for Higher Ethanol Blends
Projects that exhibit the potential for future growth, without additional Federal funding, are encouraged. Projects that include materials as part of the dispenser display showing fuel energy content, mileage impact, costs per mile and greenhouse gas reductions are encouraged.
DOE is interested in projects that include a component that focuses on providing accurate, unbiased information to the media and the driving public. Projects should include specific and detailed plans for education of the chosen target audience(s) with corresponding metrics and

milestones to measure progress and program effectiveness. The intention is to reach a very large number of general consumers to educate them on the benefits, safety and use of ethanol blends up to E85. Social network websites and other forms of new media will be considered. Cost sharing is not required but is encouraged for Topic Area 2.

Approximately $5.5 million is expected to be available, $3.5 million for topic area 1 (awards between $50,000 and $200,000 per project) and $2 million for topic area 2 (awards between $250,000 and $1 million per project). DOE anticipates making awards that will run for up to 4 years. The following domestic entities are eligible to apply for this announcement: (1) institutions of higher education; (2) nonprofit and for-profit private entities; (3) State and local governments; and (4) consortia of entities (1) through (3). All types of domestic entities, including DOE/NNSA National Laboratory Contractors, are eligible to apply, except other Federal agencies, non-DOE Federally Funded Research and Development Center (FFRDC) Contractors, and nonprofit organizations described in section 501(c)(4) of the Internal Revenue Code of 1986 that engaged in lobbying activities after December 31, 1995.

Applications are due by October 4, 2009, 11:59pm Eastern Time.

Applications must be submitted through www.fedconnect.net

Use "Search Public Opportunities" and refer to Reg. No. DE-FOA-0000125. You must first be registered with FedConnect to submit an application in response to this FOA. Information on how to submit applications can be found by visiting www.FedConnect.net

July 29, 2009

Obama Administration Announces Billions in Lending Authority for Renewable Energy Projects and to Modernize the Grid

Loan Guarantees Will Help Create New Jobs while Fostering Clean Energy Innovation

Washington, DC – U.S. Energy Secretary Steven Chu announced today that the Department of Energy will provide up to $30 billion in loan guarantees, depending on the applications and market conditions, for renewable energy projects. Another $750 million will support several billion dollars more in loan guarantees for projects that increase the reliability, efficiency and security of the nation's transmission system. The two new loan guarantee solicitations announced today are being funded partly through the Recovery Act and partly through 2009 appropriations.

"These investments will be used to create jobs, spur the development of innovative clean energy technologies, and help ensure a smart, strong and secure grid that will deliver renewable power more effectively and reliably," said Secretary Chu. "This administration has set a goal of doubling renewable electricity generation over the next three years. To achieve that goal, we need to accelerate renewable project development by ensuring access to capital for advanced technology projects. We also need a grid that can move clean energy from the places it can be produced to the places where it can be used and that can integrate variable sources of power, like wind and solar."

The lending authority includes:

- Up to $8.5 billion in lending authority supported by 2009 annual appropriations for renewable energy.
- Up to $2 billion in subsidy costs, provided by the Recovery Act, to support billions in loans for renewable energy and electric power transmission projects.
- Up to $500 million in subsidy costs to support loans for cutting edge biofuel projects funded by the Recovery Act.
- Up to $750 million in subsidy costs, provided by the Recovery Act, to support loans for large transmission infrastructure projects in the U.S. that use commercial technologies and begin construction by September 30, 2011.

The two solicitations issued today mark the sixth and seventh rounds of solicitations by the Department's Loan Guarantee Program, which encourages the commercial use of new or improved energy technologies to help foster clean energy projects. Applications will be accepted over the next 45 days. The Department has streamlined its processes to accelerate these new loan solicitations. By investing in both renewable energy technology for generating electricity and technologies to modernize the country's transmission system, the Recovery Act targets the full integration of renewable energy sources onto the electric grid.

Read more information on this solicitation and the Department's Loan Guarantee Program. Additional loan guarantee solicitations funded by the Recovery Act will be announced soon.

Other ARRA Grants

Department of Labor

17.275 Recovery Act - Energy Training Partnership Grants
http://www.grants.gov/search/search.do;jsessionid=ymGjKCCRJQ3xGMWVRbd1PQ92Dv2Fjf1GCP7WmhZ9T43m1yW1nPkj!1602516421?oppId=48072&flag2006=false&mode=VIEW
Due date: 9/4/09
Eligibility: Statewide or local non-profit partnerships

17.275 Recovery Act - State Energy Sector Partnership (SESP) and Training Grants
http://www.grants.gov/search/search.do;jsessionid=7yhQKC8NMGvxNpmhT1f7g7vqLcpJNpBrktJFKqJF4r8GhXxr31RX!1602516421?oppId=48074&flag2006=false&mode=VIEW
Due date: 10/20/09
Eligibility: Workforce Investment Boards in partnership with their State Workforce Agency, local Workforce Investment Boards or regional consortia of boards, and One Stop Career Center delivery systems

17.275 Recovery Act - Pathways Out of Poverty
http://www.grants.gov/search/search.do;jsessionid=ymGjKCCRJQ3xGMWVRbd1PQ92Dv2Fjf1GCP7WmhZ9T43m1yW1nPkj!1602516421?oppId=48073&flag2006=false&mode=VIEW
Due date: 9/29/09
Eligibility: See grant description for eligible entities

Non-ARRA Grants

Department of Commerce

11.300, 11.302, 11.303, 11.307, 11.313 Economic Development Assistance Programs
http://www.grants.gov/search/search.do;jsessionid=ymGjKCCRJQ3xGMWVRbd1PQ92Dv2Fjf1GCP7WmhZ9T43m1yW1nPkj!1602516421?oppId=48106&flag2006=false&mode=VIEW
Due date: 9/30/10; applications are accepted on a continuing basis and processed as received
Eligibility: County, city, township, tribal governments, Institutions of Higher Education (IHEs)

Recognition Opportunity

THE NATIONAL GOVERNMENT GREEN FLEET AWARD

The National Government Green Fleet Award is open to all Federal, State, and Local Government Fleets. This includes fleets that are operated by local government personnel or contracted services. The National Government Green Fleet Award is a comprehensive set of criteria specifically tailored around the challenges and requirements of the government fleet manager. All entries will be rated on the content of their application, so be specific in your answers. Our criteria was carefully selected and compiled over a period of several months, using hundreds of sources in green fleet planning and methodology. It not only functions as the assessment standards for the yearly award, but also serves as a foundation for drafting and implementing your own green fleet program.

The evaluation standards are divided into several key categories:

1. **Fleet Composition -**
2. **Fuel & Emissions –**
3. **Policy & Planning –**
4. **Fleet Utilization -**
5. **Education**
6. **Executive & Employee Involvement**
7. **Supporting**

The winners will be announced at the Green Fleet Conference in Chicago on October 19th.