



U.S. Department of Energy  
Energy Efficiency  
and Renewable Energy



# State Funding Opportunities

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Advancing the Choice

A Compelling Case for Natural Gas Vehicles

August 12, 2008





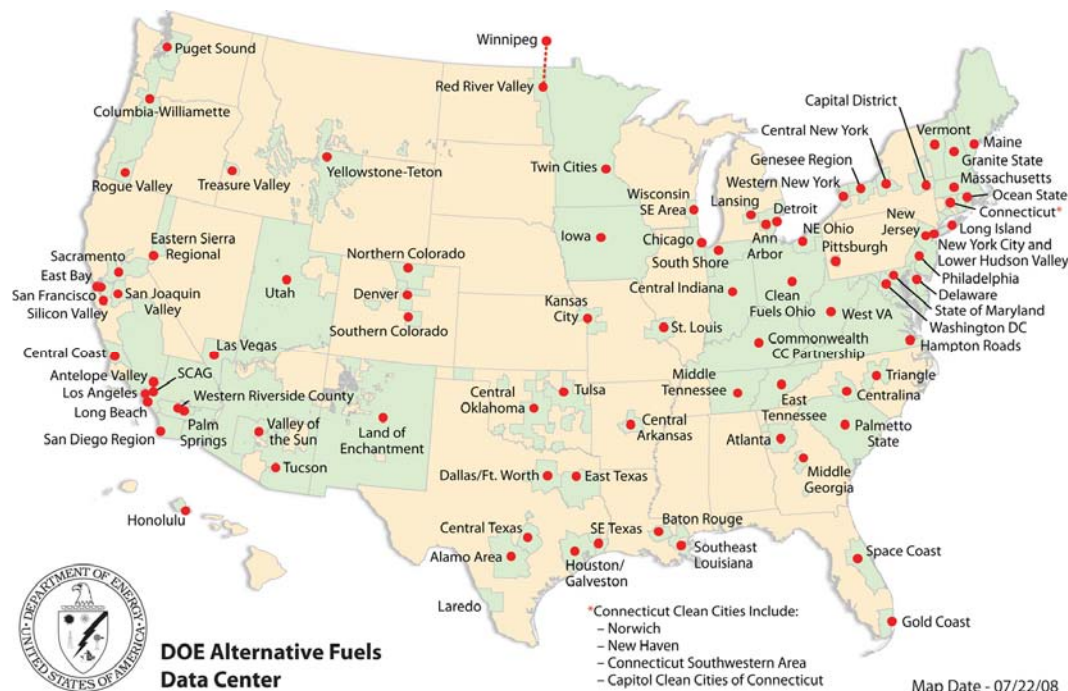
# Get to Know Your Clean Cities Coalitions

- Six Designated Clean Cities Coalitions

- Alamo Area (San Antonio)
- Central Texas (Austin)
- Dallas / Ft. Worth
- East Texas (Kilgore)
- Houston-Galveston
- South East Texas (Beaumont)

- One Seeking Designation

- Victoria





## Clean Cities Funding Opportunities

- Upcoming opportunity only available to Clean Cities Stakeholders
  - Get to know you Clean Cities Coordinators!
  - Become an active Clean Cities Stakeholder
- Department of Energy call for projects / solicitations
  - Anticipated for mid to late October
- Infrastructure
- Vehicles
- Education / Workshops



**Begin developing projects now!!**



## Clean Cities Funding Opportunities

- Texas State Energy Conservation Office (SECO)
  - Supports and promotes DOE's Clean Cities program
  - Alternative fuels projects participate in strong local initiatives and offer a flexible approach to building alternative fuels markets, providing participants with options to address problems unique to their cities and fostering partnerships to help overcome them
- In 2005, SECO was awarded the Governmental Partner of the Year at the National Clean Cities Conference for its support of Texas coalitions





# Clean Cities Funding Opportunities

The screenshot shows a Microsoft Internet Explorer browser window displaying the SECO (State Energy Conservation Office) website. The page title is "Funding Opportunities - Microsoft Internet Explorer". The address bar shows the URL: [http://www.seco.cpa.state.tx.us/seco\\_funding.htm](http://www.seco.cpa.state.tx.us/seco_funding.htm). The website header includes the SECO logo and navigation links: Home, Site Map, Funding Opportunities, SECO Workshops, and Contact Us. The main content area is titled "Funding Opportunities" and lists several opportunities:

- USDA Offers \$221 Million in Clean Energy Loans and Grants**  
The U.S. Department of Agriculture (USDA) announced last week that it will accept \$220.9 million in loan and grant applications under the agency's Renewable Energy Systems and Energy Efficiency Improvements Program. Loan guarantees and grants are available to agricultural producers and rural small businesses to purchase and install renewable energy systems or to make energy efficiency improvements. Eligible applicants may seek loan guarantees to cover up to 50% of a project's cost, not to exceed \$10 million. Grants are available for up to 25% of a project's cost, not to exceed \$250,000 for energy efficiency improvements and \$500,000 for renewable energy systems. Grants will be awarded through two separate competitions, with the deadline for the first being April 15, 2008, and the deadline for the second being June 16, 2008.
- 2008 Renewable Energy & Energy Efficiency Grant & Loan Guarantee Program**  
**Two Application Deadlines for Grants: April 15th and June 16th**  
**Loan Guarantee Applications Due July 16th**  
\$36 million in federal funds are available for the Section 9006 Renewable Energy and Energy Efficiency Grant and Loan Guarantee program (Section 9006). This year, USDA is allocating \$15.9 million to fund grants and hopes to award \$205 million in loan guarantees.
- Solar America Initiative (SAI) Market Transformation: Solar America Showcases, FY2008**  
**DE-PS36-08-GO98011**  
**Application Deadline: March 12, 2008 and June 12, 2008**  
**Funding Amount: Up to \$200,000 per award**  
Under this Notice of Opportunity for Technical Assistance, DOE will provide Technical Assistance to large-scale, high-visibility solar installation projects that have the ability to impact the market for solar technologies through large project size, use of a novel solar technology, and/or use of a novel application for a solar technology. In addition, it is desired that the project be replicable or have replicable components. Large-scale installations may include photovoltaic, concentrating solar power, solar water heating, and solar space heating applications. Technical assistance will not be provided for research, product development, or early stage testing and evaluation of any technology or product. DOE will not purchase hardware or otherwise provide direct funding to organizations selected from this Notice.
- DOE Offers Up to \$4 Million for Biomass to Biofuel Research**  
**Application Deadline: June 7, 2008**  
DOE released a solicitation last week that offers up to \$4 million for university research into cost-effective, environmentally friendly ways to convert biomass into biofuel. Twelve U.S. universities will be selected for funding, and each of them will contribute a minimum of 20% of the cost share, resulting in about \$4.8 million being invested in these projects. The Funding Opportunity Announcement (FOA) seeks projects that improve the conversion of biomass to advanced biofuels through biochemical, thermochemical, and chemical processes and is focused on lowering production costs and increasing yields and productivity. While the FOA is mainly focused on conventional biomass sources, it also includes the enhanced production of oils from algae. See the [DOE press release](#).
- DOE Offers \$60 Million for Concentrating Solar Power Research**  
**Application Deadline: 07/10/2008**  
The U.S. Department of Energy (DOE) announced that it will provide up to \$60 million for concentrating solar power (CSP) projects that focus on advanced thermal energy storage or heat transfer fluids. The DOE funding will go toward both new research and development projects and demonstrations of technologies already under development. DOE anticipates that 10 to 25 industries or academic institutions will be selected to receive this funding, which will be distributed over the next 5 years. With a mandatory private industry cost share of 20% for research and development, and a 50% cost share for demonstrations, more than \$75 million could be invested in these projects. Applications are due by July 10. See the [full solicitation](#) on Grants.gov.
- Enhanced Geothermal Systems Research, Development, and Demonstration**  
**DE-PS36-08GO98008**  
**Application Due Date: 08/12/2008**

[http://www.seco.cpa.state.tx.us/seco\\_funding.htm](http://www.seco.cpa.state.tx.us/seco_funding.htm)



## Texas Emissions Reduction Plan (TERP)

- Managed by the Texas Commission on Environmental Quality (TCEQ)
- Emissions Reduction Incentive Grants (ERIG)
  - Provides grants to eligible projects in nonattainment areas and affected counties. The grants offset the incremental costs associated with reducing emissions of oxides of nitrogen (NO<sub>x</sub>) from high-emitting internal combustion engines.



### Examples:

#### **On-road heavy-duty vehicles:**

School buses  
Transit buses  
Fuel trucks  
Refuse and recycling trucks  
Dump trucks  
Delivery trucks  
Concrete trucks  
Haul trucks

#### **Equipment, marine vessels, and locomotives:**

Pavers  
Bore and drill rigs  
Excavators  
Cranes  
Rubber-tire loaders  
Tractors, loaders, backhoes  
Forklifts  
Switcher locomotives  
Tugs and harbor vessels  
Stationary compressors  
and generators



## Texas Emissions Reduction Plan (TERP)

- Rebate Grants Program is a simplified application process under the ERIG Program.
  - Rebate grants are only available for diesel on-road and non-road replacement and re-power projects.
  - Applications are reviewed, processed, and awarded on a first-come, first-serve basis.
- Sign Up for E-mail Updates from the TERP program
  - <http://www.tceq.state.tx.us/implementation/air/terp/index.html>
  - Workshop notification
    - San Antonio Workshop @ AACOG
      - November 6 from 1:30 – 8:00





## Railroad Commission of Texas

- Propane Equipment Grant Initiative
  - Incentive program for buyers of new EPA-Compliant Medium-Duty Vehicles
- This program is a part of TERP, which offers incentives to buyers who wish to replace older diesel school buses or delivery vehicles with new propane vehicles that meet or exceed the Environmental Protection Agency's current emissions standards.
- The amount of the incentive grant varies depending on the calculated reduction in emissions.



**RAILROAD COMMISSION OF TEXAS**

Web site: [www.propane.tx.gov](http://www.propane.tx.gov) • Phone: (800) 64-CLEAR



## The Blue Skyways Collaborative

- Partnership with non-profit and environmental groups, private industries and international, federal, state and local governments with the goal to improve air quality
  - EPA Regions 6 & 7
- Partners implement projects using innovations in diesel engines, alternative fuels and renewable energy technologies
  - Fuels Subcommittee
- Members leverage funding, share technology and professional expertise
  - <http://www.blueskyways.org/>





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# The Blue Skyways Collaborative

SAVE THE DATE

BLUE SKYWAYS COLLABORATIVE  
ANNUAL MEETING

*Goods Movement: Needs, Challenges and Opportunities*

October 29-31, 2008



Riverwalk Drury Inn & Suites  
San Antonio, Texas





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## Texas General Land Office

### NGV Initiative Program Grant (NGIPG)

**Natural Gas  
VEHICLE**

clean air grant funding provided by  
[www.glo.state.tx.us](http://www.glo.state.tx.us)  
1-800-998-4GLO

GOOD FOR TEXAS

The logo is a rectangular graphic with a black border. At the top, the words "Natural Gas" are in a green, sans-serif font, and "VEHICLE" is in a larger, bold, green, sans-serif font. Below this, the text "clean air grant funding provided by" is in a smaller, blue, sans-serif font. Underneath that, the website "www.glo.state.tx.us" is in a bold, blue, sans-serif font, and the phone number "1-800-998-4GLO" is in a bold, green, sans-serif font. On the left side, there is a small circular logo for the Texas General Land Office, and on the right side, there is a small logo for TCEQ. At the bottom, the words "GOOD FOR TEXAS" are written in a gold, serif font on a blue background.