



## **TODAY'S CALL TOPIC**

### **Competitive Grants Available to Help Communities Plan for Plug-In EVs**

**Speaker:**



**Steven Richardson**  
*Southeast Region Clean Cities  
Project Manager*  
National Energy Technology Laboratory



### **Upcoming Events**

**JUNE 15-17, 2011**

**Local Clean Energy  
Leadership Summit  
Washington, DC**

**Early bird deadline extended:  
Friday, April 29<sup>th</sup>**

**[www.localenergysummit.org](http://www.localenergysummit.org)**

**May 5, 2011**

**For more information: [www.climatecommunities.us](http://www.climatecommunities.us)**



## **Upcoming Calls (Thurs. @ 2 pm Eastern)**

**May 12:** Strategies for Reducing Vehicle-Miles Traveled by Promoting Walkability, Cycling and Access to Transit



## Federal Policy Agenda

### FY 2012 Appropriations

- EECBG, Sustainable Communities, Climate Showcase Communities, TIGER, energy efficiency & renewable energy grants, electric vehicles

### Clean Energy Legislation

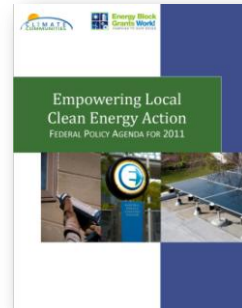
- Clean energy standard, financing tools, clean vehicles

### Transportation Reauthorization

- Transit, clean vehicles, VMT reduction strategies

### Adaptation

- Pre-disaster mitigation, planning resources



<http://www.climatecommunities.us/endorse.html>



## Upcoming Events

### Local Government Clean Energy Leadership Summit

Washington, DC

June 15-17, 2011

- Major energy efficiency and renewable energy conference for local government sector.
- Demonstrate success of EECBG and other federal investments in local clean energy projects
- Share best practices.
- Urge Congress and the Obama Administration to make further clean energy investments in local governments.
- For more information, visit [www.localenergysummit.org](http://www.localenergysummit.org).

**NEW EARLY BIRD DEADLINE: FRIDAY, APRIL 29**



## Political Context

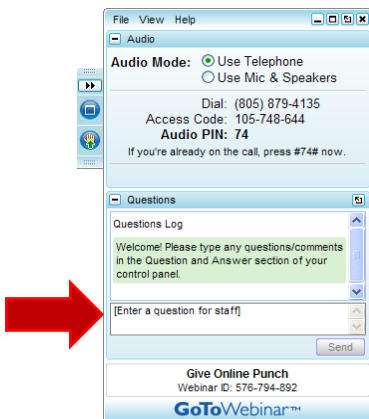
### President Obama:

**“One million electric vehicles on the road by 2015.”**

- The President’s FY 2012 Budget Request for DOE includes \$200 million in competitive grants for communities to become early adopters of electric drive vehicles through regulatory streamlining, infrastructure planning and development, and other investments.
- The “Electric Drive Vehicle Deployment Act” received bipartisan support in both Senate and House in 2010 and has been reintroduced this Congress by a bipartisan contingent in the House.
  - Would provide funding for 5-15 EV demonstration communities to facilitate the deployment of EVs and charging infrastructure
  - Creates extra incentives for the purchase of EVs and charging infrastructure



## Asking questions



At any point during the presentation, you can type your question into the question text box and click send. All questions will be read aloud and answered at the end of the presentations, as long as time permits.

*FY 11 Clean Cities  
Funding Opportunity Announcement*



**Clean Cities Community Readiness and Planning for Plug-In  
Electric Vehicles and Charging Infrastructure**

**Funding Opportunity Number: DE-FOA-0000451**

- This Funding Opportunity Announcement (FOA) seeks **projects to plan and implement policies for the development of local/regional electric charging infrastructure, including implementation of local policies, procedures, and incentives that facilitate that development**
- The planning and policy activities will prepare communities for successful deployment and implementation of plug-in electric drive vehicles
- This effort will help to decrease the nation's dependence on petroleum and reduce greenhouse gas emissions by accelerating the deployment of plug-in electric drive vehicles and electric vehicle supply equipment (EVSE)
- **This effort will support the President's goal of putting 1 million electric drive vehicles on the road in the United States by 2015**

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*FY 11 Clean Cities  
Funding Opportunity Announcement*



**Mandatory Technical Criteria**

- Projects shall include planning, and wherever possible, policy implementation and execution of planning elements for plug-in electric vehicles and infrastructure. **Projects for fuels other than electricity will NOT be considered**
- Plans must address infrastructure deployment for light, medium and/or heavy duty plug-in electric vehicles (including extended range electric vehicles)
- **Funds may NOT be used for the purchase and/or installation of any fueling infrastructure**

**Sample General Requirements**

- Projects in different stages of maturity are acceptable. All applicants must complete a self-assessment detailing where they are in the planning process
- Teaming arrangements are strongly encouraged, including one or more active designated Clean Cities Coalition(s), public or private fleets, auto dealerships, equipment manufacturers, energy marketers, utilities/energy companies, local and regional planning entities, local and/or state agencies and transportation authorities. Approaches that include multiple local government entities and/or states are also encouraged
- Please consult the full FOA for additional general requirements

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## *FY 11 Clean Cities Funding Opportunity Schedule*



1. NETL has Project Management and Administrative oversight
2. Solicitation Issued: April 19, 2011
3. Letters of Intent Requested By: May 16, 2011
4. Due Date For Applications: June 13, 2011
5. Selection Date: September 2011
6. Awards Made: September 2011 or early FY2012
7. Estimated Funding Available: \$5 million in DOE funds over a 1 year project period (Cost Sharing is encouraged, but not required)

***DOE estimates making 10-15 awards with award values ranging from \$250,000 to \$500,000 under this announcement***

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## *FY 11 Clean Cities Funding Opportunity Announcement*



### **QUESTIONS**

- Questions regarding the content of the announcement must be submitted through the FedConnect portal
  - You must register with FedConnect to respond as an interested party to submit questions, and to view responses to questions
  - It is recommended that you register as soon as possible to have the benefit of all responses
  - DOE will try to respond to a question within 3 business days
  - Questions and comments concerning this FOA shall be submitted not later than five (5) calendar days prior to the application due date to allow the Government sufficient time to respond
- Questions relating to the registration process, system requirements, how an application form works, or the submittal process must be directed to Grants.gov at 1-800-518-4726 or [support@grants.gov](mailto:support@grants.gov). DOE cannot answer these questions.

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## Available Resources

### Local Clean Cities Coalition

- Nearly 100 Clean Cities coalitions nationwide.
- Charged with leading public-private partnerships to reduce petroleum use.
- Can provide technical expertise for communities seeking to invest in EVs and other alternative fuel vehicles.
- Can help communities connect with other area stakeholders interested in EV deployments.

Map of coalition locations:

[http://www.afdc.energy.gov/cleancities/progs/coalition\\_locations.php](http://www.afdc.energy.gov/cleancities/progs/coalition_locations.php)



## Available Resources

### DOE's Alternative Fuels & Advanced Vehicles Data Center

- A comprehensive clearinghouse of data, publications, tools and information run by DOE's Clean Cities Program and NETL.
- Provides information on EV availability, ways to develop and deploy charging stations, EV maintenance requirements and case studies on communities already working to deploy EVs.

<http://www.afdc.energy.gov/afdc/vehicles/electric.html>



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Grants Work!**  
CAMPAIGN TO SAVE EECBG



SUSTAINABLE CITY  
NETWORK  
www.sCityNetwork.com



## Available Resources

### Project Get Ready

➤ A partnership run by the Rocky Mountain Institute to provide a gameplan for communities to become EV pioneers and share lessons learned and best practices.

<http://projectgetready.com/>



### Project Get Ready Menu

➤ 15 “must have” actions  
➤ 10 “nice to have” actions

[http://projectgetready.com/wp-content/uploads/2009/02/projectgetready\\_menu\\_feb24.pdf](http://projectgetready.com/wp-content/uploads/2009/02/projectgetready_menu_feb24.pdf)



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## Available Resources

### Project Get Ready Menu

*Barrier: Car manufacturers need proof of demand to supply EVs*

1. Corporate/city/state fleets commit to purchasing a number of EVs
2. Stakeholder group organizes registration drive to get consumer commitments

*Barrier: Managing multi-sector, multi-jurisdictional project*

3. Create community-based stakeholder group to streamline EV deployment and create and endorse a clear regional plan
4. Have one “champion” to continue efforts moving forward

*Barrier: Bringing down upfront costs*

5. Work with banks and dealers to offer low-interest loans for EVs
6. Bundle incentives at vehicle point of purchase, including vouchers, rebates, tax credits

*Barrier: Consumer hesitation regarding new paradigm*

7. Offer perks: access to HOV lands, free tolls, preferred or free parking
8. Create education plans including test drives and quick lease options for consumers, local governments, local business and utility education plans



## Available Resources

### Project Get Ready Menu

*Barrier: Consumer hesitation regarding new paradigm*

9. Reduced (or free) electricity rates for charging

*Barrier: Infrastructure installation red tape*

10. Fast-track permitting for charging stations
11. Ensure new and reconstruction/renovation building codes support EVs

*Barrier: Utility concerns about EV load on grid*

12. Tie charging incentives to utility override power or "no charge" times

*Barrier: Funding infrastructure deployment*

13. Local employers/retailers provide some charging stations at parking decks
14. Install charging spots in high-traffic zones and parking areas using public or private money
15. Provide affordable (or free) and available Level 2 home-charger/driveway circuit installation.

[http://projectgetready.com/wp-content/uploads/2009/02/projectgetready\\_menu\\_feb24.pdf](http://projectgetready.com/wp-content/uploads/2009/02/projectgetready_menu_feb24.pdf)



## Available Resources

### City of Raleigh, NC

➤ Raleigh has worked with Project Get Ready to develop procedures to speed EV deployment throughout the city and plans to have 25-30 charging stations installed by end of 2011.

➤ Templates developed by Raleigh include:

- Model decision making flowchart to guide residents through charging station installation process
- Criteria for selecting sites for charging station installation
- Guidelines for charging station permitting processes



Sample documents available on Climate Communities website:

[www.climatecommunities.us](http://www.climatecommunities.us)

Videos available at:

<http://www.raleighnc.gov/home/content/AdminServSustain/Articles/ElectricVehiclesInRaleigh.html>



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## Available Resources

### The EV Project

➤ Administered by ECOTality and funded by DOE, this broad public/private partnership aims to deploy more than 14,000 charging stations and 5,700 Nissan LEAFs in six regions throughout Arizona, California, Oregon, Tennessee and Washington.



➤ Providing incentives to customers, outreach and education about EVs and sharing lessons learned among communities.

Deployment guidelines for all six target regions that The EV Project is working in can be found at:

<http://www.theevproject.com/documents.php>



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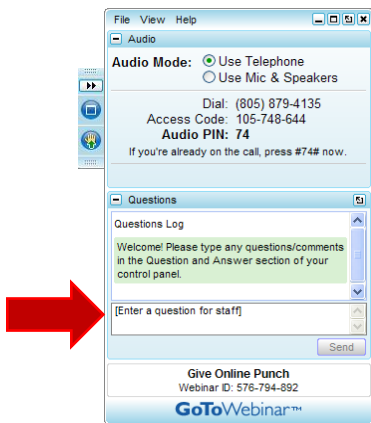
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# Questions?



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### Supporters:

