



Notice of Staff Workshop: Scoping Workshop for a Natural Gas Off-Road Vehicles Solicitation

California Energy Commission staff will conduct a public workshop to gather public comments for the development and demonstration of off-road natural gas vehicle applications. The workshop will take place on:

Friday, February 19, 2016

10:00 a.m.- 12:00 p.m.

Long Beach City Hall
City Council Chambers
333 W Ocean Blvd
Long Beach, CA
Wheelchair Accessible

Remote Access Available by Computer or Phone via WebEx™
(Instructions below)

Background

The state's most severely polluted regions, the San Joaquin Valley and the South Coast air basins, require extensive deployment of zero- and near-zero-emissions technologies to meet current and future clean air standards. The Energy Commission has funded research to develop advanced natural gas engine technology, primarily targeting on-road heavy-duty vehicles, which contribute a large share of the transportation sector's criteria air and greenhouse gas emissions. In the South Coast and San Joaquin Valley air basins, off-road vehicles are the second and third largest source of NOx emissions, with on-road heavy-duty vehicles being the largest source.^{1 2} While research and development efforts have resulted in market availability of on-road natural gas vehicles, there is an opportunity to apply those innovations from developed on-road technologies to off-road vehicle applications.

The Energy Commission is planning on releasing a competitive solicitation in the Fall of 2016. This solicitation will focus on the research, development, integration and demonstration of advanced natural gas engines and engine technologies for off-road

¹ "Preliminary Draft 2016 Air Quality Management Plan White Paper Off-Road Equipment." South Coast Air Quality Management District. June 2015. <http://www.aqmd.gov/docs/default-source/Agendas/aqmp/white-paper-working-groups/preliminary-draft-off-road-equipment-white-paper---060515.pdf?sfvrsn=2>

² https://www.valleyair.org/General_info/aboutdist.htm

vehicles. The scope of this solicitation will be consistent with recommended actions under the Priority Research, Development and Demonstration Actions for Engine Development and Vehicle Integration outlined and described in the Natural Gas Vehicle Research Roadmap (PUB# CEC-500-2008-044-F) and a research initiative in the Energy Commission's "Natural Gas Research, Development, and Demonstration Program Proposed Program Plan and Funding Request for Fiscal Year 2015-2016."

Staff will hold another public workshop on this topic in Fresno, CA on February 22, 2016. A separate notice will be posted with details for this workshop. Specifications and details for the solicitation will be based on staff's understanding of the market sector and feedback from the two public workshops.

Additional information on the California Energy Commission's Natural Gas Research and Development Budget Plan can be found at:

<http://www.energy.ca.gov/2015publications/CEC-500-2015-044/CEC-500-2015-044.pdf>

To view the Natural Gas Vehicle Research Roadmap, visit:

<http://www.energy.ca.gov/2008publications/CEC-500-2008-044/CEC-500-2008-044-F.PDF>

Purpose

In order to develop a better understanding of off-road vehicle fleets and market needs and deployment barriers, the California Energy Commission will conduct two public scoping workshops; one in the South Coast Air Quality Management District and the other in the San Joaquin Valley Air Pollution Control District. The purpose of these workshops is to identify market needs and barriers in the off-road vehicle market that prevent heavy-duty off-road vehicles from reducing emissions. The scoping workshops will provide staff with insight on the current status of the off-road vehicle market as well as further information on the technology needs and market potentials from the public, industry, and subject matter experts.

Public Comment

Oral comments: Staff will accept oral comments during the workshop. Comments may be limited to 3 minutes per speaker. Any comments may become part of the public record.

Written comments: Written comments are highly encouraged. Please include your name and organization name in the email(s) containing your written comment(s). Comments should be in a downloadable, searchable format such as the body of an email or a Microsoft® Word (.doc) or Adobe® Acrobat® (.pdf) document. Please

indicate, “Natural Gas Off-Road Vehicle Solicitation” in the subject line. Send comments to: Pilar.Magana@energy.ca.gov

Comments submitted by 5:00 p.m. on February 17, 2016 will be able to be reviewed in advance of the workshop and may be addressed during the event. Additionally, written comments will be accepted after this time and during the workshop; however, staff may not have time to review these comments before the conclusion of the workshop.

Finally, written comments after the workshop are encouraged and we ask that those comments be sent no later than 5:00 p.m. on February 26, 2016.

Stakeholders' written comments may be posted to the Energy Commission's website. Please note that your written and oral comments, attachments, and associated contact information (e.g. your address, phone, email, etc.) may become part of the viewable public record. This information may become available via Google, Yahoo, and any other search engines.

Public Adviser and Other Commission Contacts

The Energy Commission's Public Adviser's Office provides the public assistance in participating in Energy Commission proceedings. If you want information on how to participate in this forum, please contact the Public Adviser, Alana Mathews, at PublicAdviser@energy.ca.gov or (916) 654-4489, or toll free at (800) 822-6228.

If you have a disability and require assistance to participate, please contact Lou Quiroz at lquiroz@energy.ca.gov or (916) 654-5146 at least five days in advance.

Media inquiries should be sent to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact Pilar Magaña at Pilar.Magana@energy.ca.gov or (916) 327-2216.

Remote Attendance

You may participate in this meeting through WebEx, the Energy Commission's online meeting service. Presentations will appear on your computer screen, and you may listen to audio via your computer or telephone. Please be aware that the meeting may be recorded.

To join a meeting:

VIA COMPUTER: Go to <https://energy.webex.com> and enter the unique meeting number: **924 487 375**. When prompted, enter your name and the following meeting password: **workshop@10**

The “Join Conference” menu will offer you a choice of audio connections:

1. To call in to the meeting: Select "I will call in" and follow the on-screen directions.
2. International Attendees: Click on the "Global call-in number" link.
3. To have WebEx call you: Enter your phone number and click "Call Me."
4. To listen over the computer: If you have a broadband connection, and a headset or a computer microphone and speakers, you may use VoIP (Internet audio) by going to the Audio menu, clicking on "Use Computer Headset," then "Call Using Computer."

VIA TELEPHONE ONLY (no visual presentation): Call 1-866-469-3239 (toll-free in the U.S. and Canada). When prompted, enter the unique meeting number: **924 487 375**. International callers may select their number from <https://energy.webex.com/energy/globalcallin.php>

VIA MOBILE ACCESS: Access to WebEx meetings is available from your mobile device. To download an app, go to www.webex.com/products/web-conferencing/mobile.html.

If you have difficulty joining the meeting, please call the WebEx Technical Support number at 1-866-229-3239.

Availability of Documents

Documents and presentations for this meeting will be available online at:

<http://www.energy.ca.gov/research/notices/index.html>

Mail Lists:
Research, Transportation, Altfuels