

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street  
Sacramento, California 95814

Main website: [www.energy.ca.gov](http://www.energy.ca.gov)



## **Presentation for Public Interest Energy Research (PIER) Project: Piezoelectric-Based Energy Harvesting Technology**

The California Energy Commission and KEMA, Inc. will present findings, conclusions, and recommendations for the “Piezoelectric-Based Energy Harvesting Technology” project, which involved conducting an independent assessment of the commercial status and future potential of piezoelectric-based energy harvesting technology as applied to electricity generation from roadways and railways. The project’s findings, conclusions, and recommendations will be presented on:

**Thursday, February 28, 2013**

10 a.m. to 12 p.m.

**CALIFORNIA ENERGY COMMISSION**

1516 Ninth Street

2<sup>nd</sup> Floor, Conference Room 2

Sacramento, California

Wheelchair Accessible

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

### **Purpose**

The Energy Commission seeks to assess the current status of piezoelectric-based energy harvesting technology as applied to the generation of electricity from roadway and railway applications. Over the last few years, considerable information has surfaced on the uses of piezoelectric-based energy harvesting technology. This presentation will provide a third party independent assessment of the available information to determine if a specific future evaluation or demonstration will facilitate the commercial success of the technology. The presentation will also involve discussion of the technology’s potential to generate electricity with performance, reliability, and cost projections that are comparable to existing or emerging renewable energy sources.

The project involved collaboration between the Energy Commission and KEMA, Inc. (the Contractor) with the California Department of Transportation (Caltrans) and the Office of Assemblyman Mike Gatto. The project’s goal was to obtain an independent assessment of the commercial status and future potential of piezoelectric-based energy harvesting technology as applied to the generation of electricity from roadway and

railway applications. If the project results indicate that a field demonstration is feasible, the Energy Commission will coordinate with Caltrans and other research organizations to determine if funding is available to support future research and demonstration projects that meet or exceed all required standards and regulations for California roadways and railways.

In addition to the presentation by the Energy Commission staff and KEMA, Inc., other companies, researchers, or individuals may provide a presentation of up to ten minutes on activities they are performing related to the application of piezoelectric technology for energy generation from roadways to railways. Anyone desiring to present must contact David Chambers at [david.chambers@energy.ca.gov](mailto:david.chambers@energy.ca.gov), by no later than noon on February 27, 2013. No confidential or company proprietary information will be shared or discussed. Members of the public will be provided an opportunity to comment after all presentations are completed. Public comments may be made via WebEx.

## **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's Office at [PublicAdviser@energy.ca.gov](mailto:PublicAdviser@energy.ca.gov) or (916) 654-4489 (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](mailto: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](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

If you have questions on the subject matter of this meeting, please contact David Chambers at [david.chambers@energy.ca.gov](mailto:david.chambers@energy.ca.gov) or (916) 327-2356.

## **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: **924 546 585**. When prompted, enter your name and the following meeting password: **meeting@10**.

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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: [924 546 585](tel:924546585). International callers may select their number from <https://energy.webex.com/energy/globalcallin.php>

VIA MOBILE ACCESS: Access to WebEx meetings is now available from your mobile device. To download an app, go to [www.webex.com/overview/mobile-meetings.html](http://www.webex.com/overview/mobile-meetings.html).

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

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Laurie ten Hope  
Deputy Director

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