

State Of California
Governor Arnold Schwarzenegger



CALIFORNIA AIR RESOURCES BOARD
1001 I Street
Sacramento, CA 95814



CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Sacramento, CA 95814

In the Matter of:)
)
Informational Proceeding and Preparation)
of the State Plan to Increase the Use of)
Alternative Transportation Fuels)

Docket No. 06-AFP-1

DOCKET	
06-AFP-1	
DATE	FEB 16 2007
RECD.	FEB 26 2007

**NOTICE OF JOINT WORKSHOP ON THE ALTERNATIVE
TRANSPORTATION FUELS PLAN**

The California Energy Commission (Energy Commission) and the Air Resources Board (ARB) will jointly conduct a workshop on the State Plan to Increase the Use of Alternative Transportation Fuels (the *Alternative Transportation Fuels Plan*). The workshop will focus on the Full Fuel Cycle Analysis, which is required as part of the Alternative Transportation Fuels Plan. The staff is developing the *Alternative Transportation Fuels Plan* as directed by Vice Chair James Boyd and Commissioner Jeffrey Byron, Members of the Energy Commission's Transportation Committee, and ARB Chairman Robert Sawyer.

The workshop will be held on:

Friday, March 2, 2007
9:00 a.m.
CALIFORNIA ENERGY COMMISSION
1516 Ninth Street
Hearing Room A
Sacramento, California
(Wheelchair Accessible)

Note: Audio from this hearing will be broadcasted over the Internet.
For instruction to listening in, please go to: www.energy.ca.gov/webcast/.

Parties unable to attend the March 2, workshop in person will be able to comment by conference call.

Conference call information is: 888-677-1802,
Passcode: WORKSHOP, Call Leader: Mr. Tim Olson.

Staff will present the analyses done to date on the full fuel cycle analysis, and related products, as well as obtain public input on the methodology, assumptions, data, results and sensitivities of the results to the assumptions. Attachment A lists the full fuel cycle analysis draft documents and work products that will be discussed in this workshop. The agencies will consider input and data received from persons interested in the full fuel cycle analysis and its use in the alternative transportation fuels plan development.

Alternative Transportation Fuels Plan Process

Assembly Bill (AB) 1007 (Pavley, Chapter 371, Statutes of 2005) requires the Energy Commission, in partnership with ARB, prepare a state plan no later than June 30, 2007, to increase the use of alternative transportation fuels in California. Among other things, AB 1007 requires the agencies to evaluate alternative fuels on a full fuel cycle assessment of emissions of criteria air pollutants, air toxics, greenhouse gases, water pollutants, and other substances that are known to damage human health. In addition, on April 28, 2006, during the Scoping Order for this proceeding, the Energy Commission's Transportation Committee directed the Commission's staff to access the transportation fuels market in California. These two efforts will form the analytical baseline for developing the plan and policy recommendations called for by AB 1007.

Full Fuel Cycle Analysis Process

A "Full Fuel Cycle Assessment" (FFCA) means evaluating and comparing the full environmental and health impacts of each step in the life cycle of a fuel. These steps include, but are not limited to feedstock extraction, transport, storage, fuel production, distribution, vehicle operation, refueling, combustion or conversion, and evaporation. The Energy Commission and the Air Resources Board hired a contractor, TIAX, to conduct the FFCA. The agencies convened a peer review team to review the assumptions, methodology, data adequacy, and quality from the results of the analysis prepared by TIAX. The agencies also solicited input from and conducted briefings on the full fuel cycle work for working groups representing stakeholders involved with the *Alternative Transportation Fuels Plan*. This process led to the draft work products being presented at this workshop.

Workshop Participation and Comments

The agencies seek the active participation of interested parties in the *Alternative Transportation Fuels Plan* proceeding. Interested parties are encouraged to present their views either orally at the workshop or through written comments. If you wish to present your comments at this workshop, you may contact McKinley Addy at (916) 654-4634 or by e-mail at: [maddy@energy.state.ca.us] by Tuesday, February 27, 2007. Requests for participation on the day of the workshop will be accommodated to the extent that time allows. Staff will also take general comment from the public immediately following the presentations and scheduled speakers.

The agencies request that written comments on workshop topics or key questions be submitted by 5 pm on Tuesday, February 27, 2007. Please include the docket number **06-AFP-1** and indicate "**Alternative Transportation Fuels Plan Full Fuel Cycle Analysis Workshop**" in the subject line or initial paragraph of your comments. Those submitting written comments by hard copy only must provide an original plus 12 paper copies to the Energy Commission's Docket Unit. Those submitting written comments by electronic mail (e-mail) should provide the comments in either Microsoft Word format or Portable Document Format, and must also submit one paper copy to the Energy Commission's Docket Unit. E-mail comments should be sent to [docket@energy.state.ca.us].

Please send or deliver materials to the following address:

California Energy Commission
Docket Office
Attn: Docket 06-AFP-1
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

Alternatively, participants may provide an original and 12 copies at the beginning of the workshop. All written materials relating to this workshop will be filed with the Energy Commission's Docket Unit and will become part of the public record in this proceeding.

Additional Information

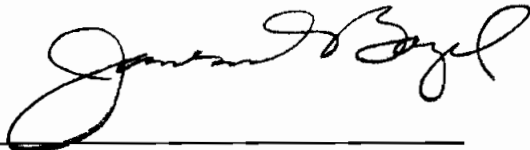
The service list for the AB 1007 proceeding on the *Alternative Transportation Fuels Plan* is handled electronically. Notices and documents for this proceeding are posted to the Energy Commission website [<http://www.energy.ca.gov/ab1007/>]. When new information is posted, an e-mail will be sent to those on the energy-policy e-mail list server. We encourage those who are interested in receiving these notices to sign up for the list server through the website [<http://www.energy.ca.gov/listservers/index.html>].

The Energy Commission's Public Adviser provides the public assistance in participating in Energy Commission activities. If you would like information on how to participate in this workshop, please contact the Public Adviser's Office by phone at (916) 654-4489 or toll-free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [pao@energy.state.ca.us].

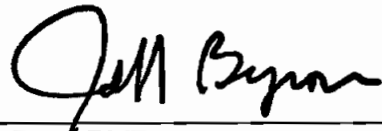
If you have a disability and require assistance to participate in this workshop, please contact Lou Quiroz at (916) 654-5146 at least five days in advance of the workshop.

Technical questions should be directed to Tim Olson, AB 1007 Project Manager, at (916) 654-4528 or by email at [tolson@energy.state.ca.us]. News media inquiries should be directed to Claudia Chandler, Assistant Executive Director, at (916) 654-4989 or by e-mail at [mediaoffice@energy.state.ca.us].

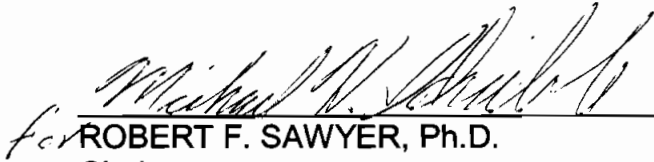
Date: February 16, 2007



JAMES D. BOYD
Vice Chair and Presiding Member
Transportation Committee



JEFFREY BYRON
Commissioner and Associate Member
Transportation Committee



for ROBERT F. SAWYER, Ph.D.
Chairman
California Air Resources Board

Note: California Energy Commission's formal name is State Energy Resources Conservation and Development Commission.

Attachment A

The following documents and work products of the full fuel cycle analysis are being made available prior to the workshop:

1. Draft Final Tank-To-Wheel Report (available at <http://www.energy.ca.gov/ab1007/index.html>)
2. Draft Final Well-To-Tank Report (available at <http://www.energy.ca.gov/ab1007/index.html>)
3. Draft Final Well-To-Wheel Report (available at <http://www.energy.ca.gov/ab1007/index.html>)
4. California Post Processor for Tank-To-Wheel Analysis (available at ftp://ftp.arb.ca.gov/carbis/fuels/ab1007/ca_greet/)
5. GREET Model modified for California (available at ftp://ftp.arb.ca.gov/carbis/fuels/ab1007/ca_greet/)

DRAFT AGENDA
Development of the State Implementation Plan for
Alternative Transportation Fuels, AB 1007 (Pavley)

ARB and Energy Commission Joint Workshop on the
AB 1007 Full Fuel Cycle Analysis

Friday, March 2, 2007

California Energy Commission
1516 Ninth Street, Hearing Room A
Sacramento, California

Please note that times are approximate and subject to change.

Phone Line for Call In

[To be provided before notice is released.]

Passcode: [To be provided]; Call Leader: Tim Olson

9:00 Welcome and Opening Remarks

Vice Chairman Jim Boyd, Energy Commission
Tim Olson, Energy Commission

9:15 Overview of AB 1007 (Pavley) Full Fuel Cycle Analysis Requirements and Process

McKinley Addy, Energy Commission
Barbara Fry, Air Resources Board

Comments, Questions

**9:30 Overview of the Consultant Draft Report on the Full Fuel Cycle Analysis:
Approach, Assumptions, Methodology, Data Adequacy, Summary Results**

Mike Jackson, TIAX, LLC

Comments, Questions: Expert & Peer Review Panel, LLNL, U.C. Berkeley, U.C. Davis

12:00 Lunch Break

1:00 Fuel-by-Fuel Full Fuel Cycle Assessment: Assumptions, Results, Sensitivities

Mike Jackson & Stefan Unnasch, TIAX, LLC

Comments, Questions: Expert & Peer Review Panel, LLNL, U.C. Berkeley, U.C. Davis

4:00 General Public Comment

5:00 Adjourn