

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

ARB and Energy Commission Joint Workshop on the
Alternative Transportation Fuels Plan 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: (888) 677-1802
Passcode: WORKSHOP; Call Leader: Tim Olson

9:00 Welcome and Opening Remarks

Vice Chairman Jim Boyd, Energy Commission
Mike Scheible, Deputy Executive Officer, Air Resources Board

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

Tim Olson, Energy Commission
Barbara Fry, Air Resources Board

Comments, Questions: Public

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

Comments, Questions: Public

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

Comments, Questions: Public

4:00 General Public Comment

5:00 Adjourn

AB 1007 Full Fuel Cycle Analysis Peer Review Meeting Briefing
Feb 21, 2007

AB 1007 Background

AB 1007 (Pavley) requires the Energy Commission, working with the Air Resources Board to develop a State Plan to increase the use of alternative transportation fuels in California.

The legislation directs the Energy Commission to conduct a Full Fuel Cycle Analysis (FFCA) of the alternative fuels proposed in the plan, and to insure that there is “no net material increase in emissions” from the increased use of such fuels.

The scope of the Peer Review covers the Well-to-Tank and Tank-to-Wheel aspects focusing on the priority areas/topics called out on the agenda.

The FFCA work is expected to be completed by the end of mid-March 2007.

Legislative Definition

As defined, a “Full Fuel Cycle Assessment” means evaluating and comparing the full environmental and health impacts of each step in the life cycle of a fuel which include, but not limited to feedstock extraction, transport, storage, fuel production, distribution, vehicle operation, refueling, combustion or conversion and evaporation.

Full Fuel Cycle Analysis Process

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 considered by peer reviewers, stakeholders and the March 2, 2007 workshop.

Products from the Full Fuel Cycle Analysis

1. Tank-To-Wheels Report
2. Well-To-Tank Report
3. Well-To-Wheels Report
4. Executive Summary
5. California-modified GREET
6. Tank-To-Wheels CA Post Processor
7. Well-To-Tank CA Post Processor
8. Well-To-Wheel CA Post Processor
9. Data Files for Off-road Equipment
10. EMFAC Modified for Use in the FFCA