State of California
AIR RESOURCES BOARD

Resolution 07-16

May 24, 2007

Agenda Item No.: 07-5-3

WHEREAS, Assembly Bill (AB) 1811 provided $25 million to incentives and fund: 1) Market-based incentives such as buydowns, rebates, credits, or other incentives for purchasers of high efficiency, high mileage, clean alternative fuel light, medium, and heavy duty vehicles, both individual and public fleet, in California; 2) Production incentives such as loans, loan guarantees, and credits for clean alternative fuel production in California; 3) Market-based incentives such as loans and loan guarantees for the construction of publicly accessible, clean alternative fuel refueling stations, including refueling stations that sell ethanol blends consisting of at least 85 percent ethanol ("E-85"), sufficient in number to match the existing and anticipated supply of E-85 vehicles in California; 4) Grants for research and development of clean and zero emission fuels and vehicle technology to assist in making those technologies affordable in the marketplace; and 5) Incentives to replace the current state vehicle fleet with clean, high mileage alternative fuel vehicles;

WHEREAS, the fiscal year 2006-2007 California Air Resources Board (ARB or the Board) budget contained $25 million for the purposes of implementing AB 1811;

WHEREAS, these funds are to be awarded by June 30, 2007, consistent with expenditure plan jointly developed by ARB and the California Energy Commission (CEC), and expended by June 30, 2009;

WHEREAS, Executive Order S-06-06, the Climate Action Plan, the Bioenergy Action Plan for California, and detailed implementation plans for biofuels use under development by ARB and CEC, pursuant to AB 1007, call for substantial expansion of the use and production of alternative fuels made from biomass;

WHEREAS, ARB and CEC staff developed proposed concepts for expending the funds, and released these concepts to the public on September 11, 2006;

WHEREAS, ARB and CEC staff held a public workshop on the proposed concepts on September 21, 2006, in Sacramento, California, with over 100 stakeholders in attendance, and received 50 written comments between August and October 2006 discussing the proposed concepts;

WHEREAS, based on the public input from the public workshop and the written comments, the ARB and CEC staff revised the proposed concepts and presented a revised version for consideration by the Board at its October 19, 2006 public meeting;

WHEREAS, the Board approved staff's proposed concepts at the October 19, 2006 Board meeting;

WHEREAS, following the October 19, 2006 Board meeting, ARB and CEC staff jointly developed grant solicitations for each category, which included the criteria that staff would use in rating the project proposals;

WHEREAS, the ARB and CEC staff released the solicitations to the public on February 9, 2007 and received 208 project proposals by March 19, 2007;

WHEREAS, these proposals were reviewed in April 2007 by a multi-state agency group based on the specific criteria established in the solicitations;

WHEREAS, the ARB and CEC staff consulted with the following State agencies in developing the concepts and developing the recommendations: State Water Resources Control Board, Integrated Waste Management Board, California Department of Food and Agriculture, and California Department of Forestry;

WHEREAS, the multi-state agency review group recommended funding the 40 projects listed in Attachment A, and presented these recommendations to the Board at its May 24, 2007, public meeting;

WHEREAS, the Board finds that the recommended projects are consistent with the intent of AB 1811 in reducing air pollution and greenhouse gas emissions;

WHEREAS, the Board finds that the recommended projects will advance California's state of knowledge and help to reduce dependency on petroleum-based fuels; and

WHEREAS, the Board further finds that the recommended projects will result in an increased in-state production and distribution infrastructure, and result in the deployment of new vehicle technology, for example, plug-in hybrids.

NOW, THEREFORE, BE IT RESOLVED, that the Board hereby approves for funding, pursuant to AB 1811, the projects presented in Attachment A.

BE IT FURTHER RESOLVED, that the Executive Officer is hereby authorized to initiate administrative procedures; execute all necessary documents in an amount not to exceed $25 million; take any and all actions necessary to ensure the purposes and intent of AB 1811 are achieved; substitute a project not herein listed above for a listed project, delete a project, and add a project if she has good cause to believe that doing so would effectuate the purposes and intent of AB 1811; and present any changes to the above list of projects to the Board for further consideration if she determines that this is warranted.

I hereby certify that the above is a true and correct copy of Resolution 07-16, as adopted by the Air Resources Board.

Lori Andreoni

Lori Andreoni, Clerk of the Board

ATTACHMENT A

Summary of Recommended Projects

Category and project totals rounded to nearest thousand

E85 and Other Alternative Fuel Infrastructure Projects		**$5,367,000**
A-1	Retail E85 Stations Located Along Hwy 101 and I-405	$580,000
A-2	Retail E85 Stations modeled after RTC established throughout California	$803,000
A-3	Retail Cardlock B99 station in Orange County	$14,000
A-4	Retail and Fleet Electric Vehicle Recharging Stalls	$175,000
A-5	Retail and City Fleet Use E85 Station in Tulare	$106,000
A-6	Fleet E85 Station at UC Davis	$70,000
A-7	Fleet CNG station upgrade (two new dispensers) for City of San Francisco	$54,000
A-8	Fleet CNG station upgrade (two new tanks) for City of San Francisco	$57,000
A-9	Fleet E85 station for Los Angeles County FFV fleet	$8,000
A-10	Sacramento Metropolitan Area E85 Stations	$3,500,000
Biofuels-Startup of Small Production Facilities in California		**$6,000,000**
B-1	Convert cow manure waste into biofuel (Bakersfield)	$650,000
B-2	Produce Methane from Dairy Digester to power converted diesel milk trucks and generate electricity (Tulare County)	$600,000
B-3	Convert landfill gas generated at Bowerman Landfill to liquefied natural gas (LNG) (Orange County)	$640,000
B-4	Convert landfill gas generated at Altamont Landfill to liquefied natural gas (LNG) (Livermore)	$610,000
B-5	10 MM gallons per year biodiesel plant (Oakland)	$620,000
B-6	3 MM gallons per year biodiesel plant (Pacifica)	620,000
B-7	10 MM gallons per year biodiesel plant (Sacramento)	640,000
B-8	1.7 MM gallons per year biodiesel plant (San Diego)	590,000
B-9	5 MM gallons per year biodiesel plant (Chilcoot)	400,000
B-10	10 MM gallons per year biodiesel plant (Santa Fe Springs)	630,000
Plug-in Hybrid, and Alternative Fuel Vehicles		**$5,000,000**
C-1	California Clean Mobility Partnership (CalCMP)	$1,103,000
C-2	Development of commercial medium power charging station	$561,000
C-3	Evaluation of Emerging Battery Technologies for Plug-in HEVs	$344,000
C-4	PHEV Demonstration and Consumer Education, Outreach, and Market Research Program	$1,500,000

ATTACHMENT A

Summary of Recommended Projects

Category and project totals rounded to nearest thousand

C-5	SAE Formula Hybrid Sponsorship	$142,000
C-6	"Electric Garage"	$150,000
C-7	Medium-Duty PHEV Demonstration	$1,200,000
Transit Bus Projects		**$ 2,000,000**
D-1	Battery Dominant, Fuel Cell, Plug-in Hybrid Transit Bus	$1,370,000
D-2	Bay Area Zero Emission Bus Advanced Demonstration	$ 630,000
Alternative Fuel Vehicle Incentive Program		**$1,794,000**
E-1	Alternative Fuel Incentive Program Administrator	$1,794,000
Consumer Education and Outreach		**$1,600,000**
F-1	Statewide Consumer Marketing Campaign to Promote Advanced Technology and Alternative Fuel Vehicles	$1,000,000
F-2	EcoCenter Alternative Fuel Education Program	$400,000
F-3	Development of a Modular "Emergency Response to Alternative Fuels" Training Program for Fire Officials	$171,000
F-4	Educational Program for Alternative Fuels and Advanced Technologies in the Central Coast Region	$29,000
Research and Testing Projects		**$3,239,000**
R-1	Certification test procedure & technical evaluation of hybrids and PHEVs.	$1,050,000
R-2	Assessment of the Emissions from the Use of Biodiesel as a Motor Vehicle Fuel in California–Biodiesel Characterization and NO_x Formation and Mitigation Study (Phase One)	$1,270,000
R-3	Biodiesel NO_x Formation and Mitigation Study (Phase Two)	$419,000
R-4	Biodiesel Multimedia Assessment (UC Berkeley)	$70,000
R-5	Biodiesel Multimedia Assessment (UC Davis)	$30,000
R-6	Biofuel Refueling Equipment Research & Development Program	$400,000
Program Total		**$25,000,000**