

# DOCKET

09-ALT-1

DATE \_\_\_\_\_

RECD. DEC 28 2009

Subject:

"09-ALT-1" regarding and indicated subjects within "2010-2011 Investment Plan."

James D. Boyd  
Vice Chair and Presiding Member  
Transportation Committee

Karen Douglas  
Commissioner and Associate Member  
Transportation Committee

Dear California Energy Commission Members,

My name is Blair Taylor; Principal with a company called PRO-ARC a subsidiary of the Aria-Group, Inc. located in Southern California. I wish to introduce my project to you and ask if it's possible to Amend PON 09-04 to accept Light Duty Vehicles.

Light Duty Vehicles is contained in Assembly Bill 118. Yet, it is mentioned but not emphasized in PON 09-04, will there be later solicitations that address Light Duty Vehicles or can I ask for an Amendment for my project to be able to be considered?

Sincerely,

Blair Taylor  
Principal, PRO-ARC  
A subsidiary of the Aria-Group, Inc.  
805 479-7741  
[btaylor@aria-group.com](mailto:btaylor@aria-group.com)

\*Please see below for more information regarding PRO-ARC first product.

The *ARC*, a new "green vehicle" Designed and Developed by Blair Taylor. Prototyped by the Aria Group ([www.aria-group.com](http://www.aria-group.com)), headquartered in southern CA. The *ARC* is an exciting, affordable, single seat state-of-the-art sports vehicle, having the potential to revolutionize the way people experience commuting. Availability to consumers is estimated for 2012.

**aria**



**PRO-ARC**

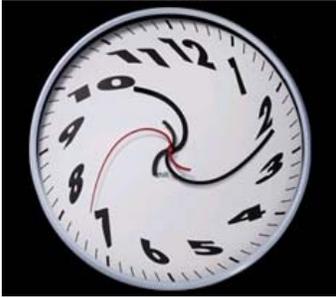
A Subsidiary of Aria Group, Inc.  
131 Magellan Street  
Thousand Oaks, Ca. 91360  
805. 479. 7741  
Point of Contact: Blair T. Taylor  
Principal

## MARKET TRANSFORMATION AND THE CHALLENGE

- ◎ We are living in a world with serious concerns about energy sources, availability, efficiency, and pricing. Obsolescence in our infrastructure has impacted productivity, community, and the global environment. Meanwhile, people are slow to adapt to new beneficial behaviors.
- ◎ Addressing challenges in America's use of transportation, statistics show that 78% of U.S. commuters currently drive alone, wasting untold amounts of time and money in the process. They drive vehicles inefficient by European/Asian standards and vehicles utilizing foreign oil, whose supply is finite and pricing uncontrolled.
- ◎ Since 1990 the number of one-hour commutes nationwide has increased 200%. Fewer than half of all commutes are less than twenty minutes.
- ◎ Congestion on our highways has increased, while the public hesitates to spend money to build new roads. In the past thirty years, road capacity has increased only 5%, while the number of vehicle miles has increased 143%. It is obvious that infrastructure cannot keep pace and is not the solution to a human problem.
- ◎ The overall challenge lies with the individual driver. Studies repeatedly show that drivers will suffer nearly anything to keep the independence of driving their own vehicle. So, let us address this challenge by creating solutions that work within existing parameters of human behavior.



## MARKET TRANSFORMATION PRO-ARC SOLUTION



**Minimizes Commuting Time**

Time: The most precious commodity



**Provides Gridlock Immunity**

VIP privileges in traffic



**Saves Money and Runs Clean**

High efficiency with reduced carbon footprint

# MARKET TRANSFORMATION PRO-ARC SOLUTION



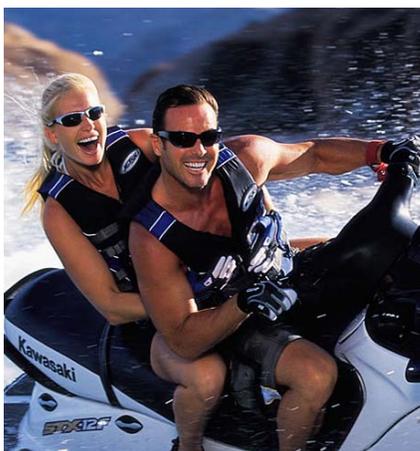
**Has Affordable High Performance**

Zero to 60 in less than 6 seconds



**Safer Than A Motorcycle**

A more substantial and fully-covered vehicle



**Enhances Your Quality Of Life**

Works with human nature and fun to drive

## MARKET TRANSFORMATION THE PRO-ARC ADVANTAGE

- ⦿ **Narrow Enough to Lane Split**
- ⦿ **Legal to Drive in the Carpool Lane**
- ⦿ **A Time Machine for Commuters**



- ⦿ **Unique and Sustainable**
- ⦿ **Exciting and Green... the Best of Both Worlds**



## PRO-ARC's ARC AND ARC2 PROJECT OVERVIEW

*ARC* is a single passenger and *ARC2* in a tandem two seater, each contains three wheels the rear wheels holding an upright position and the forward cabin leaning like a motorcycle for ultimate handling, it's ultra efficient by design allows the *ARC*s to slip through the air for the best aerodynamics known today in the automotive market, its sporty, a great commuter because it is legally a motorcycle it has rights to use the carpool lanes and because it's narrow the *ARC* can split lanes through our crowded highways. It's been designed to be a coveted modern play-toy.

Compare the *ARC* to a modern automobile and it easy to see why the *ARC* will be a success in the market place.

### A SMALL, SAFE, FUN, ECO-EFFECTIVE, AFFORDABLE, PREMIUM CAR

- 600 to 700cc engine. Resulting in an average of **55 mpg or better**.
- Approximate dry weight goal of 800lbs / 363kg or less.
- Goal of less than 8 hours for assembly.
- Target to straight line top speed of 100 mph.
- 0-60 in less than 6 seconds.
- Range at least 300 miles.
- Aerodynamics less than .26 Cd\*A
- Width 850mm. Lane splitter width.
- Height 1150mm
- Length 3150mm.
- 4,000 initial units planned, 10,000 units max for each manufacturing plant.
- Regional manufacturing business plan.

Technology we will incorporate into our product line by 2015 to 2117:

- Electric active wheel hub motor drive train or like systems.
- Lithium-ion batteries pack
- Series Hybrid. Date of project 2017 will not be explored at this time but will be packaged for later development.



## PRO-ARC & ARIA-GROUP, INC.

PRO-ARC is a sister company to the Aria-Group, Inc.

The idea is to leap frog the Aria-Group's product development business and skill set from producing show cars, prototypes and pre-production vehicles for companies like Tesla, Fisker and major manufacturing companies like GM, FORD, HONDA, TOYOTA and NISSAN. Please visit our website for further details on our clients and products offered to gain a better understanding of our size and variety of our expert craftsmanship. [www.aria-group.com](http://www.aria-group.com)

PRO-ARC will produce its own automotive products with the help from the Aria-Group's expert staff, resources and facility. Our agreement states that we will co-develop, design, engineer and prototype PRO-ARC's series one product lines. This will be our first steps towards developing our own manufacturing branch to be executed over the next two years. PRO-ARC will be one of the two divisions; PRO-ARC will be producing single and double long range efficiency passenger vehicles. The second division is named Point to Point Motors and it will be producing electric bicycles and lower range personal mobility solutions using the same basic technical and engineering. All together we will produce over 50,000 units annually, manufacturing automobiles and customer products for the future.

PRO-ARC will market our product first within California, and then develop markets in neighboring states by 2015-6. PRO-ARC's products will represent the finest of quality, and we're aggressively pursuing a leadership role in high-tech manufacturing procedures that will be highly profitable. Our concept is to produce 10,000 units yearly by 2015 and to create over 500 high paying new jobs for Californian's.

