Springboard Biodiesel, LLC
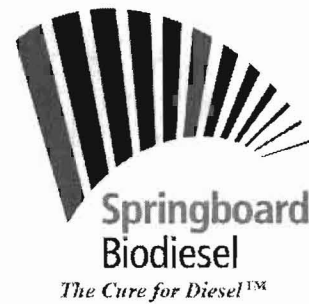341 Huss Drive
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**Springboard
Biodiesel**
The Cure for Diesel ™

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 10-ALT-1
1516 Ninth Street
Sacramento, CA 95814-5512

Dear Sirs:

Thank you for the opportunity to comment on funding priorities and opportunities to complement public and private investments in the ongoing build-out of a capable and competitive alternative energy infrastructure in the North State region of CA.

Springboard Biodiesel is located in Chico, CA. We manufacture the world's leading small-scale biodiesel production systems, most notably the BioPro™ and SpringPro™. We sell our products both domestically and internationally. Our goal is to enable our customers to produce their own ASTM-grade biodiesel for a fraction of the price of petroleum-based diesel. We have 10 employees and estimate that 90% of our bill of materials is sourced from throughout Butte County.

Biodiesel is recognized both in the US and around the globe as a non-toxic, cleaner-burning, renewable alternative energy source. It is a one for one replacement fuel for any diesel engine and allows that engine to burn significantly cleaner. Both the Environmental Protection Agency and the California Air Resources Board have done extensive tests on biodiesel and fully support it use as a replacement for petroleum-based diesel.

Exhaust Emission Biodiesel vs. Petroleum Diesel per the US EPA*		
Emissions Type	B100	B20
Total Unburned Hydrocarbons	-67.00%	-20.00%
Carbon Monoxide	-48.00%	-12.00%
Particulate Matter	-47.00%	-12.00%
NOX	10.00%	+2% to -2%
Sulfates	-100.00%	-20.00%
PAH (Polycyclic Aromatic Hydrocabons)	-80.00%	-13.00%
nPAH (nitrated PAHs)	-90.00%	-50.00%
Ozone potential of speciated HC	-50.00%	-10.00%
* www.epa.gov/otaq/models/analysis/biodsl/p02001.pdf		

Springboard Biodiesel has recently developed patent-pending technology that will allow the Company to further grow its business. Specifically the Company has developed a larger, fully-automated turnkey system, called the Intelligent Local Processing (ILP) system, that allows our operators to make biodiesel using the broadest array of animal

and vegetable feedstocks. This in turn ensures that our operators make biodiesel for the lowest possible cost, in their geographic location.

Ultimately our business plan calls for the creation of a network of low-cost, local biodiesel production "nodes" that will cumulatively create approximately 3MM gallons of biodiesel annually in the North State over the next 2 ½ years. With success in the North State, we plan to migraget both the technology and production model to the rest of California and US.

Our success will greatly benefit the North State by replacing diesel #2 with cleaner burning ASTM-grade biodiesel, creating 50+ new clean-tech jobs and significant taxable local revenues in the region. Three million gallons of ASTM-grade biodiesel will reduce the region's CO2 emissions by over 58MM lbs while significantly reducing airborne particulate matter (important for the region, which has repeatedly received failing grades for air quality) and assisting meaningfully and immediately to the State's goal of reducing its petroleum dependence by 20% over the next 9 years.

Because our ILP systems are small-scale – from 144,000 – 600,000 gallons annually – they enable local production from local, [least-expensive] inputs and local consumption, avoiding the necessity of transporting feedstock and fuel to distant locations. This further lowers the overall emissions profile of our particular biodiesel fuel and ensures focused, local revenue creation.

By creating a meaningful biodiesel production network in the North State, Springboard Biodiesel will be able to create 50+ new clean tech jobs, reduce local pollution levels and provide competitively priced biodiesel that will help power the region's economy.

I welcome your questions and comments.

Best Regards,

Mark J. Roberts
Chief Executive Officer