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Funding and Support for Alternative Liquid Fuels

Liquid fuels that are used in internal combustion engines, particularly diesel compression ignition engines, remain necessary and vital components of California's transportation, shipping, hauling, construction, agricultural sectors. Numerous alternative biofuel other than those already available on the market offer significant potential to displace petroleum, reduce emissions, and provide local jobs; however, their growth has been overlooked by public funding opportunities and restricted by regulations that are intended to protect against other industries.

I encourage the California Energy Commission to actively support the development and commercialization of alternative liquid biofuels, particularly those that can be produced and integrated with existing infrastructure via bolt-on models by offering funding opportunities for the production and demonstration of such products and technologies. In order to do so effectively, I recommend the following:

- 1) Allow alternative biofuels such as microemulsion diesel, dimethyl ether, and other emerging technologies to be eligible and compete for biofuel production funding opportunities and provide criteria and details for what stages of production and sales would be competitive.
- 2) Provide funding for the in-use demonstration of low emission liquid fuels rather than just vehicle technologies.