



## Final Environmental Assessment for the Phycal Algae Pilot Project, Wahiawa and Kalaeloa, HI (Doe/EA-1829) (Paperback)

By U S Department of Energy, National Energy Technology Laboratory

Createspace Independent Publishing Platform, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. DOE prepared this Environmental Assessment (EA) to assess the potential for impacts to the human and natural environment of its Proposed Action -- providing financial assistance to Phycal under a cooperative agreement. DOE s objective is to support the development of innovative concepts for beneficial CO2 use, which include, but are not limited to, CO2 mineralization to carbonates directly through conversion of CO2 in flue gas; use of CO2 from power plants or industrial applications to grow algae or biomass. Under the terms of the cooperative agreement, DOE would provide approximately 80 percent of the funding for the development of a pilot algae farm and processing facility in Wahiawa and Kalaeloa, Hawaii, to demonstrate the beneficial use of CO2 for the growing of algae and production of algal oil (referred to as the proposed project within this EA). The proposed project would develop algae technology that demonstrates the future potential of algae oil for biofuels at a level that results in technical, economic, and environmental advantages. This advanced technology would not only help to enhance U.S. energy supplies through...



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