



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

DAVID Y. IGE
GOVERNOR

LUIS P. SALAVERIA
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804
Web site: www.hawaii.gov/dbedt

Telephone: (808) 586-2355
Fax: (808) 586-2377

Statement of
LUIS P. SALAVERIA
Director
Department of Business, Economic Development, and Tourism
before the
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION

Tuesday, February 3, 2015
9:00 a.m.
State Capitol, Conference Room 325

in consideration of
HB 479
RELATING TO ENERGY.

Chair Lee, Vice Chair Lowen, and Members of the Committee.

The Department of Business, Economic Development & Tourism (DBEDT) offers comments on HB 479, which appropriates funds for equipment, training, and ongoing operations necessary to establish a hydrogen purity testing capability in Hawaii to verify that the hydrogen purity meets SAE International's J2719 standard for fuel cell vehicles.

DBEDT notes that the funding and staff required to administer DBEDT's duties in this bill are not included in its current budget. DBEDT acknowledges hydrogen can play a role in the furtherance of Hawaii's comprehensive transportation plan for significantly reducing the consumption of petroleum products in the transportation sector. The 2014 Hawaii Natural Energy Institute's Application of Hydrogen Storage Technologies for Use in Fueling Fuel Cell Electric Vehicles report referenced the application of the SAE International's J2719 standard for fuel cell vehicles and identified that it is very difficult, time-consuming, and expensive to test hydrogen for impurities and also indicated the development of a quick-response hydrogen contaminant detection is needed.

Thank you for the opportunity to offer these comments regarding HB 479.