

Testimony before the House Committees on
Transportation and
Energy and Environmental Protection

HCR 208, Supporting the Electrification of Energy-Efficient Transportation
Systems in Hawaii

Wednesday, April 1, 2009
10:00 a.m., Conference Room 309

By Carlos Perez Loriga
Director
Customer Technology Applications Division
Hawaiian Electric Company, Inc.

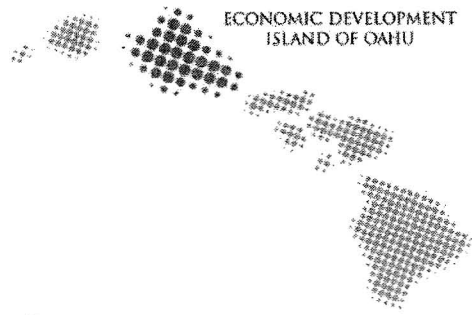
Chairs Souki and Morita, Vice Chairs Awana and Coffman and members of
the Committees:

My name is Carlos Perez Loriga and I am testifying on behalf of
Hawaiian Electric Company, Inc., and its subsidiary utilities, Maui Electric
Company, Ltd., and Hawaii Electric Light Company, Inc.

HCR 208 supports the electrification of energy efficient transportation
systems in Hawaii and urges collaboration from relevant stakeholders on
ways to expedite adoption of electric vehicles.

Hawaiian Electric Company strongly supports HCR 208, to expedite
the adoption of electric vehicles, including plug-in hybrid vehicles, in
Hawaii. Increased consumer acceptance of these types of vehicles, will aid
in the reduction of greenhouse emissions and fossil fuel use and will help
enable the Hawaii Clean Energy Initiative's goal of 70% clean, renewable
energy by 2030.

Thank you for the opportunity to testify.



March 31, 2009

Hawaii State legislature
State Capital
Honolulu, Hawaii 96813

Support Testimony on HCR 208

SUPPORTING THE ELECTRIFICATION OF ENERGY-EFFICIENT TRANSPORTATION SYSTEMS IN HAWAII.

COMMITTEE ON TRANSPORTATION

Rep. Joseph M. Souki, Chair
Rep. Karen Leinani Awana, Vice Chair

COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

Rep. Hermina M. Morita, Chair
Rep. Denny Coffman, Vice Chair

Wednesday, April 1, 2009, 10:00 a.m., Conference Room 309

Enterprise Honolulu, the Oahu Economic Development Board supports HCR208, establishing the development of the electrification of energy-efficient transportation systems throughout the State of Hawai'i.

Hawai'i now imports 100% of our oil, (33%) for electricity production, (33%) ground and marine transportation and (33%) aviation. The Department of Energy and the National Renewable Energy Lab reported that in 2008, the yearly cost of this imported oil to every man, woman and child in Hawai'i is over \$2,100 per capita. That's over \$8,400 a year for every household of 4.

The following projects are necessary to accelerate Hawai'i's transition from a fossil-fuel-based transportation system to a more energy-efficient, electricity-based system:

- Build the smart grid including the interisland marine cables so renewable off peak energy can be used for electric transportation alternatives.
- Align the permitting, licensing and Environmental permitting processes to expedite simultaneous development of the smart grid, while siting renewable energy projects and grid upgrades to support distributed generation, smart demand side management, and time of day billing.



**ENTERPRISE
HONOLULU**

THE BUSINESS CLIMATE OF PARADISE

737 Bishop Street, Suite 2040, Honolulu, Hawaii 96813 • 808-521-3611
Fax: 808-536-2281 • www.EnterpriseHonolulu.com

- Expedite the use of smart metering on every Hawai'i home, business, school, university and government building. This can also employ hundreds, perhaps thousands of workers annually with good paying "green collar" jobs.
- Accelerate the infrastructure development and incentives for electric cars including incentives for infrastructure, purchase, and renewable grid implementation.

For every electric vehicle replacing a fossil fuelled vehicle, Hawaii saves an average of 700 gallons of gasoline annually while increasing the use of off peak renewable energy. This helps bring more renewable energy to market faster while directly contributing to the reduction in fossil fuel use and green house gases.

The timing is right for these activities and this legislation takes a good step in the process.

Enterprise Honolulu, the Oahu Economic Development Board, supports HCR208.

A handwritten signature in black ink, appearing to read "John R. Strom". The signature is fluid and cursive, with a large initial "J" and "S".

John Strom, Vice President
Director of Business Development and Technology
Enterprise Honolulu