

For Immediate Release

HINA POWER CORP.

**HINA Power Corp to showcase solution for
Maui's Energy Independence
at upcoming Maui Energy Conference**

*A solar electricity generation system for the entire island
could be built in 5 years and paid off in 10 years.*

Kihei, Maui - March 24, 2015 - HINA Power Corp, a Maui-based company, announced that they will showcase their design of the HINA solar energy system (named after the goddess Hina) at the Maui Energy Conference.

HINA is designed to make Maui the largest grid ever to achieve 100% renewable energy and could be powering Maui by sun, wind and water as soon as 2020.

HINA could be paid off from the savings in fuel costs in as little as 10 years, and produce electricity for a tenth of the current cost after that.

Website

Please visit HinaMaui.com and download our study and the flyer.

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Maui's New Energy Company has a Transformational Proposal

The illustration shows a hydro storage system, using water tanks at the bottom and top. Solar provides electricity to pump water up the mountain in the day and at night the water flows through generators to provide "moon power". The desalination plant provides water to initially fill the system and supplies water to the farms and forests.

The HINA system is sized to eliminate all fossil-fuel based generation on Maui, making Maui island the largest of the world's 100% renewable energy grids.

The location is Kahikinui, on the south-eastern dry backside of Maui, just east of the existing wind farm in Auwahi. An integral part of the project is to provide local farms in the Hawaiian Homelands with water and power. This will support reforestation and make land available for more farmers to homestead, thus fulfilling the vision of Homeland's founder Prince Kūhiō to return Hawaiians to the land to maintain traditional ties to the land.

HINA will take 5 years to build, and then benefit everyone:

- Consumers get immediate relief from high electric rates
- Their children and grandchildren inherit a paid-off power system
- Electricity supply is secure and independent of the world economy
- Benefits for Native Hawaiians and leeward forests
- HINA is 100% Clean Energy
- Emission reductions are the same as taking 95,000 cars off the road
- HINA generates jobs and construction industry income
- HINA allows more solar on the grid, supporting the solar industry
- And it is more profitable for Maui Electric than the status quo

220 MW Hydro Generation	700 MW Solar PV
900-1,200 million kWh per year	Biodiesel backup
80 Mgal water storage	9,000 ft head
591,000 ton CO ₂ reduction	Up to 30% cost savings

Maui key numbers: 150,000 inhabitants	(Sources: Meco RFP, PSIP, EPA)
Electricity Generation: 1,200 million kWh/yr	8 million MBTU/yr from fossil fuels
Generation mix: 68.2% oil - 3.6% coal/bagasse - 21.5% wind - 5.9% solar - 0.8% other	
Using EPA data, 8 MMBTU diesel emit 591,000 tons of CO ₂ /yr (natural gas 424,000),	
which is equivalent to a 10 ft blanket over the central valley every year.	

If we all work together, HINA can be built by 2020

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