

A tropical scene featuring several palm trees in the foreground and a vast expanse of clear, deep blue water in the background. The text is overlaid on the upper portion of the image.

**Pacific Islands
Environment Conference
June 22, 2005**

Pacific Biodiesel

***Building Community Based
Biodiesel Fuel Production***



Renewable energy for a cleaner tomorrow!





KING DIESEL



Power
Generation

871-6624

powered by
BIODIESEL
RAM 2500



Pacific Biodiesel – Maui, Hawaii USA



From Waste

To Energy



What is Biodiesel?

The background of the slide features several glass bottles of varying sizes, each containing a clear, yellowish-brown liquid. The bottles are arranged on a white surface against a light blue background. The liquid's color is consistent across all bottles, suggesting it is the same substance being discussed in the text.

- A fuel for any diesel engine
- Non-toxic
- Biodegradable
- Non-flammable
- 100% renewable / recycled
- Superior lubrication
- Low emission
- Ultra Low Sulfur

Benefits for our community

Waste Reduction and Diversion

15,000 tons / 3.8 million gallons per year



Jobs

Direct jobs and new industries

Exporting Technology

Worldwide recognition for Hawaii





Fuel Tax Rates September 2004

Biodiesel

Petroleum Diesel

Maui County:

Fed \$0.244

State \$0.040

Total: \$0.284

Fed \$0.244

State \$0.340

Total \$0.584

C&C of Oahu:

Fed \$0.244

State \$0.123

Total \$0.367

Fed \$0.244

State \$0.325

Total \$0.569

Kauai County

Fed \$0.244

State \$0.040

Total \$0.284

Fed \$0.244

State \$0.290

Total \$0.534

Hawaii County

Fed \$0.244

State \$0.062

Total \$0.306

Fed \$0.244

State \$0.248

Total \$0.492

Who uses biodiesel?

OAHU:

City & County of Honolulu
Travel Plaza Transportation
Polynesian Adventure Tours
Hawaiian Electric



MAUI:

Maui Land & Pine
Rojac Trucking
County of Maui
Akina Bus





powered by
BIODIESEL

MADE IN HAWAII FROM 100%
RECYCLED VEGETABLE OIL

Pacific Biodiesel

KING DI







POWERED BY
100% RECYCLED VEGETABLE OIL

PACIFIC Biodiesel

Clean Cities Honolulu



Maui Matt

85 MCR



**HONOLULU
DISPOSAL
SERVICE**
845-7581

HONOLULU



**DISPOSAL
845-581**

TARE 16600

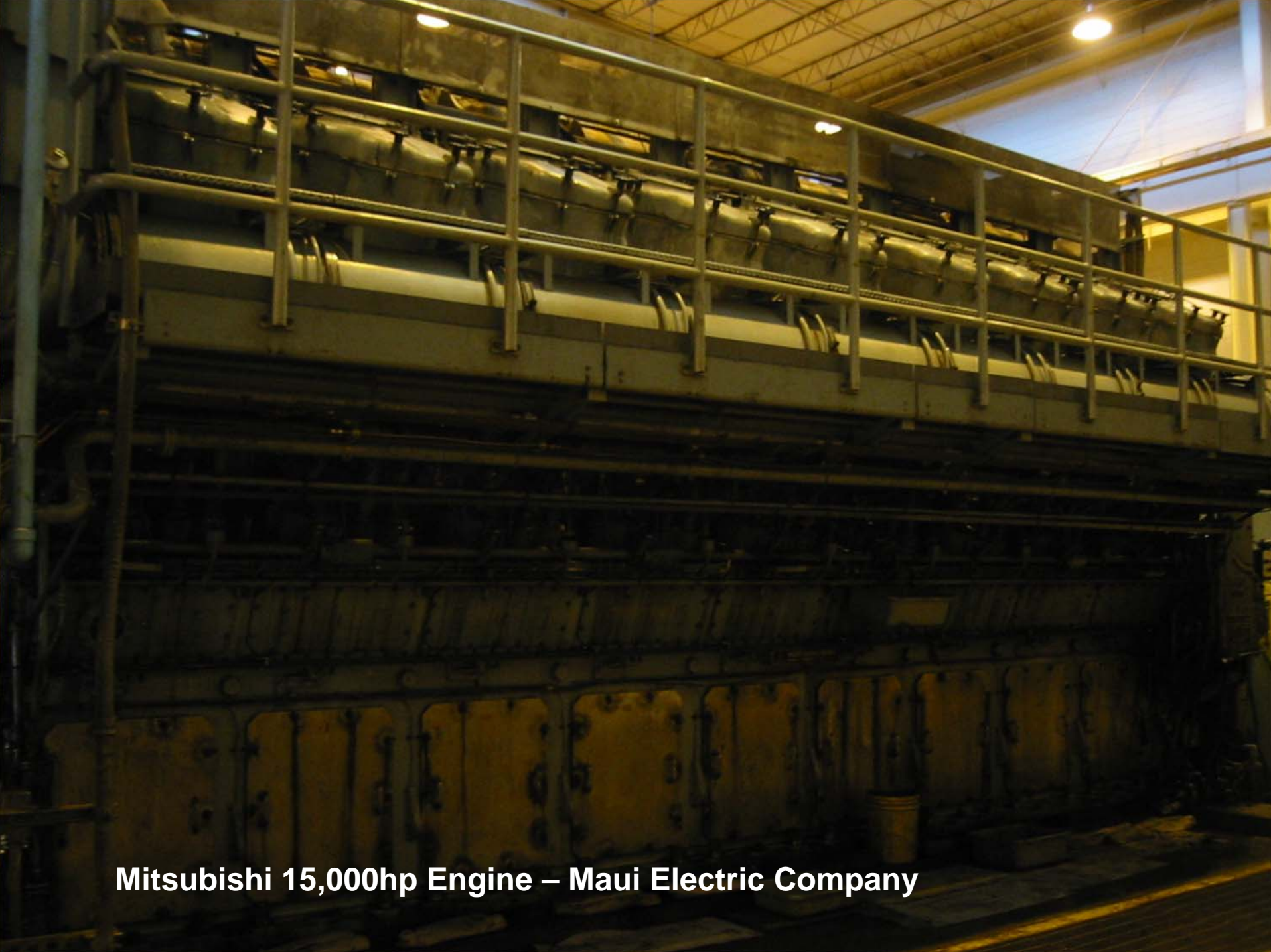




SUCK'EM UP
PUMPING
573-8277

SUCK'EM UP
PUMPING
573-8277





Mitsubishi 15,000hp Engine – Maui Electric Company

Yoshida Kosan Nagano Japan





Yoshida Biodiesel Plant - Nagano Japan

Virginia Biodiesel Refinery 2005



Virginia Biodiesel, Virginia USA



Bently Agrodynamics plant under construction Nevada USA





**Pacific Biodiesel Plant – Salem, Oregon USA
Under Construction 3 million liters/year**

Biodiesel Production in Hawaii



Current Biodiesel production in Hawaii

500,000 gallons/year = 1.3% of all on-road diesel

Potential for used cooking oil in Hawaii -

1.5mil gallons/year = 3.9% of all on-road diesel



A wide-angle photograph of a lush green field of crops, likely soybeans, stretching towards a small village with traditional houses and a forested hillside in the background. The text 'The Future: Field Crops for Biodiesel' is overlaid in white, bold, serif font at the bottom of the image.

**The Future:
Field Crops for Biodiesel**

Diversified Island Agriculture
Sustainable Energy
Eco Tourism
Secure Fuel Source

