

The background of the slide is a vibrant tropical scene. It features several palm trees with lush green fronds, some of which are in the foreground, partially obscuring the view. The background is a deep, clear blue, likely representing the ocean or a clear sky. The overall tone is bright and sunny, evoking a sense of a tropical island environment.

Pacific Islands Environment Conference June 22, 2005

Pacific Biodiesel

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



Renewable energy for a cleaner tomorrow!





KING DIESEL
Cummins Power
Generation
871-6624

powered by
BIODIESEL
RAM 2500



Pacific Biodiesel – Maui, Hawaii USA



From Waste

To Energy



What is Biodiesel?

- 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

Maui County:

Fed \$0.244

State \$0.040

Total: \$0.284

C&C of Oahu:

Fed \$0.244

State \$0.123

Total \$0.367

Kauai County

Fed \$0.244

State \$0.040

Total \$0.284

Hawaii County

Fed \$0.244

State \$0.062

Total \$0.306

Petroleum Diesel

Fed \$0.244

State \$0.340

Total\$0.584

Fed \$0.244

State \$0.325

Total \$0.569

Fed \$0.244

State \$0.290

Total \$0.534

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
Renewable Energy for a Greener Tomorrow
Clean Cities
Honolulu





**HONOLULU
DISPOSAL
SERVICE**
845-7581

HONOLULU



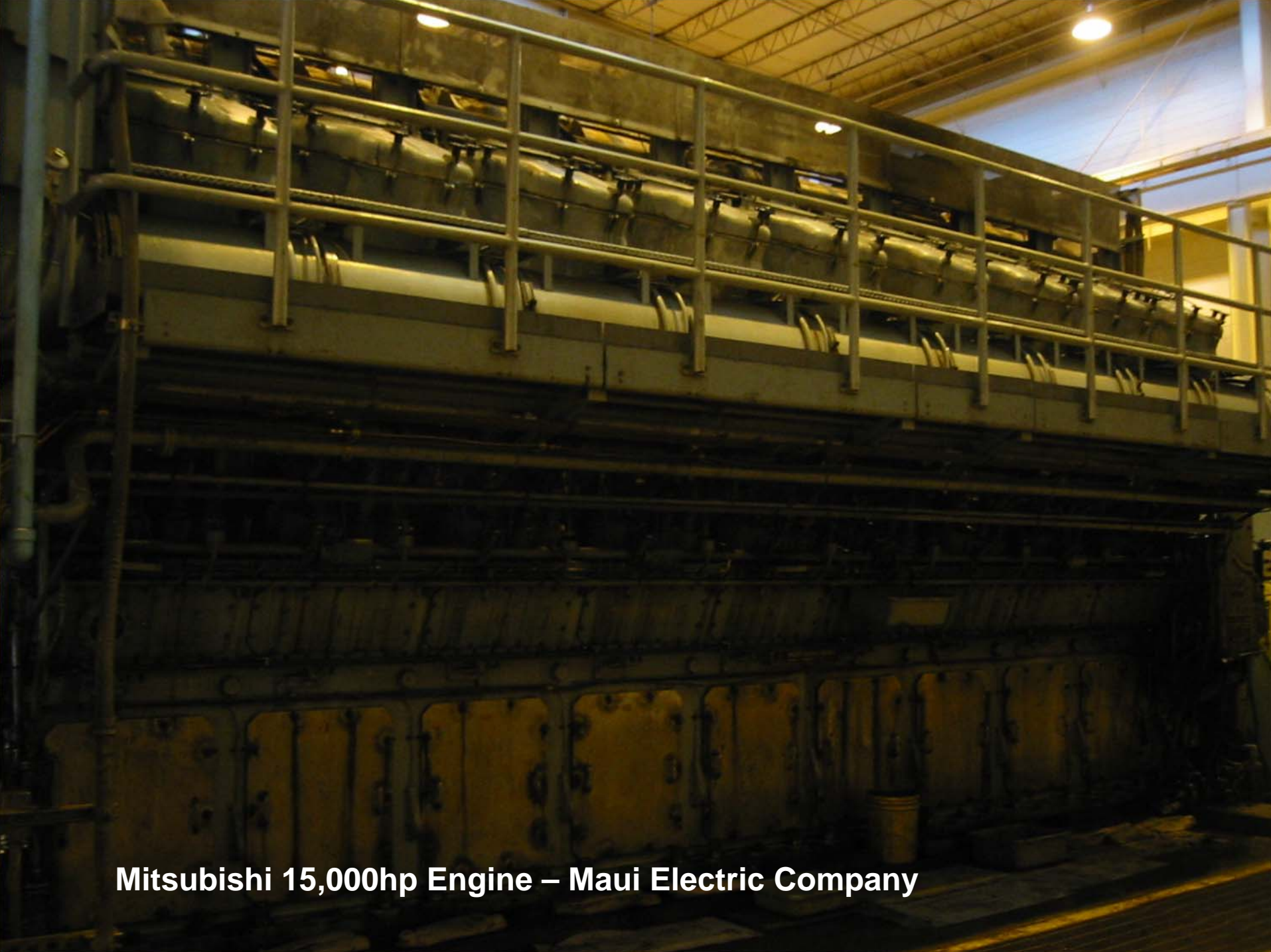
**DISPOSAL
845-7581**

TARE 16600



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





The Future: Field Crops for Biodiesel

Diversified Island Agriculture
Sustainable Energy
Eco Tourism
Secure Fuel Source

