

Makai to present three OTEC projects at a clean energy conference in September in Honolulu – For Immediate Release

Makai Ocean Engineering, Inc. is confirmed to present on three important aspects of Ocean Thermal Energy Conversion (OTEC) technology at an upcoming conference in Honolulu, Hawaii September 9 – 11. The conference, called the Asia Pacific Clean Energy Summit, has a special OTEC Symposium portion, which is being organized by the USA's NOAA and its Korean counterpart, KIOST. The symposium will feature presentations and exhibits by Makai and other OTEC specialists from around the world.

Makai will present on these topics:

OTEC Heat Exchangers: Performance and Power Output for Historical & Modern Designs

Heat exchangers are the #1 cost driver in an OTEC plant. Thus improving their efficiency, reducing capital cost, and extending their life are critical to the economic success of OTEC. This presentation explores the success of various designs, past and present, including designs currently being tested at Makai's OTEC Test Facility.

OTEC Turbine Selection and Test Facility Operation

Makai is in the procurement phase for a 100kW turbine to be operated at the OTEC Test Facility, which will make it the largest operational true OTEC plant in the world.

Biochemical Simulation of a 100 MW OTEC Discharge Plume

Makai is the leading developer of numerical models to simulate the environmental effects of the discharge water from an OTEC plant. Makai's biochemical model is being used to aid the agency responsible for OTEC regulation in the United States (NOAA).

Makai will also host a special event after the conference to be held in Kona, Hawaii on September 12th. This event will include a tour of Makai's OTEC demonstration plant (pictured), on-site presentations, and a facilitated round table discussion with international OTEC specialists.



Makai Ocean Engineering Inc. is diversified engineering company providing ocean, mechanical, chemical, and software services. Areas of expertise include ocean based renewable energy (OTEC and Seawater Air Conditioning), heat exchangers, large pipelines, submarine cable software and engineering, and general marine R&D.

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For Media and Software Pricing Inquiries, contact:

Duke Hartman, Marketing Director

Makai Ocean Engineering, Inc. • www.makai.com

Phone: (808) 259-8871 • Email: duke.hartman@makai.com • PO Box 1206 Kailua, Oahu, HI 96734