

Alaska Hydrokinetic Energy Research Center (AHERC)

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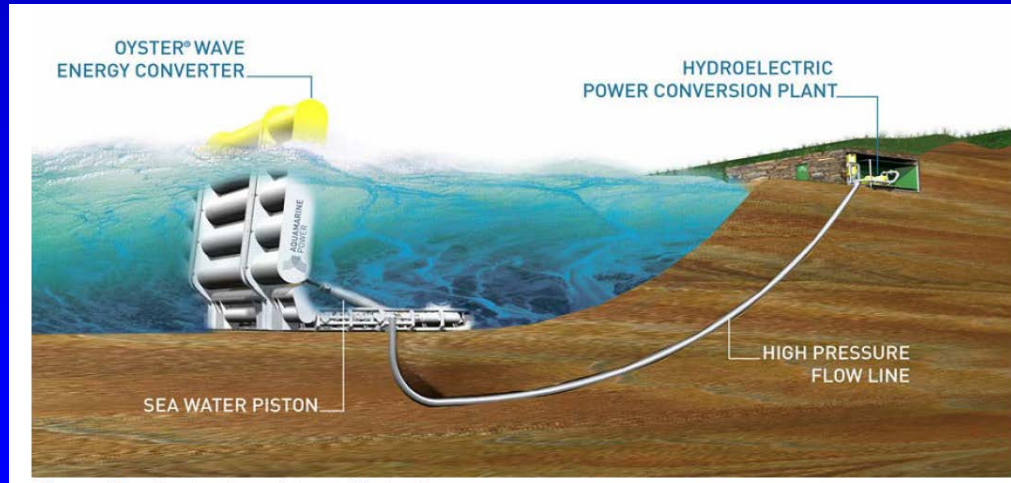
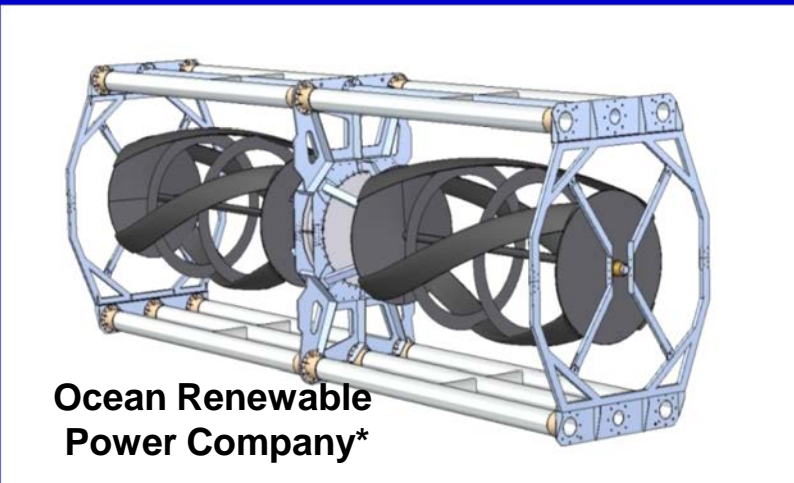
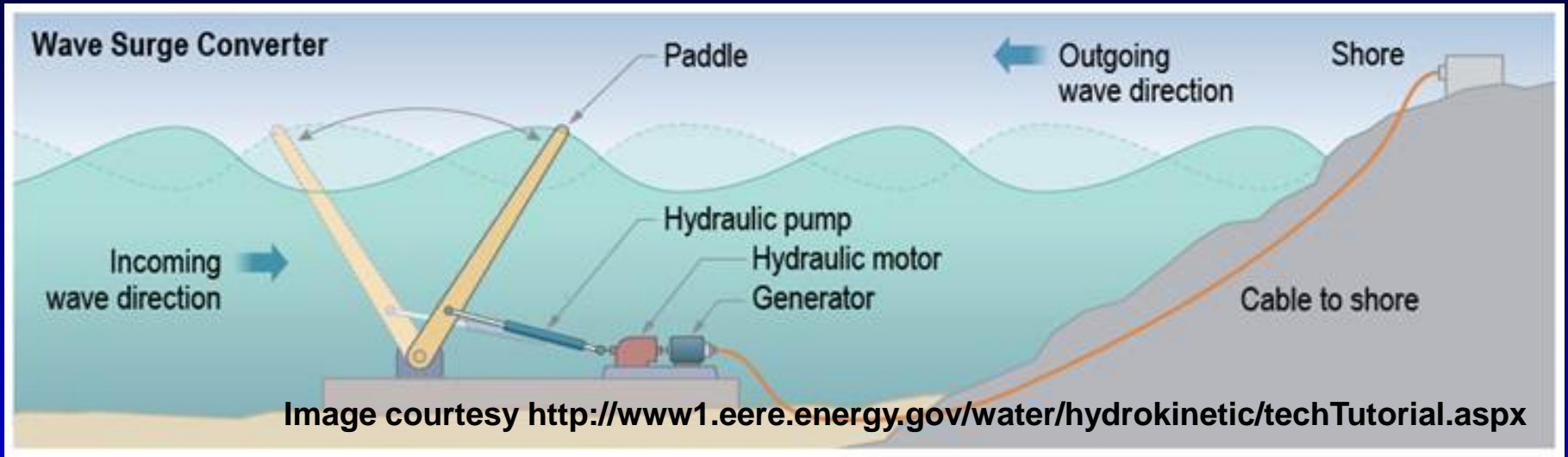
ACEP
Alaska Center for Energy and Power

Yakutat June, 2013

AHERC Goals

- **Work closely with communities, industry, resource & regulatory agencies, utilities and power advocates to help communities make informed decisions**
- **Provide a statewide information and research resource**
 - **Marine and in-river resource assessments**
 - **Evaluate available power & biological resources that may be affected by hydrokinetic development**
 - **Evaluation of interactions between aquatic & socio-economic environments and marine and hydrokinetic energy development**
 - **Evaluate changes to river or ocean circulation or waves regimes that affect fisheries and marine organisms by altering habitat**
- **Develop and disseminate data and information needed by stakeholders to make informed decisions**

Hydrokinetic and Wave Devices



Yakutat

- Working with the CBY, Resolute Marine Inc., Benthic Geosciences, USACE and Alaska Energy Authority to develop and finance a cost effective monitoring program to evaluate Yakutat's wave energy potential

