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Emerging Energy Technology Grant

In its continuing effort to support the development and implementation of alternative and renewable energy projects in Alaska, the Denali Commission (Commission) awarded \$4 million towards emerging energy technology projects.

In August 2009, the Denali Commission solicited proposals for projects that focused on research, development, or demonstration projects designed to test new energy technologies or methods of conserving energy or improve existing energy technology. The Commission targeted applied research projects that employ energy technologies with a reasonable expectation that the technology will be commercially viable in Alaska in five years or less. The Commission's goal thru this effort is to develop emerging energy technology that has the potential of widespread deployment in Alaska and has the long term goal of reducing energy costs for Alaskans.

The Commission's Emerging Energy Technology Grant (EETG) solicitation received 50 proposals requesting over \$29 million in emerging energy technology development funding. Fifteen of these proposals were asked to present their ideas and of that, nine projects in varying innovative energy technology categories are recommended to receive funding from the Commission. They were:

<i>Organization:</i>	<i>Emerging Technology:</i>
Kotzebue Electric Association	Energy Storage Batteries
Sealaska Corp	Wood Pellet Fired Boiler
Kotzebue Electric Association	Solar Hot Water Systems
Tanana Chiefs Conference	Organic Rankine Cycle Waste Heat Recovery
University of Alaska Fairbanks	High Penetration Hybrid Power System
Cordova Electric Cooperative	Psychrophiles for Generating Heating Gas
Alaska SeaLife Center	Seawater Heat Pump System
Kotzebue Electric Association	Wales Wind-Diesel Hybrid Power System (Controls and Communication)
Ocean Renewable Power Co/UAF	Nenana Hydrokinetic

The Denali Commission is working with the Alaska Center for Energy and Power (ACEP) at the University of Alaska to manage these projects. Other outcomes through this initiative include documentation and reporting from ACEP detailing the *lessons learned* from these projects in the state of Alaska. Watch our website for details on this effort at www.denali.gov