

Renewable Energy Alaska Project: Taking a Proactive Approach to Renewable Energy Development

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What is Renewable Energy Alaska Project (REAP)?

- Alaska's first and only *education and advocacy* group for renewable energy
- A coalition of small and large electric utilities and utility interests, environmental groups, consumer groups, businesses, Alaska Native organizations and energy agencies with the goal of "increasing the production of renewable energy in Alaska."

Consensus Building Took Time

- Met with a wide spectrum of energy stakeholders over a period of two years
- Built trust and suggested the idea of a coalition to work on renewable energy development
- Convened more than 20 stakeholders in June 2004

REAP's Vision

For economic and environmental reasons, we believe Alaska, the United States, and the Earth will benefit greatly from the rapid development of renewable energy resources and that Alaska can and should be a leader in such development.

REAP's Mission

REAP's mission is to facilitate the increased development of renewable energy in Alaska through collaboration, education, training, and advocacy.

REAP'S Objectives

- 1) Help get viable and already proposed renewable energy projects in the ground
- 2) Help implement policies that will increase the production of renewable energy in Alaska
- 3) Build a market in Alaska for renewable energy
- 3) Foster and demonstrate stakeholder unity in support of renewable energy
- 5) Promote energy efficiency

Diverse Energy Stakeholders are Represented

- Large Alaska Utilities
- Small Alaska Utilities
- Businesses and Developers
- Environmental Groups
- Consumer Groups
- Alaska Native Organizations
- State & Federal Agencies as Advisors

REAP Director Members

Chugach Electric Association (CEA)
Municipal Light and Power (ML & P)
Golden Valley Electric Association (GVEA)
Homer Electric Association (HEA)
Kotzebue Electric Association (KEA)
Alaska Village Electric Cooperative (AVEC)
TDX Power
Alaska Power Association (APA)
Alaska Power and Telephone
Sierra Club
Alaska Center for the Environment
Alaska Conservation Alliance
Alaska Public Interest Research Group (AkPIRG)
Rural Alaska Community Action Program (RurALCAP)
Green Star
Chena Hot Springs
PowerCorp Alaska, Inc.
Siemens Building Technologies
Alaska Inter-Tribal Council
Aleutian/Pribilof Islands Association (APIA)
Yukon River Inter-Tribal Watershed Conference

REAP Advisory Members

Alaska Energy Authority
Denali Commission
USDA Rural Development
National Renewable Energy Lab (NREL)
Cold Climate Housing Research Center
Alaska Housing Finance Corporation

Other REAP Organizational Members

- Cook Inlet Region Incorporated (CIRI)
- ABS Alaskan
- Alaska Center for Appropriate Technology (ACAT)
- Dalson Energy
- enXco
- UPC Wind Management
- Huntley and Associates
- Northern Power Systems
- STG, Inc.
- ORMAT Technologies

- Naknek Electric Association
- Kodiak Electric
- City of Ketchikan
- Copper Valley Electric Association (CVEA)
- Nome Joint Utilities
- City of Bethel
- City of Sitka

- IBEW Local 1547

- Alaska Building Science Network (ABSN)

- Northern Alaska Environmental Center (NAEC)

REAP is Focused on the Problem (Not the People): Reliance on Fossil Fuel has Risks

- * Fossil fuel prices are rising quickly and there is little we can do about it
- * Our entire society is dependent on two finite and strategic world commodities (oil & gas)
- * Alaska's climate is changing
- * Some kind of tax on carbon is inevitable
- * Other places are capturing market share and Alaska should be part of the energy revolution

It All Starts with Education

- The REAP board considered several different policy options for Alaska including a Renewable Portfolio Standard (RPS), Net Metering, and a Renewable Energy Fund
- Found consensus in proposing a Renewable Energy Fund *without* a system benefit charge

2007 Alaska Legislative Session

REAP Policy Consensus:

Renewable Energy Fund

Loans and production credits

Grants with matching monies

Administered by the Alaska Energy Authority

with 7 member energy stakeholder oversight committee

Funded with capital appropriations

HB152

Passed the House 35-0

Needs just one more Senate (Finance) Committee hearing

23 sponsors in House

13 sponsors in the Senate

Iceland's Vision

vision

- Iceland's government wants it to become the world's first fully Hydrogen-driven economy by 2050
- Producing enough Hydrogen would ~~mean~~ that Iceland would no longer need to import any fossil fuels
- A recent survey showed 93 per cent of Icelanders to be behind the idea
- Ríkisstjórnin hefur lýst vilja sínum til þess að Ísland verði fyrsta vetnissamfélag heims, líklega um 2050
- Með því að framleiða nægilegt vetni á Íslandi gæti olíuinnflutningur orðið óþarfur
- Nýleg könnun gaf til kynna að um 93% þjóðarinnar styður hugmyndina

Thanks!



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