

**REAP
Summer Newsletter**



August 2008

Come by and visit REAP at the Alaska State Fair in Palmer. We'll be there August 21st - September 1st!

It has been a busy summer in the REAP world, from welcoming three summer interns to preparing for the 4th annual Alaska Renewable Energy Fair. Be sure and come by the Memorial Block of the Delaney Park Strip this Saturday and check out all of the latest developments in renewable energy and energy efficiency in Alaska.

Best Regards,

The REAP Team



4th Annual Alaska Renewable Energy Fair

Join REAP for the 4th annual Alaska Renewable Energy Fair on Saturday, August 9th from 11 am - 9 pm. This year's Fair will once again take place on the Memorial Block of the Delaney Park Strip in downtown Anchorage. This all-day event is fun for the whole family and includes workshops, children's activities, renewable energy demonstrations, energy efficiency information, alternative vehicles, live music, craft and food vendors, and a beer garden hosted by Organic Oasis. The keynote speaker, Daniel Lerch from the Post Carbon Institute, will be speaking at 5 pm on the topic of his latest book, *Post Carbon Cities: Planning for Energy and Climate Uncertainty*.



For more information visit the REAP [website](#).



Legislative Update

REAP achieved a huge victory this last legislative session in Juneau when the legislature unanimously passed HB 152 to create a renewable grant fund for Alaska.

REAP and its large group of energy stakeholder members from across Alaska developed HB 152 over the course of more than a year, found sponsors for the bill, and then worked for its passage down in Juneau. Introduced in February 2007 by Speaker of the House John Harris (R-Valdez) and House member Bill Thomas (R-Haines) the bill worked its way through the legislature over the course of two legislative sessions before being passed just two days before adjournment. By the time it passed, 12 of the 20 senators and 28 of the 40 House members had signed on as co-sponsors.

The Fund commits \$50 million a year toward the grant fund for the next five years, for a total of \$250 million. Eligible applicants for grants include utility companies, tribal governments, and independent power producers. The fund is designed to support the construction of community scale renewable energy projects, including necessary transmission lines to connect the projects to electrical load centers. The program will be administered by the Alaska Energy Authority (AEA), the state's energy office based in Anchorage. Under the terms of the legislation AEA will be assisted in developing regulations for the program by a seven member citizen Advisory Committee consisting of two legislators, the Denali Commission, utility companies, Alaska Native organizations and organizations engaged in the renewable energy sector. The REAP board of directors has submitted a list of nominees to the Governor, who will appoint the Advisory Committee.

Alaska's renewable energy fund is now second only to California's in size and has made Alaska a potential leader in renewable energy investment overnight. However, to realize that leadership there is still a lot of work to be done to ensure that viable renewable energy projects get built across the state. Alaska Energy Authority is gearing up to administer the program so that grants and projects happen in a timely manner. REAP and other stakeholders will also need to keep pressing the legislature to appropriate the \$50 million that has been promised for each of the next four years.

Finally, REAP may need to head off attempts to dilute the Fund. One proposal already circulating during the July special legislative session devoted to energy matters would amend HB 152 to make it an "alternative" and renewable energy fund to allow the Fund to finance fossil fuel based projects such as coal to liquids and coal gasification. REAP's stakeholders and allies are working to protect the integrity of the Fund to ensure that the money and focus on clean renewable energy that HB 152's passage has created is not diminished.

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Please Donate Today!

It's currently a great time to increase or renew your support of REAP. We have recently been awarded a \$25,000 matching grant from one of our long-time funding foundations. Therefore, all new support we receive will be matched by the foundation. There is no better time to invest in Alaska's renewable energy future.



Contact REAP at
907-929-7770
or
info@realaska.org
to learn more about membership

Upcoming Events

[Post Carbon Cities: Planning for Energy & Climate](#)

REAP Receives National Recognition

The U.S. Department of Energy's Wind Powering America (WPA) program presented REAP with the 2007 State Wind Working Group Annual Award June 5, 2008 at the Annual State Summit in Houston, Texas. The award was in recognition of REAP's effective renewable energy policy advocacy. Receiving this award is a great honor and accomplishment!

WPA has helped establish and support 33 state wind working groups (WWG) across the country. These group's are WPA's primary means of communicating and discussing factual information on the attributes, benefits, and challenges of wind energy to the many stakeholders in each state.

2008 International Wind-Diesel Workshop

Over 175 people from 9 US states and 8 countries (Canada, Denmark, Finland, France, Germany, New Zealand, Russia, and Switzerland) met at Hotel Alyeska in Girdwood, Alaska in April to make this year's 18th International Wind-Diesel Workshop the biggest and best yet. Hosted by the U.S. Department of Energy, National Renewable Energy Laboratory, Alaska Energy Authority, and REAP, attendees learned about topics ranging from a 4-hour introductory course on Wind-Diesel Systems to a panel session on the Economic Factors of Wind-Diesel Systems.



Speakers included internationally known wind-diesel 'grandfathers', such as Per Lundsager (Denmark), Malcolm Lodge (Colorado), and Nolan Clark (Texas). Attendees were also able to go to both Kotzebue and Kasigluk to tour the respective towns' wind-diesel plants. Over 20 people toured Kotzebue's 17 wind turbines (15 Entegriety EW15s, 1 Northwind 100, and 1 remanufactured Vesta V15) and wind-diesel plant, and over 30 people traveled to Kasigluk (by way of Bethel, then chartering another plane!) to tour the 3 Northwind 100 wind turbines - each one of which is able to displace around 52,000 gallons of diesel per year.

Feedback was nothing but praises and kudos for the organization and delivery of the workshop. Another workshop is in the works for next year, perhaps hosted in Canada.

Two More Villages Get Wind Turbines!



Congratulations to Alaska Village Electric Cooperative (AVEC) and to the residents of Hooper Bay, Alaska, who saw three Northwind100's successfully installed the first week of July. Commissioning of the Hooper Bay wind turbines is planned for August 2008.

Two weeks later AVEC and the 700 residents of Savoonga, Alaska, saw two Northwind100's successfully

installed in that community. Upcoming projects in Chevak and Gambell will bring AVEC's fleet to a total of 17 erected turbines within the next 6 months.

Photo Courtesy of Northern Power

State Announces Geothermal Lease Sale

The Alaska Department of Natural Resources (ADNR), Division of Oil and Gas (DO&G), is giving notice that it offering land along the southern flanks of Mount Spurr for geothermal leasing by competitive sealed bid. Bid opening for the Mt. Spurr Geothermal Lease Sale No. 3 begins at 9:00 a.m. on September 10, 2008 at the Atwood Building, Suite 240, 550 West 7th Ave., in Anchorage.

Centuri

August 7, 2008
East High Auditorium

[4th Annual Alaska Renewable Energy Fair](#)

August 9, 2008
Anchorage Park Strip

[Alaska State Fair](#)

August 21 - September 1
Come visit the REAP booth!

[Chena 3rd Annual Renewable Energy Fair](#)

August 23, 2008
Chena Hot Springs Resort

[2008 Rural Energy Conference](#)

September 16 - 18, 2008

Hotel Alyeska

[5th Annual Bioneers in Alaska Conference](#)

October 17 - 19, 2008
UAA Campus

Click on the event title for more information

Welcome New REAP Members!

REAP is pleased to welcome the following new organizational members:

Alaska Green Energy

[Hydro Green Energy, LLC](#)

[Premium Biofuels, LLC](#)

[RIM Architects](#)

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The Mount Spurr geothermal sale area encompasses 36,057.13 acres of state owned land and is divided into 16 tracts ranging in size from 250 to 2,560 acres. The sale area is located about 40 miles west of the village of Tyonek, northwest of Trading Bay along the southern flanks of Mount Spurr, including the east end of Chakachamna Lake and a portion of the Chakachatna River. The area lies entirely within the Kenai Peninsula Borough.

Please visit the ADNR [website](#) for more information.

**Thank You to the
Sponsors of the 4th
Annual Alaska
Renewable Energy Fair!**

Denali Commission

[BP](#)

[Alaska Energy Authority](#)

[Alaska Housing Finance
Corporation](#)

[Municipality of Anchorage](#)

[Wind Energy Alaska](#)

[Municipal Light & Power](#)

Renewable Resources Coalition

[Alaska Power Association](#)

[Chugach Electric Association](#)

[Ocean Renewable Power
Company](#)

[Sierra Club](#)

[STG, Inc.](#)

**This event wouldn't be
possible without their
generous support!**