

Colleen --

Happy Solstice! I hope your year is wrapping up well and if you are giving or taking finals, good luck! Here are a few announcements and opportunities to think about for the end of the year.

Energy Kit Giveaway

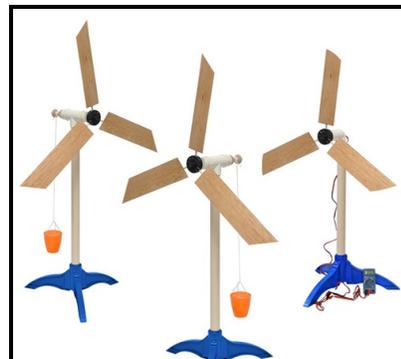


I have one [Exploring Wind Energy Kit](#) (for secondary level) from National Energy Education Development (NEED) project to give away. The kit comes with a Teacher Guide, a class set of Student Guides, and the materials necessary to conduct the activities, including two KidWind Basic Turbines and geared nacelles. This give away is limited to those in the Mat-Su and Anchorage area where I can personally deliver it, or for those outside that area who are willing to pay shipping if selected. I will randomly select one from all of the eligible entries to receive the kit. To enter, [email me](#)

your name, school and a few short sentences about how you would use it in the classroom by December 30th. If this email was forwarded to you, you also need to sign up on the energy education listserv [here](#).

KidWind Webinar

Are you interested in helping your students compete in a national competition while they learn important STEM skills? KidWind is a blade design challenge that students 6-12 can compete in monthly challenges or regional competitions. [Micheal Arquin](#) from KidWind put on a webinar last week; you can watch the recording [here](#). You can also check out the KidWind Challenge Website [here](#), and the REcharge Labs Online Challenge Website (that does the monthly online challenges) [here](#).

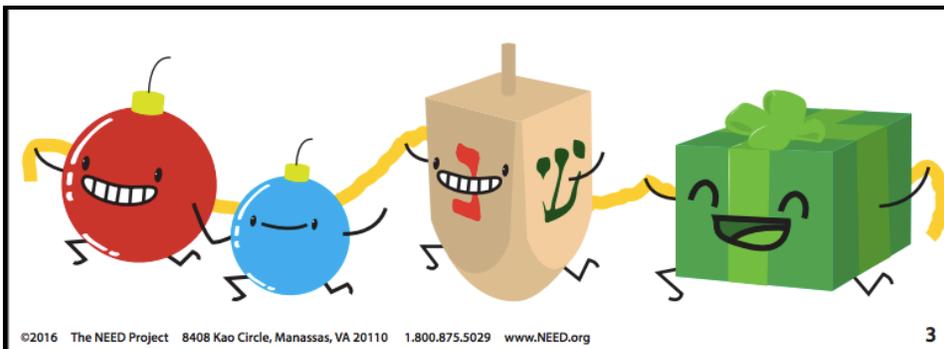


REAP is hiring!

REAP is hiring a new position to coordinate disparate energy education efforts across Alaska to build a cohesive strategy that advances Alaska's clean energy economy. This Director for the Alaska Network for Energy Education and Employment (ANEED) will start in February 2017. The Director will build and coordinate a new statewide network composed of K-12 educators, vocational workforce professionals and University personnel that share an interest in clean energy education and training. The Director will work closely with REAP's Energy Education Director (that's me!) who interacts with K-12 teachers and school administrators statewide. The ANEED Director will also work with other REAP staff who also work with educators and workforce professionals. REAP seeks an outgoing, self-starting professional who can bring people together from across disciplines and a wide geography to build clean energy career paths in Alaska and increase energy literacy statewide. See the full job listing [here](#).

Holiday Shopping Activity

Is it cheaper to buy online? What is the environmental impact of shopping online versus driving to the store to buy an item? NEED has an activity that walks students through comparing the purchase of items online versus at a store. Check out the lesson plan [here](#).



Annual Appeal

Today's youth will soon inherit our state's massive energy bills and be charged with building a sustainable economy for Alaska. That's a tall order, but REAP believes that kids have the passion to innovate solutions for Alaska's clean, renewable, and affordable energy future.

That's why **REAP emphasizes energy education** to give them the tools and knowledge to lead us toward a stronger Alaska, powered by in-state and renewable resources. [We need your help to sustain and grow this outreach!](#)

This year REAP staff engaged over 4,000 students in urban and rural communities across Alaska with hands on programs like *Wind for Schools* and *AK EnergySmart*.

We need *your help* to keep funding education programs that are already inspiring Alaska's youngest generation to become future energy leaders. [Make a donation today to help us meet our goal of reaching 5,000 students in 2017!](#)

Your donation will provide hands-on learning opportunities for students from kindergarten through high school through the following programs:

[AK EnergySmart](#). Alaska's own K-12 energy efficiency curriculum gives youth an understanding of the high economic and environmental costs of power generation and the importance of conserving energy at home and school.



[Wind for Schools](#). This hands-on program explains the benefits and science of wind energy while connecting students to working wind turbines in their community. It includes the KidWind Challenge, a wind turbine engineering and design competition for students of all ages.

Please make a [donation to REAP](#) to help us continue offering these programs to students and teachers around Alaska. Consider it an investment in your community, your children and your own future!

Trivia

Q: How much electricity does the average Alaska household use compared to the US average?

A: The average Alaskan household uses 603 kWh each month, while the average US household uses 901 kWh each month (2015 data). Alaskans have the 5th highest average electricity cost, with the average in 2015 being \$0.20/kWh.

Source: <http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3>

Happy Holidays!

Colleen R. Fisk, Renewable Energy Alaska Project (REAP)
Energy Education Director

If this email was forwarded to you, you can sign up to receive this monthly newsletter [here](#).

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Have you donated to REAP?

Show your support for clean energy by donating to REAP [online](#) today!

Add your voice to those working towards a clean, secure energy future for Alaska.

For more information call (907) 929-7770.