Colleen --

I hope your school year is going well and you are ready for the holiday season to start, especially after the stress of the election! I know I will be on vacation next week, so I have compiled some news and information on Energy Education around the state before I head out in my travels. Read, enjoy, forward if you wish, and please email me if you have anything you would like to add to the newsletter!

**Power Pledge Challenge Winners!**

I am excited to announce the winners of our 4th annual Power Pledge Challenge!

Anchorage regional: Carole McKee’s 3rd period class from Northern Lights ABC
Mat-Su/Eagle River regional: David Knopp’s 2nd period class from Teeland Middle School
Juneau regional: Chris Heidemann’s 2nd period class from Floyd Dryden Middle School

Each of the regional class winners gets a tour of a local power plant and a pizza party. Mrs. McKee’s is pictured below at the Southcentral power plant (photo by Sarah Wiggers).
Aaaaand (drum roll, please) the *GRAND PRIZE* winner is:

Mayme Troutman from Wasilla Middle School! Her 4<sup>th</sup> period class got an ice cream party with First Lady Donna Walker and Mayme received $800 credit to buy kits from NEED.

More than 2,200 middle-school science students in the Anchorage, Juneau and the Matanuska-Susitna Borough School Districts participated in the Power Pledge Challenge. Students engaged in a hands-on activity from the AK EnergySmart curriculum, which taught about electricity and how to calculate energy usage. To enter the drawing for the prize, each student pledged to complete specific tasks to reduce the amount of energy they use in their home. Each student who participated entered their class into a drawing for the regional prize, and each class that had 75% participation or greater was entered into the Grand Prize drawing. The Frontiersman did an article on the winning class and the Power Pledge Challenge. You can read about it [here](#).

First Lady Donna Walker serves ice cream to Mayme Troutman's class (photo by Kate Ayers).

**Future City Project**

Becky Hansen from Watershed Middle School is leading an inspiring project with her 8<sup>th</sup> grade English classes called the Future City Project. It is a STEM program where 6<sup>th</sup> through 8<sup>th</sup> students imagine, research, design and build cities of the future that showcase their solution to a citywide sustainability issue. The photo here (taken by Hansen) showcases one of her student's projects from last year. Past topics include
stormwater management, urban agriculture, and clean energy. The 2016-2017 topic is the Power of Public Space. You can participate in the competition or simply use it as a project in your classroom. It is too late to participate in this year’s competition, but you can still do the project in your class.

For $25, you get:

- SimCity Software (up to 3 copies)
- Program Handbook
- STEM Mentor
- Online trainings
- Eligibility for Competitions and Prizes

Learn more [here](#).

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**Energy Literacy Training in Kenai!**

There is still room in the Kenai Peninsula School District Energy Literacy training being held November 18th and 19th. Join us to earn 1 credit through UAA Professional and Continuing Ed. The class will cover the following:

- Energy Literacy - what it is, why it matters in Alaska
- Fun, hands-on classroom activities
- Alaska-specific, standards based curriculum, aligned with NGSS
- Collaboration with colleagues for implementation of lessons
- Resources for energy lessons
- Tour of Nikiski Power plant.

[Email me](#) for questions and to reserve your spot in the class.

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**Sustainable Energy Classes**

The Spring set of sustainable energy classes are now scheduled for the Mat-Su, taught by the knowledgeable Mark Masteller. If you live in the Mat-Su, or want to commute from Anchorage, there are some opportunities for classes to take in person. There are also 2 distance classes available that can be taken anywhere. See the flier below for more information.
Trivia

Q: How much diesel fuel was displaced last year from Alaskan renewable energy and energy efficiency projects?

A: 22 million gallons of diesel fuel worth nearly $61 million was displaced from 54 projects in 2015.


Thank you,

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