

# OUR EARTH MY HOME



## ATTENTION THINK! ENERGY TEACHER

PPL Electric Utilities is encouraging teachers and students to **THINK! ENERGY** by sponsoring FREE professional development summer workshops. This full-day workshop runs from 8:30 a.m. to 4 p.m., with lunch provided. Teachers can earn seven 1-hour Act 48 credits.

### WHAT:

**THINK! ENERGY with E-power** workshop: Our Earth, My Home needs you to be energy-efficient. Come learn how to combine solar energy, wind energy, hydropower and conventionally generated energy to power summer camp cabins.

Topics of the STEM-focused training include:

- Photovoltaic cells
- Wind turbines
- Hydroelectric dams
- Energy efficiency

Using a hands-on and STEM learning approach, teachers will learn how solar cells, wind turbines and hydroelectric dams work and how electricity is generated. Applying this knowledge with energy efficiency concepts, teachers will design an energy system for Our Earth, My Home that will power cabins, appliances and electronics using electricity generated from various energy sources.

Teachers will receive:

- Grade-appropriate lessons (correlated to Pennsylvania Academic Standards)
- Solar cells
- Motors with propellers
- Multi-meters
- Wind turbine stands
- Smart power strip
- Kill-A-Watt Edge power monitor
- Educational posters: *Solar Energy, Wind Energy, Water*

### WHEN:

July 2015

### WHERE:

July 14 - PPL Electric Utilities Walbert Learning Center, Allentown  
July 15 - Luzerne IU 18, Kingston  
July 16 - Central Susquehanna IU 16, Milton  
July 21 - Capital Area IU 15, Enola  
July 22 - Lebanon-Lancaster IU13, Lancaster  
July 23 - PPL Electric Utilities Walbert Learning Center, Allentown

### WHO:

Teachers from schools located in PPL Electric Utilities service territory

### HOW:

Enroll at [www.pplelectric.com/thinkenergy](http://www.pplelectric.com/thinkenergy). Call National Energy Foundation toll-free at 1-855-494-2942 or email Stephanie at [stephanie.dorman@nef1.org](mailto:stephanie.dorman@nef1.org) if you have questions.

Professional Development workshops are sponsored by PPL Electric Utilities and National Energy Foundation and supported by the Pennsylvania Department of Education.

Space is limited so **TAKE ACTION!** and enroll now.



PPL Electric Utilities



cultivating energy literacy



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