



*Funded in part by the Exelon Foundation
Presented in partnership with The Franklin Institute and
National Energy Education Development (NEED) project*

2011-2012 PECO Energizing Education Program

Guidelines and Application

Applications must be received by October 15, 2011.

How to Apply:

Apply online at www.need.org/peco

If you must mail, mail to:

The Franklin Institute

ATTN: Sharon Kiefer

222 N. 20th Street

Philadelphia, PA 19103

Note: This application is for schools **NEW** to the program.

A note from Jeff Gordon, Manager, Corporate Relations, PECO...

We are excited to launch the third year of the PECO Energizing Education Program. All of us at PECO and our partners, The Franklin Institute and the National Energy Education Development Project, are thrilled to bring schools into this great opportunity. The integration of energy education and student leadership development is part of the involvement that takes place in your classrooms. .

At PECO, being a good corporate citizen means working with our customers and the communities we serve to help protect and preserve the environment. That is what this project is all about.

Through innovative projects like installing a green roof on our headquarters in Philadelphia...opening our first "totally green" service building in West Chester... working to redesign our Crown Lights message system with new, energy efficient technology...using more bio-fueled vehicles...supporting community open space projects across the region... and helping our customers use less energy and save more money, are all part of being a responsible environmental steward.

The teachers and students that participated in years one and two of the program achieved impressive great results – engaging students in inquiry science and in learning about the energy we use each day. The program is robust – we've created a program that provides educators with the tools they need to make the program a success.

The hands-on curriculum and kits from the NEED Project provide the basis for the program in the classroom. The Franklin Institute's extraordinary resources and support allow schools to tap into its vast science resources. The PECO field trip (optional) and the grant to take all that is learned in the classroom out into the local community make this a program that engages, excites and inspires students, teachers, and the community at large.

We hope you'll join us for the 2011-2012 program year!

Applications are due on October 15. Apply online at www.need.org/peco.

Schools selected for the program in 2009-2011

2010-2011

Creighton Elementary
E.B. Barth Elementary
E.N. Peirce Middle School
East Norriton Middle School
Gotwals Elementary
Greenberg Elementary
Harrison Elementary
James Rhoads School
M.H. Stanton
Tinicum School
Universal Daroff School
Universal Institute Charter
Upper Merion School

2009-2010

Armstrong Middle School
Christopher Columbus Elementary School
Fugett Middle School
G. A. Stetson Middle School
George McCall Elementary School
Greenfield Elementary School
Harris School
Meredith Elementary
Northley Middle School
Pottstown Middle School
Sharon Hill School
Stewart Middle School

What's the PECO Energizing Education Program?

The PECO program is "project-based," combining a five-week classroom module with hands-on kits and curriculum, with a school student energy audit, a PECO sponsored field trip (optional), and a cash grant to support the school's implementation of an energy and environment focused community project. The program is designed to be implemented in grades 6-8*. In 2011, PECO will select up to 20 schools to participate. The program materials are sponsored for up to 80* students to participate at each school.

What Resources Does the School Receive?

The PECO Energizing Education Program includes:

1. Two- Day Teacher Training - Nov 4 & 5, 2011 at The Franklin Institute (substitutes and stipends paid)
2. Curriculum and hands-on kits to teach about:
 - energy transformations
 - solar energy
 - wind generation
 - hydropower
 - energy efficiency
3. A Educational Energy Audit that engages students in the audit of the school building
4. A cash grant of up to \$1,500 to support the school's selection of and implementation of an energy-focused community outreach project.
5. PECO sponsored field trip (optional)

What is the School's Commitment?

1. Select a science and/or technology teacher (s) to supervise implementation of the program. It is recommended that no fewer than two teachers participate – to provide support for each other and to reach the most students. Consider selecting a career and technology teacher and a science teacher. Selected faculty will participate in a mandatory two-day training session (November 4 & 5) at The Franklin Institute. This training session is designed and delivered by The NEED Project and The Franklin Institute. Act 48 credit is provided as are stipends and substitute reimbursement.
2. Work with students, faculty, parents and community members to plan and implement an energy-focused community outreach project to be completed by May 1, 2012. Be sure to select a community partner to work within the implementation of the project. Develop and submit a budget to show how you will use the PECO cash grant for this project.
3. Incorporate PECO's energy-focused curriculum and related activities into your 6^h – 8th grade science and technology classrooms/programs during between October and late April.
4. Work with NEED to plan for the Educational Energy Audit experience for a select team of students. NEED's Certified Energy Manager, Todd Rogers, will work with a group of students to survey the school building and make recommendations for increasing energy conservation in the school. Students execute both school and home energy audits.
5. Organize a PECO sponsored field trip (optional).
6. Execute the community project and create a presentation, video, student performance about the project and its results to submit for review and for students to present at PECO Energizing Education Night in May 2012. Projects will be reviewed and top projects selected to present. (Required)
7. Participate in mandatory mid-year check-in evaluations and calls to be certain the program is progressing as planned.
8. Complete teacher and student evaluations and submit to NEED no later than May 30, 2012.

* PECO will review applications that include grades other than 6-8 and more than 80 students on a case by case basis.

PECO Energizing Education Program Application for Participation

Applications are due on October 15, 2011. To learn more and apply online go to www.need.org/peco.

Please be sure to submit all application components and respond to all questions:

1. School Information: SCHOOL _____

Name of Person

Completing

Application

Title

Address

Phone

Email

District Name

County

2. Principal of the School

Name

Phone

Fax

Email

3. Additional Information

Grades taught at this school

Number of students attending this school

What is your school's PECO account number?

What is your school's free lunch %?

Designate names of educators to participate in training (will be confirmed later)

Up to 2 educators may participate (some exceptions may apply)

4. Please provide responses to the following questions:

- Why should PECO select your school to participate in the program?
- What grade(s) level will you include in the program?
- How many students will you include in the program?
- How do you plan to implement the program in the classroom and/or club? Please explain.
- What do you believe the program will add to your students' academic and leadership development?
- What energy and environmental activities do you currently have underway at your school?
- How will the PECO program enhance your schools learning environment?
- What do you plan to do as your community energy outreach project
- What community partners will you work with on your community energy project? Please elaborate.

5. Endorsements and Acceptance of Program Expectations

The PECO Energizing Education Program evaluation has shown that the most successful schools have support at the administrative level. Does the school have the active support of the principal/vice principal/curriculum specialist to provide the administrative support needed for the project? Check any/all that have indicated support for your school to participate in the project:

- _____ District Superintendent or County Superintendent of Schools.
_____ One or more School Board Members.
_____ Principal/Assistant Principal
_____ District and/or school curriculum specialist (science, technology, etc.)

6. Budget

Please compile and submit a pdf/word doc/xls of a draft budget to detail use of the cash grant for the community outreach project. A sample budget and template is available on www.need.org/peco.

7. Signature _____

By signing above, you certify that, if selected, your school has the administrative approval and support to fully participate in the PECO Energizing Education Program and accepts the expectations of the program.