



A BP Education Program to Support California Teachers

WHO? ALL K-12 CALIFORNIA TEACHERS

The **A+ for Energy** program was developed by BP to recognize California teachers for excellence in teaching energy education and/or energy conservation in the classroom. Any K-12 teacher currently teaching in a California **public** or **private** school is encouraged to apply.

BP IS A GLOBAL ENERGY PROVIDER!







BP is a global producer, manufacturer and marketer of oil, gas, chemicals and renewable energy sources. Californians probably know BP best through ARCO, our West Coast gasoline brand. Everyday, we serve approximately 13 million customers in more than 100 countries, with energy solutions. Everyday, more than 100,000 BP employees combine their energy and innovation to build the BP brand - a global brand formed by the combination of the former British Petroleum, Amoco Corporation, Burmah Castrol and ARCO.

WHAT? \$2 MILLION IN GRANTS AND SCHOLARSHIPS TO TEACHERS!

BP will award up to \$2 million in grants to K-12 California teachers for innovative classroom, after-school, extra-curricular or summer activities focused on energy education and/or energy conservation. Grants will be awarded directly to teachers; grant amounts will equal \$5,000 or \$10,000, depending on the budgets submitted by the teachers in the application.

Winning teachers will also receive a NEED scholarship to attend a five-day energy training conference in Long Beach in July 2005. BP is proud to partner with the National Energy Education Development (NEED) Project to support energy education in California. The all-inclusive NEED scholarship will cover travel, meals and lodging expenses in addition to a NEED Science of Energy Kit valued at \$500 that includes helpful classroom tools and materials to help educators teach energy.

WHY? ENERGY IS EVERYWHERE, AND WE DEPEND ON IT!

-  Energy creates the freedom to move, to be warm, to be cool, and to enjoy a quality of life.
-  Teaching energy and how energy affects the world is a valuable tool for establishing a solid understanding of science.
-  Energy education is a key component of science and math education.
-  Students are keenly interested in the environment and what they can do to help protect it. Understanding the role of energy and its relationship to air quality, climate change, land and water management, biodiversity, waste, renewable and alternative energy use is essential to understanding how best to improve and protect the environment.
-  Energy development and use are important California issues. Learning about energy prepares students to become conscientious energy consumers and decision makers as they approach adulthood.
-  The subject of energy provides teachers many opportunities to engage students in interdisciplinary projects (reading, math, science, group dynamics, history, economics, geography).

HOW? FILL OUT APPLICATION FORM TODAY!

Please review and complete the attached application, or go to www.aplusforenergy.com and submit your application to BP online. The application has everything you need to apply, including a checklist of what to attach with your application form. Suffering from writer's block? Be sure to check out the *Application Tips* (page 4) and list of *Additional Resources* (page 7). Many of the organizations listed there have wonderful energy education activities you can include and build on as you develop your own energy program. Still stumped? Give BP a call at 714.228.6760. We're here to help!

WHEN? DEADLINE FOR SUBMITTING APPLICATIONS IS JUNE 30!

Applications postmarked by June 30, 2004, will be accepted. Late entries or applications with incomplete or missing information will not be considered.

WINNERS NOTIFIED BY AUGUST 23!

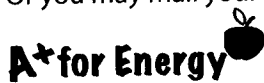
BP will notify winners by August 23, 2004. Winners will be contacted using the information provided on the application form.

CELEBRATORY LUNCHEON OCTOBER 5!

Upon notification in August, BP will work with winners and their school officials to coordinate attendance at the luncheon to be held on October 5, 2004 in Los Angeles (location TBD). Substitute teacher reimbursement and a travel stipend to help facilitate participation of winners will be offered. Teachers participating in the luncheon will be joined by California government and community leaders and BP representatives.

WHERE? SUBMIT APPLICATIONS ONLINE OR MAIL TO BP!

If you wish to submit your application online, go to www.aplusforenergy.com and follow the instructions. Or you may mail your application to BP, using the following address:



Irene A. Brown
Director, California Community Relations
BP America Inc.
6 Centerpointe Drive, 7th Floor
La Palma, CA 90623-2503

APPLICATION TIPS

Remember, there are ten main sources of energy, both renewable and nonrenewable, all of which can be easily identified in modern society and used as the focal point of your energy program.

- | | | |
|-------------------|------------|-------------|
| Solar | Petroleum | Wind |
| Biomass | Coal | Natural Gas |
| Hydropower | Geothermal | Propane |
| Uranium (Nuclear) | | |

Teachers are encouraged to focus on one or any combination of energy sources in developing their energy program and activities.

The study of energy can be incorporated into all grade levels and subject areas. The following are just a few examples of how to incorporate energy learning activities into your classroom:

- | | |
|----------------------------------|---------------------------------------|
| All Grades - Energy Conservation | 4th Grade - Electricity and Magnetism |
| 2nd Grade - Sound | 5th Grade - Physical Energy |
| 3rd Grade - Heat and Light | 8th Grade - Forces and Motion |

When preparing your grant application, keep in mind the numerous ways people use energy each day and how your program could help students grasp these concepts.

Teaching energy doesn't have to be a year round project, but the results in the classroom should be substantive. What will your kids know about energy after they complete your innovative energy program? Include your answer in your application.

Know someone with energy expertise? Get his or her input.

Make it fun for you and the students. Teaching energy should energize!

About the NEED Project

BP partners with the National Energy Education Development (NEED) Project to support energy education in California schools. NEED provides energy education training and curriculum to K-12 teachers and students throughout the United States. NEED programs encourage a "KIDS TEACHING KIDS" approach to education, and provide teachers with the background and content knowledge they need to teach energy in a fun and energizing way. NEED materials are correlated to the National Science Education Standards and to the California Department of Education standards for science, language arts and social studies. NEED provides workshops and classroom materials to interested teachers and school districts in California. For more information about NEED, visit www.need.org.

Additional Resources

Teachers applying for grants are encouraged to check out the following websites. Many of these websites include curriculum and energy activities that you may want to consider implementing and/or expanding in your classroom, as well as including in your grant application.

Energy Information Administration Kid's Page
www.eia.doe.gov/kids

National Energy Education Development (NEED) Project
www.need.org

Alliance to Save Energy
www.ase.org

American Council for an Energy-Efficient Economy
www.aceee.org

American Petroleum Institute
www.classroom-energy.org

Educators for the Environment
www.energyforkeeps.org

California Energy Commission - Energy Quest
www.energyquest.ca.gov

National Hydropower Association
<http://www.hydrofoundation.org>

Interstate Renewable Energy Council
<http://www.irecusa.org>

U.S. Department of Energy
<http://www.energy.gov>

American Wind Energy Association
<http://www.awea.org>

Geothermal Education Office
<http://www.geothermal.marin.org/>

Florida Solar Energy Center
<http://www.fsec.ucf.edu/ed/teachers/>

American Solar Energy Society
<http://www.ases.org>

National Renewal Energy Laboratory
<http://www.nrel.gov>

National Energy Foundation
www.nef1.org

National Ocean Industries Association
<http://www.noia.org>

Nuclear Energy Institute
<http://www.nei.org>

American Coal Foundation
<http://www.teachcoal.org>

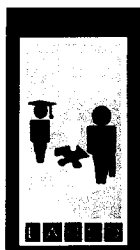
Fuel Cells 2000
<http://www.fuelcells.org>

BP's Community Partners

BP is proud to be joined by our community partners who helped develop and promote the **A*for Energy** program. Their creative talent and energy have made it possible for BP to reach California teachers across the state.



National Energy Education Development Project
<http://www.need.org>



Los Angeles Unified School District's Partnerships and Adopt-A-School Program
<http://www.lausdpartnerships.org>



KABC-TV
Los Angeles
<http://www.abc7.com>



Environmental Media Association
<http://www.ema-online.org>



huell howser productions
<http://www.calgold.com>



KCRA-TV
Sacramento
<http://www.thekcrachannel.com>