

Wind Energy



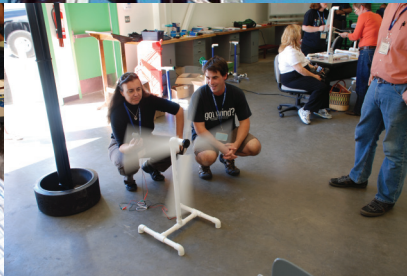
WORKSHOPS

for **Educators**



The KidWind Challenge is a student-oriented wind turbine design contest. During the challenge, students spend time designing and constructing their own wind turbines with the goal of creating something that is both efficient and elegant. Student teams eventually convene, and the performance of their turbines is evaluated by a team of judges and a large wind tunnel.

While turbines are judged and prizes are awarded at the KidWind Challenge, the event at its core is about hands-on learning, i.e. immersing students in the science of how a wind turbine works through the process of engineering design and experimentation.



SPONSORSHIP LEVELS

Petawatt Donor
Terawatt Donor
Gigawatt Donor
Megawatt Donor
Kilowatt Donor
Milliwatt Donor

\$6,000+ (Top Level)
\$5,000 (Regional Event Team)
\$3,000 (Teacher Pre-Training)
\$2,500 (Team Materials & Prizes)
\$1,500 (Materials)
\$500 (Food for 40 Participants & Teachers)

Donations are TAX DEDUCTABLE

Donors will be listed on the CREATE and Kid Wind websites as partners.



Event hosted by
NSF ATE CREATE Renewable Energy Center
Funded by the National Science Foundation

For More Information
Email: Gabrielle.Temple@canyons.edu
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NSF CREATE's KidWind Challenge 2012, Sponsorship Levels



1. Petawatt Donor

\$6,000+

This top level of sponsorship covers one or more winning regional teams (2-3 students & 1 instructor) to attend and compete at the AWEA finals competition. The final competition event showcases the hands-on skills the students have learned in their classrooms. This includes: material costs, logistics (transportation, lodging and food) and a t-shirt with the sponsoring logo for the winning regional teams.

2. Terawatt Donor (Regional Competition Event)

\$5,000

The final competition event showcase the hands-on skills the students have learned in their classrooms. This level of sponsorship covers an entire team (2-3 students and 1 instructor) to attend the competition in Atlanta, GA this year. This includes: material costs, logistics (transportation, lodging and food) and a t-shirt from the event.

3. Gigawatt Donor (Training teachers)

\$3,000

This is a vital step in making sure that team coaches understand wind energy and how wind turbines work. Teachers also learn how the competition works and how to participate in the event. CREATE is planning on holding five of these teacher training workshops from San Diego to San Luis Obispo in 2011-2012 before the March and April Kid Wind Challenge competitions. Wind Wise curricula is used in this training. Each teacher who attends a workshop receives a \$50 box of materials and curricula.

4. Megawatt Donor (Team Materials & Prizes)

\$2,500

Kid Wind leaders feel it is important that student teams are awarded a prize for their effort and skill. Prizes are awarded for each division: Middle School and High School level. Sponsors provide in kind gifts (Gift Card, Pizza Parties, etc) or cash prize awards. Costs are based on \$500, \$300, \$200 /Middle School & High School Division.

5. Kilowatt Donor (Materials)

\$1,500

Each team that registers for a challenge receives a package of basic materials to help them compete in the challenge. This package consists of a competition generator, multimeters and other items. This helps schools with limited funds participate. In addition, this level of sponsorship helps to cover the costs for moving wind tunnels and other materials to sites for a Kid Wind Challenge. Funds can also be used to cover other materials at the Kid Wind Challenge.

6. Milliwatt Donor (Lunch & refreshments)

\$500

This level of sponsorship covers the food and refreshment for 40 participants at each of the Kid Wind events.



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