

Indian Student Renewable Energy Challenge a call for proposals is being made to all tribal colleges, tribally operated high schools, and BIE high schools to compete in the upcoming Indian Student Renewable Energy Challenge.

The focus of the contest is to promote renewable energy development for American Indian and Alaska Native tribes among students and teachers at the high school and college level.

Who: Students in all tribal colleges, tribally operated high schools, and BIE high schools

Phase I: teams will submit designs for a portable wind turbine installation that will generate energy, store it mechanically or electronically, and then use the stored energy to power an array of LEDs.

Phase II: The best 10 designs (five high schools and five tribal colleges) will receive funding to build a prototype.

After evaluation by a panel of judges, the top rated high school and the top tribal college teams will travel to Washington, DC in during the Cherry Blossom Festival in April 2010 for demonstrations and presentations at the Department of Interior and project recognition.

October 31, 2009- deadline for Phase I design submission

November 20, 2009- The top 10 designs will be selected and notified

January 31, 2010- Final projects are due for submission

February 28, 2010- Winners announced

April 2010- Awards presentation in Washington, DC

Contact Information:


For more information, contact Ashley Stockdale at (202) 219-0740 or go to the challenge website at

[http://www.dep.anl.gov/indianed\\_energychallenge](http://www.dep.anl.gov/indianed_energychallenge) for forms and information. Sponsored in Partnership with the Bureau of Indian Education (BIE), the Office of Indian Energy and Economic Development (IEED) and Argonne National Laboratory (ANL)



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### Indian Education Renewable Energy Challenge

Argonne National Laboratory

In partnership with the

**The Department of the Interior's Bureau of Indian Education and the Office of Indian Energy and Economic Development**

**Is requesting designs for small wind turbine systems that will harness wind energy, store it mechanically or electrically and then use the stored energy to power an array of LEDs.**

The ten design teams that submit the best proposals will receive \$1300 each to construct their machine (five high schools and five colleges). When the machines have been constructed, each team will collect performance data and submit that, along with a detailed report and a video of their machine in operation, to Argonne National Laboratory.

The best college level machine and the best high school level machine will be selected and the teams (up to four team members and one faculty for each team) will have an opportunity to meet with DOI Senior Officials and have projects prominently displayed in Washington DC.

The challenge is open to all Tribal Colleges and tribal and Bureau of Indian Education high schools.

[Link to design specifications](#)

Competitive designs must be submitted to the address below by October 31, 2009. The top 10 designs selected will be notified by November 20, 2009. Projects are due to be submitted by January 31, 2010. Winners will be announced by February 28, 2010 and award presentation will occur in Washington D.C. in April 2010.

**Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, Illinois 60439**

Attention: [Deon Ettinger](#)  
Division of Educational Programs



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