

# Indian Education Renewable Energy Challenge

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Argonne National Laboratory  
in partnership with the  
Bureau of Indian Education and the  
Office of Indian Energy and Economic Development

**Is requesting designs for a biomass conversion process that will  
convert biomass into diesel fuel.**

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The challenge is open to students in all tribal colleges and BIE high schools

Contestants will submit process designs (one per team) for a biomass to diesel fuel conversion process according to the following specifications:

- Raw Biomass Material – Teams may use any biomass material they wish.
- Process Safety – Teams must indicate how their process design ensures safety in view of the flammable product and the properties of any chemicals that may be used in its production.

The top five high school and top five college design team proposals will receive \$3500 each to help implement their process and produce bio-diesel fuel. Teams will be judged based on the safety and cost effectiveness of their bio-diesel fuel creation process.

The top college level team and the top high school level team will meet with senior officials from the Department of the Interior, have their project results prominently displayed in Washington, DC, and participate in an awards ceremony in the spring.

Competitive design proposals must be submitted by November 30, 2010.

For more information on deadlines and specifications contact Deon Ettinger at  
(630)252-4272 or go to the challenge website at  
[http://www.dep.anl.gov/indianed\\_energychallenge](http://www.dep.anl.gov/indianed_energychallenge)