

(Name of School)
Energy 2020 School Program

Program Goal: To quadruple the energy knowledge of all high school graduates by the year 2020.

Background

Quadrupling the energy knowledge of all high school graduates over the next nine years is an ambitious and yet achievable goal. The Great American Energy Debate Program (TGAED) is garnering support throughout the nation and is hard at work to make American students and their community energy educated. (NAME OF GROUP) students/members would like to be part of this national effort to increase students' energy knowledge.

TGAED organizers are providing program and staff services from the national office to assist with our school's program. In addition they will provide \$350 to cover expenses. We have been selected to be one of the 100 schools eligible to receive this support. The program is easy to organize and the activities showcase students teaching students about important energy issues challenging America. The activities come with written and video support to guide students every step of the way.

Proposed Activities

Energy Enriched Lessons: We propose (number) students be the teachers for one/two/three day(s) in (Month) for the (entire school/grade level/team/teacher name). [Modify text if you wish to include fewer types of classes] Students will learn about the elements of newspaper headlines and leads in English class while reading about the Smart Grid. In math they will learn how to calculate the effects of compounding while reading about energy growth in the past and future. In science it's *Thermal Energy Applications*, and in social studies it's *The Energy Focus Group*. The lessons have been developed utilizing the *Common Core State Standards*.

The Let's Talk Energy Show: Our student TV show hosts will appear to interview live experts via satellite (*pre-recorded*) to examine current energy issues. [Modify the next sentence to fit your selections.] We have selected (number) show(s), one on the future of (source or topic) and one on (NAME OF SHOW). The show will be conducted for (number) classes in the (name of room). (Optional - We would also like to conduct the show for (name of adult group) at one of their regularly scheduled meetings.)

Meet the Expert: (Number) local energy expert(s) will be invited to speak to the students. Invited experts will be provided with a script of questions in advance. Student hosts will use a *Power Point* presentation to conduct the interview. Experts will include a(n) (auto dealers, heating and cooling engineer, building contractors, senior citizen, and politician.)

The National Student Energy Survey: Just taking the survey gets (Name of School) students thinking and learning about energy. Using a school code, the 14 question *on-line Survey* takes 5-7 minutes to complete and polls students' views on energy knowledge and major energy issues. Optional videos provide students with additional information about the question if it is needed. We will be able to run numerous reports with the survey results for (the whole school/grade level/team) and many sub groups.

Showcase Program: We would like to invite student leaders and teachers from other schools to visit our school when we conduct the program activities so that they might replicate the program in their school. (Optional Activity)