

ESPC 2011 - Toronto (Ontario)



Kelsey Keddy

Better home heating and generator systems

Défi: Énergie

Catégorie: Sénior

Région: Halifax

Ville: Lawrencetown, NS

École: Halifax Grammar School

Sommaire: Using a 27 foot long dual inner pipe system, this invention allows for the recuperation of lost heat from home generator systems. As the exhaust passes through the inner pipe, water is pushed through water jackets capturing heat as it flows. The water becomes heated and can be used in many practical applications. This means that mechanical energy is being generated from thermal lose.

Biographie

Kelsey Keddy is a grade 11 student at the Halifax Grammar School who is passionate about the environment and science. She enjoys debating at a national level and simply being in the company of her friends. She hopes to study engineering at a post secondary level. Kelsey is also a member of many school clubs such as global affairs and the environmental club and hope to continue making a difference in school and community.

Prix

Valeur

Prix d'excellence - Senior - Médaille de bronze Commanditaire: Sciences jeunesse Canada	300,00 \$
Bourse d'études de l'Université Western Ontario Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	1 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$ Commanditaire: Université d'Ottawa	1 000,00 \$
Total	2 300,00 \$