TITLE: Testing the effectiveness of the film *Switch* as a teaching tool to improve energy literacy

Student name: James Joseph Corboy

ABSTRACT

Testing the effectiveness of the film Switch in teaching students about energy. Using an online pre-assessment to gauge students baseline energy literacy, students watch the film Switch, and then take a post-assessment using the same set of questions. Collecting data from 6 university classes and 5 high school classes showed growth ranging from 5-15% on the energy knowledge section and improvement of student's attitudes about energy. The goal of using film as a teaching to tool is to affect not only energy knowledge, but student attitudes and behavior as we believe the most effective path forward is to change the conversation to a more civil, non-partisan, objective analysis of energy.

Mave your advisor sign here. Electronic signatures with pdf authentication are OK. If you are co-advised, then copy and paste these lines again and have them both sign. I will not accept your abstract with no signature.)

Advisor: <u>Scott W. Tinker</u> (Type your advisor name here. This is required, as signatures are difficult to read. I will not accept your abstract with no signature)

THIS ABSTRACT IS ONE PAGE. IT NEEDS TO BE SHORTED IF IT IS MORE THAN ONE PAGE