**Energy in Light Bulbs**

Good morning everyone, I am 吴晨聪 from the Department of Electrical Engineering. Also, I’m the only student from electrical engineering in this class.

So electrical engineering, electrical means to say we are doing something close to electricity. And I strongly believe that some of you’ll feel like yes! I know, you are the people who climb up to the light bulb and make it work. Well… Indeed, you’re right. However, it is only a small part of our work and the most important essence in doing so is that we are trying to transport electricity. Therefore, fixing light bulbs in other words, we tackle with energy problems.

6 years ago, a terrifying typhoon distorted my hometown Macau. I witnessed the worst disaster in the past fifty years in Macau history which caused uncountable economic losses and even loss of life. ~~Watching the messy street, I start to consider what can I do about this.~~

Indeed, the fundamental reason for the climate problem is that human beings are using non-renewable fossil fuels on a large scale. Without energy transformation, our descendants will face a society with environmental disasters and ~~energy shortages~~. Sustainable and clean energy is the lifeblood of our modern society.

As a result, I started to immerse myself in doing contribution to the energy revolution.

When I was a high school student, I did research and projects on clean energy with the professors at the University of Macau. I synthesized a new clean material for the battery electrode. Which can significantly enhance the performance of the traditional battery and reduce the pollution to the environment. An innovation in clean energy, it lit up my first light bulb in the energy revolution.

In Tsinghua, in my major, there is an advanced class called the International Energy Internet class. I met people who share the same goals in the energy revolution as me. We participated in various activities that promoted and developed sustainable and green energy. In the further future, we are preparing to set up an association about green energy in Tsinghua, we are putting effort into calling out more people to focus on the energy issues nowadays and lighting up the light bulbs of clean energy in their hearts.

In conclusion, electrical engineering is not only a field related to electricity but also revolves around energy. As a student in electrical engineering, we stand at the forefront of the energy revolution and strive for a cleaner and greener future. That’s our work or I would say that’s our duty. Next time, when you are changing the light bulb, remember you are not only fixing the electricity but also lighting up the big light blubs in the energy problems in the world.