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Written reflection 1:

The sustainable electric power engineering

Why did you choose this particular program?

The main reason for why I chose this program isn't that I calculating the current in a transmission line or synchronous motors. The main reason is that I love the possibilities that this program gives me for working with sustainability and environmental issues. First, when I started at KTH, I chose the *environment and energy* program because of my personal interest in this field. Already after the first year I noticed that one of biggest challenges for achieving a *more* sustainable society is that we have to integrate greener energy-sources which was decisive for choosing electrical power as my master another important aspect for why I chose this program is that it brings me the possibility to solve problems and not just describe them. This is of major importance since I don't want to forget why I wanted to by an engineer!

What are your life time goals (career related) and what are your goals for the next 3-5 years?

If I have to stipulate my professional life time goals I should say that I want to help to achieve more sustainable society. How I am going to do this is not totally decided. One possible way that I think is interesting is to help to the integration of cleaner energy-sources. Another way perhaps is to work with effective consumption of our available resources which can be achieved working with optimization of power-transmission as an example.

Therefore my personal goals in the closest future are to of course finish my master's degree but also be able to work or do research in my field of interest. I would like would like to work in, other or in connection with other countries.

What are your goals for the ongoing academic year?

During this academic year the main goal is to get useful knowledge. By useful knowledge I don't just refer to knowledge which can help to become a good engineer but also knowledge which helps me in my personal life. As an example to learn to be able to generate electrical power but also but also have a broad view of the society taking into account other factors and which are not technical. To be able to learn from books but also be creative.

Now that you have prepared your study plan and spent a number of weeks as a master student at KTH, what has surprised you the most (positively or negatively)?

The biggest surprise I think is the diversity of students. During the bachelor's degree the majority of my classmates came from the same cities, were in the same age and had very similar backgrounds and interests. Now on the master's degree I talk to students from all over the world. Some of them have being working for many years, others finished their bachelor's degree recently as I did but have another academic background. This surprised in a positive way enriching my education at KTH.