

## **EE/CprE/SE 492 Bi-WEEKLY REPORT 1**

**August 2019 – May 2020**

**Group number: 28**

**Project title: New Design Concept for Residential Electric Meter Adapter**

**Client &/Advisor: Alliant energy/Zhaoyu Wang**

**Team Members/Role: Zane Heifner – Communication**

**Brenden Koenighain- Design/Documentation**

**Derek Drees- Research**

**Austin Meyer-Testing**

o Weekly Summary: This week we completed our first meeting with the 492 team and we also met with our client once again. We not only reported our progress and presented our preliminary 3D model, we also took part in a photo shoot for an advertising campaign for Alliant. This was a fun and new way to assist them with projects within the company.

o Past week accomplishments/individual accomplishments:

- Zane Heifner: Set up meeting time with Alliant and attended all meetings with both Alliant and the 492 teams.
- Derek Drees: Attended meetings and converted/submitted files to Alliant of 3D model.
- Brenden Koenighain: Attended meetings.
- Austin Meyer: Attended meetings.

o Pending issues

- We are simply waiting to hear Alliant's feedback on our 3D model so we can begin to flesh out the final version and see if they have any recommended manufacturers or if we were to find our own.

o Plans for the upcoming week: We await Alliant's response on next steps and if they leave it up to us we will begin refining the design and fielding potential manufacturers and taking estimates to stay within our provided budget.