

Team/Instructor Meeting

4/03/2018

Agenda: Team will check in with Dr. David Willy to reflect on progress on technical roles

Technical Goal: Solar Calculator

Team Members: Dakota Hanks, Trenton Black

Assembled and tested new prototype. Review with Shafer on accuracy of the device

Technical Goal: Positioning Axis, client contact

Team Members: Fahad Esmail

Finish positioning axis calculations for the technical report

Technical Goal: Power Conversions and Requirements

Team Members: Andres Rodriguez

Digitized technical data from the IXYS spread sheet to model power output, and current of the cell based on Irradiance. Must work to determine what battery is preferable for the design. Finish technical report. Determine minimum amount of cells need to be energy independent

Technical Goal: Battery type

Team Members: Esmail Abdullah, Trenton Black

Type of battery. Draw of Arduino is 5V @ 2A

Dr. David Willy suggestions

- review with client
- use fritzing program to create electric model
- determine battery type
- review hardware /software solution