

Progress Report - Week 5 | Feb. 8 - 15, 2025

Group 6:

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Notes:

- Progress slightly hampered this week due to midterms
- Wednesday Feb. 19 @4pm in person meeting w/ Andrew Greenburg at EPL
- Battery housing printed on Feb 12, however a reprint is needed due to quality issues. As of Feb 13, snow day has delayed pick up of 3d model
- Progress made in balancing circuit design and development of semi working prototype will be in progress from this Feb 15 onward to Feb 22.
- Current sensor module on both sides, we want sensing of both I/O
- Overvoltage goes to charge control voltage switch
- Undervoltage goes to control power output switch
- power output stage -> output switch
- Transfer switch - > Bypass Switch

Tasks at hand:

- Project Proposal - Still need legal part for IP As of Feb 15
- Sensor integration with I2C bus
- Sodium ion battery tests with balancing circuit
- Test and integrate transfer switch w/ balancing circuit
- Battery housing (3D printed) - DELAYED DUE TO SNOW