

Team DEC1706

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1. Brief summary of the activities in the last two weeks

We have made a lot a progress on our project over the last few weeks. The old PV system was completely removed and we started rebuilding within a new, compact, mobile, shelf/box. The face panel of the box has all the required components installed, to include; mulitmeter displays, MPPT display, IRR display, relay switches, Arduino display and main breaker.

Wiring of the main components is complete; solar panel, batteries. What remains is the smaller, easier wires to run. We need to get the relay switches wired, 2 AC plugs wired and the multimeteres as well.

The Arduino is completely programmed to measure IRR and is soldered to the display. We will probably have to feature creep and get a temperature sensor and add that as well.

2. Status-summary of the extra credit homework(s) that are due week#10

We have still not started this homework. We have the tools and knowledge, it's just a matter of sitting down and writing it at this point.

3. Any exceptions that could affect the demo/presentation¹

We are currently on track with our project. Our project is fairly large to demo. It takes up a 4'x4' area on a table. I'm sure we can get that to work for our final presentation, just wanted it to be known.

4. Any items more-remotely related to the project that need to be discussed

None at this time.