

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

Two weeks ago we did majority of the cost analysis portion of our project. We analyzed the cost of buying new solar panels to the current system. We also needed to collect Irradiance measurements via a preexisting IR sensor to an Arduino. We were able to get the data to read correctly and were just waiting on a display to arrive. During this week we were waiting for parts to arrive so we could begin building/cleaning up the current setup.

Last week the parts arrived and we began clean up. We stripped down the last system and built a new portable box to house the equipment. The equipment is in the box and now needs wired up. All parts arrived by the VFD, so this weekend we planned on installing all of the switches and displays so we can start wiring.

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

We have gathered information on how other schools are teaching PV/MPPT. The data/information is collected and now it's just a matter of writing it all into a report.

**3. Any exceptions that could affect the demo/presentation<sup>1</sup>**

To our surprise, deconstruction and the IR sensor went very smoothly. These were to two steps we believed would take the most time, and we made it past them. So currently there are not any factors that would affect or demo/presentation.

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

None at this time.