

EE/CprE/SE 492 - sddec19-06

Design and Implementation of a Small Scale Stand Alone Hybrid Solar PV and Wind Energy Generation

BIWEEKLY REPORT - 7

11/23/19 – 12/6/19

Client and Faculty Advisor: Dr. Venkataramana Ajarapu

Team Members:

Hussein Ghitan - Meeting Scribe

Adam Schroeder - Chief Engineer

Anna Schulte - Meeting Facilitator

Biweekly Summary:

Tested old and new multimeters and discovered that both power on correctly. However, the signal to them is not working properly so we are working to solve that issue. Installed the operating multimeters into the system and are continuing testing. The current sensor for the load has been powered on and is working properly.

Past Weeks Accomplishments:

- Demoed our project for a pre-engineering student from DMACC.
- Rewired the control unit of the system after we had some sparking due to poor connections.
- Project poster designed and printed out.
- Added one more voltmeter to display the load volts.
- Added labels to the system.

Pending Issues:

Signal to multimeters is not working properly

Individual Contributions:

| Team Member | Contribution (Optional) | Biweekly Hours | Total Hours |
|----------------|-------------------------|----------------|-------------|
| Hussein Ghitan | | 17 | 60 |
| Adam Schroeder | | 16 | 59 |
| Anna Schulte | | 12 | 47 |

Plans for Coming Two Weeks:

Finalize project and prep for poster presentation and final industry review panel.

Summary of weekly advisor meeting (Optional):