EE/CprE/SE 492 - sddec19-06
Design and Implementation of a Small Scale Stand Alone Hybrid Solar PV and Wind Energy Generation
BIWEEKLY REPORT - 3
09/28/19 – 10/11/19
Client and Faculty Advisor: Dr. Venkataramana Ajjarapu

Team Members:
Hussein Ghitan - Meeting Scribe
Blaise Ronspies - Test Engineer
Adam Schroeder - Chief Engineer
Anna Schulte - Meeting Facilitator

Biweekly Summary:

Past Two-Weeks Accomplishments:

- Inverter and power circuit working: Hussein and Anna
    - Realized that the DC going into the inverter must come through the MPPT in order to not exceed inverter input voltage of 24 DCV.
    - Powered up the 3 phase motor and demonstrated to the client.
    - Powered up the single phase at 120 ACV.
- Multimeters: Adam
    - Working on testing multimeters
    - Found that one meter has a short circuit, working on solving issue by rewiring multimeters.

Pending Issues:

Need to get display for Irradiance and temperature working correctly. Trouble testing arduino with code for display to work correctly.

Individual Contributions:

Team Member	Contribution (Optional)	Biweekly Hours	Total Hours
Hussein Ghitan		7	19
Blaise Ronspies			
Adam Schroeder	Demonstrated working power circuit to Professor, and looking into testing multimeters and displays.	7	22

Anna Schulte	Worked to correct error coming from inverter, got the power circuit to run completely, including the single and three phase AC	7	20

Plans for Coming Two Weeks:
Get temperature and irradiance display fully functional with arduino. Working into testing/installing multimeters and displays for voltage and current within the system.

Summary of weekly advisor meeting (Optional):