

EE/CprE/SE 492 - sdddec19-06

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

BIWEEKLY REPORT - 6

11/9/19 – 11/22/19

Client and Faculty Advisor: Dr. Venkataramana Ajarapu

Team Members:

Hussein Ghitan - Meeting Scribe

Adam Schroeder - Chief Engineer

Anna Schulte - Meeting Facilitator

Biweekly Summary:

Received multimeters that had been previously ordered. Began the process of finalizing schematic and lab manuals.

Past Two-Weeks Accomplishments:

Picked up multimeters from ETG and drew up schematic for the finalized system. Looked at Simulink model and did testing to find the reason for slight errors we have been seeing.

Pending Issues:

Old and new multimeters need to be tested. New multimeters need extensions to the wires in order to be installed to the system in order to be placed in a safe location where the displays can be read.

Individual Contributions:

Team Member	Contribution (Optional)	Biweekly Hours	Total Hours
Hussein Ghitan	Ran the simulation and compared that to the hardware results, Met with Ajaripu	7	43
Adam Schroeder	Picked up multimeters from ETG and hand drew new schematic for system including the new multimeters.	6	43
Anna Schulte	Started to edit and look through lab reports	6	35

Plans for Coming Two Weeks:

Test old and new multimeters, install the operating ones into the system according to the schematic drawn. Finalize Design and submit poster design for final presentation.

Summary of weekly advisor meeting (Optional):