

Team Name: sdmay24-18

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Report Period: October 9 - October 22

Summary of Progress in this Period

The team showed presentations to the client, which involved finalized solar farm equipment choices, AutoCAD title blocks, AutoCAD array layout, and voltage drop calculations.

All IP and NDA documents have been signed and sent to the industry clients.

Finalized the array calculations in Excel.

The team went on a site visit to the 2 MW solar farm in Ames in order to view equipment layouts and increase understanding of the engineering process.

Pending Issues

Continue updating Title blocks, Understand ETAP & ACAD for all people in the group.

High level understanding of what goes into designing and constructing a substation.

BESS research and design.

Decide on fixed tilt or single axis tilt solar panels.

Plans for Upcoming Reporting Period

Understanding ETAP and AutoCAD software.

Create a full array layout in AutoCAD as well as other sheets needed for construction deliverables.

Continue voltage drop calculations.

Research and decide on fixed tilt vs single axis tilt design.
