

Team Name: sdmay24-30

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Report Period: Oct 9-Oct 22

Summary of Progress in this Period:

During this period, our team focused our efforts on researching effective means for calculating cost to benefit ratios for the reactor designs we are researching, and we discussed what factors should be included in the calculation. Additionally, we researched the possibility of utilizing ASPEN and/or PSSE for testing our recommended design. Our team agreed that finalizing our method for determining cost to benefit ratios for our designs and determining the software we would like to use to test our designs would be the best next step in our project.

Pending Issues

Our team plans on meeting with our faculty advisor to discuss the possibility of utilizing PSSE to model wind, solar, and nuclear power generation together. We are seriously considering utilizing PSSE for our project, but we want to verify that a model combining different types of power generation together would be possible.

Plans for Upcoming Reporting Period

During the upcoming reporting period, our plan is to finalize our cost to benefit calculation process and apply it to our current reactor plant designs. Our team also plans on furthering our exploration of the modeling software that we will be using to test our design and selecting the modeling software we want to use.
