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Respondent

3

Tim Mies

02:27

Time to complete

Project Questionnaire

Please provide proper and accurate information.

1. Is your project complete? *

☒ Yes

☐ No

2. Name of project *

Biomass Boiler Upgrades to Ash Handling System

3. Date project received financial award letter *

June 8, 2022

4. Date of project completion *

Sept 1, 2023

5. Date of final report submission *

9/20/2023

6. Please describe marketing and promotion efforts for the duration of the project. *

With the return of regular visitors to the Energy Farm after Covid, we have hosted several groups and classes in the last year that have learned about renewable energy research at the Energy Farm, including the biomass boiler system this funded project supports. In addition, an open house was hosted spring 2023 which highlighted not only the boiler system, but other SSC funded projects from past / present including goethermal and solar research project.

7. Please describe how your project faced challenges or obstacles during the duration of development. *

The major hurdle in completing this project was supply chain issues and global transportation issues. The manufacture in Germany was delayed in re-opening along with delays in ocean freight to deliver the necessary parts for this project. Once received, installation didn't start until our heating shutdown period summer 2023. Final project budget overruns were absorbed by the boiler maintenance budget (\$3,379)

8. Please describe in detail how your project has integrated student involvement, community outreach, and campus sustainability. *

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term functionality of the biomass boiler system replacing propane as the primary heating source in the buildings it supplies energy to.

9. If applicable, please explain how the project engaged individuals from underrepresented groups and/or promote diversity, equity, and inclusion. *

n/a

Project Documentation

10. Please upload the final financial documentation for your project

<https://studentengagement.illinois.edu/student-sustainability/ssc/docs/SSC-Supplemental-Budget-Timeline.xlsx>

*

 [SSC-Step2-Supplemental-Budget-and-Timeline Tim Mies.xlsx](#)

11. Please upload additional project photography (not submitted in semesterly report) *

 [ash_system_upgrade Tim Mies.jpg](#)

 [heating_Tim Mies.jpg](#)