View results

Respondent

18   Aman Mehta

05:17
Time to complete

Project Questionnaire

Please provide proper and accurate information.

1. Name of project *

Demonstration of Enerdrape Thermal Energy Exchange System in Steam Tunnel

2. Date project received financial award letter *

05/05/2023

3. Date of forecasted project completion *

May 2024

4. Date of report submission *

02/12/2024

5. Marketing and promotion efforts to date *

So far, the project was going through the process of being approved by the MechSE department to be accepted as a senior design project. Due to this delay, the project had to undergo a timeline delay.
At the end of this semester, the project will be showcased to all MechSE faculty at the trade show and the ME470 (Capstone class) final presentation day.

6. Please describe project progress *

The project has officially begun this semester. As mentioned above, the process so far was to get it accepted by MechSE and setting up the team from Abbott Power Plant and making sure the teams were all onboard before the project started.
Since the project started this semester, we have made system drawings and designs and are beginning to order the panels and necessary supporting equipment. We will use that to install the panels before March end. We will conduct rigorous testing and then work towards a feasibility report to be submitted to other campus communities at the end of the semester.

7. Please describe how your project integrates student involvement and community outreach *

The project includes 7 mechanical engineering seniors who are working together to implement novel geothermal technology on campus and are working towards a feasibility towards implementing this technology all across campus. This will allow UIUC to reach their iCAP goals by reusing waste heat.

Project Documentation

8. Please upload updated financial documentation for your project

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

[x] SSC-Step2-Supplemental-Budget-and-Timeline_Aman Mehta.xlsx

9. Please upload project photography *

    🖾 MicrosoftTeams-image_Aman Mehta.png

    🖾 Picture1_Aman Mehta.png