



**Student Sustainability Committee**  
**Funding Award Letter**



May 5, 2023

Project: Demonstration of Enerdrape Thermal Energy Exchange System in Steam Tunnel

Aman:

The University of Illinois Urbana-Champaign Student Sustainability Committee (SSC) is pleased to inform you that your project has received approval from the Institute for Sustainability, Energy, and Environment (iSEE), and the Vice Chancellor for Student Affairs.

The Student Sustainability Committee is proud to award **\$50,000.00** in grant funding for **Demonstration of Enerdrape Thermal Energy Exchange System in Steam Tunnel**.

To remain eligible for this award, you agree to the following conditions:

1. The project must be completed within two years of the funding being awarded. A final report of all work completed, a full list of expenditures, and a detailed sustainability impact report must be provided to the SSC Advisor by **4/30/2025** or project completion.
2. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
3. The Primary Applicant will be responsible for all official communication and the execution of this agreement.
4. The Project Unit Financial Contact must submit the prescribed FPI form for the assignment of a CFOP within four weeks of receipt of this letter. The CFOP established for this award shall strictly be used for the awarded funds of this proposal.
5. Any substantial modifications to the project must be submitted within a scope change form, including modifications to the budget, timeline, project lead, and project direction. A majority vote of the SSC must approve scope changes.
6. All projects must follow university policies and procedures and applicable local, state, and federal laws.
7. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
8. Any press releases or educational/promotional materials involving the project must acknowledge SSC funding.
9. Any marketing, including but not limited to advertising, signs, and digital ads, involving the project or events surrounding this project must include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.

**Student Sustainability Committee of the University of Illinois Urbana-Champaign**  
**Illini Union Suite 284, 1401 West Green Street Urbana, IL 61801**

Sustainability-Committee@illinois.edu | Phone: 217.300.8757

**Project:** Demonstration of Enerdrape Thermal Energy Exchange System in Steam Tunnel

**Funding Source:** Sustainable Campus Environment Fee

**Funding Requested:** \$50,000.00

**Funding Allocated:** \$50,000.00

**Primary Unit of the Project:** Prairie Research Institute Fiscal Services Section Lead

**Unit Financial Contact:** Karen Hartman

**Project Description:**

The UIUC campus would be a demonstration site for an emerging geothermal energy technology that taps waste heat from underground infrastructure to heat adjacent buildings. Geothermal exchange panels will be installed in steam tunnels near Abbot Power Plant in the Summer of 2023, the tunnels will be monitored and studied for one year. This modular, scalable, and easy-to-install geothermal heat exchange panel technology developed by Enerdrape will be the basis of the study. This demonstration is designed to generate reports for the Illinois Climate Action Plan and utilize student-led projects in the sustainability energy field.

**This proposal directly funds:**

1. Support Engineering Design Work
2. Installation of Monitoring System
3. Geothermal Exchange Panels

## Funding Approval

### Student Sustainability Committee, Chairperson

Jack Reicherts



05/05/2023

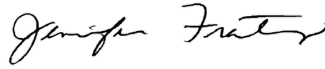
Name

Signature

Date

### Associate Director for Campus Sustainability

Jennifer Fraterrigo



05/10/2023

Name

Signature

Date

### Vice Chancellor for Student Affairs

Danita Brown Young



05/10/2023

Name

Signature

Date

## Funding Acknowledgement

By signing below, I agree to the terms and conditions for this award. If you have any questions regarding these requirements, please get in touch with the Student Sustainability Committee Advisor at [ssc-advisor@illinois.edu](mailto:ssc-advisor@illinois.edu).

### Award Recipient

Aman Mehta



05/10/2023

Name

Signature

Date

### Project Advisor Signature (Student-Led Projects Only)

Name

Signature

Date