



**Project:** Open Geothermal at ISTC

**Funding Source:** Clean Energy Technology Fee

**Funding Amount:** \$27,000

**Receiving Campus Unit:** Illinois Sustainable Technology Center

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**Project Description:**

The goal of this project is to install an open geothermal loop underneath the Illinois Sustainable Technology Center. The open geothermal loop would take water from one of the many nearby aquifers and only introduce heat into the system. The project will increase awareness of geothermal systems, determine the physical and chemical attributes of the aquifer, integrate the geothermal system with the current HVAC system. The ISTC hopes to decrease their energy use and greenhouse gas emissions by 25%-50%. The ISTC would test the procedure on this building, but hopes to extend it to other campus buildings. Therefore, the committee has granted \$27,000 for this proposal.

**Student Sustainability Committee:**

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Suhail Barot, 08-09 Committee Chair

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Paul Cheng, 08-09 Committee Vice-Chair

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Ying Fang, 08-09 Committee Treasurer

Date Approved: \_\_\_\_\_



**Office of Sustainability:**

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Richard Warner, Director, Office of  
Public Sustainability

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Steve Sonka, Vice-Chancellor for  
Engagement

Date Approved: \_\_\_\_\_

Date Approved: \_\_\_\_\_