

iWG Assessment

SWATeam Recommendation Ref #: EGEN009 Campus Geothermal Policy

Date of iWG Assessment Started: 06/07/2019

Assessment Completed: 08/08/2019

Original SWATeam Recommendation:

Develop a policy for the consideration of geothermal energy systems in all new or retro-commissioned buildings on UIUC campus.

iWG Assessment of budget and policy impacts (*check one*):

moderate budget and/or policy impact OR major budget and/or policy implications

iWG Routing Need (*check one*):

more detailed study OR transmit recommendation OR forward to Sustainability Council

iWG Routing Direction (*department name, SWATeam, or Council*): Facilities & Services

iWG Recommendation: Facilities & Services should begin to identify options for campus policies related toward geothermal integration into building standards, to be informed by additional supporting information and studies as it is developed and supported through consultation with on-campus stakeholders and faculty. iWG recommends that care be taken with the development of the policy to ensure that projects remain in lockstep and an excessive number of different competing standards not take effect.

Individual comments are required from each iWG member (can be brief, if member fully agrees):

iWG Member Name	iWG Member's Comments
Ximing Cai (iSEE)	I support the recommendation and suggest to consider existing policy in peer institutions. The final policy form should be based on feasibility assessment.
Morgan White (F&S)	New campus buildings are already considering geothermal when looking at options for sustainable solutions. F&S can incorporate appropriate information in the Facilities Standards or similar policy documents.
Alma Sealine (Student Affairs)	I support this recommendation.
Matthew Tomaszewski (Provost's Office)	I support this in principle, but we need to make sure we are not limited to geothermal only. There needs to also be an overall intention towards clean energy and energy conservation/efficiency.
Scott Willenbrock (Provost Fellow)	This is not strong enough. We need to make a policy that all new heating/cooling systems be driven by (renewable) electricity.
John Dallesasse (Academic Senate)	I support this recommendation.
Joe Edwards (Student Sustainability Committee)	Making sure units implementing geothermal are talking to each other is an important step to ensuring its success.
Sean Reeder (OBFS)	I support a more broad policy tied to renewable energy.

S. Renee Wiley (college-level facility manager)	I support the recommendation to develop a policy thus creating a facility standard for geothermal energy systems and as such to be considered as part of all new and retro-commissioned buildings. I would suggest geothermal feasibility study be completed before such policy/standards are developed.
Joey Kreiling/Jonah Messinger (Student Sustainability Leadership Council)	I support this recommendation. Enforcing consideration of geothermal will greatly increase the likelihood geothermal gets implemented.

Attach any comments from subject matter experts (with names and roles).