

iWG Assessment

SWATeam Recommendation Ref #: eGen007

Date of iWG Assessment: 10/27/2017

Original SWATeam Recommendation: Start a project to expand the existing Solar Farm, or install a new large scale solar installation in a new location.

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*): Sustainability Council

iWG Recommendation: The iWG agrees that this is the most cost-effective method for meeting the iCAP objective of 25,000 MWh/year of on-campus solar generation by FY25. To meet that goal, the Solar Farm 2.0 project needs to begin soon, under F&S direction.

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 this recommendation. It will be landmark at campus for renewable energy generation and for sustainability education. It can also enhance using campus as living lab for sustainability research.
Morgan White (F&S)	Based on our best estimate, the annual subsidized cost will be \$1.5M higher than current costs and will result in a 3.9% increase to the campus utility rates for ten years to fully recover the added energy cost. If campus would like to proceed, we are prepared to facilitate the endeavor.
Larry Uphoff (Student Affairs)	I support this recommendation
Matthew Tomaszewski (Provost's Office)	I support this recommendation.
Scott Willenbrock (Provost Fellow)	I support this recommendation. It would be wise to commence construction before the end of 2019 to take advantage of the full 30% Investment Tax Credit (collected by the vendor).
John Dallesasse (Academic Senate)	I support this proposal. If possible, working with the Power Electronics group in ECE for educational or research purposes would be beneficial. Ideally this should be done through an agreement with terms that do not increase power cost.
Nick Heyek (Student Sustainability Committee)	Solar farm 2.0 has the potential to move our campus closer to meeting our iCAP goals. If iCAP goals for reductions in overall energy consumption are met, the total percentage of campus energy from both solar farms would be quite high.
Sean Reeder (OBFS)	I support this recommendation.
Rob Fritz	I am a proponent of solar energy, however, I question spending \$7-\$26 million on a solar farm when there are so many other pressing needs on campus (differed maintenance

(college-level facility manager)	backlog, state budget shortfall, faculty retention, etc.). The cost of solar continues to drop and it may not be the best time to invest in a project of such magnitude. There are still opportunities to reduce energy consumption at the same time as shrinking the differed maintenance backlog.
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Attach any comments from subject matter experts (with names and roles).