

iWG Assessment

SWATeam Recommendation Ref #: PWR 016 – Use of Motion Sensor Lighting

Date of iWG Assessment Started: 07/02/2019

Assessment Completed: 08/10/2019

Original SWATeam Recommendation:

- The PWR & ECBS SWATeams kindly request the installation of Motion Sensor Lighting in all buildings. This would be done gradually so F&S does not become burdened by the switch. The main targets for motion sensor lighting in buildings would be public spaces, lobbies, hallways, stairwells, rest rooms, discussion/collaboration spaces, classrooms, etc.
- In conjunction with ECBS, PWR would like to recommend that all campus buildings be gradually retrofitted to use motion sensor lighting wherever possible, as well as enforce the policy for new buildings and remodels to use motion sensor lighting. We suggest that the installation of motion sensors should be the default option and to be pursued unless there is a reason not to do so.
- This switch would occur during mainly during replacement and upgrading of light switches in all buildings and or during remodeling. Such a switch needs to be implemented gradually, replacing the current switches as they stop working or become obsolete, which will lower energy usage.
- The University would procure the motion sensors through a contracted vendor like Grainger or HD Supply. Ordering in bulk, which would give Purchasing more leverage to negotiate a bulk discount.

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*): F&S

iWG Recommendation: Please provide the Zero Waste and Energy SWATeams with an overview of the existing occupancy sensor efforts. Please explain the direction of these efforts, reasoning, and status/progress to date.

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.
Morgan White (F&S)	As we discussed in the iWG meeting, F&S is actively implementing occupancy sensors in campus buildings. Providing this summary to the iWG will allow us to share the progress to date.
Alma Sealine (Student Affairs)	I support this recommendation.
Matthew Tomaszewski (Provost's Office)	I support this recommendation.
Scott Willenbrock (Provost Fellow)	Campus is not being aggressive enough.

John Dallesasse (Academic Senate)	I support the iWG Recommendation.
Joe Edwards (Student Sustainability Committee)	I agree with this recommendation, particularly instituting an enforcement mechanism to ensure motion sensors are the default option in new projects.
Sean Reeder (OBFS)	I support this recommendation in conjunction with PWR 015.
S. Renee Wiley (college-level facility manager)	I support this recommendation.
Joey Kreiling/Jonah Messinger (Student Sustainability Leadership Council)	I agree.

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