

iWG Assessment

SWATeam Recommendation Ref #: PWR 015/ECONS 009 – LED/CFL Lightbulb Replacement

Date of iWG Assessment Started: 07/02/2019

Assessment Completed: 08/08/2019

Original SWATeam Recommendation:

- The PWR & ECBS SWATeams suggest a switch from conventional incandescent light bulbs to LED or CFL light bulbs
- This switch would occur during REPLACEMENT of expired bulbs in all buildings and/or during remodeling. Such a switch needs to be implemented gradually, i.e., replacing the current incandescent lightbulbs as they stop working, with lower energy and longer life CFL bulbs.

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 & Energy SWATeams with an overview of the existing LED efforts. Request to confirm status of type of lighting and quantity throughout campus.

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. Since F&S is doing this and an update of the status will be helpful for the SWATeam.
Morgan White (F&S)	As we discussed in the iWG meeting, F&S is actively working toward the LED campus goals. 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 with the transition to LEDs. Loomis Laboratory just underwent a major energy upgrade. The fluorescent tube bulbs were not replaced with LEDs, even though this would cut the energy use nearly in half.
John Dallesasse (Academic Senate)	I support the iWG Recommendation. In general, I support the effort to move toward LED lighting across campus in a planned, coordinated manner. This is especially true given the connection of UIUC with the inventor of the LED, Nick Holonyak. I would not support the use of CFLs in place of LEDs.
Joe Edwards (Student Sustainability Committee)	I agree with this recommendation.

Sean Reeder (OBFS)	I agree with this recommendation. I believe that the efforts are already being made.
S. Renee Wiley (college-level facility manager)	I support this recommendation.
Joey Kreiling/Jonah Messinger (Student Sustainability Leadership Council)	I agree, would likely pay for itself in a few years.

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