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## MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting. See <http://www.mtsu.edu/~sga/cleanenergy.shtml> for funding guidelines. Save completed form and email to [cee@mtsu.edu](mailto:cee@mtsu.edu) or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request Dr. Karen Petersen / Vicki Eastham	
Department/Office Liberal Arts	Phone # (Office) 615-898-2351
MTSU Box # Todd 231 or PO Box 44	Phone # (Cell)
E-mail Karen.Petersen@mtsu.edu Vicki.Eastham@mtsu.edu	Submittal Date February 2018

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input checked="" type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Other
<input type="checkbox"/> Renewable Energy	

3. Project Information	
a. Please provide a brief descriptive title for the project.	
b. The project cost estimate is the expected cost of the project to be considered by the committee for approval, which may differ from the total project cost in the case of matching funding opportunities. <b>Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.</b>	
c. List the source of project cost estimates.	
d. Provide a brief explanation in response to question regarding previous funding.	
3a. Project Title	Peck Hall LED replacements in Corridors and Stairwells
3b. Project Cost Estimate	\$10,675 including labor
3c. Source of Estimate	Equipment Manufacturer and RS Means estimating data
3d. If previous funding from this source was awarded, explain how this request differs?	n/a

**4. Project Description**

(Completed in as much detail as possible.)

- a. The scope of the work to be accomplished is a detailed description of project activities.
- b. The benefit statement describes the advantages of the project as relates to the selected project category.
- c. The location of the project includes the name of the building, department, and/or specific location of where the project will be conducted on campus.
- d. List any departments you anticipate to be involved. Were any departments consulted in preparation of this request? Who? A listing may be attached to this form when submitted.
- e. Provide specific information on anticipated student involvement or benefit.
- f. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- g. Provide any additional comments or information that may be pertinent to approval of the project funding request.

**4a. Scope: Work to be accomplished**

Replace existing fluorescent fixtures with 31 watt Philips Lighting Evokit 2' x 4'

**4b. Scope: Benefit Statement**

Evokit lights to provide a better quality light in comparison to the existing fixtures. The Evokit retrofit kit rates 70000 hour life span

<b>4. Project Description (continued)</b>
<p>4c. Location of Project (Building, etc.) Peck Hall Corridors and Stairwells</p>
<p>4d. Participants and Roles Building Services personnel to purchase and install</p>
<p>4e. Student participation and/or student benefit</p>
<p>4f. Future Operating and/or Maintenance Requirements It is the expectation Maintenance involvement will decrease from current requests. Anticipated life span is 60,000 hours.</p>
<p>4g. Additional Comments or Information Pertinent to the Proposed Project The actual count of fixtures needing to be replaced in Peck Hall is 144. I am requesting funding for 134 with the understanding that any money saved by purchasing in quantity will allow us to purchase the additional 10 units. Thank you for your consideration of this badly needed lighting update to the most heavily used student building on campus.</p>

## 5. Project Performance Information

Provide information if applicable.

- a. Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc.
- b. Provide information on estimated annual energy cost savings in monetary terms.
- c. Provide information on any annual operating or other cost savings in monetary terms. Be specific.
- d. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.

5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)

Estimated annual energy savings is 9.36 kWh

5b. Annual Energy COST Savings (\$)

Annual energy cost savings is \$3,417 for a ROI (Return on Investment) of 3 years.

5c. Annual Operating or Other Cost Savings. Specify. (\$)

Additional operating costs are unknown at this time. Future requests may be made pending the results of the study

5d. Matching or Supplementary Funding (Identify and Explain)

Unknown