

Use 9/29/11

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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 or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request Gerald Grimes	
Department/Office Facility Services	Phone # (Office) 494-8671
MTSU Box # P.O. Box 32	Phone # (Cell)
E-mail hgrimes@mtsu.edu	Submittal Date 09/29/2011

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
<ul style="list-style-type: none"> 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. Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission. c. List the source of project cost estimates. d. Provide a brief explanation in response to question regarding previous funding.
3a. Project Title KIRKSEY OLD MAIN Exhaust Ventilator Replacement
3b. Project Cost Estimate \$9,953.60
3c. Source of Estimate Manufacturer and installation contractor
3d. If previous funding from this source was awarded, explain how this request differs?

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

Remove (8) manual ventilators with dampers to be replaced with (8) 20 watt solar powered curb mount exhaust fans with thermal switch.

4b. Scope: Benefit Statement

The Solar Attic Fan is designed to reduce heat build-up in summer and moisture build-up in winter in plenum space, between roofing deck and ceiling tiles. By running year round, it can keep space drier by removing moisture in the winter, reducing condensation and preventing the growth of harmful mold and mildew.

4. Project Description (continued)
4c. Location of Project (Building, etc.) Kirksey Old Main Roof
4d. Participants and Roles Facility Services - coordination of work. Roofing contractor to install solar powered exhaust fans. Vendor - Supply (8) 20 watt solar powered, 1350 CFM, exhaust fans.
4e. Student participation and/or student benefit Student benefit includes better air movement to improve air quality for student workers. Fans will reduce humidity in upper class room areas that can damage classroom equipment and reduce condensation preventing the growth of harmful mold and mildew.
4f. Future Operating and/or Maintenance Requirements Annual cleaning of solar panel to ensure proper performance.
4g. Additional Comments or Information Pertinent to the Proposed Project

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.)

Annual energy savings unknown at this time.

5b. Annual Energy COST Savings (\$)

Annual energy cost savings unknown at this time.

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

Cost savings unknown at this time.

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