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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

Jeff McConnell

Department/Office

Phone # (Office)

Energy Services

615-898-5883

MTSU Box # 032

Phone # (Cell)

E-mail jeff.mcconnell@mtsu.edu

Submittal Date 9/27/24

2. Project Categories (Select One)

Select the category that best describes the project.

<input 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

3a. Project Title Remote Monitoring Sensors for Area 2 housing RTU systems.

3b. Project Cost Estimate \$8250

3c. Source of Estimate Supplier pricing for sensors and in-house labor estimates

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

Purchase and install remote monitoring sensors to all Roof Top Units for Area 2 housing. (Smith, Beasley/Sims, Judd/Gracy)

4b. Scope: Benefit Statement

With the addition of these sensors Energy Services personnel can better troubleshoot HVAC systems for each of the dorm facilities in Area 2. This will help to be more effective in discovery of issues before they become problems.

4. Project Description (continued)
4c. Location of Project (Building, etc.) Area 2 housing Smith, Sims/Beasley, Judd/Gracy
4d. Participants and Roles Supplier Energy Services technicians Outside contractor assistance
4e. Student participation and/or student benefit The dorms can better be served by the ability to see operational performance data and trends that will lead to prevention of equipment failure.
4f. Future Operating and/or Maintenance Requirements Trending of supplied data.
4g. Additional Comments or Information Pertinent to the Proposed Project NA

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.)

NA

5b. Annual Energy COST Savings (\$)

NA

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

NA

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

NA