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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.htm> for funding guidelines.

1. General Information	
Name of Person Submitting Request : Leslie Mayberry	
Department/Office : Energy Services	Phone # (Office) 615-904-8356
MTSU Box # 32	Phone # (Cell) 615-238-7391
E-mail : les.mayberry@mtsu.edu	Submittal Date 9-18-2019

2. Project Categories (Select One)	
Select the category that best describes the project.	
Energy Conservation/Efficiency	Sustainable Design
Alternative Fuels	Other
Renewable Energy	

3. Project Information
<ul style="list-style-type: none"> <li>a. Please provide a brief descriptive title for the project.</li> <li>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></li> <li>c. List the source of project cost estimates.</li> <li>d. Provide a brief explanation in response to question regarding previous funding.</li> </ul>
3a. Project Title : Insulate pipes(MB,LRC,KOM,ING,DYS,BLH,BAS,MC,COGN and various piping in mechanical rooms on campus)
3b. Project Cost Estimate : \$14,100
3c. Source of Estimate : F & M Insulation
3d. If previous funding from this source was awarded, explain how this request differs? The committee approved 9 of 9 requested in 2012 thru 2018.

**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 insulation on chilled water lines, hot water lines, valve covers and uninsulated duct.

**4b. Scope: Benefit Statement**

Insulation reduces unwanted heat loss or gain and can decrease the energy demands of heating and cooling. Piping insulation can deteriorate over time.

<b>4. Project Description (continued)</b>
4c. Location of Project (Building, etc.) Mcfarland Building, Learning Resources Center, Kirksey Old Main, Sam Ingram, Dyslexia, Co-gen, Black House, Business Aerospace Building, and Murphy Center
4d. Participants and Roles  F & M Insulation is the contractor to perform work.
4e. Student participation and/or student benefit  None
4f. Future Operating and/or Maintenance Requirements  None

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.)

5b. Annual Energy COST Savings (\$) Energy cost savings estimate: \$400-\$600/yr.

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

Maintenance avoided costs estimated: \$300/yr.

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