

MTSU Sustainable Campus Fee Funding Request Form

The Sustainable Campus Fee (SCF) supports projects that advance sustainability at MTSU. This form allows students, faculty, and staff to propose initiatives that contribute to a greener campus through energy efficiency upgrades, infrastructure improvements, education, research, and efforts to enhance campus biodiversity.

There are 5 sections to the application: Section I: Contact Information, Section II: Project Category, Section III: Project Description, Section IV: Project Cost, and Section V: Project Performance Information (For applicable projects).

The Sustainable Campus Fee is administered through a partnership with the Office of Student Affairs, the Center for Student Involvement & Leadership, and the Center for Energy and Sustainability (CES).

Date Wednesday, September 30, 2026

Request Number **SCFR27000094**

1. Name Stacy Smith

Email stacy.smith@mtsu.edu

Phone Number (615) 898-2822

SECTION II: Project Category

Please note that all proposed projects will have to comply with MTSU campus guidelines and recommendations.

1. Select the category that best describes the project. (Select One - See Descriptions Below)

Renewable Energy

CATEGORY DESCRIPTIONS

Energy Conservation/Efficiency - (e.g. installing LED light bulbs, adding insulation to walls, replacing old appliances with energy-efficient models, installing programmable lighting, etc.)

Renewable Energy - (e.g. implementing projects to harness naturally replenishing sources like wind, water, and sunlight to generate electricity - like solar-powered picnic tables, etc.)

Sustainable Transportation - (e.g. installing covered bike racks, replacing fuel vehicles with electric vehicles, etc.)

Alternative Fuels - (e.g. setting up electric vehicle charging stations, implementing hybrid or electric vehicles, purchasing electric or propane power equipment, etc.)

Recycling - (e.g. purchasing recycling bins, improving signage, recycling difficult materials, etc.)

Waste Reduction - (e.g. establishing a reuseable to-go container program, reducing food waste, installing waterbottle filling stations, etc.)

Water Conservation - (e.g. purchasing rain barrels, creating a rain garden, switching to low-flow water fixtures, installing low-flow water valves, etc.)

Biodiversity - (e.g. planting pollinator garden, tree planting, installing bird boxes, etc.)

Education - (e.g. hosting a sustainability fair to raise awareness about green practices, hosting bike repair and/or safety workshops)

Research and Innovation - (e.g. researching the effects of microplastics, solar feasibility study, etc.)

SECTION III: Project Description

Please include as much detail as possible in this section. The more information you provide, the better equipped the adjudication committee will be to fully understand your request and make an informed decision.

To expand a text box, click and drag the two diagonal lines in the bottom-right corner. This allows you to adjust the size and view of your content as you type.

1. Project Title

Solar Picnic Table

2. Scope: Work to be accomplished

This project will provide a picnic table with solar-powered outlets and will be placed in an area where MTSU students, faculty, staff, and visitors will be able to use the tables.

3. Scope: Benefit Statement

This project will bring awareness not only to solar energy but also recycling by using poly-recycled materials in the making of the picnic table. Moreover, each solar umbrella will, at full capacity, generate 295 watts of clean power for the picnic table outlets. This will reduce load on other campus electrical outlets.

4. Location of Project

Corridor between KUC, DSB and SCI

5. Participants and Roles

Kristen Hargis will coordinate with Campus planning and relevant buildings to determine the table's final location. Installation is included in the purchase of the solar table.

6. Student Participation in the project and/or Student Benefit from the project

This project will benefit students by providing a shaded outdoor area to study and a clean way to charge their phones and laptops. The School of Concrete and Construction Management students will be provided with the opportunity to lay the concrete pad for the table.

7. Future Operating and/or Maintenance Requirements

Future cost may include the replacement of batteries and lights for the units. The average battery life is approximately six years.

8. Additional Comments or Information Pertinent to the Proposed Project

If approved, this will be our 6th picnic table on campus. There are 3 between the Honors Building and Bragg, 1 beside the Nursing Building, and 1 beside the Wright Music Building.

Any supporting documents or attachments will be on the pages following the SCF Request.

Note, all projects are expected to be completed by December 31, 2026.

SECTION IV: Project Costs

1. Project Cost Estimate 19550

2. Source of Estimate EnerFusion quote (\$17,405.75); Facilities FCR (\$1,740.58); concrete slab installation (\$403.67).

3. Has previous funding from this source been awarded?

Yes

If Yes, please explain how this request differs from previous funding request.

We maintain five solar-powered picnic tables located across the campus. Three tables are near the Honors Building, one table at Cason-Kennedy, and one table is at Wright Music Building. SCF has funded all the solar tables.

SECTION V: Project Performance Information

If your project is expected to reduce energy consumption (e.g. through lighting upgrades or HVAC improvements etc.), please provide an estimate of potential savings. Feel free to contact the Center for Energy and Sustainability for help making these calculations at ces@mtsu.edu.

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

Each umbrella could save .295 kW per day

2. Annual Energy COST Savings (\$)

Each umbrella could save \$.3363 per day or \$117.71 per academic year.

3. Annual Operating Cost Savings or Other Cost Savings. Specify in dollar amount, if applicable. (\$)

Energy and saving calculations: Finding kW: 295watts = .295kW * 12h = 3.54 kWh per day Finding Cost: (w/electrical cost \$.095/kWh): 3.54 kWh* \$.095/kWh = \$.3363 saved per day per umbrella - \$117.71 saved per year (50 weeks) per umbrella.

4. Matching or Supplementary Funding (Identify and explain, if applicable)

N/A

Acknowledgment

I acknowledge that a project summary and photo must be submitted, if I am awarded funding and upon completion of the project.

Supporting Documentation or Attachments if provided.

ESTIMATE

EnerFusion Inc.
1601 Hults Dr.
Eaton Rapids MI 48827 USA

DATE EXPIRATION ESTIMATE #
9/24/2026 11/14/2025 MTSU-001-26

BILL TO

Middle Tennessee State
University
111 Cope Admin Bldg
Murfreesboro TN 37132 United
States

SHIP TO

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DESCRIPTION	QTY	RATE	AMOUNT
SD-DT-2026 Product Description - (1) Poly Recycled table with seating positions for 8 persons; ADA configuration available upon request (no additional charge) - (2) 110 V/AC GFCI UL listed electrical outlets - (2) USB Type "C" power outlets. Dual-Port High-Speed 48 Watt USB-C Charger Ports * (1) 30W USB C Output: 5V □ 2.4 A / 9V □ 3A / 15V □ 2A / 20V □ 1.5A / 9V□2A / 12V□1.5A * (1) 18W USB C Output: 5V □ 2.4A / 9V □ 2A / 12V□1.5A * Use a USB-C to Lightning cable for Lightning devices with PowerIQ 3.0 fast charging, and use a USB-C to USB-C cable to charge your USB-C laptops. (4) USB type A power outlets - USB and 110VAC outlets powered with 500 watt continuous pure sine wave power with 1000 watt peak surge. (4) Qi 2.2 - 25W enabled "Wireless" charging locations conveniently located on table top surfaces. (2) Canopy mounted ambient LED lights automatically operated at dusk. (2) Canopy mounted high intensity LED lights operated with push button and timer for machine use at night. - Umbrella style canopy. (6) 85 watt solar panels mounted on adjustable canopy (1) 130 watt panel mounted on the roof canopy with aluminum framing for additional support. -640 watt total solar array. - Adjustable angular settings for canopy umbrella for optimal solar exposure on panels - Robust Gel-Cell maintenance free batteries for solar energy storage for machine use day or night. - Visibly mounted solar charge controller with digital readout for display of solar energy production with Bluetooth Connectivity - Custom 2 color printed logo locations on "Sunbrella" awning panels (6) locations - True "Off the Grid" implementation with no required grid tied feed - 3 Year Manufacture Warranty on all parts and craftsmanship: EXCLUDING Batteries (2 Years) -Marine grade wiring. -Stainless steel fasteners. -Structural elements constructed from aluminum and finished with polyester powder coating durable paint to customer specified colors. -Custom branding available on beam surfaces (4) locations available. -Easy to clean surfaces. -WiFi connectivity options available upon customer request. -The "Solar Power Dok" is made in America!			
	1.00	15,585.00	15,585.00
Shipping and Handling Shipped to MTSU	1.00	2,100.00	2,100.00

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DESCRIPTION	QTY	RATE	AMOUNT
Turnkey Installation			
Installed by Enerfusion Inc. Technicians	1.00	500.00	500.00
Re-Order Discount			
Discount for being a loyal customer; 5% off unit pricing and free installation.	1.00	-779.25	-779.25

SUBTOTAL 17,405.75
DISCOUNT

***Purchase Order OR 50% deposit required for production to begin unless prior terms have been made.

TOTAL USD **17,405.75**

***Delivery and installation lead time is 10-12 weeks from receipt of PO or deposit.

*** If not tax exempt taxes will be added to final invoice.