



Rec 2/25/11

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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	
William Harper	
Environmental Science and Tech.	615-948-3423q
<u>Willisontheriver@gmail.com</u>	Feb 25

The goal of this project is to promote energy conservation, efficiency, sustainable design, the development of alternative fuels, renewable energy, etc . . .

3a. Community Fun with Solar
3b. \$1000
3c. http://www.siliconsolar.com/diy-solar-panel-kits.html

4. Project Description

4a. Educate local people, particularly students, in the community on the details of solar panels: how they are made, what they can do, how much they cost. . .

Get young people educated and prepared for mass production or careers in this field.

Get more people access to this great technology.

Improve our environment, in so many different way, by reducing pollution, need for outside fuel sources, and educating.

4b. A community meeting to promote wellness is the supreme use of resources. People need something in times like these. Oil spills, violence, floating plastic islands, third-world countries turned into landfills, water becoming increasingly valuable, and most people in our community do not even know.

We would simply be preparing ourselves in a very simple way. How can we use our computers, charge our cell phones, and potentially power our transportation system in the long run?

A community project building solar panels addresses these issues, indirectly and directly.

4. Project Description (continued)

4c. We could do it in the Park by Bell Street parking lot on a Saturday.

The solar panels could be donated to the community or placed on buildings on campus to charge batteries to run small LED lights in the evenings.

4d. Members of the Students for the Environmental Action could get involved, MTTV could get involved, the Experimental Vehicles Program and The Solar Boat Team and even members of the Greek Community could get involved. The best part is, local people, and students interested in making a difference or science could get involved in this sort of thing, and the knowledge and ideas acquired would play out in future endeavors of these great American Citizens.

4e. Student participation is critical, and even teachers and faculty could get involved. Anyone with knowledge of the subject or without could join. Physics, astronomy, philosophy, social sciences, mass communication majors, anyone could get involved because not only are we trying to get the word out, but we want people to know about how these things work so they can work on them or at least be knowledgeable about them. Education majors would probably benefit a lot from this experience. This is experiential learning.

4f. Very few future concerns exist, other than future learning sessions or future projects. This should be a regular thing, and it shall be on YouTube.

The major hurdle will be organizing all of the future projects. Anything could be built: windmills, bicycles, generators. These are the sorts of projects kids can watch people do on YouTube. They deserve to do them themselves.

4g. This is only one of many. . . Get ready!

It would be incredible to see young people in the community installing these things in their front yards to run their computers and see how much electricity they can harness using a solar panel.

5. Project Performance Information

5a. There would be no immediate financial savings. We would, however, be saving our tails. This is the technology of the future, and Middle Tennesseans do not need to be left behind. There are immense potential future savings.

5b. The cost of this technology and this sort of project is relatively low. We could get at least twenty students a state of the art lesson on solar voltaics, or we could get up to one hundred working in groups of four.

Subject: Community Solar Panel Workshop
From: william harper <willisontheriver@gmail.com>
Date: Fri, 25 Feb 2011 15:57:58 -0600
To: Danny Kelley <dkelley@mtsu.edu>, <cee@mtsu.edu>

Hello,

I would like to request Green Fee Funding for a Community Project/Workshop(s).

I would like to do something like a community picnic, but invite people particularly interested in gaining knowledge about how they could save money and energy using new, and old, technologies.

Thank You,
William Harper

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