

Thank you for inviting me to participate today.

- **I'd like to acknowledge the MATC faculty team who have been closely involved with renewable energy:**
 - **Paul Morschauer (diesel)**
 - **Tom Kaminski (industrial maintenance)**
 - **Jeff Minter (autos)**
 - **Mike Bernhard (electrical apprentice instructor)**
 - **Barb Anderegg (Machine Tool)**
 - **Ken Walz (Chemistry and Engineering)**
 - **David Shonkwiler (Agriscience and Engineering)**



- I'm pleased to be here to talk about our continued involvement and leadership in renewable energy.

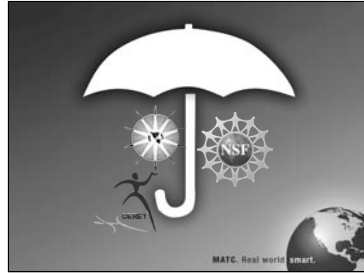
- We've all seen the surge of interest in investment in renewable energy.

- Presidential candidates all support environmental issues, including generating green collar jobs.

- I'd like to cover four areas we've undertaken in curriculum and on-going efforts.

- Three exciting new projects we're involved in.

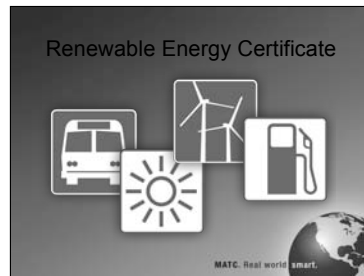
- And three future commitments we've made to renewable energy.



•First, we continue to be a leader in CERET, the Consortium for Education in Renewable Energy Technology.

•We have been a member of CERET for eight years.

•As you know, CERET is funded through a major grant from the National Science Foundation.



Second, we continue to offer a certificate in Renewable Energy

- **Minimum 12 credits of coursework**
- **Online and classroom instruction**
 - * **Transportation**
 - * **Solar electric**
 - * **Solar thermal**
 - * **Wind**
 - * **Biomass**
- **Total students currently enrolled – 72**
- **Most in solar electric/thermal courses**

Third, we're carrying on with our Renewable Energy Short courses

- **Solar electric**
- **Solar hot water**
- **Wind energy**



And fourth, we are continuing with our biodiesel curriculum.

- MATC was first in the nation to pilot this new curriculum from the National Alternative Fuels Training Consortium.**

- In fact, we are the only official Consortium training center for Wisconsin and Minnesota.**

- Beginning this summer, this curriculum will be offered for the fourth time at our college.**

We're currently involved in three innovative new projects

- The first is the development of new curriculum for a class in hybrid electric vehicles.**

- Will include maintenance and repair.**

- Curriculum being designed by automotive faculty.**

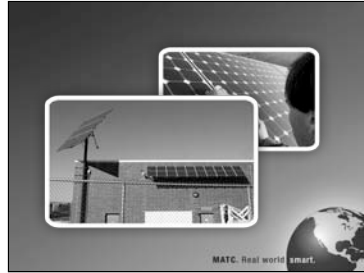


The second new project is a solar bus shelter to be dedicated April 18, two days before Earth Day

- Solar energy will power its LED lights**
- Heat floor tiles**
- Extra electricity sent back in our master power grid**

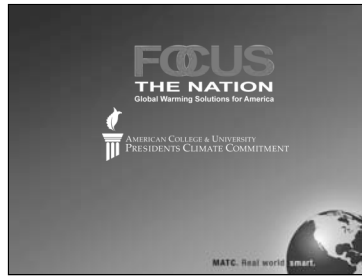
The third new project is located at our Portage campus

- Campus is equipped with solar thermal collectors**
- 2,200 square feet of surface area**
- Produces about 5,000 therms of energy each year**



We have three other commitments to renewable energy.

- **First, renewable energy and energy efficiency are key components of our facilities master plan.**
- **The planning group we've selected to implement the plan have a lot of experience in "green" buildings.**



•Second, MATC was the first Wisconsin technical college to sign the American College & University President’s Climate Commitment at the inaugural event in Washington D.C. last June.

•And third, as did most of you, MATC participated in national Focus the Nation “teach-in” event in January.



•Thank you!

•Very interested in hearing others' renewable energy programs and projects

