

## august/september\_2009\_edition

monthl-e-newsletter

OSU SOLAR DECATHLON TEAM 09'



## The Team at The Ohio State Fair

Earlier this month, members of the Solar Decathlon Team manned a booth at the Ohio State Fair in order to educate the public about our project. Our goal was to increase interest around the project by demonstrating some of the technologies we have integrated into the house – it was a great success! On display were some of the main features of the house including an Apricus model of the solar thermal evacuated tube system we are using, a mockup of the walls and ceiling filled with the Owens Corning Energy Complete insulation, and one of the Sanyo HIT bifacial photovoltaic panels. Everyone we talked to was very eager to learn about our project and the photovoltaics were a huge hit! All the students had a great time while presenting our project to the public – thanks to all of you that stopped by!

## Construction Update

Throughout construction in August, representatives from Owens Corning were on site to help us finish sealing the house. They were also able to fill the walls with their new spray foam Energy Complete insulation.

The translucent polycarbonate panels on the south side of the house are complete thanks to the help of Architectural Products Sales Co. The team is very appreciative of their donation and fabrication of the aluminum extrusions and trim pieces for the window openings.

The underbelly of the house was been completely finished off with a layer of plywood to ensure safe transport from Columbus to the Solar Decathlon competition in Washington, D.C. Lastly, the east and west facades have been installed with operable louvers constructed from oak strips. Each end of the house now has four units which pivot to allow a wide range of configurations based on the sun and/or the activities going on inside the house.



## SD in the News

Ohio News Network TV recently featured the OSU Solar Decathlon Team on the construction site! In case you missed it, view the article and a video of the report on the 10TV website:

[http://www.10tv.com/live/content/onnews/stories/2009/08/13/green\\_ohio\\_solar.html?sid=102](http://www.10tv.com/live/content/onnews/stories/2009/08/13/green_ohio_solar.html?sid=102)

