



Ypsilanti Food Cooperative Bakery
312 N. River Street
Ypsilanti, Michigan 48198
734-483-1354
Grant PSC-09-27

April 1, 2009 through May 31, 2009

Complete Task

- 20% Installation of Solar panels at Bakery
- 70% Utility meter reading program
- 70% Building of solar.ypsi.com website
- 30% Solar educational outreach

Progress over the past two months

We have put the rack design on hold for now and have focused on the electrical work and the monitoring program and website. Volunteers Nik Estep and Professor William Sverdlik have spent a lot of time getting the monitoring program working. We have reserved the domain name SolarYpsi.com and have the website up and running and the monitor program running for the currently installed system at the Ypsilanti Food Cooperative. You can see the real time graphs for this system at:

<http://solar.ypsi.com/index.php?siteDetails=foodcoop>

Once the Bakery system is online, we'll be able to clone this monitoring system for the Bakery.

We have also sent out a request for quote to four electricians for the wiring of the solar power into the bakery electrical system. Only two electricians submitted bids and we selected the lower quote from Neff Mechanical. The electrician has already pulled the electrical permit and visited the site. Last week we started work by cutting a hole in the wall where the inverter will be placed and attached the inverters mounting brackets.



We continue to give solar presentations. On April 16th we gave presentations at Washtenaw Community College during their Earth Day event. Seventeen people stopped to hear our presentation and signed our attendance sheet while many more walked by and caught a glance of our booth. We have a new volunteer trained for giving solar presentation. Hans Steiner has already given his first presentation at the Ypsilanti Food Cooperative on May 30th with three people attending. He has schedule talks at Whole Foods, REI, and the local libraries. Volunteer Adam Chase will be giving solar presentations to the 4th and 5th graders at Estabrook School in Ypsilanti.

Anticipated energy saving

The Cooperative's Bakery will not see any energy savings until the solar panels are online. Once the utility meter-reading program is working, we'll be able to see the energy delivery to the buildings and any energy conservation.

Expenditures compared to budget

None.

Noteworthy Accomplishments

We made progress on the utility meter reading program and website.

Inverter mounting bracket installed.

Risk to the project

The first design and quote for the rack for the roof is more expensive then estimated. We continue to look at alterative designs.

Deviations from the Statement of Work

None.

Money Spent in the Past Two Months

None.

Submitted by Dave Strenski and Corinne Sikorski