



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

August 1, 2010 through September 30, 2010

Complete Task

- 95% Installation of Solar panels at Bakery
- 90% Utility meter reading program
- 90% Building of solar.ypsi.com website
- 100% Solar educational outreach

Progress over the past two months

The Uni-Strut steel has arrived and we have assembled the rack for the solar panels.

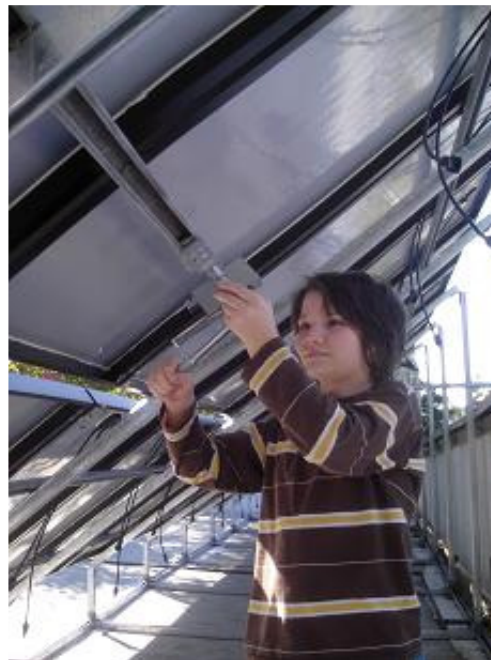


We had several volunteers to help carrier the Uni-Strut up on the roof and bolt it together. The assembly went smoothly and it was up in one day.

The following weekend we had a different group of volunteers help carrier the solar panels up on the roof and bolt them to the rack. This too went very smoothly and we had all the panels installed in one day.



Other volunteers helped with the conduit and wiring of the panels. This was done the following weekend and off-and-on during the week after work.



The solar panels are fully installed and the conduit and wire are finished. We have DC voltage to the inverter. The electrician has come and started the work needed to connect the power from the inverter to the building power system. Once the electrician is finished, we'll need to get an electrical inspection from the City and then we'll be able to have DTE Energy come out and connect us to the utility grid.

The Display computer has been ordered and has arrived. We still need to mount the monitor on the wall and program the computer to display the bakery's energy graphs.

We have completed all our educational outreach for this grant and have exceeded our expectations with the number of people we have reached. On August 26 Dave gave a talk at the local Ypsilanti District Library as part of the Rebuild Ypsilanti program. We had about 50 people attend the talk, which was very well received with lots of follow up questions. Dave had a follow up one-on-one with Brian Ellison of Dawn Farms (dawnfarm.org) to talk about a solar installation at their location. The National Solar Tour (nationalsolartour.org) was October 2nd and we had solar presenters at both the Ypsilanti Food Coop and Ypsilanti's City Hall, with about 10 people visiting each location. Dave also presented at Concentrate's Speaker Event: Going Green in Ann Arbor. (concentratemedia.com/features/speakerevent6-092310-0118.aspx) About 50 people showed up for that event and it too was well received. That event was recorded and we hope to get a copy posted on the SolarYpsi.org website. Lastly, we were approached by a movie company making a film about solar installations across the nation for SEIA the Solar Energy Industries Association (seia.org). They stopped by while on their road trip and filmed our bakers talking about solar power. You can see the movie clip they made at the SolarYpsi blog posting. (SolarYpsi.org/blog/?p=107) These webisodes will be merged into a movie that will be shown nationally.

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

We believe we have purchased everything we will need to complete the installation, and during the months of August, September and October we spent \$7,459.01, with details to come in our final report.

Noteworthy Accomplishments

The solar panels are installed and wired.

Risk to the project

With the panels installed and wired there is very little risk to the project. The only concern would be whether we can get the final inspections and DTE Energies' approvals before the end of grant period, October 31.

Deviations from the Statement of Work

None.

Money Spent in the Past Two Months

\$7,459.01

Submitted by Dave Strenski and Corinne Sikorski