



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

June 1, 2010 through July 31, 2010

Complete Task

- 50% Installation of Solar panels at Bakery
- 80% Utility meter reading program
- 80% Building of solar.ypsi.com website
- 75% Solar educational outreach

Progress over the past two months

We sent out a request for bids for structural engineering to three local engineers: Chuck Hookham, Steve Rudner of Robert Darvas Associates, and SDI. Bids were received very quickly from all three, and we chose to work with Chuck Hookham, who provided the lowest of the bids.

We have met with Chuck, but he had not completed the review by the end of July. He has told us that the basic design is good, but that he's still looking at wind loads and how the rack is attached to the roof. We had designed the rack to be held on the roof with weights and cables. We didn't want to make penetrations into the new rubber roofing material. We have asked the engineer whether we could get started at building the rack while he finishes studying the roof attachments.

As we wait for the finished design, we started to run some of the conduit needed.



As seen in the pictures, we have run conduit from the inverter, through a 12” concrete/wood wall and outside, then up the back wall towards the roof.

On June 22, Corinne attended the Historic District Commission meeting to request approval of the solar panel installation on the roof of our building. Because we are in a registered historic district, the commission must give their approval for any exterior work. The HDC gave their approval, with a stipulation that the design meet the approval of our structural engineer.

We continue to work on the educational outreach. Nik Estep was able to embed a copy of the YouTube video on the SolarYpsi.org website under the presentation tab. (SolarYpsi.org/index.php?page=presentations) Dave Strenski had a one-on-one talk with both Bonnie Bona and Joshua Brugema at the Clean Energy Coalition. Bonnie would like Dave to speak at the next Ann Arbor HDC (Historic District Commission), August 12, to support placing solar panels on the Historic Michigan Theater. They will be using an awning design similar to what was used on Ypsilanti’s City Hall. Joshua would like Dave to give a solar talk at the next rebuild Ypsilanti meeting on August 26. (www.cec-mi.org/PROGRAMSERVICES/RebuildYpsilanti/tabid/75/Default.aspx)

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

None.

Risk to the project

Worried that we are starting to fall behind schedule on the project.

Deviations from the Statement of Work

The decision to hire a structural engineer was not a part of the original plan, but as time went on, it seemed that assuring the integrity of the building and roof was very important. So, a change was requested which also incurred a revision to the budget, which was agreed to by the Grant facilitators and the DLEG.

Money Spent in the Past Two Months

None.

Submitted by Dave Strenski and Corinne Sikorski