



Ypsilanti Food Cooperative
312 N. River Street
Ypsilanti, Michigan 48198
734-483-1354
Grant PSC-08-31

March 1, 2010 through April 30, 2010
Report by Dave Strenski

Complete Task

- 100% Expansion of Solar installation at Cooperative
- 100% Installation of Solar panels at City Hall
- 100% Utility meter reading program
- 100% Building of SolarYpsi.com website
- 100% Solar educational outreach

Progress over the past two months

We have finished all the tasks for this grant. The solar panels are installed and operational at both the Ypsilanti Food Cooperative and Ypsilanti's City Hall. Both systems are commissioned by DTE Energy and the energy monitoring program is also in place.

<http://SolarYpsi.org/index.php?siteDetails=foodcoop>



Ypsilanti Food Coop Site Details

[Daily Chart](#) [Weekly Chart](#) [Yearly Chart](#) [Monthly Usage Chart](#) [Ypsilanti Food Coop Details](#) [Ypsilanti Food Coop Files](#)

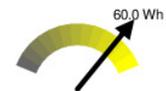
Select a Site for Details

Current Weather Conditions

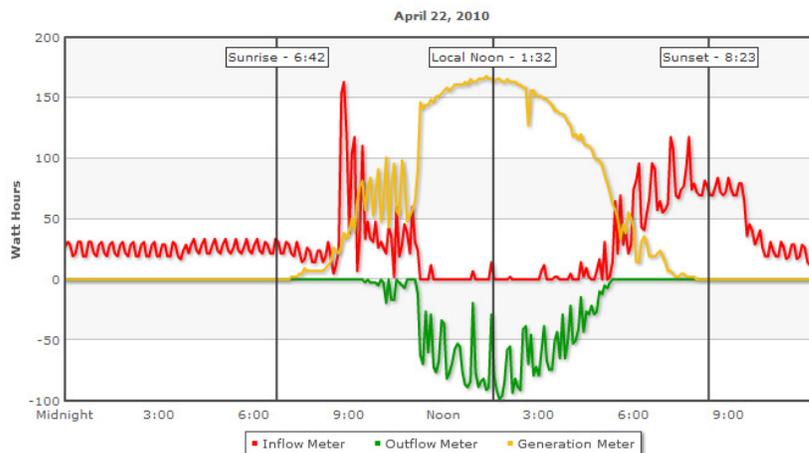


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Current Generation Citywide



Money Saved
\$167.62

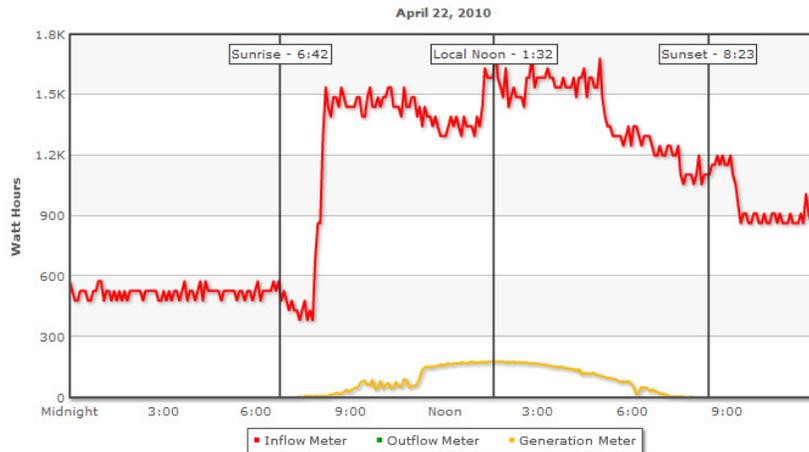




Ypsilanti City Hall Site Details

- [Daily Chart](#)
- [Weekly Chart](#)
- [Yearly Chart](#)
- [Montly Usage Chart](#)
- [Ypsilanti City Hall Details](#)
- [Ypsilanti City Hall Files](#)

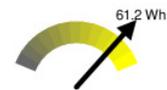
Select a Site for Details



Current Weather Conditions



Current Generation Citywide



Money Saved \$167.63

The two screen shots above are from the SolarYpsi.org website and show the typical power usage and generation at both locations. Recall that the solar installation at the Cooperative is only for one part of the store and so we are able to export power daily and bring it back in later for free. City Hall's power usage represents the whole building, four floors of office space, so as expected the solar installation is supplying only a small fraction of the power for the building. However, we are hopeful that with a bit more conservation, City Hall might be able to export power on the weekend, when the building is closed and the sun is shining.

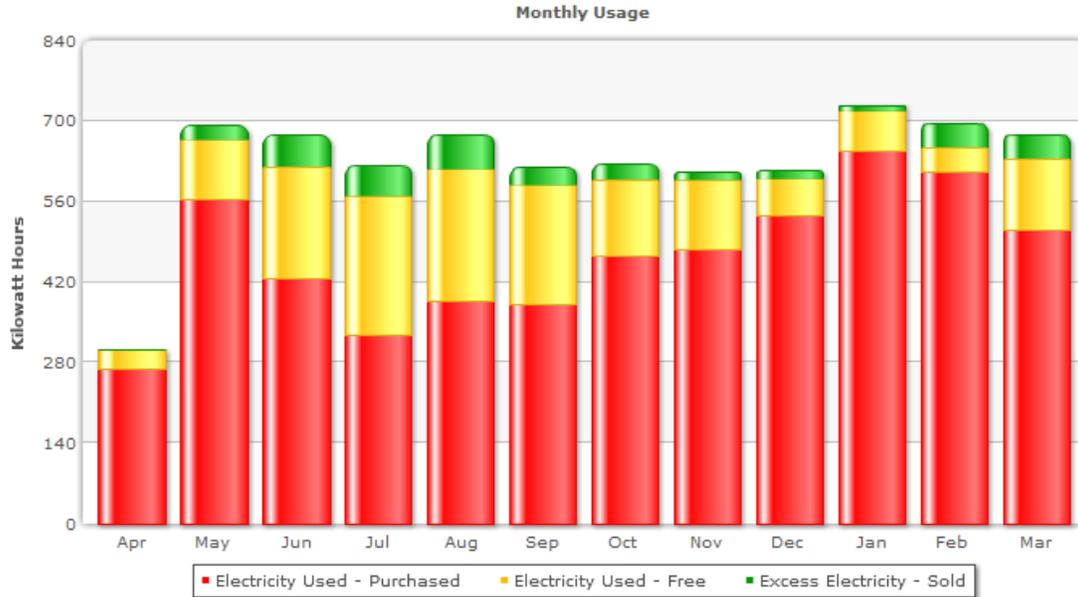
The only task left to do is to write the final report and the final budget numbers. We hope to have that finished within a few weeks.

We are also working on a formal dedication of the City Hall system and a presentation for a future City Council meeting.

We had one solar presentation during this period at the Canton Public Library. Unfortunately we only had 4 people attend this presentation, but had a very in depth discussion with one couple that is interested in installing solar power on their house.

We were also published on Mark Maynard's blog "Ypsi Solar City Hall update" <http://markmaynard.com/?p=8290> and on Concentrate website "Ypsilanti City Hall solar panels begin generating electricity" <http://www.concentratemedia.com/devnews/ypsilanticityhallsolarpanels0096.aspx>

Anticipated energy saving



The Cooperative is now benefiting from the additional solar panels on the roof. Above is a bar chart of our monthly power usage and the percentage coming from the solar panels.

| | |
|-----------|-----------|
| May | 102.4 KWH |
| June | 194.5 KWH |
| July | 241.0 KWH |
| August | 229.1 KWH |
| September | 208.0 KWH |
| October | 133.6 KWH |
| November | 122.7 KWH |
| December | 63.7 KWH |
| January | 70.3 KWH |
| February | 43.6 KWH |
| March | 124.6 KWH |

Expenditures compared to budget

\$55.62 was spent during this period for a wireless card and extension cord for the display computer at City Hall.

Noteworthy Accomplishments

Done!

Risk to the project

None .

Deviations from the Statement of Work

None.

Money Spent in the Past Two Months

\$55.62 was spent during this period for a wireless card and extension cord for the display computer at City Hall, so we will need to add this to our financial reporting. That will complete our project, so we will be requesting our full amount of reimbursement once we have all of the required receipts and are able to write the final report.

Submitted by Dave Strenski and Corinne Sikorski