

**Michigan Sustainable Homes & Businesses Tour  
Part of the ASES National Solar Tour**

October 10, 2009

10 am - 4 pm

The solar tour is **free** and **self-guided**. Visit as many sites as you would like from 10am to 4pm, in any order that you would like. Enjoy the good energy, and have fun!



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## ***Grand Rapids Area Tour***

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### **Calvin College Bunker Interpretive Center 1750 E. Beltline Ave SE, Grand Rapids, MI**



The Bunker Interpretive Center is on the East side of the campus of Calvin College at the Ecosystem Preserve. It serves as a home base for programs, a study center for the college community, and an educational resource for the general public visiting the preserve. Included in that space are a laboratory classroom, a multi-purpose room, and a display hall.

#### **Directions:**

**From the south:** Drive north on the East Beltline, past Burton Street. When you pass under the overhead walkway, watch for an exit lane on the right. Exit the Beltline and drive straight in to a circular parking area. The BIC is down the paved path east of the parking area.

**From the north:** Drive south on the East Beltline past Lake Drive, and exit at the first opportunity to the right. Make a left onto a campus road, and left again at the next intersection. Go under the Beltline, then left at the fork. Continue until you see the circular BIC parking area on your right.

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### **East Grand Rapids Library 746 Lakeside Dr. SE, East Grand Rapids, MI 49506**



The East Grand Rapids Community Center, remodeled and expanded in 2005-2006, was built with recycling and sustainability as a priority. Not only were materials and building part of the thinking, but the architecture considers heating and cooling issues to minimize utility costs. The Community Center is LEED's certified. The Community Center is also equipped with solar panels on the roof. While they do not generate all the power needs of the Community Center, they contribute to a more green building. A part of the Community Center is the Wege Plaza off the back of the building. The Plaza is a green roof, composed of flower beds and pavers of recycled rubber. The Plaza helps minimize the effect of run off water on Reed's Lake.

[Map to branch](#)

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### **Swanson Home**

**109 32nd ST. SE. Wyoming, Michigan 49548-2218**



We have incorporated pv technology into our private residence through several unique systems. One system features a stand alone Sun Saver DC freezer powered by a garage roof-mounted Michigan-built 256-watt Uni Solar array. The second is a prototype residential 530-watt solar shutter system that was developed to prove the workability and marketability of this concept. The solar shutter system powers various appliances in the residence along with lighting to help offset power used from the grid.

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**Traditions Condominium Project**  
**7584 Hometown Ct 49316 Caledonia, MI**



This 1633 square foot condo home is located in the Traditions Condominium Project in Caledonia, Michigan at 7584 Hometown Ct, 49316. The home is just completed and is not yet occupied. It features a 3.5KW thin cell solar array on the metal south facing roof utilizing Unisolar PV units coupled with a SMA inverter. It is anticipated the solar array will generate approximately half of the LEED certified home's electrical needs. In addition, other construction features include a frost protected shallow foundation system, tankless hot water heater, high R insulation throughout, all CFL/ LED lighting, and an electric fireplace. The "bungalow" style home features 1 bedroom plus den on main floor and two bedrooms plus bath on upper floor, and is attractively priced at \$199,785.

Click [here](#) for a Google map.

**Great Lakes Renewable Energy Association**

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