

2006 Minnesota Solar Tour

October 7, 2006

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Skally Management

622 Grand Avenue
St. Paul, MN

Solar hot water heating system located on top of a 24-unit residential apartment building tied into regular hot water heater. The goal is to produce enough hot water to reduce gas use by 800 therms a year.

System Components



- 8 roof-mounted 4' x10' solar panels
- 1 flat-plate heat exchanger
- 2 120-gallon storage tanks
- 2 pumps (one for the water in the tanks and one for the glycol in the solar panels)
- Controller that turns the system on if there is a 15-degree difference between the water temperature and the glycol in the solar panels

Directions

From I-94, take the Dale Street exit. Take Dale south to Grand Avenue. The apartment building is located on the southeast corner of Dale and Grand.

