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## Sunflower 1 Timeline

### November 2013

- ✦ Members presented the concept of an 88.5 kW community solar garden on Co-op property via bill inserts and monthly member newsletter.
- ✦ Support/interest is sufficient to move forward.

### January, February 2014

- ✦ Five member information sessions hosted around the county. Payments for subscriptions (\$1,350 per 500-watt unit) also taken at meetings.
- ✦ A pressure test by SCEC crews (2/12/14) determines soil is firm enough to support an array that will withstand 90 mph winds.

### Feb. 28, 2014

- ✦ Subscription down payments (\$350) due.
- ✦ Member interest surpasses original 88.5 kW goal. Size of the array expands to 103 kW.

### April 2014

- ✦ April 1: Final payment due on subscriptions.
- ✦ Final count: 120 SCEC members subscribe to 206, 500-watt units = 103,000 watts (103 kW) array
- ✦ April 7: SCEC Construction Services Coordinator Brian Ferg and Line Superintendent Rob Dooley survey and stake the overall array site.

### May 2014

- ✦ May 6: Anchors delivered.
- ✦ May 19 & 20: Panels delivered.

### June 2014

- ✦ June 5-6: M.H. Construction (Hammond, Wis.) begins site excavation.
- ✦ June 10: AC/a - Auth Consulting Associates (Menomonie, Wis.) survey sites for 116 anchors.
- ✦ June 12-13: SCEC journeyman linemen install 116 anchors and only run into one boulder.
- ✦ June 16: SCEC line superintendent with M.H. Construction digs trench and installs tubing for conduit, which will connect the two sections of the array.
- ✦ June 26-27: M.H. Construction installs cloth barrier over site, covers with rock.

### Panel Installation


- ✦ June 30-July 2: Viking Electric (Spring Grove, Minn.) on-site installing racks and panels and wiring the array. Viking Electric was contracted by Winona Renewable Energy (Winona, Minn.) to complete the project.
- ✦ July 2: SCEC crews install underground connection from transformer to service panel on west end of the array. First inspection successfully completed.
- ✦ July 7: Final wiring completed.
- ✦ July 8: Final inspection completed, array energized.

*continued on pg. 2 (in photos)*

## Sunflower 1 Timeline in Photos

Photos courtesy St. Croix Electric Cooperative and, among others, are available upon request: [danab@scecn.net](mailto:danab@scecn.net)


November 2013

 **St. Croix Electric Needs Member Feedback!**  
St. Croix Electric is on the cusp of being the first Cooperative utility in Wisconsin to offer its members the opportunity to purchase fractional ownership in a large-scale commercial solar array. Members would be able to purchase 500-watt panels in the project and have the energy from their panel credited to their electric bill each month. But we need member support before this can become a reality. Members who do not participate will not see any changes to their bills.

I choose not to participate, but approve of St. Croix Electric constructing an 80 kW solar garden on Co-op property.  
 I am interested in the project. Please contact me when more information is available.  
 I'm in! I would consider purchasing (circle one) 1 2 3 4 5 units at a cost of \$1,200 each.

Member Name(s): \_\_\_\_\_  
Account#: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

Please return completed survey to SCEC at 1925 Ridgeway St., Hammond (54015) or email feedback to [communications@scecn.net](mailto:communications@scecn.net).



June 12, 2014: Anchor Installation



February 12, 2014: Pressure Test



July 1, 2014: Panel Installation



June 5-6: Site Excavation



July 8: Final Inspection, Array Energized

