
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

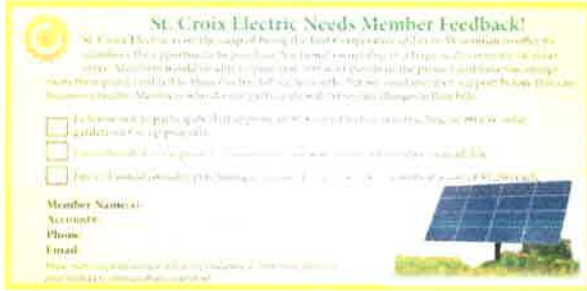
- ✦ June 30-July 2: Viking Electric (Spring Grove, Minn.) on-site installing racks and panels and wiring the array. Viking Electric was contracted by Winona Renewable Energy (Winona, Minn.) to complete the project.
- ✦ July 2: SCEC crews install underground connection from transformer to service panel 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

November 2013



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

