



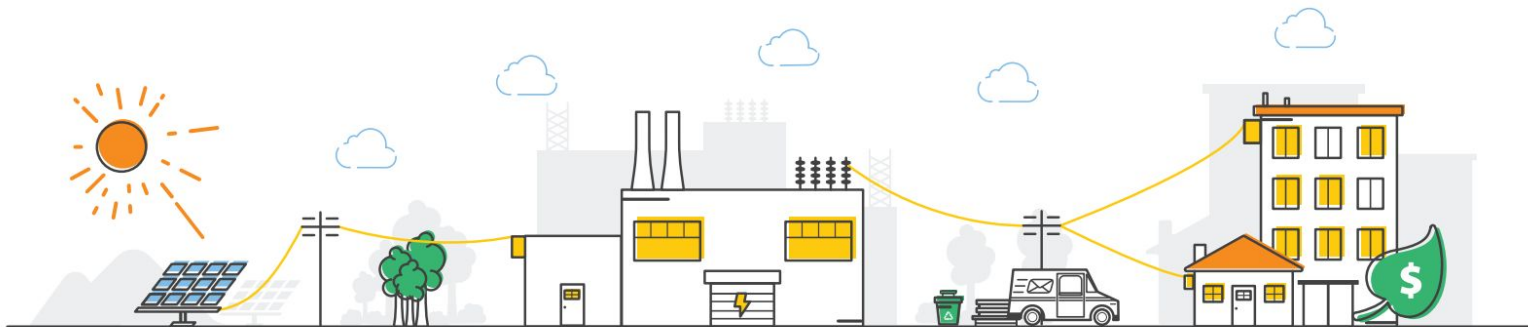
SUNSHARE
NEW HARTFORD TOWNSHIP BOARD MEETING:
DAKOTA SUN
3/14/24



ABOUT SUNSHARE & COMMUNITY SOLAR

- SunShare was founded in Colorado in 2011.
- Oldest operating community solar developer in the nation.
- Experience in Minnesota dating back to 2013 when the community solar program started.
- Owner and operator of projects - we ensure quality throughout the life of the system.
- Project supports local labor and job force training, including prevailing wage.
- Community solar provides clean energy to households that are unable to install it themselves.
- Customers receive a discounted electricity rate from SunShare for signing up.
- Over half of the project's output will benefit low and moderate income households.

HOW SUNSHARE COMMUNITY SOLAR WORKS



GARDEN HARNESSES SOLAR ENERGY

Solar panels in nearby solar gardens harness energy from the sun.

GARDEN DELIVERS ENERGY ONTO UTILITY GRID

The energy generated by the solar garden is distributed onto your utility's grid, supplementing their power supply with clean, renewable solar energy.

UTILITY CONTINUES TO POWER YOUR HOME

Your utility provider continues to deliver power to your home.

RECEIVE BILL FROM SUNSHARE

SunShare sends you a monthly bill that reflects the amount of solar energy your subscription produced on your behalf.

RECEIVE CREDITS FROM UTILITY

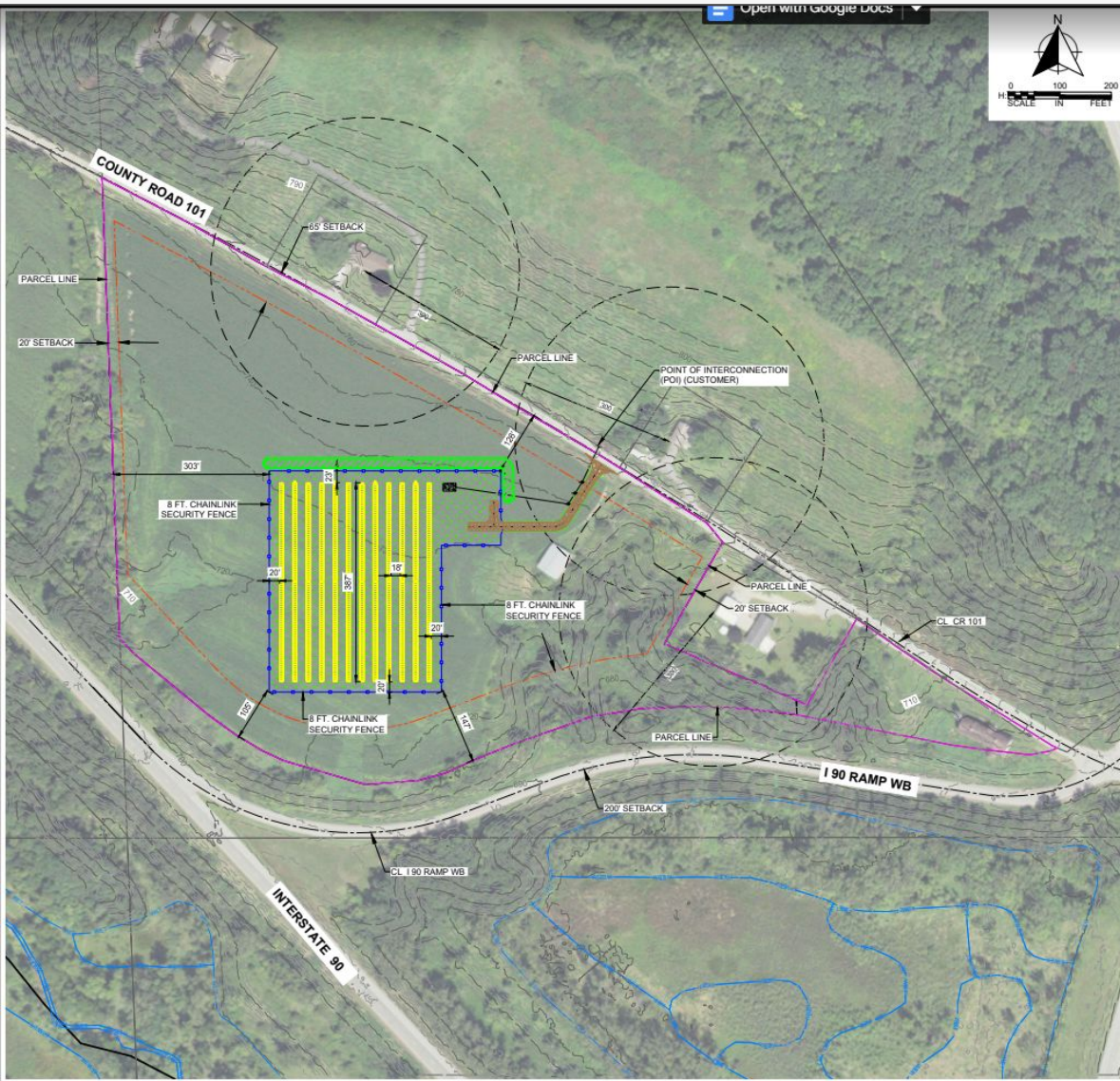
Your utility reimburses you for the amount of energy your subscription contributed to the grid.



ABOUT THIS PROJECT

- PID: 08.000.0150, Dakota, MN 55925
- ~ 3 acres of a larger 20 acre parcel.
- Ready for construction in 2025.
- Interconnection study complete with the utility.
- Connects to existing distribution lines.
- Vegetative screening around north perimeter.





WHY THIS LOCATION?

- Proximity to substation
 - Distribution lines present
- Community benefits through new Department of Commerce program supporting low to moderate income households



ADDRESSING COMMON CONCERNS AND QUESTIONS



WILL THE ARRAY PRODUCE GLARE ?

- Current solar modules reflect about the same amount of light as a standard window, or roof shingles
- The solar photovoltaic (PV) modules we use have non-reflective glass and are designed to absorb rather than reflect the light





WILL THE ARRAY IMPACT WILDLIFE?

- We install 8' game fences per MNDNR recommendation and NEC requirement – these keep animals safely outside of the array
- We conduct several levels of wildlife surveys prior to construction to insure minimal wildlife impact
- Projects support pollinator friendly vegetation and now incorporate dual-use concepts



How Loud is a Solar Array?

- A solar array emits approximately 58 decibels of noise. A library is, on average, 50 decibels.
- At 150 feet, no noise can be heard over ambient area noise

Stray Voltage?

- For many of our SunShare projects in MN, we test prior to construction as a baseline and once facility is operational.

Will there be lighting disturbances?

There will be no lighting onsite, so there will be no additional light pollution at night

What happens when the project is deconstructed?

All solar equipment will be removed and recycled. Per County requirements, we will also post a bond.

Will the array add more traffic to the area?

Once operational, the array will contribute two vehicles on a quarterly basis for maintenance



THANK YOU

