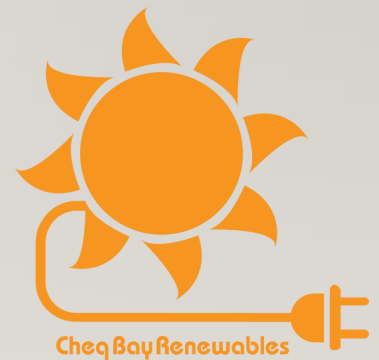




BAYFIELD COUNTY

SOLAR IN YOUR COMMUNITY – PAST, PRESENT & FUTURE



BAYFIELD COUNTY JAIL & COURTHOUSE ANNEX



BAYFIELD COUNTY WASHBURN HIGHWAY GARAGE



BAYFIELD COUNTY GARAGES

FORESTRY GARAGE



MASON GARAGE



COMMUNITY SOLAR



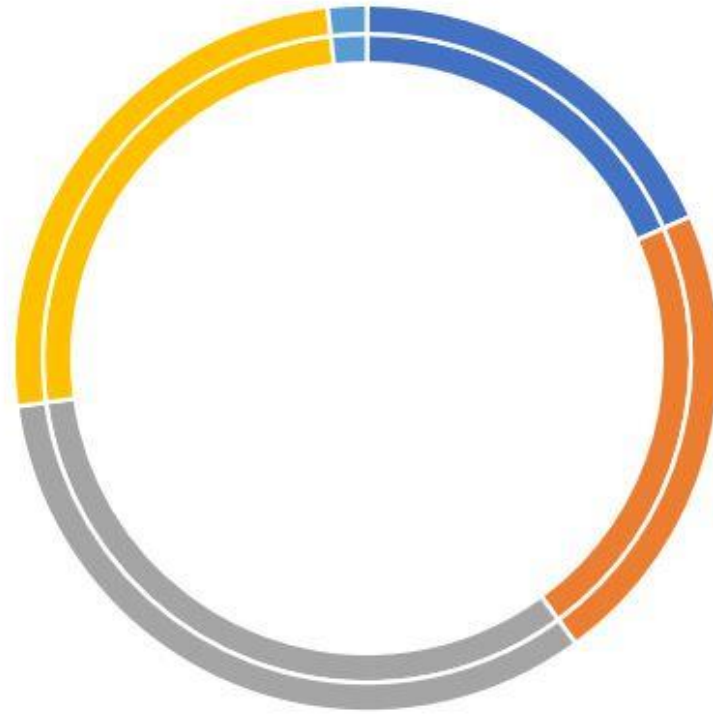
Xcel Energy Community Solar Garden



Bayfield Electric Community Solar Garden



100% Carbon-free Electricity



■ Self-generated Solar PV

■ Community Solar

■ Carbon-free energy in utility generation mix

■ Renewable*Connect

■ Other Utility Green Program



OFFICE OF THE GOVERNOR

CERTIFICATE OF COMMENDATION

HONORING
BAYFIELD COUNTY

WHEREAS, in 2008, Bayfield County adopted the Wisconsin Public Service Commission's 25 x 25 plan toward the goal of sourcing 25 percent of electricity and 25 percent of transportation fuels from renewable energy sources by the year 2025; and

WHEREAS, throughout the past decade, Bayfield County has implemented a wide range of energy conservation, alternate energy, and renewable energy projects designed to reduce the county's energy consumption and carbon footprint in concert with Cheq Bay Renewables; and

WHEREAS, in 2018 and 2019, Bayfield County purchased 190 kilowatts from the Xcel Energy Ashland Solar Garden and installed over 140 kilowatts of solar at the Bayfield County Jail and Highway Garage in coordination with Focus on Energy and the Wisconsin State Office of Energy Innovation; and

WHEREAS, in 2019, Bayfield County used 986,700 kilowatt-hours of electricity, of which 74% will be carbon-free in 2020, and this year, 2020, Bayfield County has committed to participating in renewable energy programs made available by Xcel Energy and Bayfield Electric in order to reach 100% Carbon-Free Electricity for Bayfield County facilities;

NOW, THEREFORE, I, Tony Evers, Governor of the State of Wisconsin, hereby recognize Bayfield County's community-wide focus on renewable and carbon-free energy production, as well as the progressive mix of renewable and carbon-free energy offered by Bayfield County's utilities.



DONE AT THE CAPITOL IN
THE CITY OF MADISON THIS
25th DAY OF FEBRUARY 2020.

Tony Evers
TONY EVERS
GOVERNOR



COMMUNITY-WIDE RENEWABLE ENERGY PROJECTS IN BAYFIELD & ASHLAND COUNTIES SINCE 2018

State Investment	\$ 2,000,000
Federal Investment	\$ 1,700,000
Community Investment	\$ 6,300,000
Total Projects Cost	\$ 10,000,000

Bayfield County,
BART & Xcel

First EV DC Fast
Charger in Northern
Wisconsin



CURRENT PROJECTS:

SOLAR PLUS STORAGE – MICROGRIDS

1) JAIL/COURTHOUSE 2) WASHBURN HIGHWAY GARAGE



- EV charging at Washburn Garage
- Power in emergency situations
- Demand response and control
 - Utility bill saving
- Real-time interface with grid

Energy Tracking:
 Red – electric usage
 Green – solar PV



Bayfield County Jail

[View](#) | [LAN Access](#) | [Tools](#) | [Settings](#) | [Help](#)

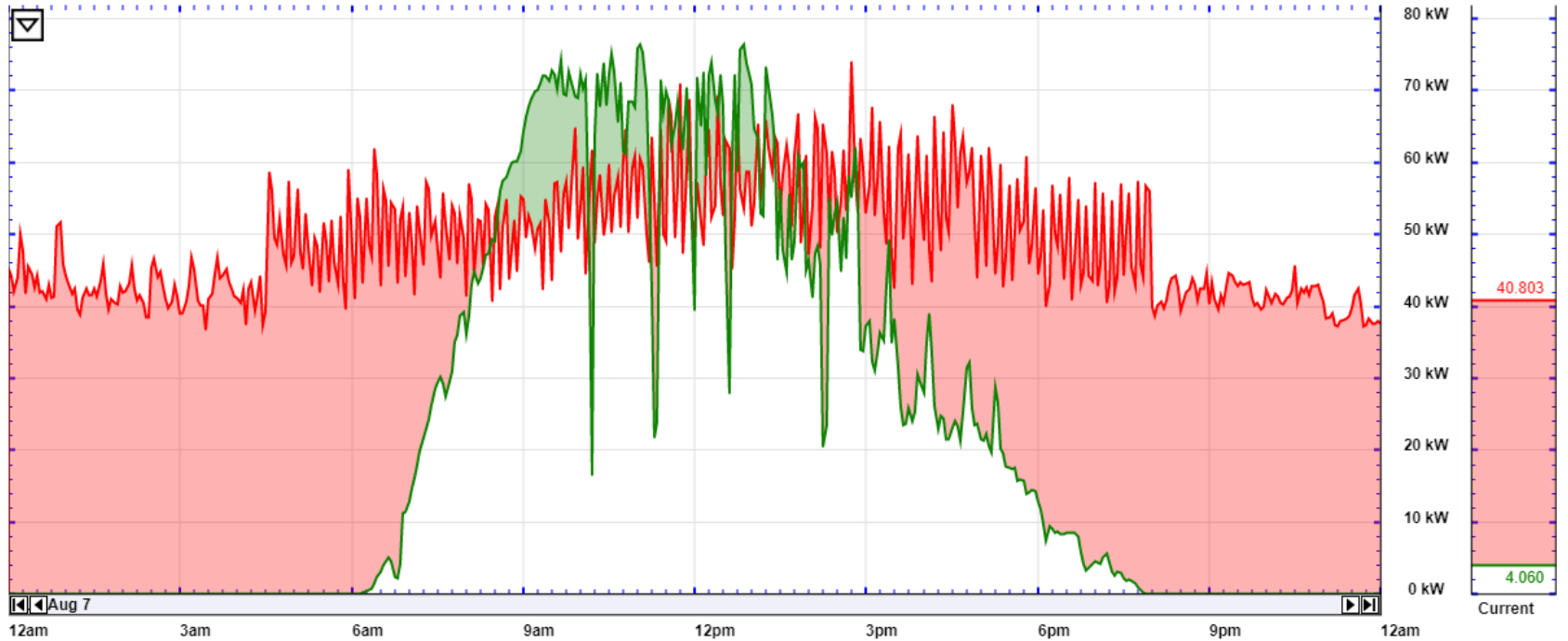
8/7/2022 12:00am – 8/8/2022 12:00am

Summary for time-period shown in graph

Energy Used	1.18 MWh	(approx. \$100.18 used)
Energy Generated	534 kWh	(approx. \$45.35 saved)
Net	645 kWh bought	(approx. \$54.83 spent)

Summary over last 30 days

Energy Used	43.4 MWh	(approx. \$3,688.75 used)
Energy Generated	13.6 MWh	(approx. \$1,158.58 saved)
Net	29.8 MWh bought	(approx. \$2,530.17 spent)



<input checked="" type="checkbox"/> Power used	<input checked="" type="checkbox"/> Energy from grid	<input checked="" type="checkbox"/> Power generated	<input checked="" type="checkbox"/> Energy to grid
<input type="checkbox"/> Grid gen./use	<input type="checkbox"/> Register 1 gen./use	<input type="checkbox"/> Register 2 gen./use	<input type="checkbox"/> Register 3 gen./use
<input type="checkbox"/> Solar Production gen./use	<input type="checkbox"/> Toggle all/none		

PROJECT HIGHLIGHT: NORTHERN LIGHTS SOLAR PROJECT

- Public/private partnership (\$173,800 Total project cost)
 - Focus on Energy
 - Special Sector (\$34,000)
 - Save to Give (\$4,200)
 - Solar for Good (\$36,800)
 - Nokomis Energy (\$11,275)
 - Community donations (\$22,500)
 - Memorial Medical Center (\$2,500)
 - NLS Capital (\$65,025)

NORTHERN LIGHTS SOLAR PROJECT

- 21% funded through WI PSC (Focus on Energy)
- 41% funded through private donations
- 38% funded through NLS capital
- Payback on NLS capital 4.4 years

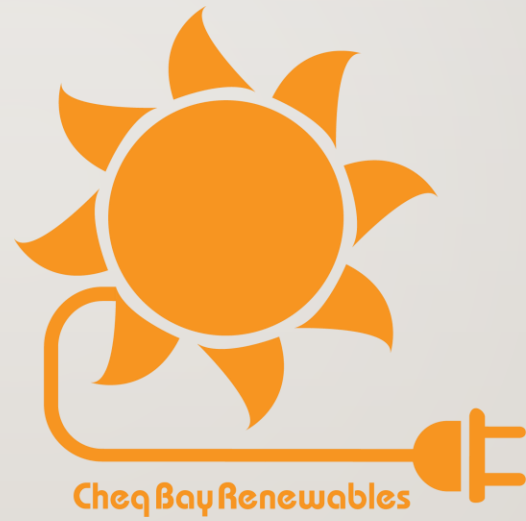


COMMUNITY/COLLABORATION



WI 2021 Top Rural Development Initiative – WI State Rural Development Council

Thank you



The Norvado logo icon is positioned on the left side of a white rectangular box. The background of this box is a light green topographic map pattern. The logo icon is dark green.

Chad T. Young
CHIEF EXECUTIVE OFFICER

