



NORTHWIND SOLAR
www.northwindRE.com



PROJECT STUDY

Daigle Brothers Inc.
Tomahawk, WI

Project Objectives:

- ✓ Energy cost savings
- ✓ Offset 100% of current energy usage
- ✓ Demonstrate commitment to environment and community
- ✓ Increase energy independence

Energy & Environment:



Generates 437,993 kWh/year

> Offsets 101.9% of annual energy use



Offsets 772,250 lbs of CO₂/year

Equivalent to:

- > 417,436 lbs of coal burned per year
- > Carbon sequestered by 377 acres of forest
- > Avoided emissions from 133 tons of waste recycled instead of landfilled

337kW Grid Tied, Solar Power System

(544) QCells 620W Bi-facial PV Modules

- 12-year product warranty
- 30-year performance guarantee

(3) CPS 100 kW Inverters

- 10-year manufacturers warranty

Sinclair SkyRack Ground Array System

- 25-year warranty
- Made in U.S.A.

Online Performance Monitoring

What's Next?...

Contact Northwind Solar to learn how solar can work for you.

Receive a FREE estimate package and review with your organization for preliminary budgeting.

Schedule a no-obligation, on-site visit with our professional design and sales team.





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Project Incentives

- ✓ Focus On Energy Rebate
- ✓ USDA REAP Grant
- ✓ MACRS Accelerated Depreciation
- ✓ Federal Tax Credit

Financial Performance

Total Project Cost: **\$683,700**
Installed Solar Cost *\$2.03/watt*

Focus On Energy Rebate: -\$36,142
USDA REAP Grant: -\$338,350
MACRS Accelerated Depreciation: -\$122,040
Federal Tax Credit: -\$92,762.40

Net System Cost: **\$94,405.16**

Estimated Years to Cost Recovery: 4 years
Utility Cost of Energy: \$0.055/kWh
30-Year Levelized Cost of Energy*: \$.008/kWh



*Levelized Cost of Energy

Solar PV technology allows an owner to "fix" the cost of electricity produced over the lifetime of the installed equipment. Without solar, customers pay ever-increasing retail rates of energy to their utility provider. The Levelized Cost of Energy represents the cost-per-kWh of solar-derived electricity. In short, the levelized cost of energy is the net system cost divided by the total lifetime energy produced.

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**Northwind Solar is a
worker-owned cooperative!**