



Facts and Figures

Community Solar Garden (Phase 1)

Portland Operations Center

*For more information, contact Brandon Trierweiler
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Commissioned: February 17, 2014

Engineered by: Cascade Renewable Energy, Grand Rapids

Installed by: High Point Electric, Grand Rapids

Phase 1 consists of 76 panels, each 275 watts and 1,000 volts, for a total project of 20.9 kilowatts (kW)

Built in America, by American-owned companies:

Panels/Modules Manufactured by:

SolarWorld of Hillsboro, Oregon

Inverter Manufactured by:

SMA of Denver, Colorado

Ground Mount Racking System Manufactured by:

DPW of Albuquerque, New Mexico

The project was designed with room for expansion to five arrays (124.5 kilowatts total) if member demand calls for it:



Total Cost per panel	\$1,000
after 30% Federal Tax Incentive	\$ 700
Instant Rebate	\$ 275 (\$200 Energy Optimization, \$75 Touchstone Energy)
Member's Cost	\$ 425
Projected output per panel, per month	25 kWh
Current kWh Credit Rate (2015)	\$.084 (based on our cost from Wolverine Power Cooperative)
Monthly Credit (2015)	\$2.10
Payback (at current power costs)	16.8 years
Lease term	20 years

Here's why YOU should lease a panel in the



- ☀ Invest in solar at \$1.55 a watt, compared to \$2.80-\$3.20 a watt.
- ☀ Lease as much as you want when you want - no limit on the number you can lease.
- ☀ Support Michigan's beautiful environment by investing in renewable energy
- ☀ Panels are transferable if you move and are no longer an active HomeWorks Tri-County member
- ☀ HomeWorks Tri-County maintains the system
- ☀ HomeWorks Tri-County updates/replaces parts as needed
- ☀ Zero/low risk
- ☀ No added property tax or insurance costs
- ☀ The monthly credit is adjusted annually, so if the cost of power increases, so does your credit
- ☀ No solar panel at your home means no holes in your roof (roof mount), or yard space taken up (ground mount)
- ☀ All members are eligible to lease a panel (commercial, residential or seasonal accounts)

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