



GoWest™ Solar is a pioneering effort aimed at creating new value for solar energy
Midwest Farm Energy Conference
July 11, 2019

GoWEST™ A Unique Co-op Solution

- GoWEST systems are small residential ground mount systems interconnected like net-metering
- 240° Azimuth optimizes production in late afternoon – matching peak usage profile
- GoWEST rate provides value to member for peak demand reduction
- Systems sized to load – encouraging self-utilization of energy production
- LREC purchases energy exports at avoided wholesale cost of energy
- **GoWest** is available exclusively thru LREC and offered as alternative to MN net metering



Reducing Peak Demand Creates New Value for Solar

Peak hours are sunny

- Solar as demand response tool has to deliver on one coincident hour per summer month
- Since 2009, 63% of coincident peaks have occurred at 6 pm
- Since 2010 (Fergus Falls data), summer billing peak hours have averaged just 11% cloud cover
- Capacity factor at 6 pm during all load control events and on peak days averaged almost 75%

Co-op & member share benefit

- Benefit based on avoidance of wholesale capacity and transmission charges
- Member receives bill credit during 3 summer months based on share of inverter AC nameplate capacity
 - 3 KW - \$31 per month
 - 1.5 KW - \$15 per month
- Member also receives free Marathon ETS program water heater

Advertising



Paul Steffes stands next to his new GoWest Solar array, alongside Amelinda Hendrickx, energy services engineer at LREC.

- Enjoy that AC:
https://lrec.coop/application/files/1115/0099/4349/GoWest-Solar-Radio-Ads_enjoy-that-ac.mp3
- Makes Sense:
https://lrec.coop/application/files/9815/0099/4349/GoWest-Solar-Radio-Ads_makes-sense.mp3
- Value:
https://lrec.coop/application/files/6815/0099/4352/GoWest-Solar-Radio-Ads_Value.mp3

Questions?

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