Rooftop Solar Challenge

U.S. Department of Energy SunShot Initiative

July 13 2012

WIDRC Meeting

Photo: Madison Gas and Electric
Streamline and Standardize Solar Permitting Processes

Example problems

– Installers do not know what to expect
– Milwaukee Plan Review meetings now scheduling for mid August
– Roof structural issues, varies by application reviewer

• Goals
  – Expedited process for flush mounted Res systems
  – Inspector training

Photo: GE Health Care
Strategy

- Boil down the process, timelines, costs, information needs, etc.
- Use solar permitting a test case for gov’t efficiency programs
- Spread experience across WI

Leads:
- Bryant Moroder, Marshfield and Milwaukee
- Amy Heart, Milwaukee
Demonstrate Customer Bulk Purchase Strategies

Bulk or Group purchase of solar electric systems can reduce price by 10% to 20%

• Willy Street Group: Under $4/watt

But:

• Organizing costs
• Many installers do not like it
• Madison Willy Street Coop Group Purchase
  – Targeted residential group
  – Group selects installer, then markets to members

• Milwaukee PowerPack
  – Targeted group (Outpost Foods)
  – Components in volume (Helios modules and Ingeteam inverters)
  – All approved installers can participate
  – Financing available
• **Marshfield**
  - Identify participants first
  - Participants determine scope of group buy
  - RFP summarizes projects
  - Teaming with Central City Credit Union
Strategy

• Implement different group purchase types
• Lesson learned document
• Used by installers/developers

Leads:
• Milwaukee, Nick Korth, MREA
• Madison and Marshfield, Bryant Moroder, Sustainable Resource Group
Share Results

www.growsolar.org

Conference

• Inspector training 6 CEUs
• Keynotes (Navigant)
• Sessions (Clean Contracts, Net metering, Interconnection, Permitting, Group purchase...)

Saved the Date

Solar powering your Community

October 11, 2012
Monona Terrace, Madison, WI

A Conference to Help Solar Grow and Expand in Your Community.
- Resources for local Governments and Stakeholders
- Ideas for local solar implementation
- Inspiration for overcoming barriers to the widespread adoption of solar

Powered by SunShot
U.S. Department of Energy
Customer-Driven Utility-Owned Solar Electric Systems
(Community Solar)

PSCW Utility-owned solar docket
• GSW would like to help move this forward
• What can we do?
• Via WIDRC?
Grow Solar Wisconsin Contact

Co Principal Investigator, Niels Wolter
niels.solar@gmail.com 608 216-4452