

Grow S#lar

Led by the MREA, Grow Solar initiatives span multiple Midwestern states

We've been able to do this work thanks to a Department of Energy Sunshot initiative grant.









Solar PV Installations To Date

Now over 27.4 GW of solar PV installed in US

Enough to power over 5.4 million homes

Solar represented 29.4% of all new electric generating capacity brought on-line in the U.S. in 2015, more than natural gas!

SEIA Solar Market Insight Report





Expedited Permitting case study

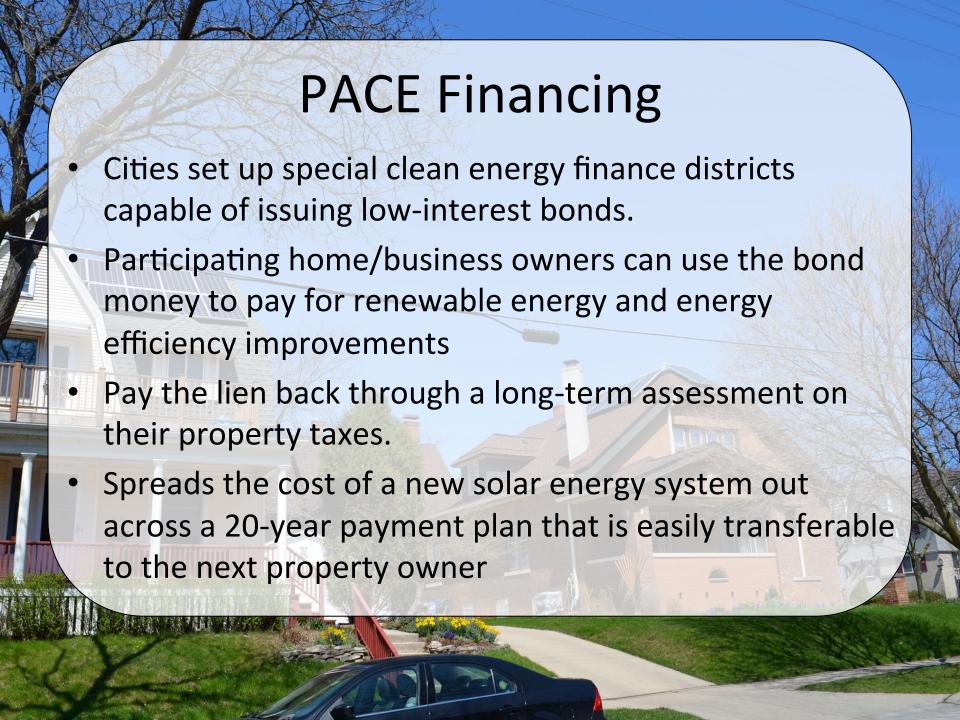
- Began with stakeholder meeting (City staff, inspectors, utility reps, local installers, solar industry professionals)
- Specific eligibility requirements
- Worksheet for installers
- Saves money
- Saves time
- List of solar installations for Assessor

PPZ state toolkits at GrowSolar.org



Solar Financing

- Low-interest solar loans to city residents.
- The City of Milwaukee provided \$100,000 in donated funds as a loan-loss reserve, and Summit Credit Union leveraged those funds to offer \$2 million in low-interest solar loans.
- Since being established in 2010, the Milwaukee
 Shines Solar Financing Program has provided over 30 loans to Milwaukee residents and none have defaulted.

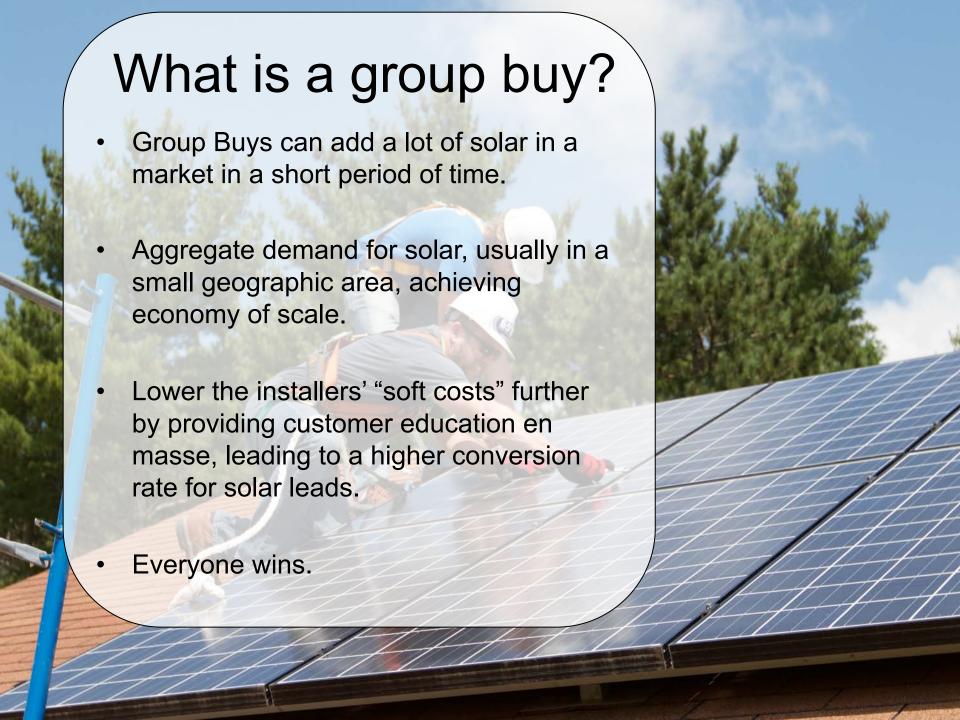


Inspector Training

- Solar systems that aren't code-compliant could present a risk to building occupants, system owners, the public, solar technicians, and other contractors.
- Inspectors unfamiliar with solar can approve improperly installed solar arrays, or can delay projects due to concerns.
- We have led a number of inspector trainings around the region and would love to help train your inspectors.
- Continuing Education Credits









Guiding Principles

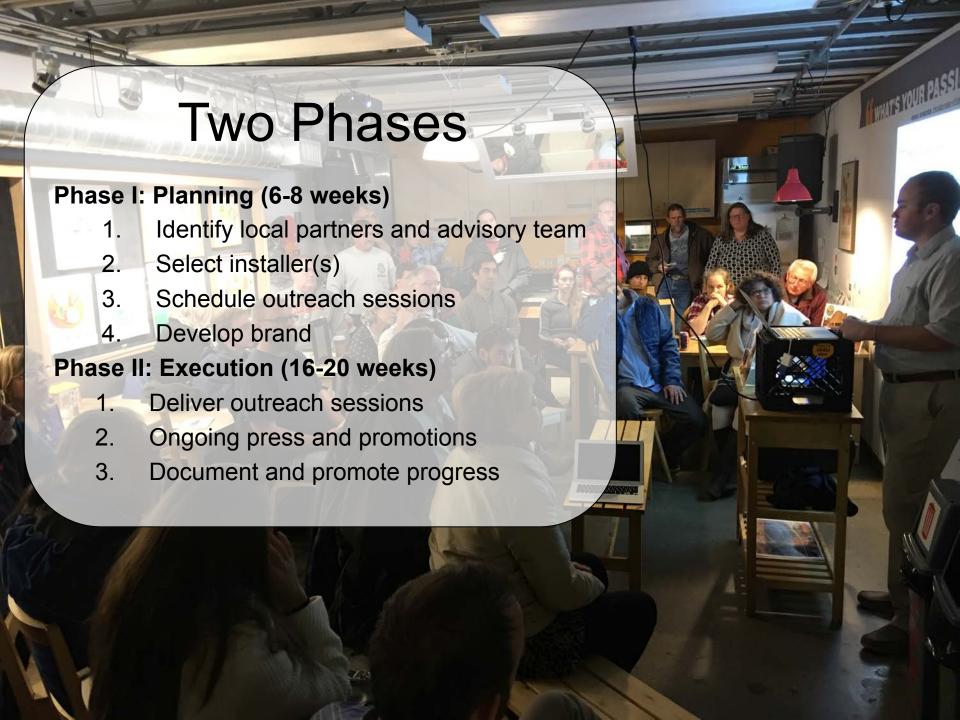
Customers adopt solar when their neighbors or others in close proximity adopt solar.*

The presence of **affinity groups** that advocate for solar lead to more installations in a given area.

 Discounts with deadlines help a greater number of people decide that "now is the time."

*Graziano, Marcello, and Kenneth Gillingham. "Spatial patterns of solar photovoltaic system adoption: the influence of neighbors and the built environment." Journal of Economic Geography 15.4 (2015): 815-839., Bollinger, Bryan, and Kenneth Gillingham. "Peer effects in the diffusion of solar photovoltaic panels." Marketing Science 31.6 (2012): 900-912.













- Attend the other sessions in this track
- Familiarize yourself with state and local incentives (dsireusa.org is a good place to start)
- Reach out to Grow Solar for help
- Optimize PPZ
- Set up local financing for solar
- Train Inspectors
- Pursue Municipal projects
- Launch Community programs



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