

## Acknowledgement and Disclaimer

- Acknowledgment: This material is based upon work supported by the Department of Energy, Office of Energy Efficiency and Renewable Energy (EERE), under Award Numbers DE-EE0009950 & DE-EE0009951.
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## What is SolSmart?

- SolSmart is a national designation and technical assistance program that has helped over 500 local governments make it faster, easier, and more affordable for residents and businesses to go solar.
- The SolSmart Designation recognizes communities that have taken key steps to address local barriers to solar energy and foster the growth of mature local solar markets.
- Technical assistance is available at no cost.







# SolSmart Designees in the Region

#### **SolSmart Bronze**

- Fitchburg
- Portage County
- Sheboygan
- Racine
- Bayfield County
- Bayfield

#### SolSmart Silver

- Egg Harbor
- La Crosse County
- Plover
- Amherst
- Ashland
- Ashland County

#### **SolSmart Gold**

- Stevens Point
- Wauwatosa
- Wood County
- La Crosse
- Bayside
- Milwaukee
- Wisconsin Rapids
- Madison
- Eau Claire







## Benefits of Solar









## **SolSmart Actions**

## Increase transparency

- Post a permitting checklist online
- Develop a solar landing page

## Increase understanding

- Provide training on solar PV to staff working in permitting and inspection
- Train planning staff on planning and zoning best practices for solar PV

### Reduce barriers

- Decrease permit turnaround time
- Codify that solar PV is a by-right accessory use in the zoning ordinance







## **Designation Structure**

There are four levels of designation: Bronze, Silver, Gold, and Platinum. Communities achieve designation by meeting prerequisites as well as meeting other elective criteria.



Gold designees have

day solar permitting

ordinances to remove

achieved a three-

turnaround and

codified zoning

obstacles to solar.

Platinum designees (new in 2023) will have adopted instant solar permitting, published metrics on local solar growth, and partnered with community organizations to achieve equity goals.

PLATINUM



Bronze designees have increased transparency with an online permitting checklist and zoning review.

Silver designees have trained permitting and

SILVER

inspection staff on solar best practices.







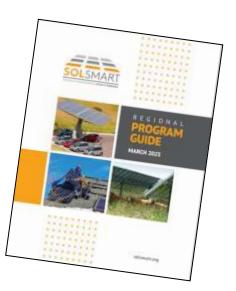
## Access to Best Practices

The SolSmart Program Guides summarize best practices for local governments, counties and regional governments.

https://solsmart.org/resource/solsmart-program-guide













## **Customized Support**



Technical Assistance is tailored around the goals and priorities of your community. It can include expert review of materials, webinars, trainings and 1:1 consultations.

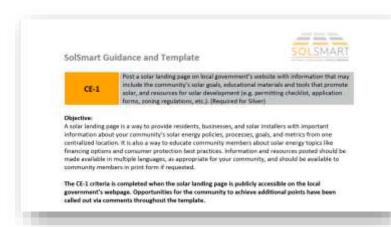


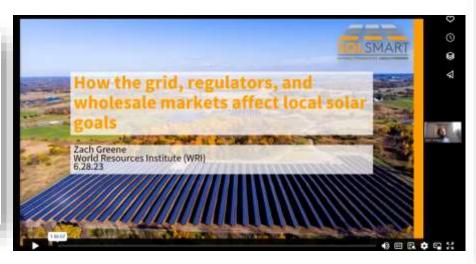




## Templates and Examples

Communities are provided with templates, checklists, community examples and guidance documents.





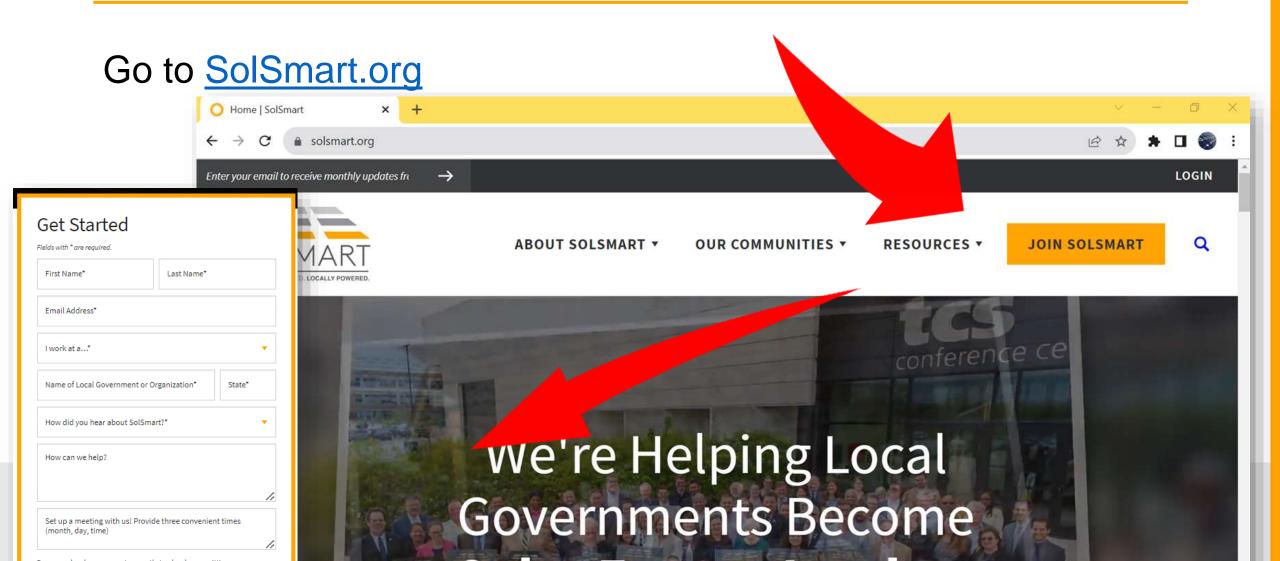
Space for Lorn and/or contact information. Office/Despression | Basse | Address | Phone Secretor | Dreak Address | Website Rooftop Solar Photovoltaic (PV) System Field Inspection Checklist This shouldn't provides basic guidations for impacting must residential roofing spiar PV systems (35 eW self-under). Ecound recented systems, systems with everyy strongs, building integrated sessions, and community prisons. He expense, would not be talk covered by this checklet. The intent of using the checkful is to provide transporers and well-defined information to renember the number of respections and accelerate project completion for most PV systems. Three guidelines are not ratio Make sure all FV deconnects and cheaf breakers are in the open position and verify the following metable top. Update the following the blist to be hate any trincal state or local code requirements 22 1. All work done in a reset and works write reasons (NEC 110.12). CL 2, Py module made number, quantity, and location according to the approved plus CL 1. A tay incurtise water and itractions connections according to the appropriate and and manufacturery lostractions. 4. Aud ponetrations flushed/sealed according to the approved plan and manufacturers' CL S. Sapared cables are properly secured, supported, and related to prevent physical damage. Constat installation according to NEC 690(100) and the approved plan. 7. Finefighter access according to RC KID4 and the approved plan. D. B. Roof-recorded PV remarking system and resolutes have sufficient the charaffication DRC 3. Screening/homby of rack, mobiles, inverted is, and other risotral department according to the execularities of instruction SE Engineering tradabat, bitself, and taballed according to the approved plan and numerical service. instructions (e.g., PV mediates, insertions, de les de commetens, regist shabbown regispresent). 11. For grid connected spinors, Wester is rearked "Interactive," or documentation is provided to show that inventor meets of titly intercommittee impartments. TX Combetters, cables, and conduit types, sizes, and markings according to the approper plan II. Compared theirs are the type and size according to the approved glan TO \$4. Discoverers according to the approved plan and properly busined in required by the NEC. 15. Note the subject six of breaker is located at supports and of bas from utility weight at body neither prof/or service parafficiant. If panel is control feel, miserter metgat circuit breaker can be at either end of basker (NIC 70% CDR) (not required 8 the sum of the inverter and utility namely sincult benefits is less than or equal to the pavelenard has ratingle. 2 46 PV system markings, lakely, and right according to the appropriation (2) \$3. Connection of the PV system equipment grounding confliction according to the appropriate. CL. 18. Access and working space for operation and maintenance of PV equipment such as insertion, 2 19. The rapid structures system is installed and operational according to the approper also and mentatures intruction (NC 69112) Partie PV Field Improving Character Services & Continued ACCIVITY







# How to get started!



# For Today: Focus on Permitting & Inspection

- Most local governments have direct oversight of the permitting and inspection policies and procedures within their jurisdiction.
- Communities that implement permitting best practices provide solar developers and installers with a transparent, efficient, and cost-effective approval process.
- Well-trained staff and simplified permit applications can reduce staff time needed to review permits which allows them to focus on other priorities.
- Clear inspection procedures ensure compliance with applicable state and local codes while protecting public health and safety.





