

**Final Technical Report (FTR)**  
**DE-EE0007155: SolSmart Technical Assistance Provider**

<b>Agency/Office/Program</b>	DOE/EERE/Solar Energy Technology Office	
<b>Award Number</b>	DE-EE0007155	
<b>Project Title</b>	SolSmart Technical Assistance Provider	
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<b>Project Budget</b>	Total \$12,312,596.10 (DOE: \$11,946,114.16; C/S: \$366,482.03)	
<b>Submitting Official Signature</b>		

**1. Acknowledgement**

"This material is based upon work supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under the SolSmart Technical Assistance Provider Award Number DE-EE0007155."

**2. Disclaimer**

"This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor

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### 3. Executive Summary

The SolSmart program was established in late 2015 to “establish a prominent national recognition and technical assistance program for local governments that will signal to installers and the public that a community is receptive to solar businesses and has established a supportive solar market environment. This, in turn, will reduce market barriers and lower soft costs, thus contributing to SunShot goals. The program will also assist communities who are just beginning to improve their solar markets.”

By March 31, 2022 (the grant end date), the SolSmart Team designated 460 communities, more than 50% more than the initial program objective of 300 communities. The designated communities represent 42 states, the District of Columbia, the U.S. Virgin Islands, and Puerto Rico.



The SolSmart team developed and revised criteria representing best practices for local governments; recruited, trained, evaluated, and mentored communities to incorporate these best practices; and disseminated resources about solar and solar-related technologies as well as the newest best practices on a regular basis.

98% of local government officials who participated in the program said that SolSmart increased their knowledge of solar energy. The SolSmart program had both real and perceived tangible impacts on barriers to solar adoption in designated communities. Significantly, the time to permit a solar installation decreased by 7.5 days on average. This reduced the soft costs for both the solar installer (and therefore the customer) and the local government.

The result is that solar installations in SolSmart communities increased by 17% per month compared with similar non-SolSmart communities.

Larger and wealthier communities were more likely to pursue SolSmart designation and earn more points within SolSmart. As a result, IREC/TSF developed strategies to reach underserved communities and created new resources to help them more easily achieve designation, as described below. In the last year of the Award, 44% of designated communities were underserved, compared with 31% in the earlier years of the program.

DOE issued two awards for SolSmart: the SolSmart Technical Assistance Provider (TAP), led by The Solar Foundation (TSF) which has since merged with the Interstate Renewable Energy Council (IREC), and the Designation Program Administrator (DPA), led by the International City/County Management Association (ICMA). IREC was lead for the TAP project and, until the time of TSF/IREC merger, was a subrecipient on the DPA project. These two projects were interdependent; one could not exist without the other. While this report will focus on the work performed by the TAP, it will be impossible to speak of this without talking about the successes, impacts, and benefits of the overall SolSmart program.

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## 5. **Background**

As part of the SolSmart program's work, a third-party evaluation of the program was conducted by staff at the University of Miami, the Missouri University of Science and Technology, Florida State University, and the University of Texas. The evaluation became the core of a peer-reviewed journal publication in the Proceedings of the National Academy of Sciences (PNAS). It analyzed the impact of the program itself on solar market development and also the increased optimization of future voluntary environmental programs (VEPs), like SolSmart, as a whole.

In order to analyze the former, the third-party researchers used a combination of propensity score matching and difference-in-differences models to find a correlation between SolSmart's actions and the expansion of a solar marketplace in a given community. Essentially these models estimated changes in outcome variables before and after a SolSmart community became designated while controlling for non-SolSmart communities. The study found that SolSmart led to increased solar capacity month over month as well as increased solar installations. For other VEPs, the SolSmart program structure is noted to serve as a potential model in terms of its ability to cover a comprehensive set of basic actions. The study also notes that the SolSmart program's model is evidence that a program's flexibility in terms of implementation may not be a barrier to the success of a voluntary program and that it is possible that the combination of required and optional actions in the program may make the effect of SolSmart itself more robust. In the greater context of the impacts of a solar VEP, the third party analysis and the program itself serve as a suggestion that such VEPs can be an effective avenue to moving local governments toward sustainability actions.  
(<https://www.pnas.org/doi/full/10.1073/pnas.2106201119>)

## 6. **Project Objectives**

As stated in the original FOA (DE-FOA-000124), the goal of the project was to "establish a prominent national recognition and technical assistance program for local

governments that will signal to installers and the public that a community is receptive to solar businesses and has established a supportive solar market environment. This, in turn, will reduce market barriers and lower soft costs, thus contributing to SunShot goals. The program will also assist communities who are just beginning to improve their solar markets.” This goal remains the same as the program continues with the recent FOA (DE-FOA-0002513). “Specifically, this FOA will help to reduce the soft costs of solar energy deployment—those costs not associated with the hardware—which account for up to 64% of the up-front cost of a residential solar installation.<sup>1</sup>”

The initial project objective (DE-EE0007155/0000) was to “enable at least 300 communities across the U.S. to qualify for designation under the Solar Powering America by Recognizing Communities (SPARC) program by providing technical assistance to communities at various stages on the path to designation and facilitate rigorous tracking of progress toward this goal. The technical assistance (TA) provided through this project will empower communities to achieve (or make substantial progress toward achieving) the SPARC designation, resulting in time and cost savings for communities, increased prospects for solar company and workforce growth, and greater affordability of solar energy systems for consumers.” In the fall of 2019, the SolSmart program designated the 300<sup>th</sup> community. By March 31, 2022 (the grant end date), there were 460 SolSmart designees from 42 states, the District of Columbia, the U.S. Virgin Islands, and Puerto Rico. One in four U.S. citizens live in a SolSmart designated community. These designees range from small villages to major metropolitan areas, and from rural counties to suburban regions. Please see Appendix A for a full list of SolSmart designated communities.

Since 2015, this project has moved local governments toward achieving national goals of clean energy expansion and economic growth through three major venues:

1. Adoption of solar best practices by local governments achieving SolSmart designation leading to increases in solar deployment.
2. Resources created and made available to all communities have helped communities learn about solar and advance solar deployment.
3. Four rounds of local SolSmart Advisors were trained by the TAP team to provide direct technical assistance to communities. These Advisors have continued to work to advance solar energy growth in their activities beyond the SolSmart program.

For the first item, the independent evaluation provided evidence for an increase in solar deployment in those communities that successfully achieved SolSmart designation. This external evaluation will be discussed more in the next section.

Second, resources from the program are available to everyone regardless of enrollment in the SolSmart program. Section 11 contains a list of our resources that have been submitted to the OSTI system. (Note: not all submissions have been posted in the system.) A series of webinars were well attended by the communities working toward designation, by communities already designated, and by communities that have not yet

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<sup>1</sup>David Feldman, Vignesh Ramasamy, Ran Fu, Ashwin Ramdas, Jal Desai, Robert Margolis. “U.S. Solar Photovoltaic System and Energy Storage Cost Benchmark: Q1 2020.” National Renewable Energy Laboratory, 2021.

enrolled in the program. The SolSmart program resources are advertised through the monthly SolSmart newsletter; with 3,900 subscribers and a monthly open rate of 20-25%, the newsletter continues to be an avenue for ongoing outreach and information dissemination. SolSmart designees received widespread publicity and media attention for their achievements, including through social media posts on SolSmart channels and case studies on the SolSmart website. More than 400 newspaper articles, websites, radio programs, and TV stations have featured SolSmart communities.

Third, the SolSmart Advisor program was born out of a need to enroll more communities and provide more technical assistance. It allowed representatives from a local organization to carry out large portions of the technical assistance, with a “mentor” from the SolSmart program working with the Advisor. See more about the success of the Advisor program in the next section.

## 7. Project Results and Discussion

The SolSmart TAP program for this grant spanned more than 5 years, from October 2015 to March 2022. The milestone table for the program is included below.

- **Milestones**

SOPO/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
1.1	Pipeline Capacity Building							
M1.1	Build TA Pipeline Infrastructure	TSF	12/31/15	-	12/31/15	100%	Achieved	3
1.2	TA Outreach Plan Design and Implementation							
M1.2	Ensure Robust TA Pipeline	TSF	12/31/15	-	12/31/15	100%	Achieved	3
M1.2	Ensure Robust TA Pipeline	TSF	6/30/16	-	6/30/16	100%	Achieved	3
M1.2	Ensure Robust TA Pipeline	TSF	12/31/16	-	12/31/16	100%	Achieved	3
M1.2	Ensure Robust TA Pipeline	TSF	10/31/17	-	3/31/17	100%	Achieved Ahead of Schedule	3
M1.2	Ensure Robust TA Pipeline	TSF	6/30/18	-	12/31/17	100%	Achieved Ahead of Schedule	3
M1.2	Ensure Robust TA Pipeline	TSF	6/30/19	-	3/31/19	100%	Achieved Ahead of Schedule; 318 completed	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
							<i>applications as of 3/31/19</i>	
M1.2	<i>Ensure Robust TA Pipeline</i>	TSF	6/30/20	-	3/31/19	100%	<i>Achieved Ahead of Schedule; 318 completed applications as of 3/31/19</i>	3
1.3	<b>TA Outreach Profiles</b>							
M1.3	<i>TA Outreach Profiles</i>	TSF	3/31/16	-	3/31/16	100%	Achieved	3
M1.3	<i>TA Outreach Profiles</i>	TSF	9/30/16	-	9/30/16	100%	Achieved	3
M1.3	<i>TA Outreach Profiles</i>	TSF	3/31/17	-	3/31/17	100%	Achieved	3
M1.3	<i>TA Outreach Profiles</i>	TSF	4/30/18	-	4/30/18	100%	Achieved	3
M1.3	<i>TA Outreach Profiles</i>	TSF	5/31/19	-	5/30/19	100%	Achieved	3
M1.3	<i>TA Outreach Profiles</i>	TSF	6/30/20	-	6/30/20	100%	Achieved	3
1.4	<b>Member Challenge Campaigns</b>							
M1.4	<i>Successful Challenge Campaigns Bringing High- Profile Communities into Pipeline</i>	NACo/NL C	9/30/16	-	9/30/16	100%	Achieved	3
M1.4	<i>Successful Challenge Campaigns Bringing High- Profile Communities into Pipeline</i>	NACo/NL C	6/30/17	-	6/30/17	100%	Achieved	3
M1.4	<i>Successful Challenge Campaigns Bringing High- Profile Communities into Pipeline</i>	NACo/NL C	6/30/18	9/30/18	9/30/18	100%	Achieved	3
M1.4	<i>Successful Challenge Campaigns Bringing High- Profile Communities into Pipeline</i>	NACo/NL C	6/30/19	-	-	100%	Achieved	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
1.5	Regional and National Conferences and Other Events							
M1.5	Event Presence	All	9/30/16	-	9/30/16	100%	Achieved	3
M1.5	Event Presence	All	10/31/17	-	12/31/16	100%	Achieved Ahead of Schedule	3
M1.5	Event Presence	All	9/30/18	-	12/31/17	100%	Achieved Ahead of Schedule	3
M1.5	Event Presence	All	9/30/19	-	3/31/19	100%	Achieved Ahead of Schedule (1,391 LEADS)	3
M1.5	Event Presence	All	9/30/20	-	3/31/19	100%	Achieved Ahead of Schedule (1,391 LEADS)	3
2.0	TA Delivery							
M2.0	Progress Toward TA Objectives	All	9/30/16	-	9/30/16	100%	Achieved	3
M2.0	Progress Toward TA Objectives	All	10/31/18	-	7/31/17	100%	Achieved Ahead of Schedule	3
M2.0	Progress Toward TA Objectives	All	10/31/20	-	3/31/19	100%	328 designees + 62 receiving TA in pursuit of initial designation= 360/300 communities (or 120% of 300)	3
2.1	Provide One-on-One Technical Assistance							
M2.1	TA Satisfaction Surveys	TSF	3/31/16	-	3/31/16	100%	Achieved	3
M2.1	TA Satisfaction Surveys	TSF	9/30/16	-	9/30/16	100%	Achieved	3
M2.1	TA Satisfaction Surveys	TSF	3/31/17	-	3/31/17	100%	Achieved; 96% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF	9/30/17	-	9/30/17	100%	Achieved; 97% satisfaction rate	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
M2.1	TA Satisfaction Surveys	TSF	3/31/18	-	3/31/18	100%	Achieved; ~95% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF	9/30/18	-	9/30/18	100%	Achieved; 100% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF	3/31/19	-	3/31/19	100%	Achieved; 100% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF	9/30/19	-	9/30/19	100%	Achieved; 100% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF	3/31/20	-	3/31/20	100%	Achieved; 100% satisfaction rate	3
M2.1	TA Satisfaction Surveys	TSF		7/31/21	7/31/21	100%	Achieved; 100% satisfaction rate	3
2.2	Peer Mentor Network							
M2.2	Active Peer Network	TSF	3/31/17	-	3/31/17	100%	Achieved	3
M2.2	Active Peer Network	TSF	5/31/18	-	5/31/18	100%	Achieved	3
M2.2	Active Peer Network	TSF	10/31/19	-	10/31/19	100%	Achieved	3
2.3	Support the development of a national streamlined permitting process							
M2.3.1	Participation in National Process	TSF	9/30/19	-	12/31/19	100%	Achieved	3
M2.3.2	Permitting Research	TSF	9/30/20	3/31/21	3/31/21	100%	Achieved	3
3.1	Advisors Program Design							
M3.1	Advisors Program Design	TSF	3/31/16	-	3/31/16	100%	Achieved	3
3.2	Recruit First Round of Host Communities							
M3.2	Sufficient Number of Community Hosts	TSF	7/31/16	-	7/8/16	100%	Achieved	3
3.3	Recruit First Round of Advisors							

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
M3.3	Sufficient Number of Advisors	TSF	12/31/16	-	12/31/16	100%	Achieved	3
3.4	<b>First Advisor Orientation and Training Event</b>							
M3.4	Event Completion	TSF	1/31/17	-	1/27/17	100%	Achieved	3
3.5	<b>Deploy First Round of Advisors</b>							
M3.5.1	Advisor Progress	TSF	7/31/17	-	9/15/17	100%	Achieved; 90% designation rate (80% req.)	3
M3.5.2	Advisor Satisfaction Surveys	TSF	7/31/17	-	9/18/17	100%	Achieved; 100% satisfaction rate	3
3.6	<b>Recruit Second Round of Host Communities</b>							
M3.6	Sufficient Number of Community Hosts	TSF	3/31/17	-	2/28/17	100%	Achieved; 14 communities selected	3
3.7	<b>Recruit Second Round of Advisors</b>							
M3.7	Sufficient Number of Advisors	TSF	5/31/17	-	6/12/17	100%	Achieved	3
3.8	<b>Second Advisor Orientation and Training Event</b>							
M3.8	Event Completion	TSF	6/30/17	-	6/30/17	100%	Achieved	3
3.9	<b>Deploy Second Round of Fellows</b>							
M3.9.1	Advisor Progress	TSF	1/31/18	-	1/31/18	100%	Achieved; 82% as of 1/31/18 (91% as of 4/23)	3
M3.9.2	Advisor Satisfaction Surveys	TSF	1/31/18	-	1/31/18	100%	Achieved; 89% satisfaction rate	3
3.10	Recruit Third Round of Host Communities							
M3.10	Sufficient Number of Community Hosts	TSF	6/30/18		6/30/18	100%	Achieved	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
3.11	Recruit Third Round of Advisors							
M3.11	Sufficient Number of Advisors	TSF	10/31/18		9/30/18	100%	GNG #2: Achieved ahead of schedule.	3
3.12	Third Advisor Orientation and Training Event							
M3.12	Event Completion	TSF	12/31/18		11/29/18	100%	Achieved - all Advisors received training	3
3.13	Deploy Third Round of Advisors							
M3.13.1	Advisor Progress	TSF	7/31/19	11/30/19	12/11/19	100%	Achieved	3
M3.13.2	Advisor Satisfaction Surveys	TSF	7/31/19	11/30/19	12/16/19	100%	Achieved; 100% satisfaction rate	3
4.1	Annual Strategic Communications Planning							
M4.1	Annual Strategic Communications Plans	TSF	11/30/15	-	11/30/15	100%	Achieved	3
M4.1	Annual Strategic Communications Plans	TSF	11/30/16	-	12/1/16	100%	Achieved	3
M4.1	Annual Strategic Communications Plans	TSF	12/31/17	-	12/21/17	100%	Achieved	3
M4.1	Annual Strategic Communications Plans	TSF	12/31/18	-	12/18/18	100%	Achieved	3
M4.1	Annual Strategic Communications Plans	TSF	12/31/19	-	12/31/19	100%	Achieved	3
M4.1.2	Annual Strategic Communications Plans	TSF		10/31/20	2/21	100%	Postponed with the delay in contract extension; completed 2/2021.	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
4.2	Securing Commitments							
M4.2	Community Commitments	TSF	9/30/16	-	9/30/16	100%	Achieved	3
M4.2	Community Commitments	TSF	6/30/17	-	6/30/17	100%	Achieved	3
M4.2	Community Commitments	TSF	3/31/18	-	9/30/17	100%	Achieved Ahead of Schedule	3
M4.2	Community Commitments	TSF	12/31/18	-	12/31/18	100%	Achieved	3
M4.2	Community Commitments	TSF	9/30/19	-	9/30/19	100%	Achieved	3
M4.2	Community Commitments	TSF	6/30/20	-	6/30/20	100%	Achieved	3
4.3	Sharing Successes							
M4.3	Sharing Successes	TSF	9/30/16	-	9/30/16	100%	Achieved	3
M4.3	Sharing Successes	TSF	9/30/18	-	6/30/17	100%	Achieved Ahead of Schedule	3
M4.3	Sharing Successes	TSF	9/30/20	-	3/31/19	100%	Achieved Ahead of Schedule	3
5.1	Technical Resource Repository							
M5.1	Technical Resource Repository	TSF	12/31/15	-	12/31/15	100%	Achieved	3
5.2	Development of New Technical Resources							
M5.2	Resource Gap Analysis and Resource Creation	TSF	3/31/16	-	3/31/16	100%	Achieved	3
M5.2	Resource Gap Analysis and Resource Creation	TSF	9/30/17	-	3/31/17	100%	Achieved Ahead of Schedule	3
M5.2	Resource Gap Analysis and Resource Creation	TSF	3/31/19	-	3/31/19	100%	Achieved	3
5.3	Resource Dissemination							

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
M5.3	Resource Dissemination	TSF	9/30/16	-	6/30/16	100%	Achieved	3
M5.3	Resource Dissemination	TSF	9/30/18	-	9/30/18	100%	Achieved	3
M5.3	Resource Dissemination	TSF	9/30/20	-	3/31/19	100%	Achieved Ahead of Schedule	3
M5.3	Resource Dissemination			12/31/21		100	Achieved	3
6.1	<b>Project Kickoff and Start-Up</b>							
M6.1	Project Kickoff and Start-Up	TSF	1/31/16	-	1/31/16	100%	Achieved	3
6.2	<b>Strategic Planning Meetings</b>							
M6.2	Project Plans	TSF	10/31/15	-	10/22/15	100%	Achieved	3
M6.2	Project Plans	TSF	10/31/16	-	10/17/16	100%	Achieved	3
M6.2	Project Plans	TSF	11/30/17	-	11/30/17	100%	Achieved	3
M6.2	Project Plans	TSF	11/30/18	-	11/28/18	100%	Achieved	3
M6.2	Project Plans	TSF	11/30/19	-	11/30/19	100%	Achieved	3
6.3	<b>Participation in Criteria Advisory Committee</b>							
M6.3	CAC Participation	TSF	3/31/16	-	3/31/16	100%	Achieved	3
6.4	<b>SPARC Program Website Development and Maintenance</b>							
M6.4	Minimal Website Functionality	TSF	12/31/15	-	11/5/15	100%	Achieved	3
6.5	<b>SPARC Beyond Communities</b>							
M6.5	Expansion Outreach	TSF	6/30/16	-	6/30/16	100%	Achieved	3
M6.5	Expansion Outreach	TSF	6/30/17	-	6/30/17	100%	Achieved	3
M6.5	Expansion Outreach	TSF	6/30/18	-	6/30/18	100%	Achieved	3

SOP0/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
6.6	<b>SolSmart Expansion Awards</b>							
M6.6	Award Design	TSF	9/30/19	-	9/30/19	100%	Achieved	3
M6.6.2	Award Design			1/31/22	12/15/21	100%	Achieved early	3
7.0	<b>Program Evaluation</b>							
M7.0	Program Evaluation	TSF	9/30/16	-	9/30/16	100%	Go/No-Go #1; Achieved 23 of 24 milestones on time. 24th milestone ultimately achieved	3
M7.1	SolSmart Outcomes Research and Evaluation		9/30/20	-	9/30/20	100%	Achieved	3
8.1	<b>Capacity Building for Program Sustainability</b>							
M8.1	Membership Organization Capacity	TSF/NAC o/NLC/S EIA	12/31/18	-	11/30/18	100%	Achieved	3
8.2	<b>Development of Sustainability Plan</b>							
M8.2	Program Sustainability Planning	TSF	10/31/18	-	10/31/18	100%	Achieved	3
8.3	<b>Implementation of Sustainability Plan</b>							
M8.3	Implementation of Sustainability Plan	TSF	7/31/20	-	-	55%	Partially Achieved	3
8.4	<b>Advisors Program Sustainability</b>							
M8.4	Advisors Program Sustainability	TSF	3/31/17	-	11/30/16	100%	Achieved Ahead of Schedule	3
M8.4	Advisors Program Sustainability	TSF	3/31/18	-	3/31/18	100%	Achieved	3

SOPO/ TWP Milestone #	Milestone Description	Primary	Original Planned	Revised Planned	Actual	Percent Complete	Progress Notes	Rating
M8.4	Advisors Program Sustainability	TSF	3/31/19	-	3/31/19	100%	Achieved	3
M8.4	Advisors Program Sustainability	TSF	3/31/20	-	3/31/20	100%	Achieved	3
9.0	Project Close-Out							
M9.0	Project Close-Out	TSF	10/31/20	3/31/22	6/29/22	100%	Achieved	3

As is evidenced in the table above, the SolSmart TAP consistently performed at or above target. There were two Go/No-Go decision points in the project. The first came at the end of the fourth quarter and required that at least 80% of milestones had been completed at the time of evaluation. Twenty-three of the 24 milestones had been completed at the time, with completion of the 24th milestone coming late; this represented 96% of the milestones. The second came at the end of the 13th quarter and required that the program have Advisors selected for at least 80% of the cumulative number of enrolled communities. This decision point was achieved ahead of schedule.

As the program evolved, there were several notable initiatives, described below. Many of these were built from or modified by the lessons learned from the program evaluation.

- **Evaluation Results**

Researchers from Missouri University of Science & Technology, Florida State University, University of Miami, and University of Texas at Austin conducted a mixed methods evaluation to determine the impact of the SolSmart program and make recommendations for improvement. For the 356 designated communities to date (SolSmart data was downloaded in early 2020), quasi-experimental techniques were used to estimate the impact of SolSmart while controlling for factors that vary over time and between places.

Overall, the **original analysis** found that the SolSmart program had both real and perceived tangible impacts on barriers to solar adoption in designated communities. This included speeding up the permitting process by 7.5 days on average per installation; a significant increase in solar installations; and, based on surveys of local officials, increased knowledge of solar energy as a result of the program. In addition, interview and survey data found that the SolSmart Advisors played an important role in encouraging participation.

One finding regarded the type of communities that enrolled in SolSmart. Participation and achievement in the SolSmart program can be predicted by community population

size and income levels. Larger and wealthier communities were more likely to pursue SolSmart designation and earn more points within SolSmart. As a result, the TAP team developed strategies to reach underserved communities and created new resources to help them more easily achieve designation, as described below.

Meanwhile, another advantage of the program cited in the study was that communities choose from 105 actions across 8 categories to earn points toward a designation. Every community takes a unique path – no two communities have achieved SolSmart designation in the same way.

**Overall, the study found the SolSmart program was effective in lowering barriers to solar adoption in designated communities.** Communities expressed interest in pursuing designation and achieving higher designations. If SolSmart were to expand to include other technologies, the study found that Gold communities were most interested in recognition and technical assistance related to electric vehicle infrastructure, while Bronze communities were most interested in energy efficiency.

Since the time of the original results, the research team worked at getting the findings published in a peer-reviewed journal. The National Academy of Sciences reviewed the work and asked for additional analyses to be performed prior to publication. The refined work was published in the Proceedings of the National Academy of Sciences on March 7, 2022. (<https://www.pnas.org/doi/full/10.1073/pnas.2106201119>) In order to isolate the impact of the SolSmart program, the analyses included additional controls such as availability of local net metering and the presence of 100% renewable energy goals. The updated results continued to show improved solar adoption in the SolSmart designated communities.

Overall, the study found that local participation in SolSmart can lead to increased solar capacity of 18-19% per month. As a result, the study found that SolSmart has “achieved its intended outcome to promote solar adoption in local communities.” The study also found that SolSmart communities increased installations by 17% per month.

The study found similar results through surveys conducted among local governments and the solar industry. Nearly all local government officials surveyed (98%) said that SolSmart increased their knowledge of solar energy. A majority also said it reduced permitting and inspection timelines and increased solar capacity.

The study noted a number of factors that may account for our program’s impact. As a voluntary environmental program (VEP), SolSmart offers incentives for adopting solar-friendly policies that are not required by law or regulation. It provides guidelines and technical assistance to communities that can reduce the time and resources needed to achieve solar energy best practices. “The results to date suggest that VEPs like SolSmart are an effective strategy for encouraging local governments to take actions toward sustainability,” the study says.

In light of these positive results, another important finding was that communities that were “under-resourced” were less likely to participate in the program. Under-resourced was defined by the study to be in relationship to staff and financial resources. This finding kicked off several planned expansions or improvements to the program that are described below.

- **SolSmart Advisors Program**

The Advisors program is one of the central components of the SolSmart TAP project led by IREC. Prior to the IREC and TSF merger, TSF managed the Advisors program. In 2016, TSF led the effort to develop an Advisor program plan, structure, and timeline. In implementing the Advisors plan, TSF created an application form and process for the first round of Host Community applicants. The application period officially opened with the full designation program launch on April 27, 2016. Through this effort, the TAP competitively selected communities to receive intensive, hands-on technical assistance from an Advisor for up to six months. The Advisors program has been successful and active since 2016, completing four rounds

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An Advisor can be a single local government, a partnership between multiple local governments, or a regional organization or nonprofit hosting an Advisor on behalf of one or more local governments. The Advisor responsibilities include (1) engaging with new or existing local government contacts; (2) committing communities to achieving designation under the SolSmart program; (3) assuring each community completed an accurate and thorough SolSmart designation application; (4) conducting a gap analysis based on SolSmart criteria already achieved in each community and additional criteria required for designation; (5) providing technical assistance to each community around these additional criteria; (6) collecting and submitting documentation verifying completion of all additional criteria, thereby qualifying each community for designation under the SolSmart program; and (7) providing additional technical assistance, where feasible, to address each community’s solar goals. Each Advisor is matched with a Technical Assistance Provider to manage the Advisor engagement and provide support as needed.

The fourth and final round of SolSmart Advisors additionally committed to focusing on underserved communities. This focus was on recruitment of the communities as well as ensuring that technical assistance provided addressed the needs of the communities. Generally, the round had fewer communities per advisor to account for the extra time

and effort required to work with communities that have fewer staff and resources. Overall, the fourth round was successful with a total of 20 designated communities. More about each round of advisors is below.

### First Round of Advisors

Toward the end of 2016, TSF began recruiting the first round of Advisors. The TAP team selected an impressive group of Advisor candidates, and TSF commenced training and onboarding. The first round of the Advisors program involved 10 Advisors serving 32 individual local governments. SolSmart surveyed these local governments about their Advisor experience and all respondents indicated both a 100% satisfaction rate and likelihood of recommending the Advisors program to other communities. The first round of Advisors resulted in 33 designated communities. Feedback confirmed this model worked and as a result, SolSmart proceeded to a second round.

### Results of First Round of Advisors

Advisor Round	Advisor Organization	Communities Designated	Year
1 <sup>st</sup> Round	Atlanta, GA	4 GA Communities	2017
	Oklahoma City, OK	1 OK Community	2017
	Duluth, MN	1 MN Community	2017
	Adams County/Lafayette, CO	2 CO Communities	2017
	Charlottesville/ Albemarle County, VA	2 VA Communities	2017
	Providence, RI	1 RI Community	2017
	Delaware Valley Regional Planning Commission	8 PA Communities	2017
	Metropolitan Area Planning Council	7 MA Communities	2017
	Michiana Area COG	3 IN Communities	2017
	Chapel Hill/Carrboro/Orange Co., NC and Richmond, VA	1 VA and 3 NC Communities	2017
Total of Designated Communities		<b>33 Communities</b>	<b>2017</b>

### Second Round of Advisors

The second round of Advisors was launched in December of 2016. This round was split into two cohorts: a “Fast Track” and “Standard Track.” The TAP selected 11 applicants to serve as Host Communities for the “Standard Track”.

With DOE approval, TSF also developed a request for proposal to specifically target regional organizations with existing expertise, community connections, and staff capacity to participate as both a Host Community and Advisor in the second round of the program. This allowed the TAP to expedite the Advisor selection process for these entities, thus providing a “fast track” application path for organizations that allowed them to get started right away in qualifying communities for designation. The second round of Advisors resulted in 100 designated communities.

**Results of Second Round of Advisors (“Fast Track” and “Standard Track”)**

Advisor Round	Advisor Organization	Communities Designated	Year
2nd Round Fast Track	Montana Renewable Energy Association	6 MT Communities	2017/ 2018
	Sustainable CUNY	8 NY Communities	2017/ 2018
	Spark Northwest	6 WA Communities	2017/ 2018
	Colorado Solar Energy Industries Association	11 CO Communities	2017/ 2018
	Connecticut Green Bank	6 CT Communities	2017/ 2018
	Great Plains Institute	6 MN and 2 IO Communities	2017/ 2018
2nd Round – Standard	Midwest Renewable Energy Association	5 WI and 2 IA Communities	2017/ 2018
	Metropolitan Mayors Caucus	15 IL Communities	2017/ 2018
	West Palm Beach, FL	1 FL Community	2017/ 2018
	Lake Worth, FL	1 FL Community	2017/ 2018
	Delray Beach, FL	1 FL Community	2017/ 2018
	Lantana, FL	1 FL Community	2017/ 2018
	Palm Beach County, FL	1 FL Community	2017/ 2018
	Northern Middlesex Council of Governments	4 MA Communities	2017/ 2018
	Southeast Ohio Public Energy Council	4 OH Communities	2017/ 2018
	Northern Virginia Regional Commission	5 VA Communities	2017/ 2018

	Mid-America Regional Council	7 MO and 2 KS Communities	2017/ 2018
	North Central Texas Council of Governments	6 TX Communities	2017/ 2018
Total of Designated Communities	<b>100 Communities</b>	<b>2017/ 2018</b>	

### Third Round of Advisors

In April 2018, TSF started recruiting for the third round of Advisors. There were two application pathways: 1) an application led by a Host Community wishing to host an Advisor for themselves and other communities and 2) an application led by an organization wishing to serve as an Advisor to multiple communities. To date, this round included the highest number of participating communities. The third round of Advisors resulted in 106 designated communities.

### Results of Third Round of Advisors

Advisor Round	Advisor Organization	Communities Designated	Year
Round 3 Organization-Based	South Florida Regional Planning Commission	13 FL Communities	2019
	Metropolitan (Met) Council	7 MN Communities	2019
	EcoMotion	8 CA Communities	2019
	Winneshiek Energy District	6 IA Communities	2019
	Clean Energy Resource Teams (CERTs)	9 MN Communities	2019
	Delaware Valley RPC	4 NJ and 6 PA Communities	2019
	Michiana Area COG	5 IN Communities	2019
	Midwest Renewable Energy Association (MREA)	10 WI Communities	2019
	Metropolitan Mayors Caucus	20 IL Communities	2019
	ICLEI	1 SC, 1 MI, 1 OH, 1 NM, 1 NY Community	2019
	Great Plains Institute	1 MN Community	2019

Community-Based Advisors	Southwest Virginia Cohort – Gary Hearl	8 VA Communities	2019
	NCCETC Cohort	3 VA and 1 NC Community	2019
Total of Designated Communities		<b>106 Communities</b>	<b>2019</b>

#### Fourth Round of Advisors

The fourth round of Advisors was launched following the results of the evaluation and at the time that the program was including more focus on equity goals. In this round of Advisors, TSF's primary objective for the RFP solicitation was to recruit qualified organizations to serve as SolSmart Advisors to increase the total number of under-resourced communities designated under the program. A secondary objective was to increase the total number of designated local jurisdictions, especially in states where there are few or no current designated cities and counties.

The pandemic brought on recruitment challenges and outreach during this round was difficult. In July 2021, the TAP team conducted the first virtual Advisor training for the selected Advisor organizations. During this time, TSF created a Technical Assistance playbook that streamlined the TA process, as well as a new Advisor Playbook. The TAP team developed templates, community facing materials, examples, and checklists that the new Advisors could utilize. During this round, SolSmart also designated five underserved municipalities in Puerto Rico. The fourth round of Advisors resulted in 20 designated communities.

#### Results of Fourth Round of Advisors

Advisor Round	Advisor Organization	Communities Designated	Year
Round 4	Unpredictable City	3 OH Communities	2022
	Warm Springs Consulting	6 ID Communities	2022
	Institute for Building and Technology Safety	5 PR Communities	2022
	North Carolina Clean Energy Technology Center	4 NC, 1 SC and 1 FL Community	2022
Total of Designated Communities		<b>20 Communities</b>	<b>2022</b>

The impact that the Advisor program had was greater than simply the communities that received designation. The technical assistance training that Advisors received proved

valuable beyond the advisor engagement. Many of the advisors continued to work with communities in their region even after their formal round was complete. Over the last six years, the **Advisor program** has brought in over 60% of the total SolSmart designees, responsible for **282 designated communities** when these additional communities are included. All Advisors have exceeded the milestone target of 80% of the satisfaction rate and the number of communities designated in their respective cohorts.

- **States Program**

The Advisor program further expanded in late 2019 to include partnerships with state energy offices, which receive training to support “sponsored advisors” that were sponsored by the state offices. For these partnerships, SolSmart empowered states to support their municipalities and counties in working toward SolSmart designation. Through this initiative, the SolSmart TAP team trained state representatives to promote SolSmart, enroll jurisdictions in the program, and work with them to achieve designation. In this way, the state program was similar to the SolSmart Advisors program, except that states were asked to support the program at their expense.

States were encouraged to participate in SolSmart in one of two ways:

1. Dedicate staff to supporting the SolSmart program, or
2. Retain a regional entity to support the program.

The initiative was launched in the fall of 2019 with the first state, Virginia, joining in the winter of 2020. Virginia enacted both above approaches by dedicating a staff person and retaining a university affiliate to support the program. In addition, the state set up its own website for SolSmart in Virginia and helped bring three communities in Virginia to SolSmart designation. There are now 26 designees total in Virginia, making it rank among the highest states in the nation (6th overall) for the number of SolSmart designees.

Beginning in the summer of 2021, IREC retained the National Association of State Energy Officials (NASEO) to support efforts to reach out to states. Two additional states, Michigan and Colorado, joined the initiative in the second half of 2021. As of 3/31/2022, Michigan’s partnership with the SolSmart program has resulted in outreach to a number of interested communities through the state and 8 communities that have verbally expressed interest in learning more about the program.

Through this process, IREC pursued other opportunities for “sponsored advisors” from organizations, like states, that might be willing to fund staff in support of SolSmart. Minnesota’s Metropolitan Council began as a sponsored advisor prior to the state program and continued in that capacity by engaging with 42 communities, bringing 20 communities to designation, and making Minnesota second in the nation in the number of designees. More recently, in 2021, the Southeast Ohio Public Energy Council agreed to become a sponsored advisor.

- **Underserved Communities/Equity Work**

With the results of the evaluation showing that under-resourced communities were less likely to participate in the SolSmart program, and with the increasing focus of the SolSmart program on “underserved” populations, the TAP team began a two-pronged approach in Fall of 2020. First, there was a focus on developing tools for communities to use that ensure that underserved populations within a community had equal opportunities to participate in solar. The designation criteria were reviewed with an “equity lens” that described how to incorporate measures that are inclusive and support equitable access to clean energy. The result was an equity guide called [SolSmart Guidance for Advancing Solar Equity](#).

Second, there was a focus on recruitment of under-resourced communities. A working definition of this was created based on Median Household Income (MHI) and population size. The specific parameters to define a community as under-resourced are 1. The community’s MHI is less than its state’s MHI and 2. A population of less than 75,000 for counties or 50,000 for non-counties. Using this definition, the current designee list is 32% under-resourced communities. The TAP team initiated a campaign in two states, Georgia and Texas, that reached out to communities that were within the population and MHI parameters. There were nearly 600 communities contacted combined, with some responses, but only a slow trickle of enrollments from this campaign. This campaign provided important lessons learned for the program as we pursue additional strategies to reach underserved communities. Communities told us their biggest obstacle was the lack of available funding for them to incorporate best practices to pursue designation, pointing to a need in the next criteria to have some guidance for communities to secure funding for reaching their solar goals.

Our focus on underserved/under-resourced communities also included a fourth round of Advisors that recruited and provided technical assistance specifically to communities meeting the Advisor organization’s definition of underserved. Please see the above section for more information on the fourth round of Advisors.

- **Regional Organizations**

In the spring of 2019, the SolSmart program expanded its outreach to include the Regional Organization Pathway, a process specifically tailored to meet the goals and needs of regional organizations. The Regional Organization Pathway is a set of criteria that regional organizations complete to achieve designation and develop solar-friendly regions. Eligible regional organizations include but are not limited to councils of governments (COGs), metropolitan planning organizations (MPOs), regional councils, economic development districts, and other regional development organizations. The goal of this designation pathway for regional organizations to help make the SolSmart program accessible to more localities in their jurisdiction.

Momentum gathered for the pathway, and in 2021, IREC added two membership organizations to the TAP team to recruit additional regional organizations, adding 6 additional regional organization designations in less than a year for a total of 13 for the program. The regional organization approach has proven to be an effective way to spur solar markets in many communities within a single region. The regional organization

work is summarized in our recent publication, [SolSmart: A Regional Approach to Solar Energy Adoption](#).

- **Technical Resources Streamlining**

A technical assistance streamlining effort was undertaken in 2020 and 2021 to especially help under-resourced communities participate in the SolSmart program as well as benefit all communities adopting SolSmart's best practices. We gathered SolSmart's leading technical assistance providers from IREC, the National League of Cities, The Cadmus Group, and the National Renewable Energy Laboratory to share lessons learned and discuss how we could better assist under-resourced communities. We convened for weekly and later bi-weekly meetings for 6-8 months. Based on these discussions, the SolSmart team created over 15 new resources intended to help underserved communities more easily obtain SolSmart credits. The clarity in the guidance and examples as well as the templates that were created for easy updating by communities streamlined the application process and reduced the administrative work needed for designation.

The TAP team also developed a series of Community Examples which show how each SolSmart credit (e.g. permitting checklist) has been fulfilled by communities nationwide. When possible, one or more Community Examples are included for each criterion within the SolSmart Program Guide, so that communities pursuing a credit can see how others have achieved it. The SolSmart team did extensive research to identify the best examples from designated and non-designated communities nationwide. For example, the cities of Chapel Hill, North Carolina and Philadelphia, Pennsylvania, both created excellent solar PV permitting checklists that align with best practices.

Below is a list of new resources created to streamline the SolSmart designation process for underserved communities, with links to where they can be found on the SolSmart website. The Community Examples can be found in the [SolSmart Program Guide](#).

- [Solar Permitting Checklist Template \(PI-1\)](#)
- [Solar Permit Training Memo Template \(PI-2\)](#)
- [Solar Inspection Training Memo Template \(PI-3\)](#)
- [Solar Permit Application Template \(PI-7\)](#)
- [Solar Residential Fees Memo Template \(PI-10\)](#)
- [Solar Commercial Fees Memo Template \(PI-11\)](#)
- [Solar Field Inspection Checklist Template \(PI-12\)](#)
- [Solar Fire Training Memo Template \(PI-16\)](#)
- [Large-Scale Solar Training Memo Template \(PI-17\)](#)
- [Energy Storage Field Inspection Checklist Template \(PI-20\)](#)
- [Solar Zoning Review Memo Template \(PZ-1\)](#)
- [Solar Planning & Zoning Training Memo Template \(PZ-18\)](#)
- [Solar Landing Page Template \(CE-1\)](#)
- [Updated SolSmart Program Guide](#)
- [SolSmart Best Practices in Solar and Zoning \(Model Solar Ordinance\)](#)

- [SolSmart's National Simplified Residential PV and Energy Storage Permit Guidelines](#)

Additionally, several of our internal resources were updated including our Technical Assistance Provider Playbook where best practices for providing technical assistance to communities provided increased guidance and examples; our Advisor Playbook, which had a similar role for our Advisors; and our SolSmart Credits Community Examples Spreadsheet, which is used by technical assistance providers to find additional resources for communities.

- [\*\*New Solar Technologies\*\*](#)

The SolSmart TAP team led by TSF/IREC consistently leveraged our expertise in local governments and solar energy to provide new information for communities. One area that was developed as a recommended way to use the SolSmart criteria with a focus on large-scale solar development. While the initial focus of the SolSmart program was on roof-top residential deployment of solar, we saw increasing interest by rural communities in understanding best practices for large-scale solar in their communities. The [large-scale solar pathway](#) was developed following the work in Southwest Virginia. The [Large-Scale Solar Development: A Playbook for Southwest Virginia](#) provides a comprehensive look at how one region focused on large-scale development through the SolSmart program.

One area of big growth in the solar industry that the SolSmart TAP program addressed is the addition of storage components to solar installations. Local governments had concerns and questions about how to permit and inspect these systems as the interest in them grew. The TAP team did tremendous work on defining best practices and connecting with other programs doing the same to ensure standardized language throughout. The [SolSmart's National Simplified Residential PV and Energy Storage Permit Guidelines](#) mentioned above is one product that came out of these conversations.

The National Simplified Residential PV and Energy Storage Permit Guidelines include a step-by-step checklist for meeting electrical and structural requirements for solar and battery storage systems. The guidelines follow the requirements for solar and storage in the International Building, Residential, and Electrical Codes, published by the International Code Council with the intention to get local governments on the same page with solar and storage contractors to facilitate a smooth construction process.

For most communities, these guidelines will cover the majority of residential solar and storage applications. They will also free up time for localities to pursue a more detailed review for larger or more specialized projects. A separate document provides technical commentary explaining the guidelines, while a third report offers a detailed analysis of the structural aspects of the guidelines. These simplified permit guidelines are complementary with SolarAPP+, a new automated permitting platform developed by the National Renewable Energy Laboratory in consultation with SolSmart and other

partners. SolarAPP+ is an instant online permitting system that helps local governments quickly and safely approve solar projects through an instant online process.

## **8. Significant Accomplishments and Conclusions**

As of 3/31/2022, the SolSmart program has awarded a SolSmart designation to a total of 460 communities, with a total population of over 107 million people across 42 states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. This means that 1 out of every 4 people in the United States lives in a community that has committed to expanding solar development and decreasing structural barriers/costs through SolSmart designation. The accomplishments of these communities were publicized through SolSmart social media and website channels, and in more than 400 media reports referencing the SolSmart program.

Additionally, with 32% of SolSmart's designated communities (excluding regional organizations and territories) being under-resourced communities (defined as communities with less than its state's average median household income and a population of less than 75,000 for counties or 50,000 for non-counties), SolSmart has had a substantial impact in bringing affordable solar development opportunities to underserved communities across the United States.

## **9. Budget and Schedule**

The budget periods of 10/01/2015 – 10/31/2016, 11/1/2016 – 10/31/2018, and 11/01/2018 – 03/31/2022 remained as originally planned. The contract was initially awarded for \$11.918M (\$11.6M federal share, \$318k cost share). The contract novated from the original awardee (The Solar Foundation) to its successor Organization (Interstate Renewable Energy Council) in Sept 2021 (effective July 1, 2021), at which point \$794k in federal funds were added to the award for a new budget of \$12.757M (\$12.394 federal share, \$363k cost share).

The project is complete having spent 97% (\$12.31M out of \$12.76M) of the final overall budget, 96% of the federal share (\$11.95M out of \$12.39M), and 101% of the cost share (\$366k against a budget of \$363k). Costs per category largely aligned with budgeted amounts, having spent 93% of the personnel budget (\$2.09M out of \$2.24M), 92% of the fringe benefits budget (\$609k out of \$663k), 85% of the travel budget (\$56k out of \$66k), 99% of the contractual budget (\$7.08M out of \$7.14M), 88% of the other direct costs budget (\$88k out of \$100k), and 94% of the indirect costs budget (\$2.38M out of \$2.54M). Travel expenses lagged more significantly than other categories due to the Covid-19 pandemic.

## **10. Path Forward**

The DOE has extended the SolSmart program through two new grants. IREC is a

recipient of one of the grants and will continue to work with local governments to increase solar deployment across the country.

## 11. Inventions, Patents, Publications, and Other Results

The items that have been submitted to the Office of Scientific and Technical Information system are listed below.

OSTI ID	Title	Contract Number	Status	STI Product Type
1735976	Large-Scale Solar Development: A Playbook for Southwest Virginia	EE0007155	Completed	Other
1855246	Encouraging voluntary government action via a solar-friendly designation program to promote solar energy in the United States	EE0007155 ; 1737633	Completed	Journal Article
1596114	SolSmart Webinar - How to Develop a Solarize Campaign	EE0007155	Pending Release	Other
1596126	Solar and Energy Efficiency: Resources to Support Local Initiatives for Low-to-Moderate Income Communities	EE0007155	Pending Release	Other
1596130	SolSmart Issue Brief - Solar and Electrification A Beneficial Partnership	EE0007155	Pending Release	Other
1617772	SolSmart 101 Webinar	EE0007155	Pending Release	Other
1617773	Solar + Storage: A Guide for Local Governments	EE0007155	Pending Release	Other
1650236	How Local Governments Can Buy Renewable Energy and Support Market Development	EE0007155	Pending Release	Other
1650185	SolSmart Webinar - Community Choice Aggregation & Solar Development	EE0007155	Pending Release	Other

OSTI ID	Title	Contract Number	Status	STI Product Type
1776558	Solar Playbook: Making Solar Work for your Locality	EE0007155	Pending Release	Other
1765180	Land Use Considerations for Large-Scale Solar	EE0007155	Pending Release	Other
1770751	Land Use Considerations For Large-Scale Solar	EE0007155	Pending Release	Other

**12. References:** List literature references cited in the report, using the format provided in the RPPR-2 form submitted with the quarterly reports.

- <https://www.pnas.org/doi/full/10.1073/pnas.2106201119>

Appendix A: List of SolSmart Designated Communities

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Alaska	Anchorage, AK	SolSmart Bronze	9/11/2019		
Arkansas	Fayetteville, AR	SolSmart Gold	11/21/2019	11/21/2019	11/21/2019
Arizona	Oro Valley, AZ	SolSmart Silver	4/19/2017	4/25/2017	
	Sedona, AZ	SolSmart Bronze	3/4/2020		
	Pima County, AZ	SolSmart Gold	6/16/2017	6/16/2017	6/28/2017
	Maricopa County, AZ	SolSmart Bronze	2/24/2017		
California	South Bay Cities COG, CA	SolSmart Gold	8/8/2019	8/8/2019	8/8/2019
	San Francisco, CA	SolSmart Gold	3/22/2019	3/22/2019	3/22/2019
	San Carlos, CA	SolSmart Gold	8/18/2016	8/18/2016	8/18/2016
	Santa Rosa, CA	SolSmart Gold	8/24/2016	8/24/2016	8/24/2016
	Santa Monica, CA	SolSmart Gold	9/22/2016	9/22/2016	9/22/2016
	Fremont, CA	SolSmart Gold	9/2/2016	9/2/2016	9/2/2016
	Manhattan Beach, CA	SolSmart Gold	3/18/2019	3/18/2019	3/18/2019
	Marin County, CA	SolSmart Bronze	7/7/2017		
	Berkeley, CA	SolSmart Gold	10/15/2018	10/15/2018	10/15/2018
	Palm Springs, CA	SolSmart Gold	6/8/2018	6/8/2018	6/8/2018
	Oakland, CA	SolSmart Gold	7/5/2018	7/5/2018	7/5/2018
	Walnut Creek, CA	SolSmart Gold	2/20/2019	2/20/2019	2/20/2019
	West Hollywood, CA	SolSmart Gold	10/5/2016	7/31/2017	7/31/2017
	Rancho Palos Verdes, CA	SolSmart Gold	2/8/2019	2/8/2019	2/8/2019
	Redwood City, CA	SolSmart Gold	9/9/2016	11/1/2016	11/1/2016
	San Jose, CA	SolSmart Gold	9/3/2019	9/3/2019	9/3/2019
	Carson, CA	SolSmart Gold	3/29/2019	3/29/2019	3/29/2019
	Contra Costa County, CA	SolSmart Bronze	7/10/2017		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
California (cont'd)	Cupertino, CA	SolSmart Gold	3/29/2017	7/14/2017	7/14/2017
	Sonoma County, CA	SolSmart Gold	6/15/2017	6/15/2017	6/15/2017
	Claremont, CA	SolSmart Gold	9/14/2016	11/3/2016	11/3/2016
	San Diego County, CA	SolSmart Gold	8/24/2017	8/24/2017	8/24/2017
	Inyo County, CA	SolSmart Bronze	9/26/2016		
	San Leandro, CA	SolSmart Silver	10/7/2020	11/18/2021	
	Huntington Beach, CA	SolSmart Gold	4/26/2017	4/27/2017	4/27/2017
	Palos Verdes Estates, CA	SolSmart Silver	9/3/2019	9/3/2019	
	El Segundo, CA	SolSmart Gold	7/25/2019	7/25/2019	8/23/2019
	Gardena, CA	SolSmart Gold	7/25/2019	7/25/2019	8/1/2019
	Hawthorne, CA	SolSmart Silver	7/25/2019	7/25/2019	
	Sacramento, CA	SolSmart Gold	3/28/2017	6/5/2017	6/5/2017
	Davis, CA	SolSmart Gold	3/27/2017	3/27/2017	3/27/2017
	Redondo Beach, CA	SolSmart Bronze	3/6/2018		
	Torrance, CA	SolSmart Gold	3/25/2019	3/25/2019	3/25/2019
Colorado	Westminster, CO	SolSmart Gold	4/12/2021	12/16/2021	12/16/2021
	Lafayette, CO	SolSmart Gold	7/24/2017	7/24/2017	7/24/2017
	Denver, CO	SolSmart Gold	9/6/2016	2/23/2017	2/23/2017
	Fort Collins, CO	SolSmart Gold	9/22/2016	9/22/2016	9/22/2016
	Golden, CO	SolSmart Silver	9/21/2017	9/21/2017	
	Lakewood, CO	SolSmart Bronze	8/25/2017		
	Aurora, CO	SolSmart Bronze	8/9/2017		
	City of Boulder, CO	SolSmart Gold	9/9/2016	9/9/2016	9/9/2016
	Boulder County, CO	SolSmart Silver	9/8/2016	9/8/2016	
	Nederland, CO	SolSmart Bronze	2/21/2022		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Colorado (cont'd)	Longmont, CO	SolSmart Gold	9/11/2017	9/17/2020	10/22/2021
	Adams County, CO	SolSmart Gold	7/17/2017	7/21/2017	7/21/2017
	Brighton, CO	SolSmart Gold	8/25/2017	9/8/2017	9/8/2017
	Silt, CO	SolSmart Gold	10/11/2019	10/11/2019	10/11/2019
	Glenwood Springs, CO	SolSmart Silver	2/7/2022	2/7/2022	
	Broomfield, CO	SolSmart Bronze	9/27/2017		
	Durango, CO	SolSmart Gold	12/6/2017	12/6/2017	12/28/2018
	Routt County, CO	SolSmart Silver	12/28/2020	12/28/2020	
	San Miguel County, CO	SolSmart Gold	12/5/2018	2/18/2020	2/18/2020
	Garfield County, CO	SolSmart Gold	4/9/2021	4/9/2021	4/9/2021
	Summit County, CO	SolSmart Gold	5/22/2020	6/21/2021	6/21/2021
	Superior, CO	SolSmart Bronze	1/3/2019		
	Carbondale, CO	SolSmart Silver	5/15/2019	5/15/2019	
	Steamboat Springs, CO	SolSmart Silver	12/23/2020	12/23/2020	
	Frisco, CO	SolSmart Silver	10/15/2021	10/15/2021	
	Jefferson County, CO	SolSmart Gold	8/22/2017	8/22/2017	8/22/2017
	Delta County, CO	SolSmart Gold	8/25/2017	9/12/2018	9/12/2018
	Clear Creek County, CO	SolSmart Gold	10/6/2017	10/6/2017	10/6/2017
	Pueblo, CO	SolSmart Bronze	4/5/2018		
	Pueblo County, CO	SolSmart Bronze	11/7/2017		
	Edgewater, CO	SolSmart Bronze	3/30/2022		
	Breckenridge, CO	SolSmart Silver	12/5/2018	12/5/2018	
Connecticut	Coventry, CT	SolSmart Gold	7/18/2017	7/18/2017	7/18/2017
	Branford, CT	SolSmart Bronze	12/22/2020		
	Hartford, CT	SolSmart Gold	8/18/2016	8/18/2016	10/17/2016
	Middletown, CT	SolSmart Silver	11/20/2017	11/20/2017	

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Connecticut (cont'd)	Stratford, CT	SolSmart Gold	9/1/2017	9/1/2017	9/1/2017
	Hamden, CT	SolSmart Silver	11/16/2017	11/16/2017	
	Fairfield, CT	SolSmart Gold	12/8/2017	12/8/2017	12/8/2017
	Guilford, CT	SolSmart Bronze	6/17/2021		
	South Central Regional Council of Governments	SolSmart Silver	4/27/2021	4/27/2021	
District of Columbia	Washington, DC	SolSmart Gold	4/10/2017	4/10/2017	4/10/2017
Florida	Palm Beach County, FL	SolSmart Gold	9/8/2017	9/8/2017	3/25/2020
	Deerfield Beach, FL	SolSmart Silver	6/27/2019	6/27/2019	
	Ft. Lauderdale, FL	SolSmart Gold	1/29/2019	5/7/2019	5/7/2019
	Hallandale Beach, FL	SolSmart Silver	4/5/2019	4/5/2019	
	Lake Worth, FL	SolSmart Bronze	10/17/2017		
	Miami Beach, FL	SolSmart Gold	10/12/2017	4/26/2019	4/26/2019
	Miami-Dade County, FL	SolSmart Gold	4/21/2017	5/15/2019	5/15/2019
	Miramar, FL	SolSmart Silver	3/21/2019	3/21/2019	
	Orlando, FL	SolSmart Gold	11/3/2016	12/20/2017	12/20/2017
	Pinecrest, FL	SolSmart Silver	11/3/2016	1/5/2017	
	Pompano Beach, FL	SolSmart Gold	3/29/2019	3/29/2019	6/5/2019
	Tamarac, FL	SolSmart Gold	4/5/2019	4/5/2019	5/6/2019
	Tampa, FL	SolSmart Bronze	11/30/2020		
	West Palm Beach, FL	SolSmart Gold	9/6/2017	1/23/2018	1/23/2018
	Broward County, FL	SolSmart Bronze	8/7/2018		
	Satellite Beach, FL	SolSmart Gold	10/17/2016	10/17/2016	10/17/2016
	Pensacola, FL	SolSmart Gold	3/14/2022	3/14/2022	3/14/2022
	Maitland, FL	SolSmart Silver	7/21/2020	7/21/2020	
	Miami Lakes, FL	SolSmart Bronze	8/16/2019		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Florida (cont'd)	Leon County, FL	SolSmart Gold	6/4/2020	6/4/2020	6/4/2020
	Stuart, FL	SolSmart Bronze	2/9/2021		
	Alachua County, FL	SolSmart Silver	6/25/2019	6/25/2019	
	El Portal, FL	SolSmart Bronze	7/24/2019		
	Winter Park, FL	SolSmart Gold	1/12/2018	1/12/2018	1/15/2020
	Miami Shores Village, FL	SolSmart Silver	6/24/2019	6/24/2019	
	Orange County, FL	SolSmart Gold	8/7/2018	8/7/2018	8/7/2018
	Sarasota, FL	SolSmart Bronze	6/6/2019		
	Boynton Beach, FL	SolSmart Gold	2/9/2018	2/9/2018	2/9/2018
	Delray Beach, FL	SolSmart Bronze	10/20/2017		
	Boca Raton, FL	SolSmart Silver	7/30/2019	3/19/2021	
	Lantana, FL	SolSmart Gold	10/16/2017	2/9/2018	2/9/2018
	South Miami, FL	SolSmart Silver	6/1/2018	10/3/2018	
	Coral Gables, FL	SolSmart Silver	4/16/2019	8/5/2021	
	Sarasota County, FL	SolSmart Silver	5/14/2020	6/19/2020	
Georgia	DeKalb County, GA	SolSmart Bronze	5/15/2017		
	Atlanta, GA	SolSmart Gold	3/13/2017	3/29/2017	4/20/2017
	Savannah, GA	SolSmart Bronze	7/6/2017		
	Atlanta Regional Commission	SolSmart Bronze	3/22/2022		
	Doraville, GA	SolSmart Bronze	1/10/2022		
	Putnam County, GA	SolSmart Silver	11/12/2020	11/12/2020	
	Athens-Clarke County, GA	SolSmart Bronze	7/10/2017		
Iowa	Ames, IA	SolSmart Silver	3/17/2017	3/17/2017	
	Linn County, IA	SolSmart Gold	7/11/2017	7/11/2017	12/20/2017
	Johnson County, IA	SolSmart Gold	7/10/2017	7/10/2017	9/7/2017
	Perry, IA	SolSmart Bronze	11/1/2016		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Iowa (cont'd)	Monona, IA	SolSmart Bronze	12/11/2019		
	Elkader, IA	SolSmart Bronze	10/11/2019		
	Cresco, IA	SolSmart Bronze	11/6/2019		
	Guttenberg, IA	SolSmart Bronze	10/21/2019		
	Howard County, IA	SolSmart Bronze	11/8/2019		
	Fairfield, IA	SolSmart Bronze	3/1/2018		
	Council Bluffs, IA	SolSmart Gold	7/20/2021	7/20/2021	8/12/2021
	Cedar Rapids, IA	SolSmart Gold	1/19/2018	1/19/2018	1/19/2018
	Decorah, IA	SolSmart Bronze	8/23/2019		
Idaho	Pocatello, ID	SolSmart Silver	3/30/2022	3/30/2022	
	Meridian, ID	SolSmart Bronze	3/17/2022		
	Hailey, ID	SolSmart Silver	3/30/2022	3/30/2022	
	Boise, ID	SolSmart Gold	2/20/2018	2/20/2018	2/20/2018
	Blaine County, ID	SolSmart Silver	3/29/2022	3/29/2022	
	McCall, ID	SolSmart Bronze	3/24/2022		
Illinois	Mundelein, IL	SolSmart Silver	4/27/2021	4/27/2021	
	Roselle, IL	SolSmart Silver	2/25/2020	4/19/2021	
	Village of Deer Park, IL	SolSmart Silver	5/7/2019	5/7/2019	
	Evanston, IL	SolSmart Gold	10/9/2017	10/12/2017	10/12/2017
	Northbrook, IL	SolSmart Gold	2/18/2020	3/27/2020	11/19/2021
	Urbana, IL	SolSmart Bronze	5/24/2017		
	Chicago, IL	SolSmart Gold	7/18/2017	7/18/2017	7/18/2017
	Glencoe, IL	SolSmart Bronze	12/22/2017		
	Bensenville, IL	SolSmart Silver	3/1/2022	3/1/2022	
	Grayslake, IL	SolSmart Bronze	4/15/2020		
	Park Forest, IL	SolSmart Gold	12/5/2017	1/18/2018	1/18/2018

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Illinois (cont'd)	Schaumburg, IL	SolSmart Silver	12/21/2017	12/21/2017	
	Lake County, IL	SolSmart Gold	5/7/2019	3/31/2020	4/21/2021
	South Barrington, IL	SolSmart Gold	12/15/2017	12/15/2017	1/31/2018
	Hoffman Estates, IL	SolSmart Bronze	5/22/2019		
	Winnetka, IL	SolSmart Bronze	5/3/2019		
	Lake Forest, IL	SolSmart Bronze	5/3/2019		
	Naperville, IL	SolSmart Silver	3/21/2019	5/7/2019	
	Round Lake Beach, IL	SolSmart Bronze	5/9/2019		
	Rockford, IL	SolSmart Gold	5/7/2019	5/7/2019	5/7/2019
	Libertyville, IL	SolSmart Silver	5/8/2019	5/22/2019	
	Palos Park, IL	SolSmart Bronze	5/6/2019		
	Hillside, IL	SolSmart Bronze	5/14/2019		
	Carol Stream, IL	SolSmart Gold	3/7/2022	3/7/2022	3/7/2022
	Northlake, IL	SolSmart Bronze	2/22/2022		
	Geneva, IL	SolSmart Bronze	3/3/2022		
	Mount Prospect, IL	SolSmart Gold	2/16/2022	2/16/2022	2/16/2022
	Gurnee, IL	SolSmart Bronze	2/25/2022		
	Westmont, IL	SolSmart Bronze	2/14/2022		
	Broadview, IL	SolSmart Silver	2/25/2022	2/25/2022	
	Hazel Crest, IL	SolSmart Bronze	3/11/2022		
	Village of Palatine, IL	SolSmart Bronze	12/2/2019		
	Woodridge, IL	SolSmart Gold	2/19/2019	3/29/2019	6/22/2021
	Highland Park, IL	SolSmart Silver	1/15/2018	1/18/2022	
	Will County, IL	SolSmart Gold	6/30/2017	12/7/2017	12/7/2017
	Warrenville, IL	SolSmart Gold	5/7/2019	10/23/2019	10/23/2019
	Freeport, IL	SolSmart Gold	5/6/2020	5/6/2020	5/18/2020

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Illinois (cont'd)	Richton Park, IL	SolSmart Silver	12/22/2017	12/22/2017	
	Cook County, IL	SolSmart Bronze	1/31/2018		
	DuPage County, IL	SolSmart Bronze	3/1/2019		
	Elgin, IL	SolSmart Silver	2/21/2019	5/3/2019	
	Skokie, IL	SolSmart Bronze	5/11/2020		
	Montgomery, IL	SolSmart Gold	5/6/2019	5/6/2019	5/6/2019
	Oak Park, IL	SolSmart Gold	6/15/2018	6/15/2018	6/15/2018
	River Forest, IL	SolSmart Bronze	5/8/2019		
	Oak Forest, IL	SolSmart Bronze	2/22/2022		
	Park Ridge, IL	SolSmart Bronze	5/6/2019		
	Aurora, IL	SolSmart Gold	12/20/2017	12/20/2017	1/25/2018
	La Grange, IL	SolSmart Bronze	5/3/2019		
	Wilmette, IL	SolSmart Silver	9/4/2019	11/1/2019	
	Brookfield, IL	SolSmart Bronze	1/5/2018		
	Darien, IL	SolSmart Silver	1/19/2018	3/23/2018	
	Beach Park, IL	SolSmart Gold	12/1/2017	12/1/2017	12/1/2017
	Hawthorn Woods, IL	SolSmart Silver	11/14/2017	11/14/2017	
	Village of Bartlett, IL	SolSmart Gold	2/21/2019	5/6/2019	5/6/2019
	Village of Lake in the Hills, IL	SolSmart Gold	5/7/2019	5/7/2019	5/15/2019
	Hanover Park, IL	SolSmart Gold	12/6/2017	9/26/2018	9/26/2018
	Kane County, IL	SolSmart Bronze	10/31/2017		
	Waukegan, IL	SolSmart Gold	5/8/2019	5/8/2019	5/8/2019
Indiana	Zionsville, IN	SolSmart Bronze	3/11/2022		
	Michigan City, IN	SolSmart Silver	3/14/2022	3/14/2022	
	Carmel, IN	SolSmart Silver	10/1/2021	10/1/2021	
	Goshen, IN	SolSmart Gold	7/11/2017	7/11/2017	7/11/2017

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Indiana (cont'd)	Indianapolis, IN	SolSmart Silver	11/17/2016	11/17/2016	
	Michiana Area COG	SolSmart Bronze	1/19/2022		
	South Bend, IN	SolSmart Gold	9/15/2017	1/5/2021	1/5/2021
	St. Joseph County, IN	SolSmart Gold	2/5/2020	2/5/2020	3/13/2020
	Marshall County, IN	SolSmart Gold	10/3/2019	10/3/2019	10/3/2019
	Plymouth, IN	SolSmart Gold	9/25/2019	9/25/2019	9/25/2019
	Elkhart County, IN	SolSmart Gold	9/26/2019	9/26/2019	9/26/2019
	Nappanee, IN	SolSmart Bronze	5/18/2017		
	Ohio Kentucky Indiana (OKI) COG	SolSmart Silver	12/28/2020	12/28/2020	
Kansas	Shawnee, KS	SolSmart Silver	3/15/2018	6/22/2021	
	Johnson County, KS	SolSmart Gold	8/27/2018	8/27/2018	8/27/2018
Kentucky	Louisville, KY	SolSmart Gold	2/16/2017	2/16/2017	2/16/2017
Massachusetts	Somerville, MA	SolSmart Gold	9/6/2016	4/27/2017	4/27/2017
	Tyngsborough, MA	SolSmart Gold	1/5/2018	1/5/2018	1/5/2018
	Boston, MA	SolSmart Bronze	8/17/2017		
	Cambridge, MA	SolSmart Bronze	8/4/2017		
	Lexington, MA	SolSmart Silver	11/13/2020	11/19/2021	
	Dracut, MA	SolSmart Gold	1/17/2018	1/17/2018	1/17/2018
	Pepperell, MA	SolSmart Gold	4/7/2021	4/7/2021	4/7/2021
	Framingham, MA	SolSmart Silver	5/31/2019	5/31/2019	
	Dartmouth, MA	SolSmart Bronze	4/21/2017		
	Chelmsford, MA	SolSmart Gold	1/24/2018	1/24/2018	1/24/2018
	Natick, MA	SolSmart Gold	4/27/2017	10/30/2017	10/30/2017
	Wintthrop, MA	SolSmart Silver	7/27/2017	6/8/2018	
	Chelsea, MA	SolSmart Bronze	9/8/2017		
	Gloucester, MA	SolSmart Silver	10/4/2019	10/4/2019	

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Massachusetts (cont'd)	Melrose, MA	SolSmart Bronze	7/5/2017		
	Lowell, MA	SolSmart Gold	1/11/2018	1/11/2018	1/11/2018
	Andover, MA	SolSmart Bronze	7/5/2018		
	Wellesley, MA	SolSmart Silver	12/5/2018	12/5/2018	
Maryland	Laurel, MD	SolSmart Gold	10/30/2017	10/30/2017	5/6/2021
	Montgomery County, MD	SolSmart Gold	12/16/2020	12/16/2020	12/16/2020
	Carroll County, MD	SolSmart Silver	10/15/2018	10/15/2018	
Maine	Topsham, ME	SolSmart Bronze	3/22/2022		
Michigan	Grand Rapids, MI	SolSmart Silver	12/19/2019	12/19/2019	
	Ann Arbor, MI	SolSmart Silver	12/7/2020	2/24/2021	
	Ypsilanti, MI	SolSmart Gold	3/27/2017	3/27/2017	4/24/2017
	East Lansing, MI	SolSmart Gold	11/22/2019	11/22/2019	11/22/2019
Minnesota	Duluth, MN	SolSmart Gold	5/22/2017	5/22/2017	9/8/2017
	Red Wing, MN	SolSmart Silver	9/20/2017	2/7/2018	
	Bloomington, MN	SolSmart Gold	12/5/2018	1/2/2019	1/2/2019
	Stearns County, MN	SolSmart Silver	11/6/2017	11/6/2017	
	Saint Paul, MN	SolSmart Gold	9/9/2016	4/11/2017	4/11/2017
	Chisago County, MN	SolSmart Silver	11/6/2017	11/6/2017	
	Northfield, MN	SolSmart Silver	11/16/2021	11/16/2021	
	Ramsey County, MN	SolSmart Bronze	5/28/2019		
	South St. Paul, MN	SolSmart Bronze	11/13/2020		
	Golden Valley, MN	SolSmart Bronze	7/2/2019		
	St. Louis Park, MN	SolSmart Gold	12/28/2018	5/7/2021	2/24/2022
	St. Anthony Village, MN	SolSmart Silver	3/18/2019	6/7/2019	
	Falcon Heights, MN	SolSmart Bronze	6/8/2018		
	Hopkins, MN	SolSmart Bronze	3/11/2022		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Minnesota (cont'd)	Coon Rapids, MN	SolSmart Silver	10/15/2021	10/15/2021	
	Maplewood, MN	SolSmart Silver	10/20/2017	10/20/2017	
	Metropolitan (Met) Council, MN	SolSmart Gold	2/13/2019	2/13/2019	9/19/2019
	Hutchinson, MN	SolSmart Bronze	1/23/2018		
	Shorewood, MN	SolSmart Silver	2/8/2019	12/29/2021	
	Mounds View, MN	SolSmart Bronze	11/1/2021		
	Mahtomedi, MN	SolSmart Bronze	7/31/2019		
	Burnsville, MN	SolSmart Bronze	10/7/2019		
	Eden Prairie, MN	SolSmart Gold	9/6/2019	9/6/2019	9/6/2019
	Edina, MN	SolSmart Gold	1/15/2019	1/15/2019	1/15/2019
	Belle Plaine, MN	SolSmart Bronze	11/6/2018		
	Roseville, MN	SolSmart Gold	8/6/2019	8/6/2019	8/6/2019
	Carlton County, MN	SolSmart Bronze	9/19/2019		
	Warren, MN	SolSmart Bronze	10/30/2019		
	Crystal Bay, MN	SolSmart Bronze	11/22/2019		
	Bemidji, MN	SolSmart Bronze	9/30/2019		
	La Crescent, MN	SolSmart Gold	10/23/2019	2/26/2021	4/14/2021
	Clay County, MN	SolSmart Silver	10/8/2019	12/31/2019	
	Pine County, MN	SolSmart Bronze	9/19/2019		
	Dawson, MN	SolSmart Bronze	10/8/2019		
	Jordan, MN	SolSmart Silver	11/6/2018	6/4/2021	
	Minneapolis, MN	SolSmart Gold	9/14/2016	9/14/2016	9/14/2016
	Region Nine Development Commission	SolSmart Silver	1/19/2022	1/19/2022	
	Woodbury, MN	SolSmart Silver	12/20/2021	12/20/2021	
	Winona, MN	SolSmart Bronze	11/20/2019		
	Mountain Iron, MN	SolSmart Bronze	9/4/2019		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Minnesota (cont'd)	Austin, MN	SolSmart Silver	11/13/2017	11/13/2017	
	Saint Francis, MN	SolSmart Silver	11/2/2017	11/2/2017	
	New Brighton, MN	SolSmart Bronze	7/30/2020		
	Rochester, MN	SolSmart Silver	1/19/2018	1/19/2018	
	Morris, MN	SolSmart Silver	6/24/2021	6/24/2021	
Missouri	Gladstone, MO	SolSmart Gold	9/9/2016	9/9/2016	9/9/2016
	Raymore, MO	SolSmart Gold	4/18/2017	8/21/2017	9/7/2017
	Columbia, MO	SolSmart Gold	9/1/2016	9/1/2016	9/1/2016
	Kansas City, MO	SolSmart Gold	9/26/2016	9/26/2016	9/26/2016
	Lee's Summit, MO	SolSmart Gold	4/24/2018	4/24/2018	4/24/2018
	Clay County, MO	SolSmart Silver	1/24/2018	1/24/2018	
	North Kansas City, MO	SolSmart Gold	9/6/2017	9/6/2017	9/6/2017
	Kearney, MO	SolSmart Bronze	4/9/2018		
	Independence, MO	SolSmart Bronze	2/12/2018		
	Belton, MO	SolSmart Bronze	10/5/2017		
Mississippi	Harrison County, MS	SolSmart Silver	10/17/2017	10/17/2017	
Montana	Red Lodge, MT	SolSmart Silver	1/23/2019	4/22/2019	
	Missoula County, MT	SolSmart Silver	11/16/2017	1/22/2019	
	Whitefish, MT	SolSmart Bronze	5/29/2018		
	Helena, MT	SolSmart Silver	11/20/2017	11/20/2017	
	Missoula, MT	SolSmart Silver	2/12/2018	2/12/2018	
North Carolina	Chapel Hill, NC	SolSmart Gold	4/26/2017	7/31/2017	7/31/2017
	Durham, NC	SolSmart Gold	9/18/2019	9/18/2019	12/6/2019
	Raleigh, NC	SolSmart Silver	3/11/2022	3/24/2022	
	Orange County, NC	SolSmart Silver	4/26/2017	7/19/2017	
	Apex, NC	SolSmart Gold	11/8/2019	11/8/2019	11/13/2019

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
North Carolina (cont'd)	Holly Springs, NC	SolSmart Bronze	10/15/2021		
	Carrboro, NC	SolSmart Gold	4/26/2017	7/21/2017	7/21/2017
	Cary, NC	SolSmart Gold	6/10/2021	6/10/2021	4/8/2022
	Chatham County, NC	SolSmart Gold	12/11/2018	1/18/2019	1/18/2019
	Yadkin County, NC	SolSmart Silver	1/7/2020	2/5/2020	
	Asheville, NC	SolSmart Gold	3/30/2018	3/30/2018	3/30/2018
	Greensboro, NC	SolSmart Bronze	3/14/2022		
	Wilmington, NC	SolSmart Bronze	3/24/2022		
	Boone, NC	SolSmart Gold	3/21/2022	3/21/2022	3/21/2022
	Nags Head, NC	SolSmart Bronze	3/24/2022		
Nebraska	Morrisville, NC	SolSmart Gold	1/10/2022	1/10/2022	1/10/2022
	Lincoln, NE	SolSmart Gold	4/26/2017	6/19/2019	6/19/2019
New Hampshire	Lebanon, NH	SolSmart Silver	1/2/2019	1/25/2019	
	Keene, NH	SolSmart Gold	7/6/2020	2/18/2022	2/18/2022
New Jersey	Camden County, NJ	SolSmart Bronze	8/20/2019		
	Bordentown, NJ	SolSmart Bronze	8/21/2019		
	West Windsor, NJ	SolSmart Silver	8/9/2019	9/4/2019	
	Haddonfield, NJ	SolSmart Silver	8/15/2019	8/15/2019	
New Mexico	Las Cruces, NM	SolSmart Gold	6/18/2019	6/18/2019	6/18/2019
	Santa Fe, NM	SolSmart Bronze	6/9/2020		
	Santa Fe County, NM	SolSmart Bronze	11/4/2019		
Nevada	Reno, NV	SolSmart Silver	1/6/2022	1/6/2022	
	Las Vegas, NV	SolSmart Gold	6/6/2018	6/6/2018	6/6/2018
	Clark County, NV	SolSmart Bronze	7/12/2019		
New York	New York City, NY	SolSmart Gold	2/23/2017	2/23/2017	2/23/2017
	Croton-On-Hudson, NY	SolSmart Bronze	12/24/2019		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
New York (cont'd)	Brookhaven, NY	SolSmart Bronze	6/15/2018		
	Town of Warwick, NY	SolSmart Gold	11/30/2017	11/30/2017	11/30/2017
	Huntington, NY	SolSmart Bronze	12/21/2017		
	Sullivan County, NY	SolSmart Silver	10/10/2019	10/10/2019	
	Orange County, NY	SolSmart Gold	5/24/2018	5/24/2018	5/24/2018
	Tonawanda, NY	SolSmart Silver	2/27/2018	2/27/2018	
	Erie County, NY	SolSmart Gold	1/18/2018	1/18/2018	1/18/2018
	Suffolk County, NY	SolSmart Gold	3/29/2018	3/29/2018	3/29/2018
	Saratoga Springs, NY	SolSmart Silver	9/15/2017	9/15/2017	
Ohio	Cleveland, OH	SolSmart Bronze	9/22/2017		
	Oberlin, OH	SolSmart Silver	12/11/2019	12/11/2019	
	Franklin County, OH	SolSmart Bronze	7/18/2017		
	Athens, OH	SolSmart Bronze	10/20/2017		
	Upper Arlington, OH	SolSmart Gold	1/6/2022	1/6/2022	2/22/2022
	Mid-Ohio RPC, OH	SolSmart Silver	4/27/2021	4/27/2021	
	Athens County, OH	SolSmart Bronze	11/8/2017		
	Somerset, OH	SolSmart Bronze	10/30/2017		
	Amesville, OH	SolSmart Bronze	11/6/2017		
	Delaware, OH	SolSmart Bronze	3/11/2022		
Oklahoma	Oklahoma City, OK	SolSmart Bronze	7/10/2017		
Oregon	Beaverton, OR	SolSmart Gold	4/11/2017	4/11/2017	4/11/2017
	Klamath County, OR	SolSmart Bronze	5/6/2019		
	Milwaukie, OR	SolSmart Silver	2/26/2018	2/26/2018	
	Hillsboro, OR	SolSmart Gold	4/27/2017	4/27/2017	4/27/2017
Pennsylvania	Philadelphia, PA	SolSmart Gold	9/22/2016	4/11/2017	4/11/2017
	Tredyffrin, PA	SolSmart Bronze	7/24/2020		

State	SolSmart Community	Designation Awarded	Bronze Designation Date	Silver Designation Date	Gold Designation Date
Pennsylvania (cont'd)	Edgmont, PA	SolSmart Bronze	7/27/2017		
	Media Borough, PA	SolSmart Bronze	9/24/2019		
	Pottstown, PA	SolSmart Bronze	9/12/2017		
	Lower Merion, PA	SolSmart Bronze	11/21/2017		
	Cheltenham, PA	SolSmart Bronze	10/20/2017		
	Delaware Valley RPC, PA	SolSmart Bronze	10/28/2020		
	Upper Merion Township, PA	SolSmart Bronze	8/25/2017		
	Chester, PA	SolSmart Bronze	10/20/2017		
	Millbourne, PA	SolSmart Bronze	10/25/2019		
	Doylestown, PA	SolSmart Silver	8/12/2019	8/12/2019	
	Borough of Swarthmore, PA	SolSmart Bronze	4/22/2021		
	Lansdowne, PA	SolSmart Bronze	11/13/2019		
	Kennett Square, PA	SolSmart Bronze	8/22/2019		
	Montgomery County, PA	SolSmart Silver	8/12/2019	8/20/2019	
	East Goshen, PA	SolSmart Silver	7/7/2020	9/9/2020	
Puerto Rico	Haverford Township, PA	SolSmart Bronze	3/31/2020		
	Etna Borough, PA	SolSmart Bronze	1/10/2022		
	Indiana Borough, PA	SolSmart Silver	11/18/2019	11/21/2019	
	Villalba, PR	SolSmart Bronze	3/31/2022		
	Morovis, PR	SolSmart Bronze	3/31/2022		
Rhode Island	Orocovis, PR	SolSmart Bronze	3/30/2022		
	Ciales, PR	SolSmart Bronze	3/30/2022		
South Carolina	Barranquitas, PR	SolSmart Bronze	3/30/2022		
	Providence, RI	SolSmart Silver	4/10/2017	4/10/2017	
	Columbia, SC	SolSmart Silver	11/8/2019	11/8/2019	
	Charleston County, SC	SolSmart Gold	9/23/2016	12/22/2016	4/27/2017

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	Greenville, SC	SolSmart Bronze	3/14/2022		
Tennessee	Chattanooga, TN	SolSmart Gold	12/5/2017	3/30/2018	3/30/2018
Texas	Denton, TX	SolSmart Gold	12/8/2017	9/24/2020	5/18/2021
	Kennedale, TX	SolSmart Silver	12/12/2017	12/15/2017	
	Plano, TX	SolSmart Bronze	3/1/2017		
	Austin, TX	SolSmart Gold	8/17/2016	8/17/2016	8/17/2016
	Brownsville, TX	SolSmart Silver	1/5/2018	1/5/2018	
	San Antonio, TX	SolSmart Silver	4/18/2017	10/12/2017	
	Corinth, TX	SolSmart Gold	4/12/2018	4/12/2018	7/18/2018
	Lewisville, TX	SolSmart Bronze	1/25/2018		
	El Paso, TX	SolSmart Gold	4/27/2017	4/27/2017	4/27/2017
	North Central Texas Council of Governments	SolSmart Bronze	4/28/2020		
USVI	Cedar Hill, TX	SolSmart Gold	9/29/2017	12/22/2017	12/22/2017
	Smithville, TX	SolSmart Silver	2/8/2019	10/15/2021	
	U.S Virgin Islands	SolSmart Bronze	12/28/2020		
Utah	Park City, UT	SolSmart Gold	10/19/2017	11/21/2018	11/21/2018
	Summit County, UT	SolSmart Bronze	2/10/2017		
	Salt Lake City, UT	SolSmart Bronze	2/13/2017		
	Moab, UT	SolSmart Bronze	2/9/2017		
Virginia	Newport News, VA	SolSmart Bronze	10/20/2021		
	Russell County, VA	SolSmart Bronze	7/16/2019		
	Charlottesville, VA	SolSmart Silver	4/19/2017	10/19/2017	
	City of Fairfax, VA	SolSmart Bronze	11/16/2017		
	Roanoke, VA	SolSmart Bronze	9/21/2017		
	Arlington County, VA	SolSmart Bronze	1/18/2018		

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Virginia (cont'd)	Blacksburg, VA	SolSmart Silver	6/10/2019	7/10/2019	
	Pulaski County, VA	SolSmart Gold	10/21/2020	10/21/2020	10/21/2020
	City of Alexandria, VA	SolSmart Gold	11/6/2017	10/23/2019	6/24/2020
	James City County, VA	SolSmart Bronze	6/11/2019		
	Northern Virginia Regional Commission, VA	SolSmart Gold	5/3/2019	5/3/2019	5/3/2019
	Wise County, VA	SolSmart Gold	7/2/2019	7/10/2019	8/13/2021
	Falls Church, VA	SolSmart Silver	4/24/2018	4/24/2018	
	Scott County, VA	SolSmart Bronze	7/2/2019		
	Tazewell County, VA	SolSmart Bronze	7/10/2019		
	Norton, VA	SolSmart Bronze	6/19/2019		
	Richmond, VA	SolSmart Gold	10/20/2017	11/15/2017	5/13/2021
	Dickenson County, VA	SolSmart Bronze	7/15/2019		
	New River Valley Regional Commission, VA	SolSmart Bronze	11/20/2020		
	Williamsburg, VA	SolSmart Silver	9/22/2020	9/22/2020	
	Lee County, VA	SolSmart Bronze	7/17/2019		
	St. Paul, VA	SolSmart Bronze	7/15/2019		
	Fairfax County, VA	SolSmart Gold	6/12/2019	6/12/2019	8/6/2019
	Loudoun County, VA	SolSmart Silver	12/21/2018	12/21/2018	
	Albemarle County, VA	SolSmart Bronze	7/5/2017		
	Altavista, VA	SolSmart Bronze	8/4/2020		
Vermont	Burlington, VT	SolSmart Bronze	9/15/2016		
Washington	Bainbridge Island, WA	SolSmart Bronze	1/25/2018		
	Edmonds, WA	SolSmart Bronze	8/15/2017		
	King County, WA	SolSmart Silver	4/25/2018	4/5/2019	

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Washington (cont'd)	Bellevue, WA	SolSmart Bronze	10/2/2017		
	Issaquah, WA	SolSmart Gold	11/5/2017	11/5/2017	11/5/2017
	Langley, WA	SolSmart Bronze	3/30/2018		
	Mercer Island, WA	SolSmart Gold	11/19/2017	11/19/2017	11/19/2017
Wisconsin	Ashland County, WI	SolSmart Silver	1/18/2018	1/18/2018	
	Eau Claire, WI	SolSmart Gold	5/31/2017	9/12/2017	9/12/2017
	Madison, WI	SolSmart Gold	3/13/2017	3/13/2017	3/13/2017
	Ashland, WI	SolSmart Silver	12/8/2017	12/8/2017	
	Wisconsin Rapids, WI	SolSmart Gold	1/18/2018	1/18/2018	1/18/2018
	Racine, WI	SolSmart Bronze	11/1/2019		
	Plover, WI	SolSmart Silver	9/17/2019	9/17/2019	
	La Crosse, WI	SolSmart Gold	9/11/2019	9/19/2019	4/14/2021
	Sheboygan, WI	SolSmart Bronze	9/12/2019		
	Portage County, WI	SolSmart Bronze	10/7/2019		
	Egg Harbor, WI	SolSmart Silver	9/13/2019	9/19/2019	
	Stevens Point, WI	SolSmart Gold	9/6/2019	9/6/2019	9/27/2019
	Wauwatosa, WI	SolSmart Gold	8/30/2019	8/30/2019	7/27/2021
	La Crosse County, WI	SolSmart Bronze	9/18/2019		
	Bayfield County, WI	SolSmart Bronze	12/15/2017		
	Bayfield, WI	SolSmart Bronze	12/6/2017		
	Bayside, WI	SolSmart Gold	9/16/2021	9/16/2021	9/16/2021
	Milwaukee, WI	SolSmart Gold	11/3/2016	11/3/2016	11/3/2016
	Amherst, WI	SolSmart Silver	10/4/2019	10/4/2019	
	Fitchburg, WI	SolSmart Bronze	3/1/2019		
	Wood County, WI	SolSmart Gold	11/6/2019	11/6/2019	11/6/2019