

Maryland Storage Co-op RFP



March 20, 2018

Dear Installer,

Thank you for your interest in our Maryland Storage co-op! We're excited to issue a Request For Proposal (RFP) on behalf of a group of homeowners across Maryland. The Maryland Storage Co-op is our first co-op that focuses solely on guiding residential solar homeowners through the process of installing battery storage systems in their homes. We have chosen to work with existing solar homeowners to limit the complexity, and working with homeowners who are already solar-educated will enable us to learn how best to help this sector of the marketplace. We are looking forward to working with installers to help develop a solar + storage co-op model that smoothly guides the homeowner through the installation process and helps create a more diversified energy grid.

Enclosed, please find the official RFP for this **storage** co-op. We've been organizing **solar** cooperatives since 2007, facilitating 144 different solar co-ops with thousands of participants, resulting in over 20 MW of contracted residential solar. We've collected data and feedback from participants throughout the process.

Our goal is to help as many homeowners install storage as possible. We also want to help grow a strong, vibrant distributed energy resources market in the region. By using the lessons learned from previous co-ops, we hope to apply this model to educate homeowners about battery storage and help increase energy resiliency in communities across Maryland.

As part of our effort to promote a fair and transparent solar co-op process, below we've outlined (1) our co-op program process, (2) some of our lessons learned from previous solar co-ops that are applicable to this storage co-op, and (3) our expectations for the installer that is selected by this storage co-op. We want to be as clear as possible about the storage co-op process and what to expect if the Selection Committee chooses your company.

If you have any questions about the process or installer expectations, please don't hesitate to email me at lauren@solarunitedneighbors.org.

We look forward to receiving your submissions!

Best,

Lauren Barchi
Maryland Program Director
[Solar United Neighbors](http://solarunitedneighbors.org)

Co-op process

Our co-op model involves significant community engagement. Our goal is for homeowners (businesses) to become active, informed customers as well as potential distributed energy resource advocates.

Even though Solar United Neighbors facilitates the process, co-ops belong to their participants and are stakeholder-driven. Because of this, it is critical for co-op participants themselves to select the winning proposal for each group based on the priorities of the group. We provide technical and administrative support to make this process easier for the group participants who volunteer to participate in the co-op selection committee.

We've broken the co-op process down into four phases:

Phase I: Building the group and homeowner education

Phase II: The RFP and selection process

Phase III: Proposal and installation

Phase IV: Celebration and ongoing support

More detailed information about each phase is available here:

<http://www.solarunitedneighbors.org/for-installers/>

Lessons learned from previous solar co-ops

Our aim is not to interfere with your internal processes or micromanage how you do business. We have, however, seen very different close rates within co-ops. Some of this has to do with the installer's process and approach. Below we've put together some lessons learned that we've found are helpful in getting a high close rate.

Installers with higher close rates:

- Called participants to schedule initial site visits and followed up with emails instead of just emailing.
- Scheduled site visits as soon as possible and provided quick turn-around times for sending proposals to participants (proposals received 1 week or less after site visit).
- Provided participants with a proposal *and* a final contract for signature at the same time (so customer has all information to finalize their decision).
- Had short, concise, and clear email communications with participants. When there's lots of text in a proposal or email, participants stop reading.
- Let the group know when they would be unavailable or were experiencing delays. Participants understand delays; they just want to be kept in the loop about when to expect information from installers. We can communicate this to the group as a whole and help manage expectations, too. Just let us know how things are going.



Maryland Storage Co-op RFP

- Maintained organized, updated customer tracking records. We use these records to monitor group progress and respond to participant questions and concerns.
- Communicated with us about difficulties reaching participants. We'll remain involved throughout the process and are happy to reach out to participants to reassure them, encourage scheduling site visits, signing contracts, etc. Just let us know what you need!

Our expectations

We want to be as clear as possible about the co-op process and what to expect if the selection committee chooses your company. The following are some of our expectations when working with an installer chosen by the group.

Expectations include:

- Your designated contact participates in a weekly check-in call with the assigned Solar United Neighbors project manager(s).
On the call you let us know:
 - Status of the group (number of site visits scheduled, number of proposals issued, number of signed contracts—see tracking sheet for details).
 - Questions or concerns that have come up during your site visits or interactions with customers. This allows us to respond to those questions to the group at large, helping to better educate everyone and saving you time on future site visits. It will help us calm down customers who are concerned.
 - Which participants you have had difficulty contacting. If participants do not respond to you, Solar United Neighbors will reach out in parallel.
 - Any changes in staffing capacity for the week (for example, 2 people will be out of the office for the next three days).
- The customer tracking records are updated in advance of each week's check-in call.
- You are checking each day and reaching out to new participants as they sign up.
- You provide us with a sample copy of your proposal and contract BEFORE it is sent out to participants. This way we can make sure we understand how the information is presented and are able to answer participant questions.
- You copy lauren@solarunitedneighbors.org when sending proposals to participants. This helps Solar United Neighbors track our impact through metrics like system sizes, estimated production, market investment, etc.
- You pay Solar United Neighbors \$400/signed contract within 30 days of receipt of the monthly invoice
- We'll issue promotional materials (press release and social media posts, etc.) as well as work to generate local media attention. We'll clear materials with you to the best of our ability. We will feature your company prominently while keeping bid details confidential.
- We expect you to also let your customers know about Solar United Neighbors and to encourage them to sign up for our [email list](#) as well as refer them to our [website](#) for more information about solar in their state. This will also help you lighten the load of general solar + storage questions you may get. Let us and other solar enthusiasts help instead!



Maryland Storage Co-op RFP

Request for Proposal

Executive summary

This electronic document represents a Request For Proposals that Solar United Neighbors is issuing on behalf of a group of residential homeowners in Maryland. We are issuing this RFP with the intent of selecting one project developer (“Proposer”) to provide battery storage systems for all of the participating homeowners. The participants will select one Proposer to develop all of the projects.

The Proposer will provide a single price for the group. This price will be offered to all homeowners participating in the group. The battery energy storage projects are to be installed on the property of each of the participants.

Overall timeline

1. RFP Issue Date: Tuesday, March 20
2. Proposals Due: Monday, April 2 by 5:00 p.m.
3. Selection Committee Review: week of April 9
4. Notice of Intent to Award: week of April 9
5. Contract Negotiations Completed: week of April 16
6. Deadline for new participants to sign up: Friday, May 25
7. Deadline (tentative) for all site visits completed: Friday, June 15
8. Deadline (tentative) for all proposals to participants: Friday, June 29
9. Deadline (tentative) for all signed contracts: Friday, July 27

Request for proposals scope of work

Services to be provided by Solar United Neighbors

1. Recruit participants after selection (see timeline above). We expect the numbers of participants to increase significantly by the end of the project cycle.
2. Support participants and the selected developer throughout the process.
3. Host celebration of successful co-op and public recognition of the work of the installer.
4. Distribute information should any details about the RFP be clarified or changed during the RFP period.

Services to be provided by the Developer

1. A custom proposal for each participant in the group based on the group pricing and component offerings outlined in bid. The proposal should include language that explains all the services provided in the turnkey price for the system (assessment, system design, permitting, installation, interconnection paperwork, etc.). Please copy lauren@solarunitdneighbors.org when sending proposals to participants. This helps



Maryland Storage Co-op RFP

Solar United Neighbors track our impact through metrics like system sizes, estimated production, market investment, etc.

2. Site assessment, structural assessment, design, equipment procurement, installation, monitoring setup, financing, customer training (i.e. safety rules, monitoring, maintenance, how to deal with problems, etc.), permitting, and application/management of applicable incentives.
3. \$400 per signed contract to be paid to Solar United Neighbors as a development fee. This fee should be incorporated into the proposed price, not listed as an adder.
4. Responsive communication with group participants
5. Responsive communication and coordination with Solar United Neighbors about group and individual participant status
6. Participate in public education/outreach events.
7. Installations performed in conformance with all applicable laws and codes, interconnection requirements for net-metered installations and any incentive-related installation requirements, rules, and timelines. Solar United Neighbors defers to the [SEIA Solar Business Code](#) as a determinant of fair, transparent business practices to ensure solar customers are treated in a fair and honest manner.

Technical Requirements

Batteries must:

1. *Have a product warranty that allows for replacement due to premature failure over the warranty time frame with option to extend.*

Inverters must:

1. Be included in the California Energy Commission list entitled '[List of Eligible Inverters per SB1 Guidelines](#)' or installer to provide similar performance information for selection committee from an alternate source or by referencing a CEC-listed inverter from the same product family.
2. Have a warranty that allows for replacement due to premature failure over the specified warranty time frame and be a minimum of 15 years for micro inverters and 10 years for string inverters.

Bid Requirements

Although the Selection Committee will look for competitive pricing in this RFP, price is **not** the only factor that the Selection Committee will consider. Participants also value experience in the marketplace, quality system components, and strong warranties, among other factors. We do not want the co-ops to be a "race to the bottom" in terms of system price and quality, nor do we want proposers to feel they must sacrifice quality in order to be selected.

Proposer will offer a single purchase price for the group of projects. This price will be offered to all of the homeowners participating in the solar co-op. Developers may not exclude from their proposals any of the participants involved in this RFP. Proposer does not need to



Maryland Storage Co-op RFP

provide individualized bids for each homeowner in this initial bid. If selected to develop the group of projects Proposer will provide individualized proposals for each participant.

Additional charges not included in the single purchase price must be explicitly explained in the proposal (e.g., charges for electrical upgrades, retrofitting the system, etc.) The assumption is that all costs to most homeowners are factored into the base price, and that an additional charge, if necessary, is reserved for unique homeowner circumstances. Furthermore, Solar United Neighbors will hold the chosen installer to the bid base price and additional charge prices (or lack thereof).

The Proposer selected by the group will then provide each homeowner with an individual proposal that lists at a minimum (1) the proposed system size for their home, (2) the total price of the proposed system for their home, and (3) the estimated life of the storage system specifying number of discharge/recharge cycles in the lifespan of the batteries. Please copy lauren@solarunitedneighbors.org when sending proposals to participants. The Proposer will then sign a separate bilateral contract with each of the homeowners represented under this RFP.

Bid Process

A Selection Committee, consisting of homeowners participating in the solar co-op, will review the proposals. Each Selection Committee member signs a confidentiality agreement to keep your bid details private. The Committee will select **one Proposer** to develop all of the projects for the group.

The process used to select the winning bid will be as follows:

1. Once Selection Committee participants sign confidentiality agreement, bids will be distributed to selection Committee Participants along with a summary spreadsheet created by our staff.
2. Selection committee participants will review bids independently before meeting as a group.
3. Committee participants will convene in one evening to review all bids and make a decision. During that meeting they will:
 - a. Discuss each bid
 - b. Select finalists
 - c. Contact the designated bid representative for each finalist for a brief 10 minute phone or video call during a pre-arranged call window
 - d. Make a final decision on the selected bid

If you are selected as a finalist and the committee calls you that evening you will have an opportunity to speak about your bid and to answer questions. Please abide by the following:

1. No discussions of other installers' bids, reputation, etc. This is about your proposal only.



Maryland Storage Co-op RFP

2. Please do not negotiate to change any aspect of the bid from what is in your proposal. Clarifications of what's included are acceptable.
3. Keep responses as brief as possible.

Bid Tips

Keep in mind that the bids will be reviewed by a Selection Committee made up of homeowners. While Solar United Neighbors will provide them technical assistance and support as they review bids and make their selection, they do not have a formal background in energy topics. We've found the following tips will help homeowners review your bid more easily.

1. Keep the pricing as simple as possible.
2. Keep your answers as short and clear as possible.
3. If available, Proposers are strongly encouraged to provide information about financing or leasing opportunities for homeowners participating in this co-op.
4. Reach out to the Solar United Neighbors state program director if you are not clear about any step of the RFP process. They will provide information to facilitate the bidding process and help bidders understand the needs and priorities of the specific co-op with the understanding that any information shared is available to all bidders.

Submission Requirements

We request that Proposers answer all questions in their response to this RFP. Responses will be scored based on the points assigned to each set of questions, with a maximum possible score of 100 points. The scoring of each proposal will be the exclusive discretion of the Selection Committee but based on the priorities and values of the co-op participants as a whole.

Proposals must be sent to lauren@solarunitedneighbors.org and be received by 5:00 p.m. on Monday, April 2nd. Late submissions will not be accepted, so please consider submitting before the deadline to ensure all materials have been received by Solar United Neighbors.

When developing your response to this RFP, please adhere to the following formatting requirements:

- Respond to each question using the Word template provided.
- Provide clear, concise, responses for each question.
- Include spec sheets for each battery and inverter type specified
- Include a copy of your standard contract agreement
- Include copy of general liability insurance
- Include copy of applicable jurisdiction licensing certificates
- Include any additional business promotional information, warranties, performance information, etc. at the end of the document after the template response.
- Provide a **single PDF document** that contains your entire RFP response, including all supplementary materials (i.e. Spec sheets, licenses, sample proposals, etc.). Your submission should be a **single PDF document** with no additional attachments.



Maryland Storage Co-op RFP

Solar United Neighbors will attempt to clarify any uncertainties from Proposer bids in the days between the submission deadline and the Selection Committee meeting. However, there are occasions where the Selection Committee raises questions that Solar United Neighbors cannot anticipate, and that are not clearly addressed in a Proposer's bid. We therefore ask that the Proposer be available for a phone call the evening of the Selection Committee meeting, should such questions arise. In addition, if the committee selects your bid as a finalist they will contact you and provide an opportunity for you to speak with the group and answer any specific questions they have. Following bid submission, Solar United Neighbors will notify Proposer about the date of the committee meeting.

Please note that Proposers must be current and in good standing with both a) past payments to Solar United Neighbors; and b) updated customer tracking data from previous or active co-op groups (including metrics like kW installed and interconnections completed) before new bids will be accepted.

Q&A Process

Solar United Neighbors will act as the point of contact for all solar co-op and RFP related questions on behalf of the participants covered under this RFP. Lauren Barchi will manage all communications. Please submit any questions and/or comments via email to lauren@solarunitedneighbors.org. Proposers that contact participants directly for any reason will be disqualified.

What we will disclose to group participants about your bid if you are selected

We will disclose this information to the entire group (not the public) about your winning bid:

- Equipment included in the bid
- Warranties on all equipment and installation
- System cost examples based on your bid pricing, average sizes and equipment options (noting that bid pricing and component offering is for limited co-op time frame and may not be applicable to non-co-op participants)
- Installer contact information and next steps for each homeowner
 - NOTE: If you are selected, we will work with you to clarify this.

About Solar United Neighbors

Solar United Neighbors is a community of people building a new energy system and rooftop solar is the cornerstone. We help people go solar, join together, and fight for their energy rights. We are the only organization in the country dedicated to representing the needs and interests of solar owners and clean energy supporters. For a detailed description of our history, please visit our [webpage](#).