

# Assessing Community Preferences Regarding Solar Development



4. Assess Preferences

This fact sheet is part of the *Community Planning for Solar* toolkit designed to help Massachusetts municipalities and others proactively plan for solar development in their communities. For more information, please visit: <https://ag.umass.edu/solarplanning>

## Purpose of Community Engagement

Preparing a plan regarding solar development in your community requires bringing together people from a variety of backgrounds and perspectives, who often have strong feelings and preferences about the amount and location of local solar PV projects developed in their community. The planning process should be designed in an inclusive way, where meaningful community engagement is prioritized. With a topic such as solar development, which can elicit strong reactions among community members, proactive community engagement that is perceived as fair will likely lead to more favorable outcomes. Whether your community hosts large tracts of forest, brownfields, residential neighborhoods, and/or large buildings and parking lots, there are a variety of ways community members might envision growth of solar energy. The engagement process can help clarify how and where solar is preferred, so that local government can respond to future solar development requests or to initiate solar projects that are preferred by the community.

## Options to Consider for Community Engagement

Step 4 in the *Community Planning for Solar* toolkit involves assessing community preferences regarding solar siting, capacity, community benefits, and other aspects of solar development.

Community engagement can be multi-faceted and can be one of the best ways to include as many constituents in the decision-making process as possible. The various options for engagement and feedback can build upon each other, providing a more nuanced and comprehensive understanding of the types of solar energy development that are preferred by the community.

In order to assess community preferences, we recommend first holding small focus group meetings with a small number of community participants, followed by conducting a community solar survey,

in which all community members are invited to offer their input. The *Solar Planning Team* (see *Forming a Collaborative Community Solar Planning Team* (Step 1, Item b)) may also consider conducting interviews with individual community members. By integrating information and data from multiple sources, a comprehensive understanding of community preferences can be attained before more solar development occurs in your community.

### Focus Groups – Small Community Meetings

Focus groups are small meetings of community members (typically up to 10 participants) that are facilitated to learn in-depth about some the concerns and preferences of community members, in a forum where they may ask questions, learn with and from each other, identify priorities, and build trust with the *Solar Planning Team*. A great deal of information can be gathered in a short meeting. These meetings may require a facilitator and can be time-consuming to organize. For instructions on how to conduct a focus group meeting, and a sample agenda, see *Conducting Focus Groups for Solar Planning* (Step 4, Item d), [ag.umass.edu/solarplanning4](http://ag.umass.edu/solarplanning4).

### Interviews

One-on-one interviews are another way to learn detailed information about perceptions of solar in your community. These have the benefit of building a strong rapport with community members, and can be conducted in an ad-hoc format at a public event or location (such as a library, post office, school) or scheduled individually. The drawback is the time commitment; typically, 25-30 interviews should be conducted to obtain a “saturated” sample, whereby the full range of perspectives has been shared. These can be used as an alternative to focus groups.

### Community Survey(s)

Distributing a survey throughout the community for all households to participate is a useful way to learn how the community at large perceives solar, and ask specific questions about scale and capacity of development, preferred development sites in your town, preferred financing options, or other questions you may want to know at the community level. Surveys can be distributed in person, online, or by mail. This knowledge can help planners understand whether strongly held beliefs among vocal constituents are shared among community members. While interviews and focus groups offer a depth of information, surveys offer a breadth of information. For an example *Community Solar Survey*, see *Conducting a Community Solar Survey* (Step 4, Item e), [ag.umass.edu/solarplanning4](http://ag.umass.edu/solarplanning4).

### Open Community Forums

Later in the *Community Planning for Solar* process, after the *Community Solar Action Plan* has been drafted (Step 5), we recommend holding a series of several (1-3) open community forums. These meetings will include a presentation of the draft *Community Solar Action Plan*, and provide an opportunity for community members to comment on the plan before it is finalized. Open forums can help create a transparent and inclusive process. Facilitators should be cautious of power dynamics that can be present, and design a safe and equitable process that creates opportunity for all community members to participate and provide feedback. This process is discussed in Step 4 of the *Community Planning for Solar* toolkit.