

Steps to Going Solar: **Outside** City of Longmont Limits

Now that you have made the decision to install a solar electric system on your property, here is a convenient list of required steps you must complete before connecting to the Longmont Power & Communications (LPC) electric distribution system (the grid).

1. Select a licensed installer to install the solar electric system. LPC recommends you get two or three bids for the work before selecting an installer.
2. Contact Boulder County Land Use Building Safety and Inspection Services at 303-441-3925 to obtain a building permit. Please be sure to notify them of your electric provider (Longmont Power & Communications).
 - a. Systems within LPC's service territory, but outside City of Longmont City limits, are still subject to the requirements of [Longmont Municipal Code](#) sections [14.32.220.K](#) and [14.32.225](#).
3. Work with your installer to complete and submit the following documents to [LPC Engineering Staff@longmontcolorado.gov](mailto:LPC_Engineering_Staff@longmontcolorado.gov). If any changes need to be made, LPC will contact you or your installer.
 - a. [Small Generation Interconnection Checklist](#)
 - You and/or your installer **must** complete and submit the checklist to LPC for the solar electric system to be connected to the LPC grid.
 - b. [Power Data Form](#)
 - Please note that a building permit number is required to complete the form.
 - LPC will contact you, if necessary, to schedule a time to confirm power source and determine if either a panel or service upgrade is needed.
 - c. [One Line Diagram](#) (*example only*)
 - One-line diagrams are typically provided by your licensed solar electric system installer.
4. Once these documents meet LPC requirements, LPC will send confirmation to proceed via email.
5. Install solar electric system and have system inspected by Boulder County Building Safety and Inspection Services.
6. Boulder County Building Inspection will notify LPC once the solar electric system installation is complete and has passed inspection and LPC will set the bi-directional meter and do anti-islanding and pre-parallel testing (at its discretion)
7. Once the meter is set, **LPC will send permission to operate (PTO) documentation to the customer email listed on the Small Generation Interconnection Checklist.**

For information about islanding protection, reference [Municipal Code 14.32.225 C.6](#).

For information about direct current injection, reference [Municipal Code 14.32.225 C.7](#).