



OUR SOLAR INSTALLATION PROCESS

1

PLACEMENT

Measurement and overall layout is evaluated first. Our local team of solar experts measure the installation area per design. The layout of the panels are finalized and roof mounts are marked on the roof aiding in a seamless installation process.



2

LOCATE

Next the installers locate roof-mounted rafters using various methods (including audibly, electronically, or physically). The installers fasten the roof mounts into the rafters to ensure proper installation and water seal. Adequate roof mounts are needed to reduce load and stress on each rafter. This step is done in a precise manner to minimize roof penetrations.



3

ATTACH

Rails are then attached to the roof mounts to facilitate positioning, spreading the solar panel load and stress among the roof mounts. By elevating solar panels above the roof, we are able to allow air circulation for cooling which is critical for overall system performance. Solar panel performance actually degrades at higher temperatures.



4

WIRE

The next step in the process is the installation of ground wire. The continuous copper ground wire connects to all rail segments and junction boxes to ensure the same electrical reference point and safety.



5

CONNECT

Our final step is to mount inverter and connect it to the emergency disconnect, meter, breaker box and solar arrays. Soon you will be on your way to harnessing the power of the sun and saying goodbye to those high electric bills!

