

Green Mountain Energy[®] Solar at Alpine Public Library

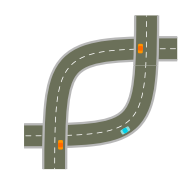
Hello, Sunshine!

Look on the roof of this library and you'll see something amazing...

a solar array generating pollution-free electricity from the sun! Donated by customers in the Green Mountain Energy[™] Sun Club[™], the 33 photovoltaic panels are estimated to produce more than 12,000 kWh each year, saving Alpine Public Library money each month on electricity costs; money that is put right back into our mission to connect our diverse and geographically remote communities with information resources to encourage literacy and promote lifelong learning.

Each year this 8.75-kilowatt array can avoid an estimated 14,000 lbs. of carbon dioxide (CO₂) emissions by not relying on the conventional production of fossil fuel-based electricity.

That's like:



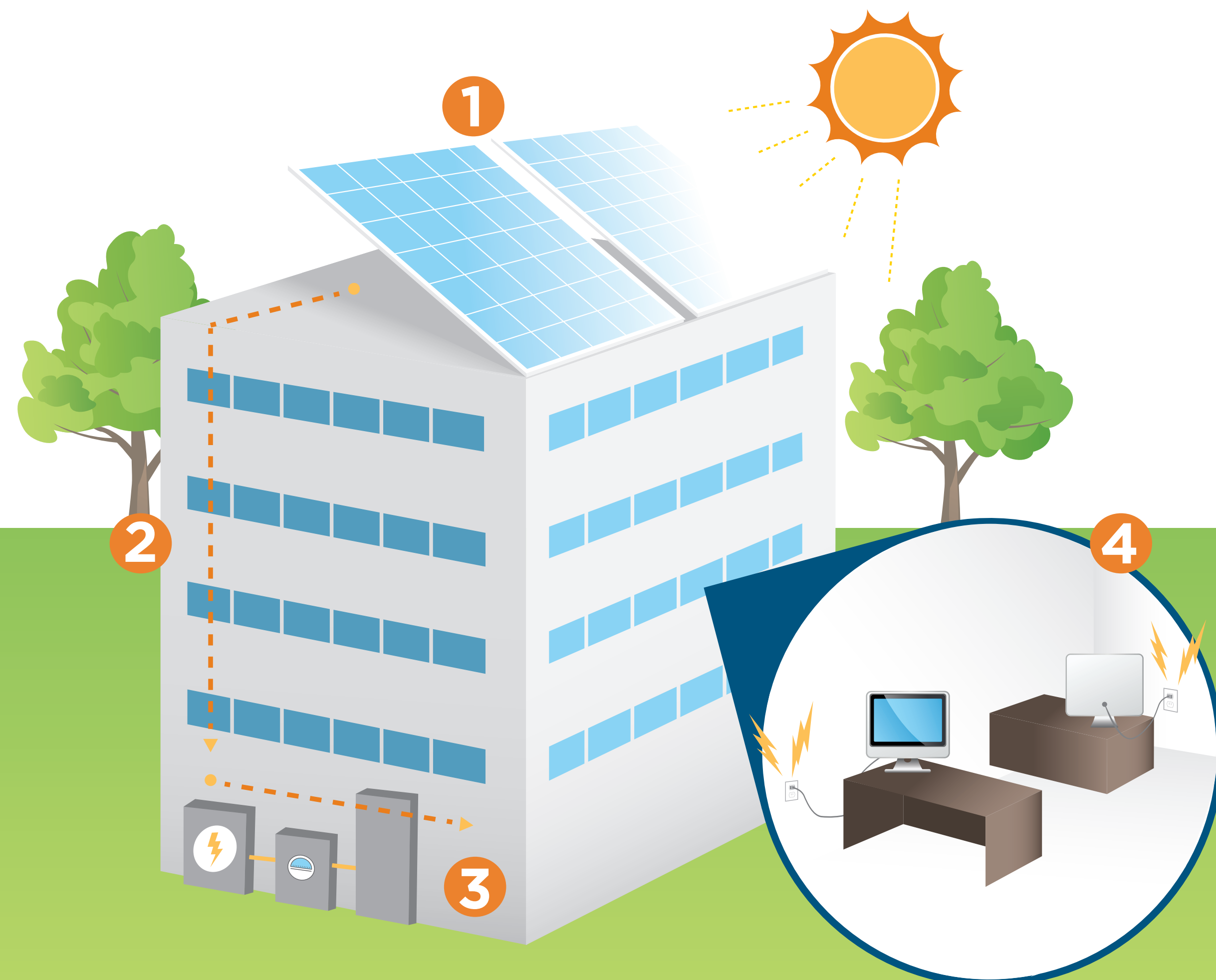
Not driving **15,500 miles** a year based on an average fuel economy of 21.4 mpg.



Recycling **46,600 aluminum cans** instead of sending them to the landfill.

We're proud to work with the Sun Club[®] to help promote the importance of renewable energy to the community. This array is one more shining example of our ongoing commitment to the environment and building a more sustainable planet.

HOW SOLAR WORKS



- 1** The sun hits the solar panels and the panels convert the sun's rays into electricity.
- 2** A control device changes this electricity from AC to DC, enabling it to power electrical items.
- 3** The electricity then passes from breaker boxes to outlets throughout the building.
- 4** Electrical items, such as the building's computers and lights can then run on this pollution-free solar power!

