CONSIDERATIONS

IS ROOFTOP SOLAR RIGHT FOR YOU?

Considering a rooftop solar system? Ask yourself these questions to determine if a rooftop solar installation will meet your needs, goals and financial objectives.

What is your main goal for adding a rooftop solar system to your home?

ELIMINATE MY ELECTRIC BILL

In most scenarios, this is unlikely. Unless you have a rooftop solar and battery storage system large enough to meet all of your electricity needs during every hour of the day, you'll need reliable electricity from Carroll EMC when solar is not available. While the amount of electricity you purchase from Carroll EMC may decrease, we will still be providing you with electricity at night and on cloudy days.

REDUCE MY ENVIRONMENTAL IMPACT

Every kilowatt-hour of solar energy produced offsets a kilowatt-hour from an emission-generating energy source.

SELL POWER BACK TO CARROLL EMC

Call us at 770-832-3552 to learn about Carroll EMC's buy-back policy and rate. While it's possible for your rooftop solar system to generate more electricity than your household used, it's typically not economical to invest in a larger system than you need.

DISCONNECT FROM THE GRID

Unless you have a rooftop solar and battery storage system large enough to meet all of your electricity needs during every hour of the day, Carroll EMC will still be providing you with electricity at night and on cloudy days. The use of battery storage can help meet your electricity needs; however, it will add a significant expense to your total system cost.

Have you considered energy efficiency improvements you can make to your home?

YES

Great! By making your home more energy efficient, you've likely reduced your electricity use. Be sure to contact Carroll EMC to understand your current electricity use so you and your solar installer can size a rooftop solar installation to best meet your electricity needs and financial objectives.

NO

You should consider energy efficiency improvements, such as using energy-saving LED light bulbs or installing a smart thermostat. Making your home more energy efficient will help reduce your electricity use while also lowering your electricity costs. As a result, you'll also reduce the size needed and total cost of a rooftop solar system.

CONTINUED

Does your roof face south?

YES
Outstanding! A south-facing roof orientation with minimal shading offers the greatest solar energy potential.

NO
While a south-facing roof is the most ideal orientation for rooftop solar, homes that face other directions will still produce electricity, just not as much.

Is your roof free of shade from trees or nearby structures?

YES
Great! Your solar energy potential is higher with no shading or sunlight obstructions.

NO
Solar panels perform best with direct sunlight. Obstructions that block direct sunlight, such as trees or nearby structures, will limit solar energy production.

Is your roof less than five years old?

YES
Excellent! Installing a rooftop solar system on a roof less than five years old is ideal because of the potential long life of solar panels.

NO
Your roof should be less than five years old to avoid costly removal or replacement of rooftop solar panels during roof repairs.

Now that you have answered these questions, have you determined that rooftop solar might be a good fit for you?

YES
Visit CarrollEMC.com/solar to review helpful resources that can support your rooftop solar evaluation process, including our Rooftop Solar Assessment Tool, frequently asked questions and a list of important topics to discuss with a solar installer. Be sure to also review and complete Carroll EMC's interconnection agreement before installing rooftop solar to ensure that your system meets important safety and reliability requirements.

NO
Although rooftop solar may not be a good fit for your electricity needs, you're still benefiting from solar energy every day. That's because Carroll EMC's diverse portfolio of generating resources includes solar facilities, along with other energy sources, to deliver the reliable and affordable electricity you rely on.

Carroll EMC

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