

What is a Renewable Energy Certificate (REC)?

Why do we need RECs?

While many people want to see more renewable energy development, the **technology is still more expensive** to develop.

What do RECs do?

RECs **help pay the additional cost** to produce renewable energy which helps create significant environmental benefits.

How are RECs created?

1 REC is created **when 1MWh of renewable energy** has been generated and delivered to the regional power pool.

What do RECs mean to me?

When you purchase RECs you **guarantee** that renewable energy was created and delivered to the power pool, and get to claim the associated environmental benefits.

A detailed explanation...

When you sign up for Dominion Green Power, your contributions allow Dominion to purchase renewable energy certificates (RECs) on your behalf. **A REC is a guarantee that one megawatt hour (MWh) of renewable energy was produced and delivered to the regional power grid.** Delivering renewable energy to the power pool creates environmental benefits by preventing the need for energy to be generated from other traditional sources over time.

When Dominion purchases RECs on your behalf in the Dominion Green Power program, it is buying the right for you to claim the environmental benefits that were created by adding that renewable energy to the power grid. Dominion uses the EPA guidelines for calculating this environmental benefit: **1 MWh of renewable energy, equal to a single REC, purchased through Dominion's Green Power program prevents more than 18,000 pounds of carbon dioxide emissions.**

Also, when you participate in the Dominion Green Power program, you are doing more than just creating environmental benefits. You are **helping make renewable energy generation more cost-competitive with other energy sources** by providing the renewable energy generator an additional source of revenue.

To ensure you get what you pay for, a unique serial number assigned to each REC and independent tracking systems ensure that the REC is only used once. In addition, Dominion purchases only **Green-e Energy certified RECs** which guarantees that the correct amount of RECs were purchased by Dominion on behalf of its customers and that the RECs were not used for any other purpose or sold to anyone else.