

WindWorks Frequently Asked Questions

What is WindWorks?

WindWorks is a new program that allows cooperative members to participate in Oklahoma wind power by purchasing Renewable Energy Certificates (RECs) equal to a portion of their monthly energy bill.

What is an REC?

A Renewable Energy Certificate (REC) is a receipt generated when power from a renewable energy source such as the Blue Canyon Wind Farm is delivered to the transmission grid. **Each REC represents the environmental benefits of 100 kilowatt hours (kWh) of electricity produced at the Blue Canyon Wind Farm northwest of Lawton, OK.**

RECs make it possible for families and businesses that want to support renewable energy to participate in these historic projects by matching up some or all of their monthly electricity consumption with RECs from the wind farm.

A typical Oklahoma family that consumes 1200 kWhs of electricity each month could match 100 percent of their use with WindWorks RECs for an additional \$6.00 per month.

How does it work?

To sign up, members call their local cooperative or fill out the form inside of the WindWorks brochure. They will need to register their name and account number and choose the level that they would like to participate on a monthly basis. **WindWorks Renewable Energy Certificates are 50¢ each and will appear as an additional line item on the monthly statement.**

How much does it cost?

WindWorks Renewable Energy Certificates are 50¢ each.

How do I know that I'm getting power from the Wind Farm?

Power generated at the Blue Canyon Wind Farm enters the transmission grid along with power from all other sources utilized by WFEC. On an average day, about 5% of the energy flowing into the meters of our co-op members originates from our Wind Farm. **Members participating in WindWorks receive the same blend of electrons that every other member on the system receives, but they become owners of the environmental benefits associated with the RECs that they have purchased.**

A family that purchases 4 WindWorks RECs for a total of \$2.00 per month has paid the premium associated with 400 kWhs of Wind Power that has been placed on the transmission grid at the Blue Canyon Wind Farm. Consuming 400 kWhs of electricity generated from wind for one year prevents 3.6 tons of emissions – the environmental equivalent of planting 1.2 acres of trees or not driving 9,600 miles in the family car. Better yet, purchasing RECs creates demand in the market, encouraging further participation and development of Oklahoma's renewable resources.

Can I buy a wind turbine for my home?

Wind turbines are available for home use, though they are often very expensive to install and maintain and can pose serious hazards for our line crews. We do not sell wind turbines and purchase all of our members' energy needs pursuant to an "All Requirements" contract with Western Farmers Electric Cooperative, the Generation and Transmission Cooperative that we own in conjunction with other rural electric cooperatives in Oklahoma.