



Perryville Solar Park FAQ

Q: How large is the solar array?

A: The solar array will cover an area of 3-4 acres.

Q: How much electricity will the solar array produce?

A: The array should be able to produce 878 kilowatts of direct current at its peak. However, the power will need to be inverted, or changed, to alternating current (AC) to be able to export into Citizens Electric's distribution system. The expected output of the array is 720 kilowatts (AC).

Q: How many homes could this solar park serve?

A: This solar park should be able to produce about one million kilowatt-hours per year, enough electricity to power about 80 homes for an entire year.

Q: What is the cost per kilowatt-hour from the solar array?

A: The cost of electricity produced from the solar park is still higher than the cost from traditional generating sources. The cost of electricity from a utility-scale array such as the Perryville Solar Park should be about a penny more than the average cost per kilowatt-hour.

Q: Will Citizens Electric make this available to its members?

A: CEC is currently developing an offering for interested members to participate in a community solar program whereby a part or all of their electricity usage can be offset based on the monthly production of the solar park. Upon approval by the CEC board of directors, details of this program will be forthcoming.

CEC's SharedSolar offering currently provides the environmental benefit of community solar whereby participants receive the environmental credit of offsetting all or part of their electricity usage.



The expanded offering will provide energy credits on participating members' bills based on the monthly production of the solar arrays in the co-op solar program.

Please direct any other questions to Citizens@cecmo.com or call (877) 876-3511.