



United States Department of Agriculture
Natural Resources Conservation Service

Energy Enhancement Activity –ENR02- Solar Powered Electric Fence Charging Systems



Enhancement Description

The replacement of an electric fence charging systems with solar powered systems.

Land Use Applicability

Pasture land, rangeland and forest land.

Benefits

Using solar power for electric fence charging systems reduces the need for fossil-fuel based electricity in agricultural operations, which in turn reduces emissions of air pollutants associated with fossil fuel combustion, and increases energy independence.

Criteria for Solar Powered Electric Fence Chargers

- Implementation of this enhancement requires that the participant replace of existing electric fence charging systems used in the operation with solar powered charging systems.
- To comply with the enhancement, any new electric fencing installed during the life of the contract will also be powered with solar charging systems.

Documentation Requirements for Pump Irrigation Water with Renewable Energy

- A map identifying each field equipped with electric fencing, and the number of electric charging systems replaced with solar powered charging systems.
- Photographic documentation of the installed solar charging systems.