

## **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.

TENNESSEE SUPPLEMENT INFORMATION FOR THIS ENHANCEMENT  
**Energy Enhancement Activity -ENR02- Solar Powered Electric Fence Charging Systems**

Producer Name:	<b>Date:</b>
<b>Tract Number(s):</b>	<b>County:</b>
<b>Field Number(s)</b>	
<b>Electric Fence Charging Systems Replaced With Solar:</b>	

*All new Electric Fence Charging systems will be solar.*

*Attach photos of solar charger(s)*