Unleash the Power of the Sun for Your Future with **WWDD Solar**

NXSUS SOLARTRON

Power Where You Need It Most

Imagine harnessing the limitless power of the sun to transform your farm into a model of efficiency and sustainability. With Solartron's cutting-edge dual-axis solar solutions, this vision becomes reality.

Our advanced solar technology captures the sun's energy and converts it into clean, electric power, providing your farm with a reliable, sustainable energy source.

Don't just dream about sustainability...make it happen today! The USDA Rural Energy for America Program (REAP) offers grant and loan funding to help you implement renewable energy systems and energy efficiency improvements. With financial assistance available, now is the perfect time for farmers and ranchers to embrace innovative energy solutions like Ag Solar. Seize this opportunity to enhance your farm's productivity while contributing to a greener future.

Providing 3- *Phase* Power Where You Need It

Power all your pumping stations and feed lines with our Solar Trackers and Energy Storage Systems. Battery backup for all night continuous irrigation. Solar energy can provide all the electrical energy needed for your pivot systems.

Reducing Costs and Improving Efficiency

You can rely on the clean energy, 3-phase power and the certainty of reducing cost to cultivate your land and crops. Your home and ranch buildings will have unlimited free power. *Why pay for expensive runs from the grid for 3-phase power?*

More good news: Excess power can be sold back to the grid for additional income

Fast Assembly of trackers and no loss of land use

Solartron's dual-axis Trackers take minimal time for ground preparation and assembly. Your investment begins paying back almost immediately.

Land Usage

The drawback of single axis solar systems and fixed array solar is not only the power deficit lost by not fully tracking the sun's movement, but the major impact is loss of valuable land for cash crops, vineyards, grazing and feed stock pens.

Our systems are mounted high above the ground allowing for continued production of crops and pasture use by livestock.

Farm equipment can easily work under the solar trackers without interference for combines and including emergency vehicle and fire trucks.

Grazing Advantages of Solar Shading

Higgins and co-author Elnaz Hassanpour Adeh previously published research showing that solar panels increase agricultural production on dry, unirrigated farmland. They found that the grasses growing in shaded areas *under the solar panels were 328% more water efficient and maintained higher soil moisture throughout the heat of summer*. The result was twice as much grass under the panels as elsewhere in the pasture and that grass was much more nutritious.

Shading Livestock Increases Production

A study by the University of Wisconsin has indicated the shade from commercial solar trackers has reduced stress on livestock during summer heat while providing power for processing. Dairy farmers have benefited from the tracker reducing the summer heat which resulted in higher production of milk and lower costs.

Curious to learn more? Take the next step towards transforming your facility to energy efficiency. Call for more information directly at +1 (806) 999-6595.