



Agrivoltaics: A Dual-Use Approach

How Farming & Solar Panels Can Drive Greater Benefits Together



What Is Agrivoltaics?

Agrivoltaics is a cutting-edge approach that combines agricultural production with renewable energy production. At RWE, we have demonstrated agrivoltaics by developing solar projects in harmony with animal husbandry — which can generate additional value for landowners and communities in myriad ways.

Part of a Bigger Picture

Agrivoltaics is a technology still being explored by RWE. This new approach is one of many ways that solar farms can be designed to enhance the ecosystem services of the land at our sites. RWE's portfolio consists of projects that have incorporated other eco-friendly designs, such as the incorporation of pollinators and wildlife habitat. Just as every farm is unique, our approach to vegetation management depends on the unique characteristics of each solar site. RWE is committed to working closely with the communities in which we operate for the long term.

Key Benefits

Optimize Land Use

Landowners can continue traditional farming practices while generating solar energy, effectively doubling the productivity of their land.

Enhance the Environment

Solar panels can provide shade, reduce water evaporation, and create a microclimate that is conducive to grazing livestock and growing crops.

Strengthen Communities

Agrivoltaic projects can preserve the agricultural lifestyle of communities that host them, providing additional income streams to farmers and keeping land in families for future generations.

RWE Project Highlight: Deriving Dual-Use Benefits Through Solar Panels & Sheep Grazing

Location: Bastrop County, TX

BENEFIT 01

Expanded and enhanced farming operations

BENEFIT 02

Reduced reliance on gas-powered mowing and chemical use

BENEFIT 03

Anticipated long-term soil health improvement

BENEFIT 04

24/7 site scouting and management

BENEFIT 05

Creation of local jobs

BENEFIT 06

Supports RWE's sustainability goals



Forward Together

RWE will continue developing innovative projects that enhance the ecosystem services at our sites. We aim to demonstrate exceptional land stewardship and build long-term partnerships with farmers and communities.

Our teams have created an in-house Agrivoltaics Center of Excellence, where RWE representatives share information, collaborate on projects and align on solutions and resources that can be disseminated across the company.

Who We Are

RWE is a renewable energy company powering America's clean energy future. In the U.S., we operate a portfolio of 9+ GW installed capacity of onshore wind, solar and battery storage. As a preferred partner for communities, landowners and suppliers, we employ 1,900+ team members nationwide.



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