



Renewable electricity generation doesn't have to mean the loss of farmland.

It can mean more:

- Land revenue
- Continued agricultural use, and
- Clean, renewable power.

BrightNight Agrivoltaics

Where solar and agriculture work together.

The dual-use of land for solar power and for traditional agricultural activities, such as livestock grazing, and crop production, is referred to as agrivoltaics.

Large-scale solar projects, known as “solar farms,” are built to harness the sun’s energy and convert it into clean, renewable electricity. BrightNight’s solar projects produce power for people, businesses, and utilities across the United States and around the world. These projects also provide land lease revenue to site owners, generate local tax revenues for their communities, attract prospective large commerce opportunities and investments, and create valuable short and long-term jobs in a high-demand industry.

Renewable power projects aren’t just good for the environment; they support the long-term economic strength of the communities they call home.

Dual-use land means *mutually beneficial*. The most common concerns residents have regarding the placement of solar farms in their communities are the loss of usable land and its earning potential, and the impact to the surrounding area—environmentally and economically.

The good news? BrightNight agrivoltaics are designed to deliver winning outcomes for all! Our quiet, no-glare solar panels are installed with local flora and fauna in mind, built on ground-level mounting platforms and using animal-friendly materials and connections. This environmentally-passive approach allows for continuous land usage while hosting a renewable energy resource that’s advantageous to the local region economically and environmentally.

Not all renewable projects are created equal. Communities considering large-scale renewable power adoption should evaluate the agrivoltaic capabilities of renewable power companies.

A smart investment with high-yield economic return—both short- and long-term. Leasing land for solar farming provides a multitude of economic benefits to partners and their communities. These include:



Long-term, dependable income for partnering landowners, guarding against the volatility of the agricultural market, and greater security for agricultural land use permits.



Lower grounds maintenance costs due to reduced vegetation management needs.



A positive selling point for the promotion of local businesses, goods, and services.



Job creation during the construction phase of the project, as well as for ongoing site maintenance.

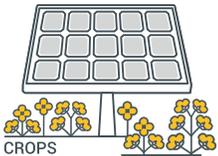


Local tax revenue, which positively impacts local school systems and other community needs while requiring little to no county services in return.



High desirability to big job creators looking to bring prospective commerce opportunities locations with renewable power availability.

Most importantly, our solar power projects are thoughtfully designed for seamless integration with land that is already in use for traditional agricultural activities.



Row crops. Agrivoltaics is a desirable and complimentary second use for land that supports crop-based agricultural activity. Not only does solar panel installation provide another source of revenue for land use, but also, in areas with low precipitation, high temperature swings, or low

irrigation, the micro-climate effects of panels help to stabilize favorable growing conditions for increased crop production.



Livestock grazing. With animal-friendly materials and connections, our solar panel installation is non-hazardous to the health of grazing livestock animals—an ideal second use for land that is not already used for crop-based agriculture. In addition to being another revenue

stream, livestock animals help vegetation management, improve soil health, and cause less damage to systems than traditional mowing.

Ready to talk?

Learn more about BrightNight's agrivoltaics systems. Contact our development team to discuss how to leverage your land acreage into an efficient, low-maintenance, and low-impact asset that bolsters your own land-use goals and benefits your local community for decades to come.

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Innovative installation and design that works with its environment.

The fundamental goal of renewable power is to improve our natural environment. As such, ensuring our agrivoltaics projects can live in harmony with their site's native flora and fauna is very important to BrightNight.

Because we prioritize preserving ecosystem integrity, our solar farming installations incorporate industry-leading design features that consider the surrounding environment and work to mitigate disruption. In fact, BrightNight's environmentally-passive approach to agrivoltaics leads to improved soil quality and biodiversity, reduced greenhouse gas emissions, and better water conservation.

Landowners are our partners. BrightNight agrivoltaics projects are designed for continued use of agricultural land.

BRIGHTNIGHT
Power when you need it