

# Responsible solar

Our commitment to a sustainable future goes beyond delivering safe, clean and affordable energy. As part of our Responsible Solar approach, we design and implement site-specific Land Management and Biodiversity Plans at our projects to achieve biodiversity net gains, foster habitats and support agrivoltaics.

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### Boosting biodiversity

Solar farms can increase ecosystem productivity and achieve biodiversity net gain.



### Integrating agriculture

Agrivoltaics benefits rural economies and keeps farmland in production



### Habitat conservation

Solar farms make safe, stable homes for birds and other species



### Improving soil health

Soil rests and rejuvenates during a solar farm's life



### Supporting pollinators

We co-locate pollinator habitat on our project sites



### Lifecycle management

We are committed to recycling all solar panels used at our US projects

## Multiuse solar farms

Solar farms temporarily set aside land and protect it from permanent loss due to industrialization and urbanization – and they afford countless opportunities to layer on the benefits of solar since the land under and around the panels is protected for decades.

Ground-mounted solar panels sit on posts, several feet in the air. The posts themselves cover less than 10% of the ground.



This leaves plenty of open space underneath to maximize the sustainable benefits of solar.

On our solar farms, the ground is seeded with grasses and pollinator-friendly flowers prior to construction.



This helps stabilize the soil during construction and provides habitat for insects and wildlife throughout the project life.

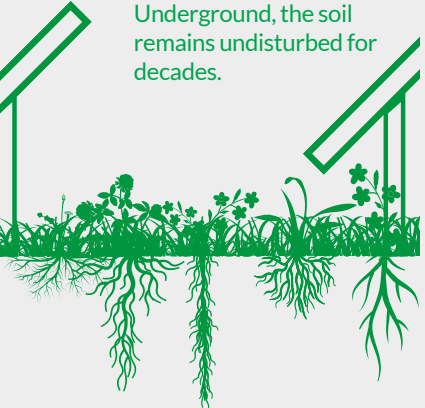
Agrivoltaics is the co-location of solar and agriculture. At some facilities, small livestock graze beneath the panels.



We are also working to co-locate food crops with solar.

As vegetation and manure decompose, they enrich the soil with carbon and nutrients.

Underground, the soil remains undisturbed for decades.



# Responsible Solar case studies

## Pollinator habitat, agriculture and research

Pennsylvania | 70MW Nittany 1-3 Solar



## Shortgrass prairie conservation, carbon sequestration and pollinator habitat

Colorado | 593MW Bighorn and Sun Mountain Solar



## Pollinator habitat, woodland conservation, wildlife habitat and agriculture

Texas | 260MW Impact Solar



## Pollinator habitat, bee keeping, agriculture and research

Indiana | 173MW Bellflower Solar



## Pollinator habitat, agriculture and bee keeping

Texas | 316MW Elm Branch and Briar Creek Solar



## Solar panel recycling

Our commitment to recycling at all our projects across the U.S.

