

Solar Farm Removal & Recycling

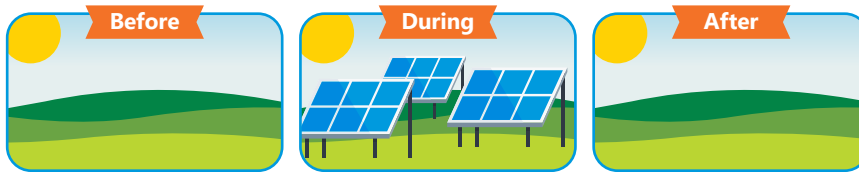
At the end of a solar project's life, Clearway Energy is responsible for removing equipment, restoring the site and managing waste.

DECOMMISSIONING

Dismantling Equipment & Restoring the Land

When a solar project retires, Clearway will remove panels, racking, foundations, fencing and roads, restore the land, and manage all waste. After decommissioning, the property owners will return the land to the activity of their choice.

Clearway develops detailed decommissioning plans in accordance with all applicable federal, state and local laws, as well as the terms of our land leases. We typically work with independent engineers licensed in-state to develop these plans and ensure all requirements are met.



Clearway is responsible for the cost of decommissioning, NOT the community or landowners. Our decommissioning plans include providing financial security where required to ensure funds are available whenever they may be needed.

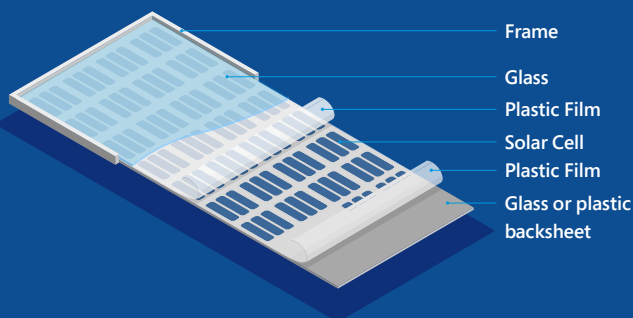


Decades of passive land use and reduced disturbance can allow natural processes to restore and enhance soil health while the solar farm operates.

RECYCLING SOLAR PANELS

Clearway commits to reuse or recycle as much of our equipment as possible, keeping solar panels and other components out of the landfill. A growing network of recyclers and take-back programs are ready to accept materials ranging from solar cells to concrete.

Solar panels largely contain common, everyday recyclables. Glass and aluminum alone make up more than 80% of the panel by weight. Other major components may include plastic, silicon and other metals depending on the model.



COMMITMENT TO SAFETY

Solar panels are designed to be safe and durable for the long-term, made with the same kind of tempered glass found in hurricane-proof windows. They are designed to crack, not shatter.

The very small amounts of conductive metals are either chemically bonded together inside the panel or encased in glass and plastic to prevent exposure to the environment, even if cracked or broken.

Clearway currently requires that all solar panels we procure fall within safe limits for environmental exposure, as defined by the EPA's Toxicity Characteristics Leaching Procedure (TCLP). **Meeting these standards ensures that the solar panels are safe for humans and the environment during operations, extreme weather events, and disposal.**

Both Types of Solar Cells are Designed for Safety

Crystalline Silicon Panels

Solar cells are made from sand. Small amounts of lead on solar cells are encased in glass & plastic layers that prevent leaching.

Thin Film Panels

Solar cells that contain solid Cadmium Telluride crystals are chemically bonded together and therefore cannot leach.