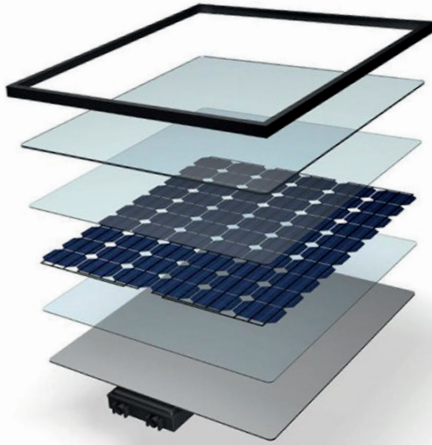


SOLAR PANEL SAFETY AND RECYCLING FACT SHEET



Safe. EPA-Regulated.

Lightsource bp requires solar panels to pass testing regulated by the Environmental Protection Agency (EPA) to ensure they are not hazardous to people or the environment. **We will not buy solar panels from any manufacturers who have not passed this testing.**

Prevent: Solar panels are made to last for decades in harsh environments. The layers of a solar panel are strongly laminated and all materials are sealed inside tempered glass, the same material as car windshields and hurricane windows, preventing exposure to the environment.

Test: We require all solar PV panels used in our projects to pass testing protocols established by the U.S. Environmental Protection Agency (EPA) under Federal Law, to ensure that even if broken into pieces the panels *will not release harmful amounts of any hazardous materials into the environment*. The EPA testing protocol is called the Toxicity Characteristic Leaching Procedure (TCLP).

Pass: The solar panels provided by our suppliers have successfully passed TCLP testing for potentially hazardous materials, including the eight metals listed by the Federal Resource Conservation and Recovery Act as toxic at small concentrations. This means that the solar panels in our solar farms – during normal operations as well in the event a solar panel is damaged – *are confirmed to be non hazardous under Federal Law*.

WE RECYCLE ALL SOLAR PANELS

We recycle *all* solar panels that are damaged or nonfunctioning during construction and operations, as well as panels that are decommissioned.

- Life of a solar panel will be about 35 years
- 95% of a solar panel is recyclable material
- By weight, more than 80% of a typical solar panel is glass and aluminum – both common and easy-to-recycle materials

