

Recycling Solar Panels

werecyclesolar.com

Presented By:
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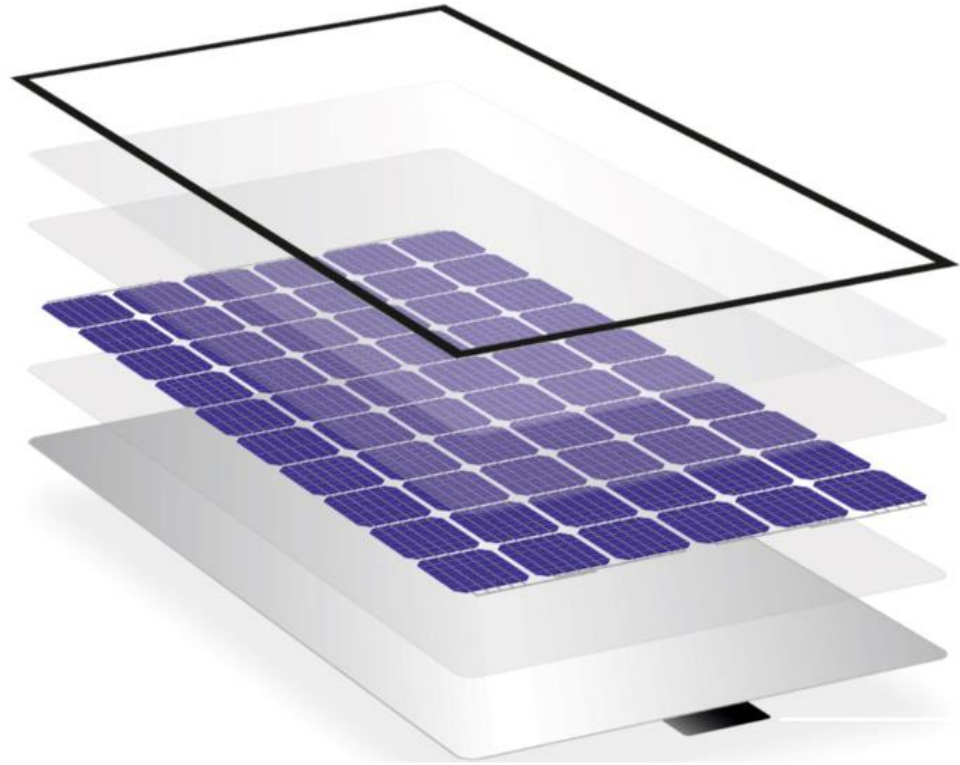




Formed by veterans of the hazardous waste disposal, waste management, electronics and metals recycling, and reverse logistics industries

What's in a Solar Panel?





Aluminum Frame

Tempered Glass

Encapsulant (EVA)

Solar Cells

Encapsulant (EVA)

Backsheet (PVF)

Junction Box

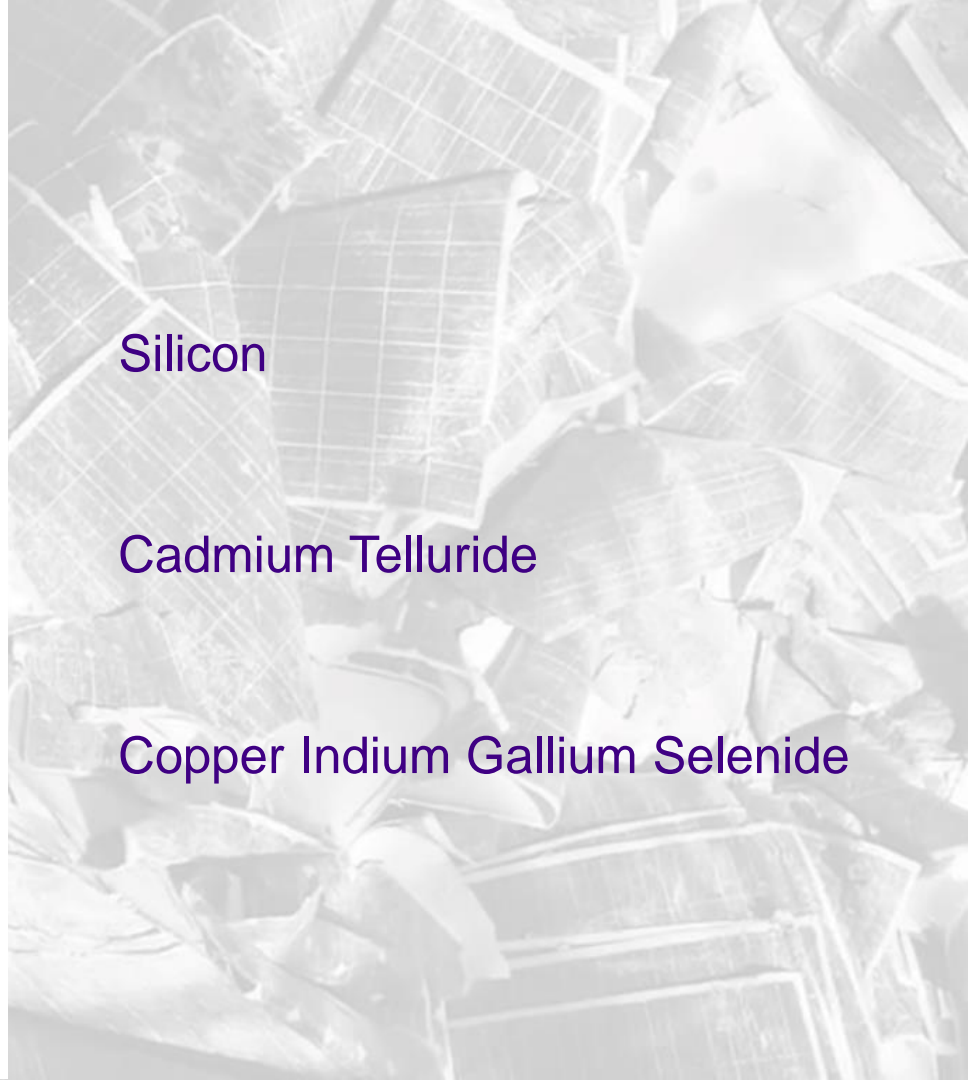
Panel Types

Main Semiconductors

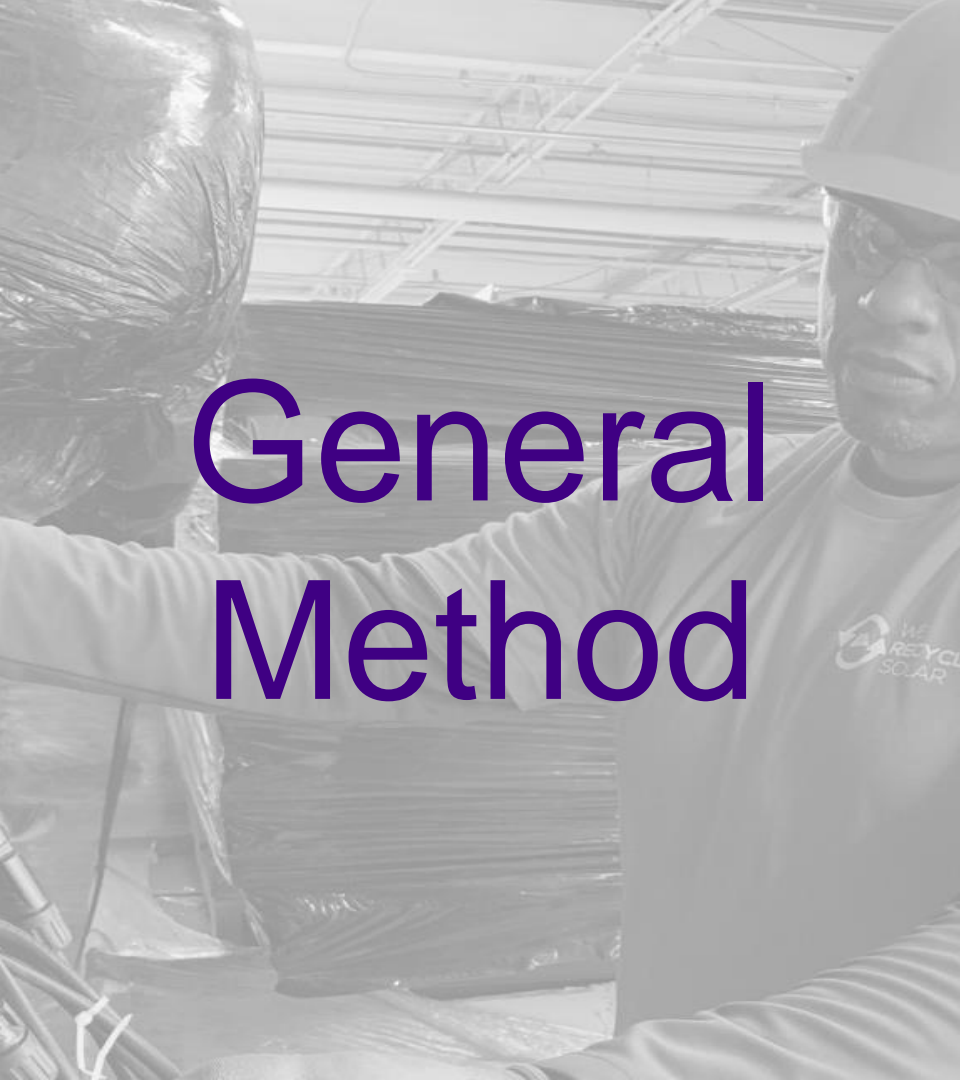
Silicon

Cadmium Telluride

Copper Indium Gallium Selenide



Recycling Process



General Method

Disassembly

Size Reduction

Chemical Processing

Material Separation

Recovered Materials

Aluminum, Copper, Lead, Silver and Tin

Glass

Silicon



Challenges



Primary Barriers

Logistics

Economics

Questions?

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