

Key Questions For Your Solar Panel Recycler

Choosing the right recycler ensures your solar projects remain compliant, sustainable, and free of long-term liabilities. Make sure your recycler can confidently **demonstrate** "yes" to each of these essential questions.

➤ Does your process guarantee zero landfill?

Any recycler should provide a clear, certified zero landfill guarantee—not just verbal claims.

Our Solution:

Our recycling process ensures zero landfill outcomes. Full R2v3 Appendix A, E, and G certification is provided.

➤ Do you eliminate 100% of heavy metal contamination?

Residual **heavy metal contamination** left behind in the recycling process creates serious environmental and legal risk. Insist on traceable heavy metal contamination elimination.

Our Solution:

Our recycling process eliminates heavy metal contamination, enabling clean, auditable, reusable materials downstream without worry.

➤ Can you handle all panel types, including damaged or weather-impacted ones?

Storm damage, aging, or manufacturing variation shouldn't compromise your recycling strategy. A properly qualified and capable recycler should be able to safely process all panels, in all conditions.

Our Solution:

We accept and recycle all types of panels—cracked, twisted, thin-film, or otherwise damaged—with complete material recovery.

➤ Are you certified to R2v3 Appendices A, E, and G standards and provide full traceability?

These certifications confirm independent audits, responsible material handling, and a verified zero landfill process. You need proof—not just process. Insist on end-to-end documentation to validate compliance and reinforce ESG commitments.

Our Solution:

We are the first U.S. recycler certified to R2v3 and Appendices A, E, and G, delivering auditable, zero landfill panel recycling at scale. We provide certified documentation from panel intake to destruction and final reuse to ensure total traceability and peace of mind.

Sustainable Electronics Reuse & Recycling R2v3 Appendix A, E, and G

- ✓ **Appendix A:** Defines requirements for secure data destruction and testing of functional devices, ensuring protection of data and confirmation of equipment operability before reuse or recycling.
- ✓ **Appendix E:** Outlines mandatory procedures for identifying, managing, and properly processing materials of concern—like lead, cadmium, and mercury—to minimize health and environmental risks.
- ✓ **Appendix G:** Downstream Vendor Management and Material Recovery of PV Modules requires documented processes to ensure photovoltaic modules are processed only by qualified downstream vendors with full material recovery traceability.
- ✓ **RIOS: 2016 (Recycling Industry Operating Standard)**
= Commercialization and Dismantling of Solar Panels, Finish goods and Inventory Storage

