

FIRST SOLAR RECYCLING SERVICE

Datasheet

FIRST SOLAR'S FLEXIBLE AND COMMERCIALY ATTRACTIVE RECYCLING OFFERING

First Solar is committed to providing a commercially attractive recycling solution for photovoltaic (PV) power plant and module owners to help them meet their module end-of-life (EOL) obligation simply, cost-effectively and responsibly. Our competitive and flexible recycling offering enables power plant owners to maximize their return on capital and overall financial returns. First Solar's long-standing leadership in PV life-cycle management and recycling gives system owners confidence in knowing that their modules will be managed to sound and responsible global standards.

First Solar is driving down the cost of recycling by continuously investing in technology improvements. Considering the continuing trend of rising disposal costs and the projected reduction in recycling prices; greater experience and increased volumes of end-of-life solar modules is expected to lead to recycling becoming the most cost-effective option at end-of-life.

RECYCLING SERVICE CUSTOMER BENEFITS

✓ Cost-Effective

- First Solar offers a recycling service agreement (RSA) with 2-year termed renewable pricing. This allows future prices to drop as recycling costs decrease
- Preferred rates and terms can be negotiated for high-volume recycling and decommissioning

✓ Globally Available

- Convenient way of helping you meet your various regulatory and permitting requirements

✓ Flexible and Simple

- No up-front fees. Pay-as-you-go model priced on a per-module basis
- On-demand service is available for single-event or consolidated module recycling requests
- Straightforward invoicing and streamlined customer service

✓ Convenient and Comprehensive

- Easily integrated into the warranty process and applied to O&M, EPC, PV power plant or modules sales agreements
- Offered throughout the life of the power plant and at decommissioning
- Single source for all your solar PV power plant needs

✓ Responsible Recycling You Can Trust

- First Solar has long been recognized for its commitment to comprehensive life-cycle management
- We were the first company to offer a comprehensive global module recycling program
- Our systems and processes are proven and scalable
- We share your commitment to managing the EOL process at the highest standards of safety and efficiency



PROGRAM DETAILS

- First Solar offers a recycling service agreement with 2-year termed renewable pricing or an on-demand service for single-event or consolidated module recycling requests
- Adjustable start date: at module sale, or power plant turnover under O&M and EPC agreements, throughout plant life, and at decommissioning
- Costs may vary regionally; pricing will be optimized according to local market conditions
- Owner is responsible for module removal and logistics to an in-country or region-designated collection point or recycling center
- Logistics from the collection point to the recycling facility is included in the price

POWER PLANT OWNERS' RESPONSIBILITIES AT END-OF-LIFE

Responsible end-of-life management is important to the industry as a whole to ensure solar energy solutions don't pose a waste burden for future generations.

Regulatory requirements applicable to end-of-life PV and waste management infrastructure vary globally. First Solar's recycling offering provides a simple solution for our customers to address various, complex waste management requirements.

KNOW YOUR OPTIONS / SUSTAINABILITY MADE SIMPLE

Learn more about how First Solar can help you meet your module EOL management needs at a cost advantage. Our affordable recycling services are globally available today for a cleaner, more sustainable tomorrow.

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LEADING THE WORLD'S
SUSTAINABLE ENERGY FUTURE