



Solar PV Module Take-Back,
Collection & Recycling Program

Doc No: STVK/MKT/SOP/02
Rev No / Rev Date: 00
Original Date: 12.08.2026

CIRCULAR ECONOMY | PRODUCT STEWARDSHIP

Solar PV Module Take-Back, Collection & Recycling Program

Responsible return. Authorized collection. Environmentally sound recycling.



REGULATORY ALIGNMENT

Aligned with the E-Waste (Management) Rules, 2022 and CPCB Guidelines for solar PV waste management (March 2026).

Saatvik Green Energy Limited and Saatvik Solar Industries Pvt Ltd

PUBLIC INFORMATION DOCUMENT | 2026

Prepared By	Reviewed By	Approved By	Document Status
Mr. Atul Kumar Chauhan AGM- Product Technical	Amresh Kumar Ray AGM- Sustainability	Pushpendra Samadhiya Chief Revenue officer	<i>Controlled</i>

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Program at a glance

Saatvik's take-back program provides customers and bulk consumers with a structured route for returning end-of-life, damaged or otherwise unusable solar PV modules for authorized collection and recycling.

REQUEST COLLECTION OR RAISE A QUERY

Email: crm.solarmodule@saatvikgroup.com

Phone: [+91 98177 06450](tel:+919817706450)

Website: Use the Take-Back Request Form available on the Saatvik website.

Please share the quantity, condition and location of the modules to help plan collection.

How the take-back process works

1. **Submit a request.** Contact Saatvik with the quantity, condition and location of the modules.
2. **Assessment.** Saatvik reviews the request and identifies an appropriate collection or pickup arrangement.
3. **Authorized collection.** Transportation is coordinated through authorized logistics partners and recyclers.
4. **Recycling and records.** The modules are processed through the approved recycler network and supporting records are retained.

What customers should know

5. Do not dispose of solar PV modules in landfills, municipal waste streams, open areas or informal channels.
6. Use Saatvik's take-back system or a recycler authorized by CPCB/SPCB in the relevant region.
7. Store modules safely until collection and provide accurate information for reverse-logistics planning.

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1. Our Commitment

Saatvik Green Energy Limited is committed to ensuring environmentally sound management of solar photovoltaic (PV) modules across their entire lifecycle, including end-of-life handling, in accordance with the E-Waste (Management) Rules, 2022 and the latest CPCB guidelines on solar waste management.

As a responsible manufacturer, Saatvik adopts the principles of:

8. Extended Producer Responsibility (EPR) as per CPCB regulations
9. Pollution prevention and resource efficiency
10. Circular economy and material recovery

We ensure that:

11. End-of-life solar modules are not disposed of in landfills or open environments
12. All waste is managed through authorized collection, storage, transportation, and recycling systems
13. Environmental and health risks associated with improper disposal are minimized

Saatvik is committed to continuously improving its take-back system through stakeholder engagement, infrastructure development, and regulatory alignment.

2. Scope of the Program

This program applies to all categories of solar PV waste of Saatvik Green Energy Limited and its subsidiaries including Saatvik Solar Industries Pvt Ltd as defined under applicable regulations, including:

A. Product Scope

14. Solar PV modules/panels and cells
15. Components, consumables and spare parts associated with modules

B. Waste Categories Covered

16. End-of-life modules (after useful life)

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17. Damaged modules (during transportation, installation, or operation)
18. Manufacturing rejects and process waste
19. Refurbishment and repair waste

C. Stakeholders Covered

20. Project developers and EPC contractors
21. Commercial & industrial consumers
22. Rooftop and distributed generation customers
23. Channel partners and distributors

This program ensures that all such waste is managed in a manner that protects human health and the environment and complies with CPCB-prescribed handling and storage requirements.

3. Collection & Take-Back Mechanism

Saatvik has established a structured and transparent take-back and collection system to facilitate safe return of end-of-life solar modules, in line with CPCB requirements.

3.1 Customer Access to Take-Back Services

Customers and bulk consumers can initiate a take-back request through:

CUSTOMER ACCESS TO TAKE-BACK SERVICES

Email: crm.solarmodule@saatvikgroup.com

Phone: [+91 98177 06450](tel:+919817706450)

Website: Use the Take-Back Request Form available on the Saatvik website.

Please include the quantity, condition and location of the modules in your message.

Upon receiving a request:

24. Saatvik will assess quantity, location, and condition of modules
25. Suitable collection points or pickup arrangements will be provided based on customer location
26. Logistics will be coordinated through authorized transporters and recyclers

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3.2 Collection Channels and Infrastructure

The collection system may include:

27. Doorstep pickup services (for bulk consumers/projects)
28. Collection points / aggregation centers (location-based)
29. Pickup vans linked to registered recyclers
30. Collaboration with EPC contractors and service partners

This flexible approach ensures accessibility across geographies while optimizing transportation and environmental efficiency.

3.3 Information Disclosure (As per CPCB Requirements)

Saatvik ensures transparency by providing:

31. Public access to take-back program details via website
32. Contact details of designated personnel for queries and grievances
33. Information on collection mechanisms and recycling partners

3.4 Customer Database & Reverse Logistics Planning

Saatvik maintains a database of customers and bulk consumers, including location details, to:

34. Enable efficient reverse logistics planning
35. Facilitate proactive outreach for module take-back
36. Improve collection efficiency over time

3.5 Compliance Requirement for Customers

Customers are required to:

37. Hand over solar waste only through Saatvik's system or authorized recyclers
38. Avoid disposal through informal or unauthorized channels

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4. Authorized Recycling Network

Saatvik Green Energy Limited has established a compliant authorized recycler network by empanelling CPCB/SPCB-registered solar PV waste recyclers, together with appropriately authorized recyclers in other jurisdictions where applicable, for the environmentally sound management of end-of-life solar modules.

4.1 Empanelment of Authorized Recyclers

Saatvik has formally empanelled and onboarded authorized recyclers who meet regulatory and technical requirements for handling solar PV waste.

The empanelment process ensures that recyclers:

39. Are duly registered with CPCB/SPCB under applicable e-waste regulations or are appropriately authorized recyclers in the relevant jurisdiction
40. Operate in compliance with environmental, health, and safety (EHS) standards
41. Possess adequate infrastructure for collection, dismantling, recycling, and disposal
42. Maintain proper documentation, traceability, and reporting systems

All end-of-life solar modules collected through Saatvik's take-back program are routed exclusively through this approved recycler network.

4.2 End-to-End Waste Management Responsibility

Saatvik ensures complete lifecycle accountability by:

43. Coordinating collection and channelization of solar waste to empanelled recyclers
44. Ensuring that no waste is diverted to unauthorized handlers or informal sector
45. Maintaining traceability of material from collection to final recycling/disposal

4.3 Recycling Process and Material Recovery

Empanelled recyclers follow environmentally sound processes, including:

46. Safe dismantling and segregation of solar modules

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47. Recovery of key materials such as:

- 47. Glass
- 47. Aluminum frames
- 47. Silicon
- 47. Metals (copper, silver, etc.)

48. Scientific treatment and disposal of non-recyclable or hazardous fractions

This enables maximum resource recovery while minimizing environmental impact.

4.4 Environmental and Regulatory Compliance

Saatvik ensures that all empanelled recyclers:

- 49. Comply with CPCB guidelines and applicable environmental regulations
- 50. Prevent contamination of air, water, and soil during recycling operations
- 51. Adhere to safe handling, storage, and disposal practices

4.5 Documentation, Traceability & Reporting

To ensure transparency and compliance:

- 52. Records of waste collection, transportation, and recycling are maintained
- 53. Necessary documentation from recyclers (e.g., processing/recycling confirmation) is obtained
- 54. Data is made available for regulatory reporting and audits, as required

4.6 Customer Flexibility

While Saatvik provides an empanelled recycler network for convenience and compliance assurance, customers may also choose to:

- 55. Engage any authorized recycler registered with CPCB/SPCB in their respective region

However, customers are encouraged to utilize Saatvik's empanelled network to ensure end-to-end traceability and regulatory compliance.

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5. Environmentally Sound Transportation, Storage & Handling

Saatvik ensures that all solar waste is handled in accordance with CPCB guidelines for transportation, storage and handling.

5.1 Transportation of Solar Waste

- 56. Solar waste is transported through covered vehicles to prevent environmental exposure
- 57. Handling practices are designed to avoid breakage and leakage
- 58. Transportation complies with applicable provisions of hazardous waste regulations (where applicable)
- 59. Documentation and traceability are maintained throughout the logistics chain

5.2 Storage Requirements

Where temporary storage is required, the following measures are ensured:

- 60. Storage in covered, dry, and well-ventilated areas
- 61. Use of impervious and non-leachable flooring to prevent soil and groundwater contamination
- 62. Segregation of intact and broken modules
- 63. Proper labeling of stored waste for identification and traceability
- 64. Storage in stable configurations to avoid accidents

5.3 Handling & Safety Measures

- 65. Modules are handled carefully to prevent damage
- 66. Personnel are provided with appropriate Personal Protective Equipment (PPE)
- 67. Emergency preparedness measures, including fire safety systems and response plans, are in place

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5.4 Inspection, Record-Keeping & Compliance

68. Regular inspections of storage areas are conducted in line with Annexure 1 of the CPCB Guidelines for Storage, Handling and Management of Solar Photovoltaic Waste
69. Inventory of stored solar waste is maintained and updated periodically
70. Records are made available for inspection by regulatory authorities (CPCB/SPCB)

5.5 Prohibited Practices

71. Disposal of solar waste in open areas or landfills is strictly prohibited
72. Unauthorized recycling or informal disposal channels are not permitted

6. Roles & Responsibilities of Stakeholders

Saatvik Green Energy Limited ensures effective implementation of its take-back and recycling program through clearly defined roles and responsibilities across stakeholders.

6.1 Saatvik Green Energy Limited (Producer)

Saatvik shall:

73. Establish and maintain a structured take-back and collection system
74. Empanel and engage authorized recyclers for end-of-life management
75. Ensure environmentally sound transportation, storage, and handling of solar waste
76. Maintain records, inventory, and traceability of collected waste
77. Provide customers with access to collection mechanisms and grievance redressal
78. Ensure compliance with CPCB/SPCB regulations and reporting requirements

6.2 Customers / Bulk Consumers

Customers shall:

79. Ensure that end-of-life solar modules are not disposed of in open areas or landfills

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- 80. Channelize solar waste only through:
 - 80. Saatvik's take-back program, or
 - 80. Authorized recyclers
- 81. Provide accurate information regarding quantity, condition, and location of waste
- 82. Ensure safe temporary storage (if applicable) until collection

6.3 Authorized Recyclers (Empanelled Partners)

Recyclers shall:

- 83. Operate in compliance with E-Waste (Management) Rules, 2022
- 84. Ensure environmentally sound dismantling, recycling, and disposal
- 85. Maintain documentation and provide recycling certificates / confirmations
- 86. Ensure worker safety and environmental protection

6.4 Logistics & Collection Partners

- 87. Ensure safe and compliant transportation of solar waste
- 88. Prevent breakage, leakage, or environmental exposure during transit
- 89. Maintain documentation and chain-of-custody records

7. Customer Awareness & Communication

Saatvik is committed to ensuring that all stakeholders are adequately informed about the safe disposal of solar PV modules.

7.1 Public Information Disclosure

Saatvik provides the following information through its website and communication channels:

- 90. Details of the take-back and collection system
- 91. Contact details for queries and grievance redressal

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92. Information on authorized recycling partners

7.2 Customer Engagement

- 93. Awareness is created through product documentation, contracts, and digital platforms
- 94. Customers are guided on safe handling and disposal practices
- 95. Bulk consumers and project developers are periodically engaged for end-of-life planning

7.3 Prohibition Awareness

Customers are explicitly informed that:

- 96. Solar waste must not be disposed of in municipal waste streams or informal channels
- 97. Improper disposal may lead to environmental and regulatory risks

8. Grievance Redressal Mechanism

Saatvik has established a formal Grievance Redressal Mechanism to address concerns related to solar module take-back, collection, recycling, and compliance.

8.1 Grievance Contact Details

SUBMIT A GRIEVANCE

Email: crm.solarmodule@saatvikgroup.com

Phone: [+91 98177 06450](tel:+919817706450)

Website: Use the Take-Back Request Form available on the Saatvik website.

Please include the quantity, condition and location of the modules in your message.

8.2 Scope of Grievances

Customers and stakeholders may raise concerns related to:

- 98. Empanelled recycler details and collection points
- 99. Delays in collection or pickup
- 100. Issues in handling or transportation

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- 101. Recycling or disposal concerns
- 102. Non-compliance or environmental risks

8.3 Grievance Handling Process

- 103. All grievances will be acknowledged within seven working days
- 104. Resolution will normally be provided within 21 to 30 working days
- 105. Complex cases may involve coordination with recyclers or logistics partners

8.4 Escalation Mechanism

If a grievance remains unresolved:

- 106. It may be escalated to senior management / sustainability head
- 107. Further escalation may be done to regulatory authorities, if required

8.5 Record Maintenance

- 108. All grievances and resolutions are documented and tracked
- 109. Records are maintained for audit and compliance purposes

9. Documentation, Record-Keeping & Audit Compliance

Saatvik maintains a robust system for documentation and compliance monitoring in line with regulatory expectations.

9.1 Record Maintenance

Saatvik maintains records of:

- 110. Quantity of solar waste collected
- 111. Customer details and location of waste generation
- 112. Transportation and logistics details

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113. Recycler information and processing status

9.2 Traceability & Chain-of-Custody

114. End-to-end traceability is maintained from collection to final recycling/disposal

115. Documentation ensures that waste is not diverted to unauthorized channels

9.3 Inspection & Audit Readiness

116. Records are maintained in a manner suitable for inspection by CPCB/SPCB or other authorities

117. Internal audits are conducted periodically to ensure compliance

118. Storage areas and processes are inspected and documented regularly

9.4 Reporting & Compliance

119. Required information is submitted on regulatory portals, as applicable

120. Documentation supports ESG reporting, BRSR disclosures, and third-party audits

10. Legal Compliance & Disclaimer

10.1 Regulatory Compliance

This program is designed and implemented in accordance with:

121. E-Waste (Management) Rules, 2022

122. CPCB Guidelines for Storage, Handling and Management of Solar PV Waste (March 2026)

123. Applicable environmental and safety regulations

10.2 Limitation of Liability

124. Saatvik's responsibility under this program is limited to facilitating collection and channelization of solar waste through authorized systems

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125. Customers are responsible for ensuring that waste is handed over through authorized channels only

126. Saatvik shall not be liable for improper disposal carried out outside its authorized take-back system

10.3 Compliance Obligation of Stakeholders

127. All stakeholders are required to comply with applicable environmental regulations

128. Any non-compliance may attract action under applicable laws

10.4 Right to Update

Saatvik reserves the right to:

129. Modify or update this program to align with evolving regulations or operational requirements

130. Update empanelled recycler lists, processes, and contact details

10.5 Governing Framework

This program shall be governed by:

131. Applicable laws and regulations of India

132. Regulatory directions issued by CPCB/SPCB from time to time

NEED TO RETURN SOLAR PV MODULES?

Use the contact details above to initiate a take-back request. Saatvik will assess the request and coordinate an appropriate collection pathway through authorized partners.

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