PRODUCT SUSTAINABILITY, LIFE CYCLE & END-OF-LIFE POLICY

Version 1.0

Approval and Effectiveness

This Policy was reviewed and approved by the Board of Directors of Saatvik Green Energy Limited during its meeting held on 11th December 2025. The Policy is effective from the same date and shall remain in force until amended or replaced by the Board/ ESG Council of Saatvik.

1. Prologue

Saatvik Green Energy Limited ("Saatvik" or "the Company") is committed to responsible product stewardship across the entire life cycle of its solar photovoltaic (PV) modules and associated components.

As a renewable energy manufacturer, Saatvik recognizes its responsibility not only to enable decarbonization through clean energy generation but also to minimize environmental impacts arising from product design, material selection, manufacturing, use, and end-of-life management.

This Policy establishes an integrated framework covering:

- Product Life Cycle Management
- Eco-Design Principles
- Circular Economy Integration
- Responsible End-of-Life (EOL) Management

2. Objective

The objective of this policy is to:

- Establish a structured framework for managing environmental impacts across the full product life cycle.
- Integrate life cycle thinking and eco-design principles into product development and innovation.
- Ensure environmentally sound collection, recycling, and disposal processes at end-of-life.
- Promote circular economy principles including reuse, recycling, and material recovery.
- Comply with all applicable regulatory requirements relating to product sustainability and waste management.
- Support Saatvik's broader ESG and decarbonization commitments.

3. Scope & Applicability

This Policy, titled "Product Sustainability, Life Cycle & End-of-Life Policy" ("Policy"), applies across operations of Saatvik Green Energy Limited and its subsidiaries (collectively referred to as the "Saatvik Group" or "Saatvik").

It covers:

- Product design and development

- Raw material selection and procurement considerations
- Manufacturing and operational efficiency
- Product use and performance phase
- Decommissioning, collection, transport, recycling, and disposal
- Collaboration with suppliers, customers, recyclers, and regulatory bodies

This Policy applies to all employees, contractors, suppliers, channel partners, customers, recyclers, and other stakeholders involved in product life cycle management.

4. Definitions

- End-of-Life (EOL): The stage at which a product is intended to be discarded, decommissioned, or removed from service by the user.
- Life Cycle Thinking: Consideration of environmental impacts across all stages of a product's life—from raw material extraction to disposal or recycling.
- Eco-Design: Integration of environmental considerations into product design to improve efficiency, durability, reparability, and recyclability.
- Environmentally Sound Management of Waste: Taking all necessary steps to ensure that waste is managed in a manner that protects human health and the environment from adverse effects.
- Circular Economy: An economic model focused on resource efficiency, material recovery, reuse, refurbishment, and recycling to minimize waste.

5. Product Life Cycle & Eco-Design Policy

5.1 Life Cycle Approach

Saatvik adopts a life cycle approach in designing and manufacturing its solar PV modules, including Mono PERC and TOPCon product lines.

The Company evaluates environmental impacts across:

1. Raw material extraction and sourcing
2. Manufacturing and assembly
3. Distribution and logistics
4. Use phase (energy generation)
5. End-of-life treatment and recycling

Particular emphasis is placed on maximizing environmental benefits during the use phase by enhancing module efficiency and service life.

5.2 Eco-Design Principles

Saatvik integrates eco-design into product development through:

- Designing for high efficiency and long operational life
- Improving durability and reliability to reduce replacement frequency
- Optimizing material use to reduce resource intensity
- Designing for ease of dismantling and recycling
- Reducing hazardous substances in compliance with applicable regulations (e.g., RoHS, REACH)
- Enhancing repairability and material recovery potential

Eco-design considerations are embedded within the New Product Development (NPD) process.

5.3 Product Use and Environmental Performance

Saatvik's PV modules are designed to:

- Generate renewable electricity with zero direct emissions during operation
- Deliver high energy yield per unit area
- Achieve long service life to reduce lifecycle environmental impact per kWh generated
- Comply with applicable quality, safety, and performance standards

Continuous improvement in module efficiency and reliability forms a core part of the Company's sustainability strategy.

5.4 Life Cycle Assessment (LCA) and Environmental Disclosure

Saatvik is committed to measuring and improving product environmental performance through:

- Conducting Life Cycle Assessments (LCA) for selected product families
- Developing Environmental Product Declarations (EPDs)
- Using LCA findings to inform design optimization and material substitution
- Improving manufacturing processes to reduce embodied carbon

5.5 Objectives and Targets

Qualitative Objectives

- Embed life cycle thinking in product innovation and decision-making
- Enhance resource efficiency and material circularity
- Strengthen transparency in environmental performance reporting

Quantitative Targets

- Conduct LCA and/or EPD for 100% of new major product families by 2035
- Continuously improve module efficiency and lifetime performance
- Increase recyclability and material recovery potential across product lines

Progress is reviewed periodically under ESG governance frameworks.

6. Product End-of-Life Management

6.1 Commitment

Saatvik is committed to responsible management of solar panels and associated components at end-of-life, minimizing environmental impact and supporting circular economy principles.

6.2 End-of-Life Strategy

Saatvik will:

- Establish product return and take-back programs, where feasible
- Collaborate with authorized and certified recyclers
- Promote reuse, refurbishment, recycling, and recovery of critical materials
- Reduce landfill disposal through improved recovery processes
- Ensure compliance with applicable e-waste and waste management regulations

6.3 Stakeholder Engagement

The Company will work with:

- Customers for responsible decommissioning
- Authorized recyclers and waste processors
- Regulatory bodies for compliance and reporting
- Suppliers to improve recyclability and material traceability

6.4 Circularity Integration

End-of-life learnings will be fed back into:

- Product redesign
- Material selection
- Manufacturing optimization
- Packaging improvements

This ensures continuous circular improvement.

7. Roles and Responsibilities

- Board / ESG Council: Provide oversight and strategic direction.
- Senior Management: Ensure resource allocation and implementation.
- New Product Development Team: Integrate eco-design and circularity into product development.
- Sustainability and EHS Teams: Monitor life cycle performance, LCA/EPD activities, and EOL compliance.
- Sales & Marketing: Communicate sustainability commitments to customers and stakeholders.
- Employees and Contractors: Comply with applicable waste handling and environmental procedures.

8. Monitoring and Reporting

Implementation of this Policy is monitored through:

- Product development reviews
- Sustainability performance assessments
- Waste management tracking
- ESG and Sustainability reporting disclosures

Key performance indicators are reviewed periodically by the ESG Council.

9. Review and Amendments

This Policy shall be reviewed annually, or in the event of significant regulatory or operational changes, to ensure continued alignment with best practices, stakeholder expectations, and legal requirements.

Any amendments shall be made in writing and become effective upon approval by the ESG Council of Saatvik.

Disclaimer:

This Policy supersedes all previous policies or practices in Saatvik. The Sales & NPD Department of Saatvik is the final authority in interpreting and deploying the clauses, rules, and procedures mentioned in the Policy. Saatvik reserves the right to modify the Policy from time to time.