



Water Management Policy

For Juniper Green Energy and Its Subsidiaries

1. Preamble

Juniper Green Energy and its subsidiaries are committed to sustainable development and responsible resource management. Water is a critical resource, vital not only for operational efficiency but also for ecological balance and community well-being. Recognizing our responsibility as a corporate citizen and in line with the **Business Responsibility and Sustainability Reporting (BRSR)** framework and the **National Guidelines on Responsible Business Conduct (NGRBC)**, this Water Management Policy establishes a structured approach to manage, conserve, and use water responsibly across all our operations.

2. Objectives:

This policy aims to

- 2.1. Ensure sustainable use and management of water resources in all operations.
- 2.2. Minimize water consumption through efficient technologies and processes.
- 2.3. Promote water conservation, harvesting, and recycling.
- 2.4. Ensure zero contamination of local water bodies from operational discharges.
- 2.5. Comply with all applicable local, national, and international water regulations.
- 2.6. Engage with stakeholders and communities to support water sustainability efforts.
- 2.7. Align with the environmental and social expectations of BRSR and NGRBC.

3. Definitions

- 3.1. Water Management:** The planned development, distribution, and optimum utilization of water resources.
- 3.2. BRSR (Business Responsibility and Sustainability Report):** A reporting framework introduced by SEBI for listed entities in India to disclose their ESG performance.
- 3.3. NGRBC (National Guidelines on Responsible Business Conduct):** Guidelines issued by the Ministry of Corporate Affairs, Government of India, outlining principles for responsible business conduct.
- 3.4. Water Footprint:** The total volume of freshwater used directly and indirectly by an organization.
- 3.5. Effluent:** Wastewater, treated or untreated that flows out from a facility or process.
- 3.6. Rainwater Harvesting:** The collection and storage of rainwater for reuse before it reaches the ground.

4. Scope

- 4.1. This policy applies to all business units, administrative offices, and operations of Juniper Green Energy and its subsidiaries across all geographies.



5. Guiding Principles

This policy is aligned with the following principles of the NGRBC:

- **Principle 2:** Provide goods and services in a manner that is sustainable and safe.
- **Principle 6:** Respect and make efforts to protect and restore the environment.
- **Principle 8:** Support inclusive growth and equitable development.

6. Statutory and Regulatory Requirements

Juniper Green Energy shall ensure compliance with the following statutory and regulatory requirements related to water:

a. National Laws & Regulations

1. The Water (Prevention and Control of Pollution) Act, 1974:

- Requires obtaining Consent to Establish (CTE) and Consent to Operate (CTO) from State Pollution Control Boards.
- Mandates prevention and control of water pollution and the maintenance or restoration of the wholesomeness of water.

2. Environment (Protection) Act, 1986: Provides a framework for waste discharge standards, including water and effluent standards for different industries.

3. Water (Prevention and Control of Pollution) Cess Act, 1977 (repealed in 2017): No longer applicable; Now uses environmental compensation mechanisms under CPCB/SPCB guidelines. Companies must follow updated norms for water usage and effluent discharge.

4. Central Ground Water Authority (CGWA) Guidelines: Prior permission is required for extraction of groundwater in notified and non-notified areas, subject to availability and recharge obligations.

5. Factories Act, 1948 (Section on Waste Disposal and Sanitation): Stipulates the provision of clean drinking water and proper drainage systems within factory premises.

6. Municipal and State-Level Water Use Regulations: Local government or industrial area development authority norms for borewell installation, wastewater treatment, sewerage connections, etc.

b. Reporting Requirements

- As per **SEBI's BRSR Framework**, listed companies must disclose water consumption, water intensity, and percentage of recycled water in their annual sustainability reports.



- Alignment with **ISO 14001** Environmental Management Systems and **GRI Standards (Global Reporting Initiative)**, as applicable, to enhance water disclosure transparency.

7. Water Management Approach

Juniper Green Energy shall adopt the following approaches:

7.1 Assessment & Monitoring

- Conduct periodic **water audits** to assess consumption patterns and identify saving opportunities.
- Establish metering and monitoring systems for accurate water usage data.

7.2 Water Efficiency & Conservation (Where Applicable)

- Use **low-flow fixtures, sensor-based taps, and water-efficient cooling systems**.
- Install **rainwater harvesting systems** and promote on-site water recharge.

7.3 Wastewater Treatment & Reuse

- Treat all wastewater to prescribed standards before discharge.
- Maximize reuse of treated water for non-potable purposes (e.g., landscaping, floor cleaning).

7.4 Risk Management

- Assess risks of **water scarcity, climate impact, and community conflict** due to water use.
- Implement Business Continuity Plans (BCPs) to address water-related disruptions.

7.5 Community & Stakeholder Engagement

- Partner with **local panchayats, NGOs, and municipal bodies** to support water access and conservation projects.
- Educate employees and local communities on responsible water use.

8. Roles & Responsibilities

a. Board of Directors:

- Approve and oversee the implementation of this policy.
- Review progress on water performance annually.



b. Senior Management:

- Integrate water goals into business strategy.
- Ensure budget allocation and accountability for water-related initiatives.

c. Sustainability/ESG Committee:

- Monitor policy compliance and progress on water KPIs.
- Ensure accurate reporting as per BRSR and regulatory requirements.

d. Operations/Facility Managers:

- Execute the water management plan at plant/office level.
- Maintain records of water consumption, treatment, and discharge.

e. All Employees:

- Adopt responsible water usage practices.
- Participate in internal training and awareness campaigns.

9. Monitoring and Reporting

a. Water-related KPIs shall include:

- Total water withdrawal (source-wise)
- Water intensity (per unit of production/revenue)
- % of water recycled and reused
- Compliance status with effluent discharge norms

b. Reporting will be done through:

- Annual BRSR disclosures
- Internal ESG dashboards
- Statutory submissions to Pollution Control Boards and CGWA

10. Review and Update insert

This policy will be reviewed annually or upon any change in regulatory framework. Revisions will be approved by the Board or its designated committee.

A handwritten signature in black ink, appearing to read "Ankush Malik".

Ankush Malik
Chief Executive Officer