



## **Rajasthan Electricity Regulatory Commission**

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No. RERC/Secy./Dir (Tech. -I)/D 1928

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### **ORDER**

**Sub: In the matter of the Green Policy of the Commission**

The Green Policy of the Commission is hereby issued. This bears the approval of the Commission.

  
(Himanshu Khurana)  
Secretary

**Rajasthan Electricity Regulatory Commission**  
**Green Policy**

# Rajasthan Electricity Regulatory Commission

## Green Policy

The Green Policy of RERC having following four heads/parts:

1. Water Management.
2. Waste Management.
3. Energy Efficiency.
4. Green Education.

The detailed practices in respect of aforesaid heads/parts is herewith annexed in continuation of this green policy.

# Rajasthan Electricity Regulatory Commission

## Green Policy

### 1. Water Management

**Objective:** To set of guidelines, regulations, and strategies implemented by governments and other relevant authorities to effectively and sustainably manage water resources. These policies aim to address various aspects of water use, conservation, allocation, and quality to ensure the availability of clean water for current and future generations. Our green policy on water management underscores our commitment to efficient water use, pollution prevention, and sustainable water practices. Key components of green policy on water management include:-

1. **Water Conservation:** We prioritize water conservation efforts by implementing measures to reduce water consumption across all facets of our operations. This includes implementing water-efficient technologies, such as low-flow fixtures and water-saving appliances, and optimizing processes to minimize water waste.
2. **Leak Detection and Repair:** We conduct regular inspections and maintenance to detect and promptly repair leaks in plumbing systems, equipment, and infrastructure. By addressing leaks promptly, we minimize water loss and prevent unnecessary water waste.
3. **Water Recycling and Reuse:** We explore opportunities for water recycling and reuse to minimize our reliance on freshwater sources and reduce wastewater generation. This may include implementing systems for rainwater harvesting, grey water recycling, and reclaimed water use in non-potable applications.
4. **Pollution Prevention:** We implement pollution prevention measures to protect water quality and prevent contamination of water resources. This includes implementing best management practices for storm water management, proper handling and disposal of hazardous materials, and minimizing runoff from our operations.
5. **Educational Outreach:** We educate and engage our employees, stakeholders, and communities on the importance of water conservation and responsible water management practices. Through training programs, awareness campaigns, and educational initiatives, we foster a culture of water stewardship and encourage water-saving behaviours.

6. **Compliance and Reporting:** We ensure compliance with all relevant water management regulations, permits, and reporting requirements. We strive to meet or exceed regulatory standards for water quality and quantity, and we regularly monitor and report on our water management practices to relevant authorities.

7. **Continuous Improvement:** We are committed to continuous improvement in our water management practices through ongoing monitoring, evaluation, and innovation. We set goals for water conservation, track progress against these goals, and implement strategies to optimize water use and minimize environmental impact.

By adhering to our green policy on water management, we demonstrate our commitment to sustainability, environmental stewardship, and responsible resource management.

## 2. Waste Management

**Objective:** To minimize the environmental impact of our operations by adopting sustainable waste management practices, reducing waste generation, and promoting recycling and responsible disposal.

Here are some key components for green policy on waste management for RERC campus:-

### 1. **Reduce, Reuse, Recycle:**

- Prioritize waste reduction through mindful consumption and purchasing practices.
- Encourage the reuse of materials within the office where feasible.
- Establish a robust recycling program for paper, cardboard, plastics, glass, and electronic waste.
- Adopting the approach for reduce, reuse, recycle of waste materials.

### 2. **Source Separation:**

- Implement a system for separating recyclables from general waste at designated collection points throughout the office.
- Provide clear signage and education to ensure proper waste sorting.
- Proper waste segregation mechanism such as food, e-waste, metals, plastic and paper along with proper disposal through the authorised agencies/recyclers in environmentally friendly manner.

### 3. **Paperless Practices:**

- Encourage digital documentation and communication to reduce paper consumption.
- Set default settings on printers to double-sided printing and promote electronic filing systems.

#### 4. **Waste Audits:**

- Conduct regular waste audits to assess the types and quantities of waste generated.
- Use audit findings to identify areas for improvement and set waste reduction targets.

#### 5. **Composting:**

- Introduce composting bins in common areas for organic waste such as food scraps and coffee grounds.
- Educate staff on the benefits of composting and proper disposal methods.
- Centralized waste composter through procure 2 bins (25 capacity each) waste composter that generate manure after 30 days –in use.

#### 6. **Waste Disposal Management:**

- Proper disposal of waste by using proper waste segregation mechanism such as food, e-waste, metals, plastic and paper through the authorised agencies/recyclers in environmentally friendly manner.
- Carefully disposal and minimization of hazardous and toxic products waste.
- Centralised waste collection and storage on daily basis to identify and segregation of waste and accordingly, disposal of waste in a time bound manner as weekly/fortnightly.
- Manage the waste responsibly, reduce the volume of waste sent to landfill and maximize reuse and recycling where possible.

#### 7. **Electronic Waste Management:**

- Implement a system for the proper disposal of electronic waste, including old computers, printers, and other electronic devices through the authorised agencies/recyclers in environmentally friendly manner.
- Agreement with certified e-waste recycling facilities for responsible disposal.

#### 8. **Supplier Engagement:**

- Encourage suppliers to adopt sustainable packaging practices and reduce unnecessary packaging.
- Preferentially select suppliers with a commitment to environmentally responsible packaging and waste management.
- Prefer the recycled products that are eco-friendly, energy efficient and less polluting based upon ratings and green certifications.
- Use certified green building materials, products and equipment to reduce dependence on materials that have associated with negative environmental impacts.
- Adopting green procurement policy to promote recycle product and purchase products or services with lowest environmental impact.
- While adhering green procurement concept, the procurement would be made for green sealed products at the time of renovation/retrofitting.

### 9. **Employee Training:**

- Conduct regular training sessions to educate employees on the importance of waste reduction and proper disposal.
- Empower employees to take responsibility for their individual waste generation.
- Encourage the officer/officials for minimizing the waste following the environmentally friendly system.

### 10. **Continuous Improvement:**

- Regularly review waste management practices and update procedures based on feedback and emerging best practices to ensure its relevance and effectiveness.
- Set annual goals for waste reduction and monitor progress.

### 11. **Responsibilities:**

- All employees are responsible for adhering to waste management practices and participating in recycling initiatives.

## 3. **Energy Efficiency**

**Objective:** To recognize the importance of reducing energy consumption and mitigating our environmental impact through sustainable practices. Our green policy on energy efficiency outlines our commitment to optimizing energy use, minimizing carbon emissions, and promoting a culture of environmental stewardship. Here are the key components of green policy on energy efficiency:-

1. **Energy Conservation:** We prioritize energy conservation efforts by implementing measures to reduce energy consumption across all aspects of our operations. This includes initiatives such as lighting upgrades, HVAC system optimization, and equipment efficiency improvements to minimize energy waste and enhance resource efficiency.

2. **Renewable Energy Sources:** We actively seek opportunities to transition to renewable energy sources such as solar, wind, or hydroelectric power to reduce our reliance on fossil fuels and lower our carbon footprint. We invest in renewable energy technologies and explore partnerships with renewable energy providers to increase the share of clean energy in our energy mix.

3. **Energy Monitoring and Management:** We employ energy monitoring systems and software to track and analyze our energy usage patterns in real-time. By identifying areas of high energy consumption and implementing targeted interventions, we optimize energy use and reduce unnecessary energy expenditures.

4. **Energy-Efficient Technologies:** We prioritize the adoption of energy-efficient technologies and equipment throughout our facilities and operations. This includes the use of Energy Star-rated appliances, energy-efficient lighting fixtures, and smart building systems to minimize energy waste and maximize energy savings.

5. **Employee Engagement and Education:** We engage and educate our employees on the importance of energy efficiency and encourage their active participation in energy conservation efforts. Through training programs, awareness campaigns, and employee feedback mechanisms, we empower our workforce to adopt energy-saving behaviours and contribute to our energy efficiency goals.

6. **Continuous Improvement:** We are committed to continuous improvement in our energy efficiency performance through regular monitoring, benchmarking, and goal-setting. We set targets for energy reduction, track progress against these targets, and adjust our strategies as needed to achieve optimal energy efficiency outcomes.

7. **Compliance and Certifications:** We ensure compliance with relevant energy efficiency regulations, standards, and certifications to uphold our commitment to sustainable practices. We strive to meet or exceed energy efficiency requirements set forth by regulatory agencies and industry standards organizations.

By adhering to our green policy on energy efficiency, we aim to minimize our environmental impact, reduce operating costs, and contribute to a more sustainable future for our commission.

#### 4. Green Education

**Objective:** Implementing a Green Education practices for officer/officials involves incorporating sustainability principles into various aspects of their work. This not only contributes to environmental conservation but also fosters a culture of responsibility and awareness. Here are some key components for green policy on green education for RERC campus:-

##### 1. Training Programs:

- Develop training sessions or workshops to educate staff about the importance of environmental sustainability.
- Cover topics such as energy conservation, waste reduction, recycling practices, and the overall environmental impact of office activities.
- Organize at least two educational programme in a quarter on sustainable practice/green initiatives.



**2. Resource Management:**

- Encourage responsibly and efficiently use of resources, such as paper, water, and electricity.
- Provide tips and guidelines on minimizing waste, printing double-sided, and turning off lights and electronic devices when not in use.

**3. Sustainable Office Practices:**

- Integrate sustainable practices into day-to-day operations, such as using eco-friendly office supplies, reducing single-use plastics, and implementing a green procurement policy.
- Emphasize the importance of using energy-efficient equipment and appliances.
- Encourage officer/officials to adopt green initiative during working culture.
- Adopt the digital documentation and communication procedures instead of printing the each and every document, e-mail attachments etc. wherever feasible, to reduce paper consumption in the work culture.

**4. Green Commuting:**

- Promote eco-friendly commuting options, such as carpooling, biking, walking, or using public transportation.
- Encourage officer/officials to adopt green initiative using e-vehicles during daily commuting.

**5. Green Certification Programs:**

- Pursue and promote certifications such as IGBC( Indian Green Building Council) green building certification for the office space.
- Recognize and reward staff who actively contribute to sustainability goals.

**6. Environmental Awareness Campaigns:**

- Conduct regular campaigns to raise awareness about environmental issues.
- Use internal communication channels to share success stories, tips, and updates on the office's environmental performance.
- Develop educational materials such as posters, brochures, presentation and information portal with green concepts.
- Install permanent educational signage in common areas of the building highlighting the green concepts.
- Circulation of advantages of green concepts among staff members.

**7. Green Team or Committee:**

- Form a Green Team or Committee responsible for overseeing the implementation of green policies and driving sustainability initiatives.
- Encourage staff to participate and contribute ideas for making the office more environmentally friendly.

**8. Monitoring and Reporting:**

- Implement systems to monitor and track the office's environmental performance.

- Regularly report progress, achievements, and areas for improvement to keep staff informed and engaged.

**9. Continuous Improvement:**

- Foster a culture of continuous improvement by regularly reassessing and updating the Green Education policy based on feedback, changing technologies, and emerging best practices.

**10. Continuous Improvement:**

- Foster a culture of continuous improvement by regularly reassessing and updating the green policy on green education based on feedback, changing technologies, and emerging best practices.

By incorporating these elements into a green policy on green education practices, RERC can empower office staff to adopt environmentally responsible practices and contribute to a more sustainable workplace.

  
(Secretary)  
RERC