



STAREX UNIVERSITY, GURUGRAM

(Established by Haryana Private Universities (Second Amendment) Act No.20 of 2016)

(Recognized by UGC U/sec. 2(f) of the UGC Act, 1956)

(Empowered to Award degrees U/sec. 22 of the UGC Act, 1956)

ENERGY POLICY



STAREX UNIVERSITY

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PREAMBLE

Starex University, Gurugram recognizes the critical importance of sustainable energy management in addressing environmental challenges and promoting responsible resource use. The University is committed to adopting energy-efficient practices across all academic, administrative, and residential operations. This Energy Policy aims to reduce the overall energy consumption, optimize the use of renewable energy, and minimize the carbon footprint of campus activities.

The policy focuses on promoting sustainable energy practices through behavioral change, efficient energy management, and the use of advanced monitoring systems. It supports the deployment of energy-efficient equipment, automation technologies, and building designs that reduce energy consumption.

The University is dedicated to raising awareness among students, faculty, and staff regarding responsible energy use and the environmental impact of energy wastage. Regular training, workshops, and campaigns will be conducted to cultivate a culture of energy consciousness on campus.

Monitoring and evaluation mechanisms will be established to track energy consumption, identify areas for improvement, and ensure continuous optimization of resources. The University will comply with national and state energy regulations and guidelines, promoting accountability and transparency in energy management.



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This policy seeks to foster collaboration among all stakeholders to implement energy-saving practices, reduce costs, and contribute positively to environmental sustainability. It also encourages research, innovation, and student-led initiatives in renewable energy and energy efficiency.

By implementing this Energy Policy, Starex University aims to create a sustainable, safe, and eco-friendly campus that serves as a model for responsible energy management in higher education institutions.

Starex University, Gurugram is dedicated to using energy wisely and protecting the environment. To support India's and the world's efforts to fight climate change and reduce the use of non-renewable energy, the University has made this Energy Policy. It will help in saving energy, avoiding waste, and shifting towards clean and renewable sources of energy.

OBJECTIVES

- Promote efficient use of energy across all University operations including academic, administrative, and residential facilities.
- Reduce the overall energy consumption and minimize the carbon footprint of the campus.
- Encourage the adoption of renewable energy sources such as solar, wind, and biomass wherever feasible.
- Implement energy-efficient technologies and infrastructure, including lighting, HVAC systems, and electrical equipment.
- Conduct energy audits periodically to monitor usage and identify areas for improvement.



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- Create awareness among students, faculty, and staff about responsible energy use and sustainable practices.
- Foster a culture of energy conservation through training programs, workshops, and campaigns.
- Optimize energy use through smart monitoring systems and digital energy management tools.
- Encourage research, innovation, and student-led initiatives in renewable energy and energy efficiency.
- Ensure compliance with national and state energy regulations and international best practices.
- Reduce operational costs by promoting energy-saving measures across all departments.
- Promote sustainability and environmental stewardship as part of the University's social responsibility.
- Support long-term eco-friendly planning for new buildings, infrastructure, and campus facilities.
- Establish mechanisms for continuous monitoring, reporting, and improvement of energy practices.

SCOPE

This policy applies to all academic blocks, administrative offices, hostels, laboratories, research centers, and other facilities within Starex University, Gurugram.



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DEFINITIONS

1. **Energy Policy** – A set of principles and guidelines adopted by the University to ensure efficient, responsible, and sustainable use of energy resources across all operations.
2. **Energy Efficiency** – Using less energy to perform the same task or produce the same output without compromising quality.
3. **Renewable Energy** – Energy derived from natural sources that are replenished continuously, such as solar, wind, biomass, and hydropower.
4. **Energy Conservation** – The practice of reducing energy consumption through behavioral changes, efficient technology, and process improvements.
5. **Energy Audit** – A systematic inspection and analysis of energy use in buildings, laboratories, hostels, and offices to identify areas for improvement.
6. **Smart Meter** – A digital device that measures energy consumption in real time and helps monitor and manage electricity usage efficiently.
7. **HVAC Systems** – Heating, Ventilation, and Air Conditioning systems used for regulating indoor climate in University buildings.
8. **Stakeholders** – All individuals and groups involved with or affected by the University's energy policy, including students, faculty, staff, and visitors.
9. **Sustainability** – The practice of meeting present energy and environmental needs without compromising the ability of future generations to meet theirs.
10. **E-Governance in Energy Management** – Use of digital platforms and technology to monitor, manage, and optimize energy consumption in University operations.



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11. **Green Campus Initiatives** – Activities and projects aimed at reducing environmental impact, promoting energy efficiency, and integrating renewable energy solutions on campus.

POLICY GUIDELINES

1. **Energy Conservation:** All departments, hostels, and administrative units must adopt measures to minimize energy consumption through efficient usage of lighting, HVAC systems, computers, and other electrical equipment.
2. **Renewable Energy Adoption:** Promote the installation and use of solar panels, wind turbines, and other renewable energy solutions wherever technically and economically feasible.
3. **Energy-Efficient Equipment:** Procure and use only energy-efficient appliances, lighting, and machinery with high energy star ratings or equivalent certifications.
4. **Behavioral Awareness:** Conduct workshops, campaigns, and training sessions to sensitize students, faculty, and staff on responsible energy consumption and sustainable practices.
5. **Energy Audits:** Carry out regular energy audits to identify inefficiencies, wastage, and areas for improvement. Audit reports should guide corrective actions and policy updates.



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6. **Monitoring & Reporting:** Establish systems for continuous monitoring of energy consumption, with reports submitted periodically to the University administration.
7. **Infrastructure Planning:** Ensure that new buildings, renovations, and campus facilities incorporate energy-efficient designs, materials, and technology.
8. **Digital Energy Management:** Implement smart meters, sensors, and automated systems to monitor and control energy use across campus in real time.
9. **Compliance & Accountability:** Ensure all units comply with national and state energy regulations, environmental standards, and University energy policies.
10. **Research & Innovation:** Encourage faculty and students to develop and participate in energy efficiency projects, renewable energy research, and sustainability initiatives.
11. **Incentives & Recognition:** Recognize and reward departments, staff, and students demonstrating outstanding contributions to energy conservation and sustainability.
12. **Continuous Improvement:** Review and update energy practices, technologies, and policies periodically to align with evolving standards, innovations, and environmental goals.



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RESPONSIBILITIES

1. University Administration

- Oversee the implementation of the Energy Policy across all departments and facilities.
- Allocate necessary resources for energy-efficient infrastructure and renewable energy projects.
- Ensure compliance with national and state energy regulations.

2. Energy Management Committee (EMC)

- Develop strategies, monitor energy consumption, and recommend measures for conservation.
- Conduct periodic energy audits and prepare reports for University authorities.
- Plan and supervise renewable energy initiatives and sustainability projects.

3. Head of the Departments (HODs)

- Ensure departmental adherence to energy-saving practices.
- Promote awareness among staff and students about energy conservation.
- Report energy usage patterns and improvement opportunities to the EMC.

4. Faculty Members

- Encourage students to adopt responsible energy use in classrooms, labs, and offices.
- Participate in energy awareness programs and integrate sustainability practices in teaching.



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5. Administrative & Technical Staff

- Operate and maintain energy-efficient equipment and infrastructure.
- Monitor energy usage in offices, laboratories, hostels, and other facilities.
- Report faults, wastage, or non-compliance to HODs or EMC.

6. Students

- Use electricity, water, and other energy resources responsibly in classrooms, hostels, and campus facilities.
- Participate in awareness campaigns, workshops, and sustainability initiatives.
- Report energy wastage or unsafe practices to designated authorities.

7. All Stakeholders

- Contribute collectively to achieving energy efficiency, conservation goals, and a sustainable campus environment.
- All departments and administrative units shall contribute by adopting energy conservation practices.
- Students and staff are encouraged to actively participate in energy-saving initiatives.



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COMPOSITION OF ENERGY POLICY COMMITTEE

S. No.	Position/Member	Responsibility
1	Chairperson (Vice-Chancellor or senior official)	Provides overall guidance, approves energy initiatives, and ensures compliance with policy.
2	Convener/Member Secretary (Registrar or senior administrative officer)	Coordinates meetings, maintains documentation, follows up on action points.
3	Energy Management Expert (Internal/External)	Provides technical guidance on energy efficiency, renewable energy, and reviews audit reports.
4	Heads of Departments (HODs)	Ensure departmental adherence to energy-saving measures, promote awareness among staff and students.
5	Facility & Maintenance Head	Oversees implementation of energy-efficient equipment, lighting, HVAC, and infrastructure upgrades.
6	Finance Officer	Allocates and monitors budget for energy projects, audits, and renewable energy initiatives.
7	IT / E-Governance Representative	Manages digital energy monitoring tools, smart meters, and data analytics.
8	Faculty Representatives (2-3 members)	Support awareness programs, research initiatives, and student engagement in energy conservation.
9	Student Representatives (2-3 members)	Represent student body in campaigns, awareness, and green initiatives.



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S. No.	Position/Member	Responsibility
10	Administrative & Technical Staff Representative	Ensures operational implementation of energy-saving measures across campus.
11	Sustainability/Environment Officer (if available)	Coordinates green initiatives, renewable energy projects, and environmental compliance.

Tenure:

- Members will serve for a period of 2–3 years, renewable as per University regulations.

Functions of the Committee:

- Formulate strategies and monitor implementation of the Energy Policy.
- Conduct periodic energy audits and review reports.
- Approve renewable energy projects and infrastructure upgrades.
- Promote energy awareness programs and training.
- Recommend disciplinary or corrective actions in case of non-compliance.

REVIEW OF POLICY

This policy shall be reviewed every **03 years** or earlier, if required, to incorporate new technologies, government regulations, and best practices.